TECHNICAL MANUAL

YORK
BY JOHNSON CONTROLS

VRF Standard Ambient System

Heat Recovery System R-410A 50/60Hz

Read this manual before installation and operation
Make sure that it is well kept for later reference

Johnson Controls

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1. Unit Selection

1.1. General Instruction

1.1.1 Indoor Unit Selection

Enter "Indoor unit capacity table" at given indoor and outdoor temperature. Select the unit that the capacity is the nearest to and greater than given load.

Note:

Individual indoor unit capacity is subject to change by the combination. Actual capacity has to be calculated according to the combination by using outdoor unit capacity table.

1.1.2 Outdoor Unit Selection

Allowable combinations are indicated in "Indoor unit combination total capacity index table"

In general, outdoor unit can be selected as follows though the location of the unit, zoning and usage of the rooms may be considered.

The indoor and outdoor unit combination is determined that the sum of indoor unit capacity index is nearest to and smaller than the capacity index at 100% combination ratio of each outdoor unit. Up to 8~16 indoor units can be connected to one outdoor unit. It is recommended to choose a larger outdoor unit if the installation space is large enough.

If the combination ratio is greater than 100%, the indoor unit selection shall be reviewed by using actual capacity of each indoor unit.

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Table 1. Indoor unit combination total capacity index table

VRF 380/400-3-50/60Hz R-410A								
Outdoor Unit (kW)	Indoor Unit Combination Ratio (kW)							
	130%	120%	110%	100%	90%	80%	70%	60%
23.9	31.07	28.68	26.29	23.90	21.51	19.12	16.73	14.34
29.3	38.09	35.16	32.23	29.30	26.37	23.44	20.51	17.58
35.1	45.63	42.12	38.61	35.10	31.59	28.08	24.57	21.06
41.7	54.21	50.04	45.87	41.70	37.53	33.36	29.19	25.02
45.0	58.50	54.00	49.50	45.00	40.50	36.00	31.50	27.00
53.2	69.16	63.84	58.52	53.20	47.88	42.56	37.24	31.92
58.6	76.18	70.32	64.46	58.60	52.74	46.88	41.02	35.16
64.4	83.72	77.28	70.84	64.40	57.96	51.52	45.08	38.64
71.0	92.30	85.20	78.10	71.00	63.90	56.80	49.70	42.60
74.3	96.59	89.16	81.73	74.30	66.87	59.44	52.01	44.58
80.1	104.13	96.12	88.11	80.10	72.09	64.08	56.07	48.06
86.7	112.71	104.04	95.37	86.70	78.03	69.36	60.69	52.02
90.0	117.00	108.00	99.00	90.00	81.00	72.00	63.00	54.00
100.3	130.39	120.36	110.33	100.30	90.27	80.24	70.21	60.18
103.6	134.68	124.32	113.96	103.60	93.24	82.88	72.52	62.16
109.4	142.22	131.28	120.34	109.40	98.46	87.52	76.58	65.64
116.0	150.80	139.20	127.60	116.00	104.40	92.80	81.20	69.60
119.3	155.09	143.16	131.23	119.30	107.37	95.44	83.51	71.58
125.1	162.63	150.12	137.61	125.10	112.59	100.08	87.57	75.06
131.7	171.21	158.04	144.87	131.70	118.53	105.36	92.19	79.02
135.0	175.50	162.00	148.50	135.00	121.50	108.00	94.50	81.00

Table 2. Indoor unit capacity index

Unit Size	22	28	36	45	56	71	80	90	112	140	280
Capacity Index (kW)	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	28.0

1.2. Unit selection (Based on Cooling Load)

1.2.1 Actual Performance Data

Determine correct table according to the outdoor unit model and combination ratio. Enter the table at given indoor and outdoor temperature and find the outdoor unit capacity and power input.
The individual indoor unit capacity (power input) can by calculated as follows.

IUC=OUC × INX/TNX

IUC: Each indoor unit capacity
OUC: Outdoors unit capacity
INX: Each indoor unit capacity index
TNX: Total capacity index

Then, correct the indoor unit capacity according to the piping length.
If the corrected capacity is smaller than the load, the size of indoor unit has to be increased and repeat the same selection procedure.

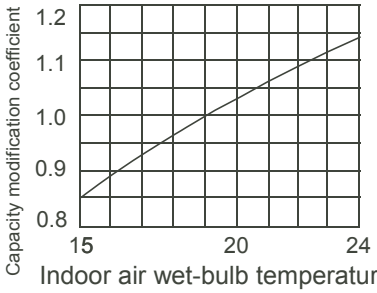
1.2.2 Variation in capacity in accordance with the length of refrigerant piping.

(1) Cooling capacity modification

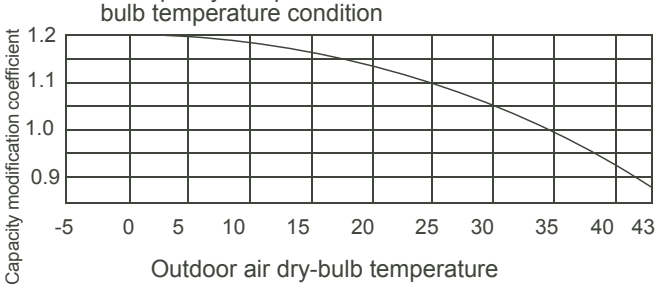
Cooling capacity modification=Refrigerating capacity x (AxBxCxD) W

Table 3. Cooling capacity modification

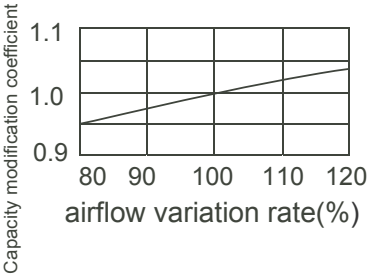
A. Capacity compensation coefficient of indoor air wet-bulb temperature condition



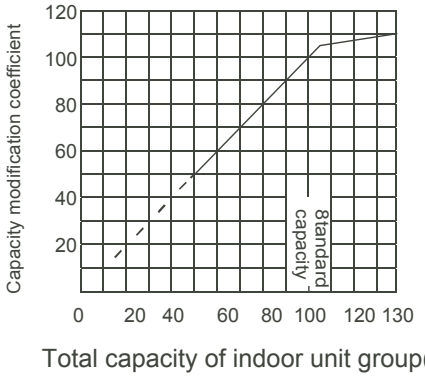
B. Capacity compensation coefficient of outdoor air dry-bulb temperature condition



C. Capacity modification coefficient under airflow variation rate of indoor unit group (only for duct unit)



D. Capacity compensation suitable for total capability of indoor unit group (cooling)



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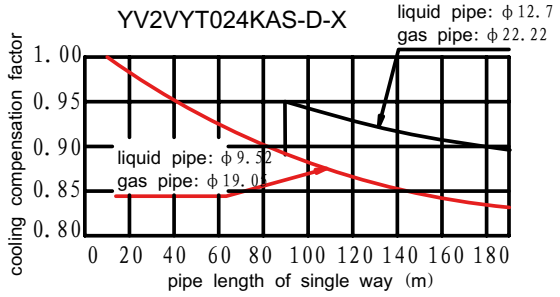
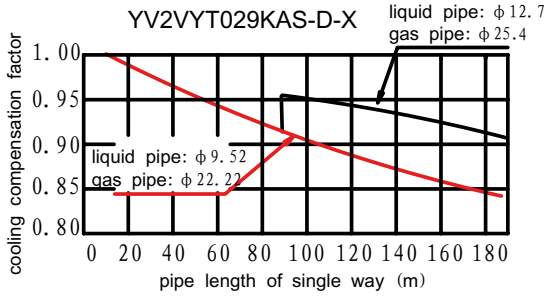
E: Capacity compensation value at different piping length and drop

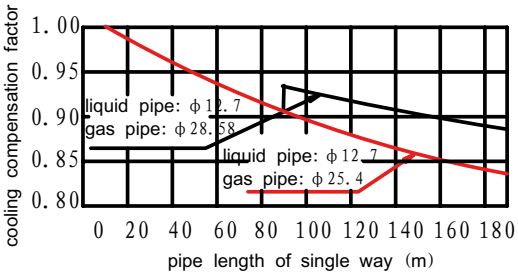
YV2VYT024KAS-D-X



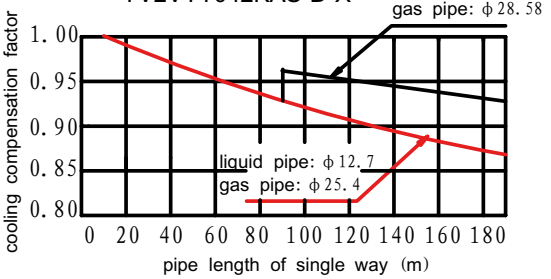
YV2VYT029KAS-D-X



YV2VYT035KAS-D-X



YV2VYT042KAS-D-X



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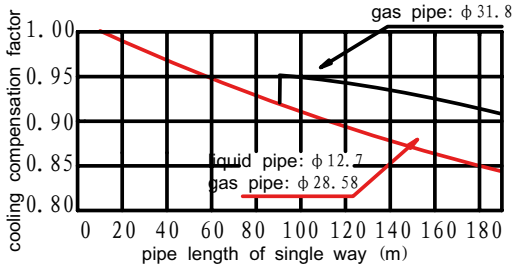

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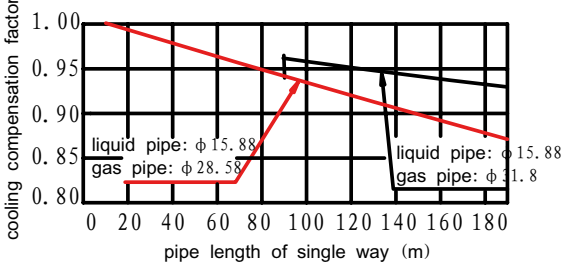

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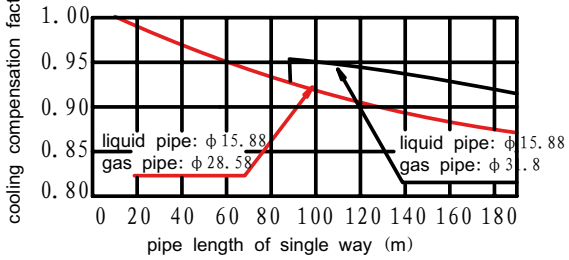
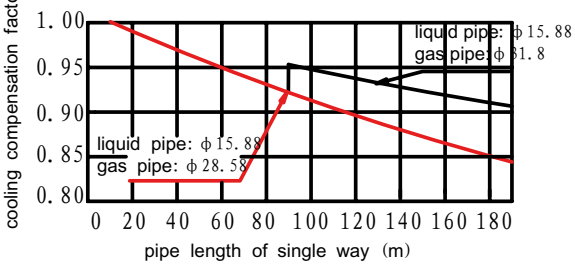
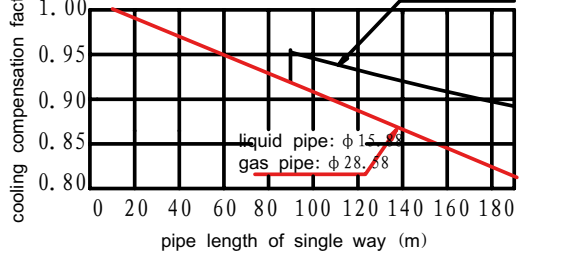


YV2VYT064KAS-D-X



YV2VYT071KAS-D-X



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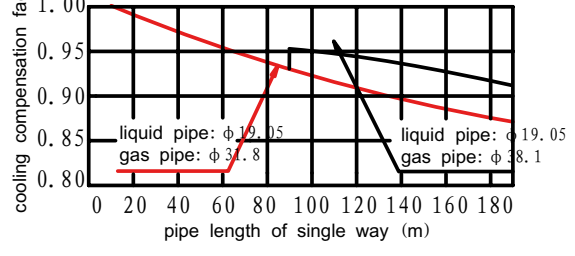
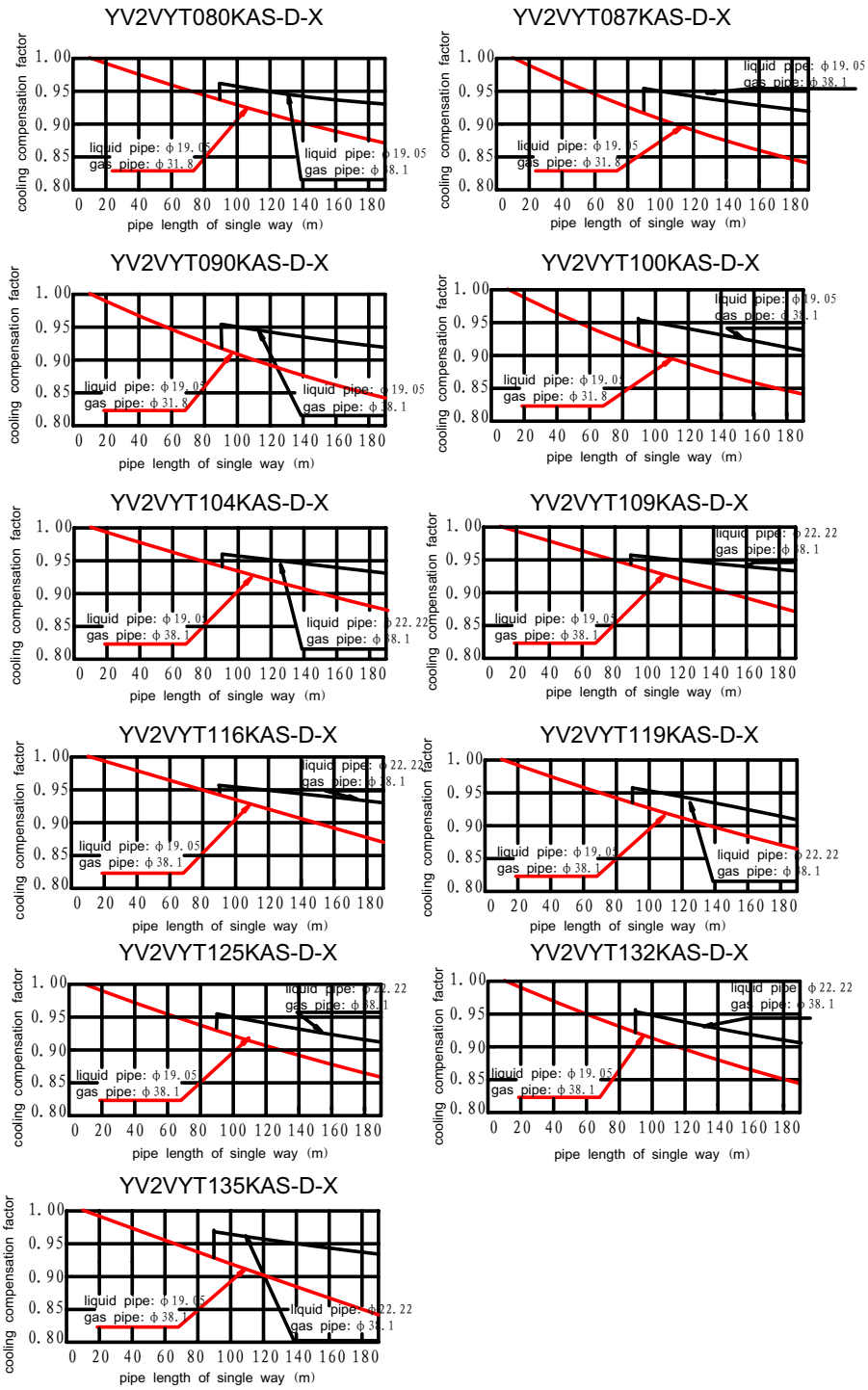




Note:

1.The refrigerant pipe should be thickened when the single way length is over 90m.

2.When in cooling mode, outdoor is lower than indoor; or when in heating mode, outdoor is higher than indoor, the compensation factor should be decreased the below value from the above figure.

Table 4. Height drop between indoor and outdoor adjustment factor

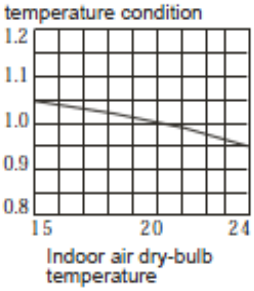
Verti height drop between indoor and outdoor	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m
Adjustment factor	0.003	0.006	0.009	0.012	0.015	0.018	0.021	0.024	0.027	0.03

(2) Calculation method of heating capacity---Heating capacity to be known

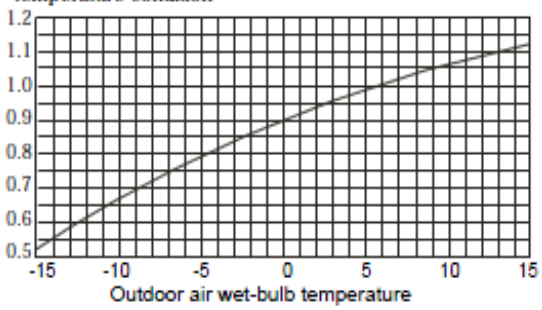
Heating Capacity Modification = Heating capacityx (A x B x C x D x E x F) W

Table 5. Calculation method of heating capacity

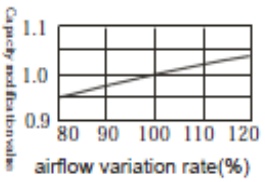
A. Capacity modification value under indoor air dry-bulb temperature condition



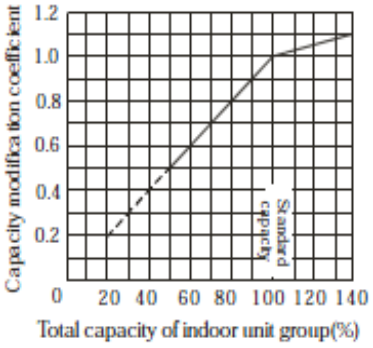
B. Capacity modification value under outdoor air wet-bulb temperature condition



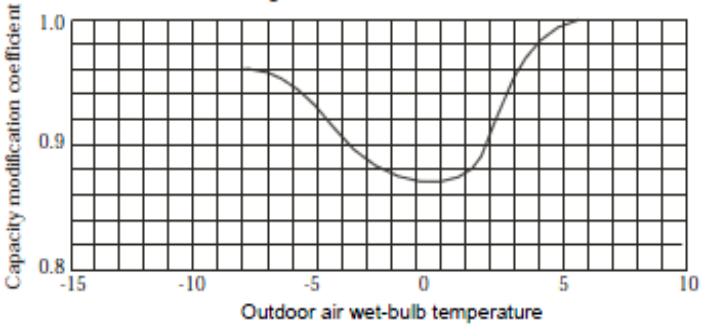
C. Capacity modification value under airflow variation rate of indoor unit group



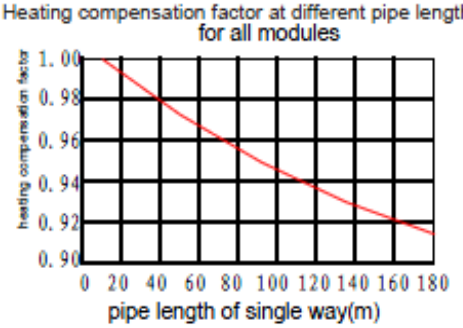
D. Capacity compensation suitable for total capability of indoor unit group (heating)



E. Capacity compensation coefficient for defrost capability of outdoor heat exchanger



F. Heating compensation factor at different pipe length for all modules



(3) Calculation method of refrigeration capacity---Only one indoor unit running

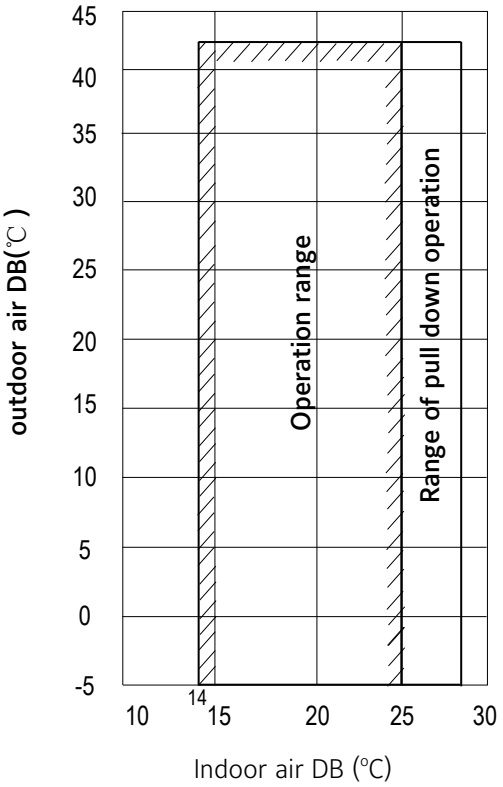
Outdoor modified capacity with a single indoor running=outdoor modified capacity* $\frac{\text{standby indoor normal capacity}}{\text{Indoor total normal capacity}}$

(Outdoor modified capacity heating or outdoor capacity after modify item 1 and 2)

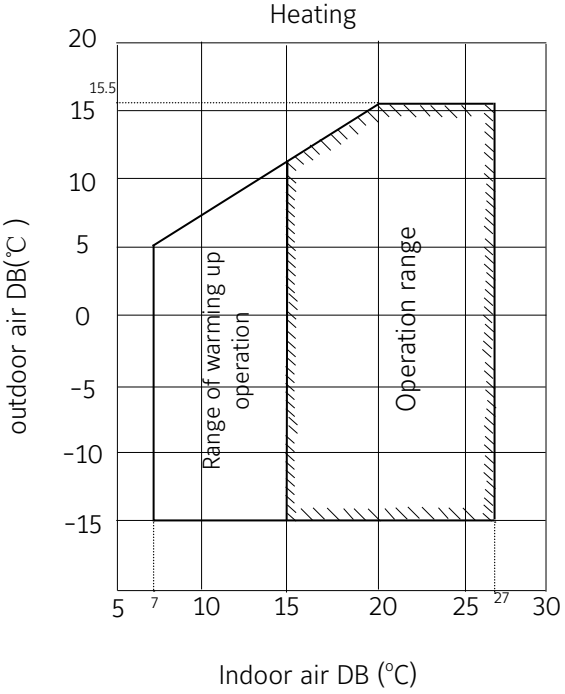
1.3. Operation Range

Table 6. Operation Range

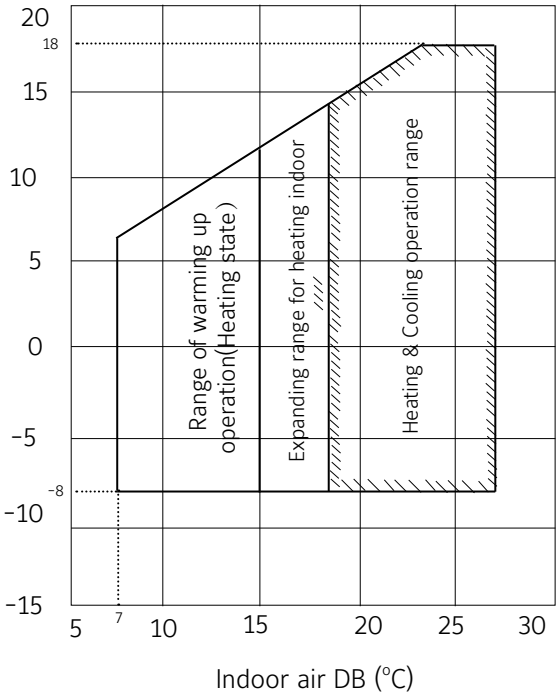
Cooling



Heating



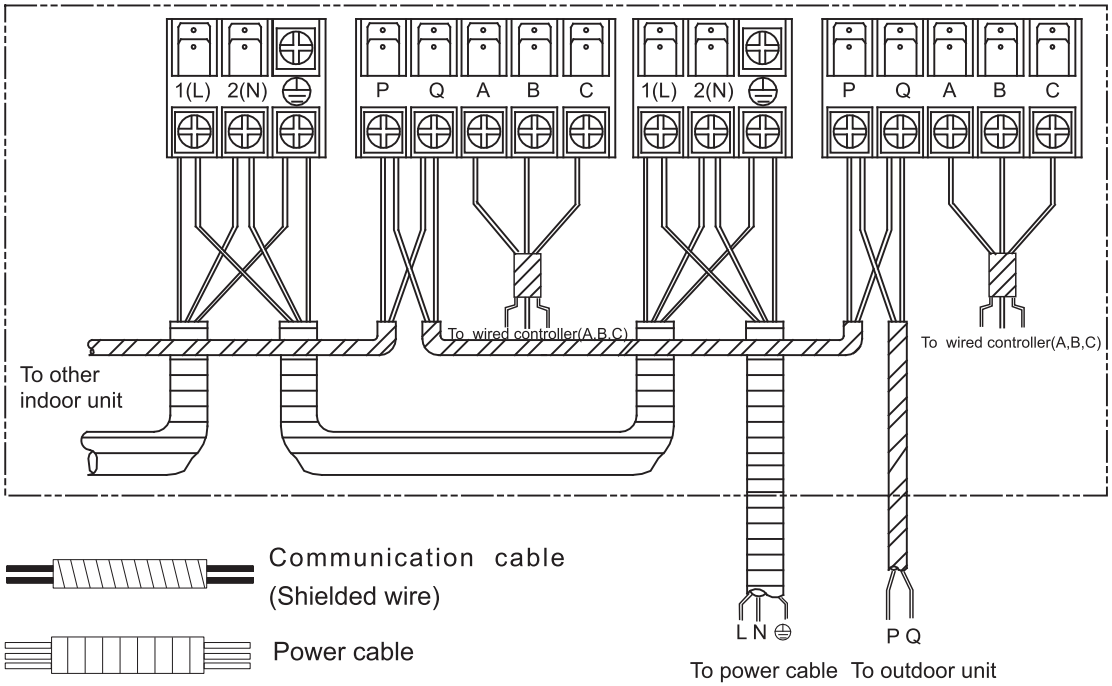
Cooling& Heating



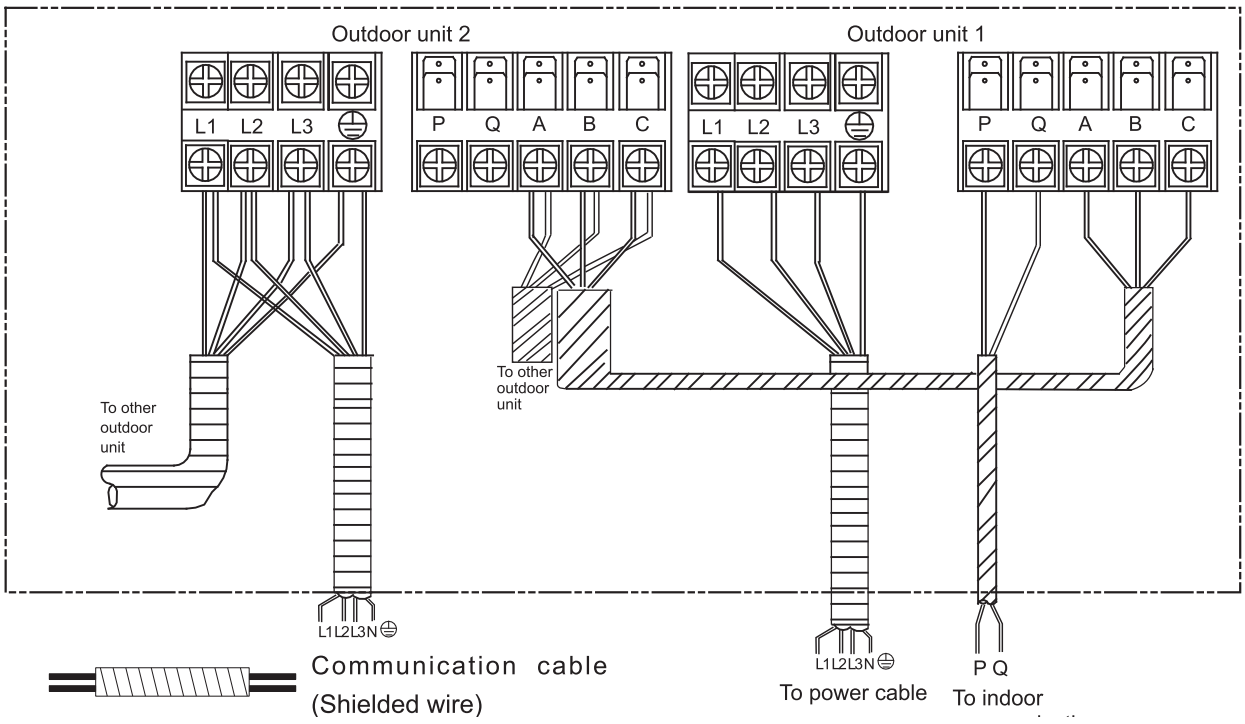
2. Field wiring

Figure 7. Field wiring of indoor and outdoor units (for example)

Wiring of indoor units(for example)



Wiring of outdoor units(for example)



3. Specification

3.1. 380V heat recovery outdoor unit

Table 8. General specification (380V heat recovery outdoor unit)

Model			YV2VYT024KAS-D-X	YV2VYT029KAS-D-X
Power supply		Ph-V-Hz	3Ph/380-400V/50-60Hz	3Ph/380-400V/50-60Hz
Nominal capacity		HP	8	10
Cooling*1	Capacity	kW	23.9	29.3
	Power Input	kW	5.95	7.63
	EER		4.02	3.84
	Current	A	9.72	12.47
Heating*1	Capacity	kW	26.5	32.8
	Power Input	kW	6.18	8.01
	COP		4.29	4.09
	Current	A	10.10	13.09
Max. Power Input		kW	12.37	14.7
Max. Current		A	19.85	23.4
Compressor	Type		DC INV. SCROLL	DC INV. SCROLL
	Capacity	W	17200W	17200W
	Power Input	W	5250W	5250W
	Rated Current (RLA)	A	18.5	18.5
	Speed	rps	60	60
	Crankcase Heater	W	33	33
	Refrigerant oil	ml	2300+1000	2300+1000
Outdoor fan motor	Voltage		208-230	208-230
	IP Class		IP23	IP23
	Type		DC	DC
	Insulation Class		B	B
	Safe Class		I	I
	Power Input	W	1000	1000
	Output	W	750	750
	Rated Current	A	4.4	4.4
	Capacitor	μF	/	/
	Speed	rpm	825	825
Outdoor fan	Material		Plastic	Plastic
	Type		Axial	Axial
	Diameter	mm	642	642
	Height	mm	198	198
Outdoor coil	Number of Rows		2	2
	Tube Pitch (a) x Row Pitch (b)	mm	19.05*22	19.05*22
	Fin Spacing	mm	1.70	1.70
	Fin Type		Hydrophilic aluminum	Hydrophilic aluminum
	Fin Coating Type	Optional	Clear lacquer	Clear lacquer
	Salt Spray Test Duration	Hour	168	168
	Tube Outside Dia.and Type		INNERGROOVE TUBE	INNERGROOVE TUBE
		mm	Φ8	Φ8
	Coil Length x Height	mm	(1340x660)*2	(1340x660)*2
	Number of Circuits		10	10
Cabinet Coating	Coating Type		Powder Coating	Powder Coating
	Salt Spray Test Duration	Hour	72	72
	Sheet Metal Material		Hot zinc plate	Hot zinc plate
	Sheet Metal Thickness		0.8	0.8

To be continued

Continued

Model			YV2VYT024KAS-D-X	YV2VYT029KAS-D-X
Control Panel Enclosure IP Class			IP24	IP24
Outdoor Air Flow		m^3/h	11100	11100
Outdoor Sound Level (Sound Pressure Level)		dB (A)	57	57
Outdoor unit	Dimension (WxHxD)	mm	990x1808x750	990x1808x750
	Packing (WxHxD)	mm	1090x1990x860	1090x1990x860
	Net/Gross weight	kg	240/268	240/268
Refrigerant	Type		R-410A	R-410A
	Charged volume*2	kg	10	10
Throttle type			EXV	EXV
Design pressure		MPa	4.15	4.15
Refrigerant piping	Liquid / Suction gas / High pressure gas	mm	ø9.52/ø19.05/ø19.05	ø9.52/ø22.2/ø19.05
	Max. Refrigerant pipe length	m	175	175
	Max.Diff. indoor/outdoor unit	m	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)
	Max.Diff. indoor/indoor unit	m	15	15
Maximum indoor units		Piece	13	16
Connection wiring	Power wiring	mm^2	10	16
	Signal wiring	mm^2	shield wire: (0.75-2)*2	shield wire: (0.75-2)*2
Operation Range		°C	Cooling: -5°C-43°CDB Cooling&Heating:-8OC-18OCWB Heating: -15°C-15.5°CWB	Cooling: -5OC-43°CDB Cooling&Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB
Qty per 20'/40'/40'HQ			9/20/20	9/20/20

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB
Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

Model			YV2VYT035KAS-D-X	YV2VYT042KAS-D-X
Power supply		Ph-V-Hz	3Ph/380-400V/50-60Hz	3Ph/380-400V/50-60Hz
Nominal capacity		HP	12	14
Cooling*1	Capacity	kW	35.1	41.7
	Power Input	kW	9.20	12.21
	EER		3.82	3.42
	Current	A	15.03	19.95
Heating*1	Capacity	kW	39.2	46.8
	Power Input	kW	9.23	11.35
	COP		4.25	4.12
	Current	A	15.08	18.54
Max. Power Input		kW	17.54	18.55
Max. Current		A	27.9	29.5
Compressor	Type		DC INV. SCROLL+ STD SCROLL	DC INV. SCROLL+ STD SCROLL
	Capacity	W	17200W+21000W	17200W+21000W
	Power Input	W	5250W+6520W	5250W+6520W
	Rated Current (RLA)	A	18.5+9.4	18.5+9.4
	Speed	rps	60	60
	Crankcase Heater	W	33+33	33+33
	Refrigerant oil	ml	2300+1700+2000	2300+1700+2000
Outdoor fan motor	Voltage		208-230	208-230
	IP Class		IP23	IP23
	Type		DC	DC
	Insulation Class		E	E
	Safe Class		I	I
	Power Input	W	500*2	500*2
	Output	W	375*2	375*2
	Rated Current	A	3.0*2	3.0*2
	Capacitor	μF	/	/
	Speed	rpm	960	960
Outdoor fan	Material		Plastic	Plastic
	Type		Axial	Axial
	Diameter	mm	540	540
	Height	mm	190.5	190.5
Outdoor coil	Number of Rows		3	3
	Tube Pitch (a) x Row Pitch (b)	mm	19.05*22	19.05*22
	Fin Spacing	mm	1.70	1.70
	Fin Type		Hydrophilic aluminum	Hydrophilic aluminum
	Fin Coating Type	Optional	Clear lacquer	Clear lacquer
	Salt Spray Test Duration	Hour	168	168
	Tube Outside Dia.and Type		INNERGROOVE TUBE	INNERGROOVE TUBE
		mm	Φ8	Φ8
	Coil Length x Height	mm	(1760x660)*2	(1760x660)*2
	Number of Circuits		16	16
Cabinet Coating	Coating Type		Powder Coating	Powder Coating
	Salt Spray Test Duration	Hour	72	72
	Sheet Metal Material		Hot zinc plate	Hot zinc plate
	Sheet Metal Thickness		0.8	0.8

Continued

Model			YV2VYT035KAS-D-X	YV2VYT042KAS-D-X
Control Panel Enclosure IP Class			IP24	IP24
Outdoor Air Flow		m^3/h	14100	14100
Outdoor Sound Level (Sound Pressure Level)		dB (A)	60	60
Outdoor unit	Dimension (WxHxD)	mm	1390x1808x750	1390x1808x750
	Packing (WxHxD)	mm	1490x1990x860	1490x1990x860
	Net/Gross weight	kg	368/393	368/393
Refrigerant	Type		R-410A	R-410A
	Charged volume*2	kg	10	10
Throttle type			EXV	EXV
Design pressure		MPa	4.15	4.15
Refrigerant piping	Liquid / Suction gas / High pressure gas	mm	ø12.7/ø25.4/ø22.22	ø12.7/ø25.4/ø22.22
	Max. Refrigerant pipe length	m	175	175
	Max.Diff. indoor/outdoor unit	m	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)
	Max.Diff. indoor/indoor unit	m	15	15
Maximum indoor units		Piece	19	23
Connection wiring	Power wiring	mm^2	16	16
	Signal wiring	mm^2	Shield Wire: (0.75-2)*2	Shield Wire: (0.75-2)*2
Operation Range		°C	Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB	Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB
Qty per 20'/40'/40'HQ			7/14/14	7/14/14

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB
Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

Model			YV2VYT045KAS-D-X	YV2VYT053KAS-D-X
Power supply		Ph-V-Hz	3Ph/380-400V/50-60Hz	380~400-3-50/60
Nominal capacity		HP	16	18
Cooling*1	Capacity	kW	45	53.2
	Power Input	kW	13.95	13.58
	EER		3.23	3.92
	Current	A	22.79	22.19
Heating*1	Capacity	kW	50.7	59.3
	Power Input	kW	13.41	14.19
	COP		3.78	4.18
	Current	A	21.91	23.18
Max. Power Input		kW	20.48	27.07
Max. Current		A	32.37	43.25
Compressor	Type		DC INV. SCROLL+ STD SCROLL	DC INV. SCROLL+ STD SCROLL
	Capacity	W	17200W+21000W	17200W+17200W
	Power Input	W	5250W+6520W	5250W+5250W
	Rated Current (RLA)	A	18.5+9.4	18.5+18.5
	Speed	rps	60	60
	Crankcase Heater	W	33+33	33+33
	Refrigerant oil	ml	2300+1700+2000	(2300+1000)+(2300+1000)
Outdoor fan motor	Voltage		208-230	208-230
	IP Class		IP23	IP23
	Type		DC	DC
	Insulation Class		E	B
	Safe Class		I	I
	Power Input	W	500*2	1000+1000
	Output	W	375*2	750+750
	Rated Current	A	3.0*2	4.4+4.4
	Capacitor	μF	/	/
	Speed	rpm	960	825+825
Outdoor fan	Material		Plastic	Plastic
	Type		Axial	Axial
	Diameter	mm	540	642+642
	Height	mm	190.5	198+198
Outdoor coil	Number of Rows		3	2+2
	Tube Pitch (a) x Row Pitch (b)	mm	19.05*22	19.05*22
	Fin Spacing	mm	1.70	1.70
	Fin Type		Hydrophilic aluminum	Hydrophilic aluminum
	Fin Coating Type	Optional	Clear lacquer	Clear lacquer
	Salt Spray Test Duration	Hour	168	168
	Tube Outside Dia.and Type		INNERGROOVE TUBE	INNERGROOVE TUBE
		mm	Φ8	Φ8
	Coil Length x Height	mm	(1760x660)*2	((1340x660)*2) + ((1340x660)*2)
	Number of Circuits		16	10+10
Cabinet Coating	Coating Type		Powder Coating	Powder Coating
	Salt Spray Test Duration	Hour	72	72
	Sheet Metal Material		Hot zinc plate	Hot zinc plate
	Sheet Metal Thickness		0.8	0.8

Continued

Model			YV2VYT045KAS-D-X	YV2VYT053KAS-D-X
Control Panel Enclosure IP Class			IP24	IP24
Outdoor Air Flow		m^3/h	14100	22200
Outdoor Sound Level (Sound Pressure Level)		dB (A)	60	60
Outdoor unit	Dimension (WxHxD)	mm	1390x1808x750	(990x1808x750)*2
	Packing (WxHxD)	mm	1490x1990x860	(1090x1990x860)*2
	Net/Gross weight	kg	368/393	480/510
Refrigerant	Type		R410A	R-410A
	Charged volume*2	kg	10	20
Throttle type			EXV	EXV
Design pressure		MPa	4.15	4.15
Refrigerant piping	Liquid / Suction gas / High pressure gas	mm	ø12.7/ø28.58/ø25.4	ø15.88/ø28.58/ø25.4
	Max. Refrigerant pipe length	m	175	175
	Max.Diff. indoor/outdoor unit	m	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)
	Max.Diff. indoor/indoor unit	m	15	15
Maximum indoor units		Piece	26	29
Connection wiring	Power wiring	mm^2	25	26
	Signal wiring	mm^2	Shield Wire: (0.75-2)*2	Shield Wire: (0.75-2)*2
Operation Range		°C	Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB	Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB
Qty per 20'/40'/40'HQ			7/14/14	9/20/20+9/20/20

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB
Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

Model			YV2VYT059KAS-D-X	YV2VYT064KAS-D-X
Power supply		Ph-V-Hz	380~400-3-50/60	380~400-3-50/60
Nominal capacity		HP	20	22
Cooling*1	Capacity	kW	58.6	64.4
	Power Input	kW	15.26	16.83
	EER		3.84	3.83
	Current	A	24.93	27.50
Heating*1	Capacity	kW	65.6	72
	Power Input	kW	16.02	17.24
	COP		4.09	4.18
	Current	A	26.17	28.17
Max. Power Input		kW	29.4	32.24
Max. Current		A	46.8	51.3
Compressor	Type		DC INV. SCROLL*2	DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL)
	Capacity	W	17200W*2	17200W+ (17200W+21000W)
	Power Input	W	5250W*2	5250W+ (5250W+6520W)
	Rated Current (RLA)	A	18.5*2	18.5+ (18.5+9.4)
	Speed	rps	60	60
	Crankcase Heater	W	33*2	33+(33+33)
	Refrigerant oil	ml	2300+1000*2	2300+1000+ (2300+1700+2000)
Outdoor fan motor	Voltage		208-230	208-230
	IP Class		IP23	IP23
	Type		DC	DC
	Insulation Class		B	E
	Safe Class		I	I
	Power Input	W	1000*2	1000+500*2
	Output	W	750*2	750+375*2
	Rated Current	A	4.4*2	4.4+3.0*2
	Capacitor	μF	/	/
	Speed	rpm	825*2	825+960
Outdoor fan	Material		Plastic	Plastic
	Type		Axial	Axial
	Diameter	mm	642*2	642+540
	Height	mm	198*2	198+190.5
Outdoor coil	Number of Rows		2*2	2+3
	Tube Pitch (a) x Row Pitch (b)	mm	19.05*22	19.05*22
	Fin Spacing	mm	1.70	1.70
	Fin Type		Hydrophilic aluminum	Hydrophilic aluminum
	Fin Coating Type	Optional	Clear lacquer	Clear lacquer
	Salt Spray Test Duration	Hour	168	168
	Tube Outside Dia.and Type		INNERGROOVE TUBE	INNERGROOVE TUBE
		mm	Φ8	Φ8
	Coil Length x Height	mm	(1340x660)*2*2	(1340x660)*2 + (1760x660)*2
	Number of Circuits		10*2	10+16
Cabinet Coating	Coating Type		Powder Coating	Powder Coating
	Salt Spray Test Duration	Hour	72	72
	Sheet Metal Material		Hot zinc plate	Hot zinc plate
	Sheet Metal Thickness		0.8	0.8

Continued

Model			YV2VYT059KAS-D-X	YV2VYT064KAS-D-X
Control Panel Enclosure IP Class			IP24	IP24
Outdoor Air Flow		m^3/h	22200	25200
Outdoor Sound Level (Sound Pressure Level)		dB (A)	60	61
Outdoor unit	Dimension (WxHxD)	mm	(990x1808x750)*2	990x1808x750+1390x1808x750
	Packing (WxHxD)	mm	(1090x1990x860)*2	1090x1990x860+1490x1990x860
	Net/Gross weight	kg	480/510	608/641
Refrigerant	Type		R-410A	R-410A
	Charged volume*2	kg	20	20
Throttle type			EXV	EXV
Design pressure		MPa	4.15	4.15
Refrigerant piping	Liquid / Suction gas / High pressure gas	mm	ø15.88/ø28.58/ø25.4	ø15.88/ø28.58/ø25.4
	Max. Refrigerant pipe length	m	175	175
	Max.Diff. indoor/outdoor unit	m	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)
	Max.Diff. indoor/indoor unit	m	15	15
Maximum indoor units		Piece	33	36
Connection wiring	Power wiring	mm^2	32	32
	Signal wiring	mm^2	Shield Wire: (0.75-2)*2	Shield Wire: (0.75-2)*2
Operation Range		°C	Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB	Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB
Qty per 20'/40'/40'HQ			(9/20/20)*2	9/20/20+7/14/14

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB
Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

Model			YV2VYT071KAS-D-X	YV2VYT074KAS-D-X
Power supply		Ph-V-Hz	380~400-3-50/60	380~400-3-50/60
Nominal capacity		HP	24	26
Cooling*1	Capacity	kW	71	74.3
	Power Input	kW	19.84	21.58
	EER		3.58	3.44
	Current	A	32.41	35.26
Heating*1	Capacity	kW	79.6	83.5
	Power Input	kW	19.36	21.42
	COP		4.11	3.90
	Current	A	31.63	34.99
Max. Power Input		kW	33.25	35.18
Max. Current		A	52.9	55.77
Compressor	Type		DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL)	DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL)
	Capacity	W	17200W+ (17200W+21000W)	17200W+ (17200W+21000W)
	Power Input	W	5250W+ (5250W+6520W)	5250W+ (5250W+6520W)
	Rated Current (RLA)	A	18.5+ (18.5+9.4)	18.5+ (18.5+9.4)
	Speed	rps	60	60
	Crankcase Heater	W	33+ (33+33)	33+ (33+33)
	Refrigerant oil	ml	2300+1000+ (2300+1700+2000)	2300+1000+ (2300+1700+2000)
Outdoor fan motor	Voltage		208-230	208-230
	IP Class		IP23	IP23
	Type		DC	DC
	Insulation Class		E	E
	Safe Class		I	I
	Power Input	W	1000+500*2	1000+500*2
	Output	W	750+375*2	750+375*2
	Rated Current	A	4.4+3.0*2	4.4+3.0*2
	Capacitor	μF	/	/
	Speed	rpm	825+960	825+960
Outdoor fan	Material		Plastic	Plastic
	Type		Axial	Axial
	Diameter	mm	642+540	642+540
	Height	mm	198+190.5	198+190.5
Outdoor coil	Number of Rows		2+3	2+3
	Tube Pitch (a) x Row Pitch (b)	mm	19.05*22	19.05*22
	Fin Spacing	mm	1.70	1.70
	Fin Type		Hydrophilic aluminum	Hydrophilic aluminum
	Fin Coating Type	Optional	Clear lacquer	Clear lacquer
	Salt Spray Test Duration	Hour	168	168
	Tube Outside Dia.and Type		INNERGROOVE TUBE	INNERGROOVE TUBE
		mm	Φ8	Φ8
	Coil Length x Height	mm	(1340x660)*2+ (1760x660)*2	(1340x660)*2+ (1760x660)*2
	Number of Circuits		10+16	10+16
Cabinet Coating	Coating Type		Powder Coating	Powder Coating
	Salt Spray Test Duration	Hour	72	72
	Sheet Metal Material		Hot zinc plate	Hot zinc plate
	Sheet Metal Thickness		0.8	0.8

Continued

Model			YV2VYT071KAS-D-X	YV2VYT074KAS-D-X
Control Panel Enclosure IP Class			IP24	IP24
Outdoor Air Flow		m^3/h	25200	25200
Outdoor Sound Level (Sound Pressure Level)		dB (A)	61	61
Outdoor unit	Dimension (WxHxD)	mm	990x1808x750+1390x1808x750	990x1808x750+1390x1808x750
	Packing (WxHxD)	mm	1090x1990x860+1490x1990x860	1090x1990x860+1490x1990x860
	Net/Gross weight	kg	608/641	608/641
Refrigerant	Type		R-410A	R410A
	Charged volume*2	kg	20	20
Throttle type			EXV	EXV
Design pressure		MPa	4.15	4.15
Refrigerant piping	Liquid / Suction gas / High pressure gas	mm	ø15.88/ø31.8/ø28.58	ø19.05/ø31.8/ø28.58
	Max. Refrigerant pipe length	m	175	175
	Max.Diff. indoor/outdoor unit	m	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)
	Max.Diff. indoor/indoor unit	m	15	15
Maximum indoor units		Piece	39	43
Connection wiring	Power wiring	mm^2	32	32
	Signal wiring	mm^2	Shield Wire: (0.75-2)*2	Shield Wire: (0.75-2)*2
Operation Range		°C	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB
Qty per 20'/40'/40'HQ			9/20/20+7/14/14	9/20/20+7/14/14

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB
Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

Model			YV2VYT083KAS-D-X	YV2VYT087KAS-D-X
Power supply		Ph-V-Hz	380~400-3-50/60	380~400-3-50/60
Nominal capacity		HP	28	30
Cooling*1	Capacity	kW	83.4	86.7
	Power Input	kW	24.42	26.16
	EER		3.42	3.31
	Current	A	39.90	42.74
Heating*1	Capacity	kW	93.6	97.5
	Power Input	kW	22.70	24.76
	COP		4.12	3.94
	Current	A	37.09	40.45
Max. Power Input		kW	37.1	39.03
Max. Current		A	59	61.87
Compressor	Type		(DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL)	(DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL)
	Capacity	W	(17200W+21000W) + (17200W+21000W)	(17200W+21000W) + (17200W+21000W)
	Power Input	W	(5250W+6520W) + (5250W+6520W)	(5250W+6520W) + (5250W+6520W)
	Rated Current (RLA)	A	(18.5+9.4) + (18.5+9.4)	(18.5+9.4) + (18.5+9.4)
	Speed	rps	60	60
	Crankcase Heater	W	(33+33) + (33+33)	(33+33) + (33+33)
	Refrigerant oil	ml	(2300+1700+2000) + (2300+1700+2000)	(2300+1700+2000) + (2300+1700+2000)
Outdoor fan motor	Voltage		208-230	208-230
	IP Class		IP23	IP23
	Type		DC	DC
	Insulation Class		B	B
	Safe Class		I	I
	Power Input	W	500*2+500*2	500*2+500*2
	Output	W	375*2+375*2	375*2+375*2
	Rated Current	A	3.0*2+3.0*2	3.0*2+3.0*2
	Capacitor	μF	/	/
	Speed	rpm	960+960	960+960
Outdoor fan	Material		Plastic	Plastic
	Type		Axial	Axial
	Diameter	mm	540+540	540+540
	Height	mm	190.5+190.5	190.5+190.5
Outdoor coil	Number of Rows		3+3	3+3
	Tube Pitch (a) x Row Pitch (b)	mm	19.05*22	19.05*22
	Fin Spacing	mm	1.70	1.70
	Fin Type		Hydrophilic aluminum	Hydrophilic aluminum
	Fin Coating Type	Optional	Clear lacquer	Clear lacquer
	Salt Spray Test Duration	Hour	168	168
	Tube Outside Dia.and Type		INNERGROOVE TUBE	INNERGROOVE TUBE
		mm	Φ8	Φ8
	Coil Length x Height	mm	(1760x660)*2+ (1760x660)*2	(1760x660)*2+ (1760x660)*2
	Number of Circuits		16+16	16+16
Cabinet Coating	Coating Type		Powder Coating	Powder Coating
	Salt Spray Test Duration	Hour	72	72
	Sheet Metal Material		Hot zinc plate	Hot zinc plate
	Sheet Metal Thickness		0.8	0.8

Continued

Model			YV2VYT083KAS-D-X	YV2VYT087KAS-D-X
Control Panel Enclosure IP Class			IP24	IP24
Outdoor Air Flow		m^3/h	28200	28200
Outdoor Sound Level (Sound Pressure Level)		dB (A)	62	62
Outdoor unit	Dimension (WxHxD)	mm	1390x1808x750+1390x1808x750	1390x1808x750+1390x1808x750
	Packing (WxHxD)	mm	1490x1990x860+1490x1990x860	1490x1990x860+1490x1990x860
	Net/Gross weight	kg	736/772	736/772
Refrigerant	Type		R-410A	R-410A
	Charged volume*2	kg	20	20
Throttle type			EXV	EXV
Design pressure		MPa	4.15	4.15
Refrigerant piping	Liquid / Suction gas / High pressure gas	mm	ø19.05/ø31.8/ø28.58	ø19.05/ø31.8/ø28.58
	Max. Refrigerant pipe length	m	175	175
	Max.Diff. indoor/outdoor unit	m	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)
	Max.Diff. indoor/indoor unit	m	15	15
Maximum indoor units		Piece	46	50
Connection wiring	Power wiring	mm^2	41	42
	Signal wiring	mm^2	Shield Wire: (0.75-2)*2	Shield Wire: (0.75-2)*2
Operation Range		°C	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB
Qty per 20'/40'/40'HQ			7/14/14+7/14/14	7/14/14+7/14/14

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB
Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

Model			YV2VYT090KAS-D-X	YV2VYT100KAS-D-X
Power supply		Ph-V-Hz	380~400-3-50/60	380~400-3-50/60
Nominal capacity		HP	32	34
Cooling*1	Capacity	kW	90	100.3
	Power Input	kW	27.90	27.47
	EER		3.23	3.65
	Current	A	45.58	44.88
Heating*1	Capacity	kW	101.4	112.4
	Power Input	kW	26.82	27.37
	COP		3.78	4.11
	Current	A	43.82	44.72
Max. Power Input		kW	40.96	47.95
Max. Current		A	64.74	76.3
Compressor	Type		(DC INV. SCROLL+ STD SCROLL)*2	DC INV. SCROLL*2+ (DC INV. SCROLL+ STD SCROLL)
	Capacity	W	(17200W+21000W)*2	17200W*2+ (17200W+21000W)
	Power Input	W	(5250W+6520W)*2	5250W*2+ (5250W+6520W)
	Rated Current (RLA)	A	(18.5+9.4)*2	18.5*2+ (18.5+9.4)
	Speed	rps	60	60
	Crankcase Heater	W	(33+33)*2	33*2+ (33+33)
	Refrigerant oil	ml	(2300+1700+2000)*2	2300+1000*2+ (2300+1700+2000)
Outdoor fan motor	Voltage		208-230	208-230
	IP Class		IP23	IP23
	Type		DC	DC
	Insulation Class		E	E
	Safe Class		I	I
	Power Input	W	(500*2)*2	1000*2+500*2
	Output	W	(375*2)*2	750*2+375*2
	Rated Current	A	(3.0*2)*2	4.4*2+3.0*2
	Capacitor	μF	/	/
	Speed	rpm	960*2	825*2+960
Outdoor fan	Material		Plastic	Plastic
	Type		Axial	Axial
	Diameter	mm	540*2	642*2+540
	Height	mm	190.5*2	198*2+190.5
Outdoor coil	Number of Rows		3*2	2*2+3
	Tube Pitch (a) x Row Pitch (b)	mm	19.05*22	19.05*22
	Fin Spacing	mm	1.70	1.70
	Fin Type		Hydrophilic aluminum	Hydrophilic aluminum
	Fin Coating Type	Optional	Clear lacquer	Clear lacquer
	Salt Spray Test Duration	Hour	168	168
	Tube Outside Dia.and Type		INNERGROOVE TUBE	INNERGROOVE TUBE
		mm	Φ8	Φ8
	Coil Length x Height	mm	(1760x660)*2*2	(1340x660)*2*2+ (1760x660)*2
	Number of Circuits		16*2	10*2+16
Cabinet Coating	Coating Type		Powder Coating	Powder Coating
	Salt Spray Test Duration	Hour	72	72
	Sheet Metal Material		Hot zinc plate	Hot zinc plate
	Sheet Metal Thickness		0.8	0.8

Continued

Model			YV2VYT090KAS-D-X	YV2VYT100KAS-D-X
Control Panel Enclosure IP Class			IP24	IP24
Outdoor Air Flow		m^3/h	28200	39300
Outdoor Sound Level (Sound Pressure Level)		dB (A)	62	63
Outdoor unit	Dimension (WxHxD)	mm	(1390x1808x750)*2	990x1808x750*2+1390x1808x750
	Packing (WxHxD)	mm	(1490x1990x860)*2	1090x1990x860*2+1490x1990x860
	Net/Gross weight	kg	736/772	848/896
Refrigerant	Type		R-410A	R-410A
	Charged volume*2	kg	20	30
Throttle type			EXV	EXV
Design pressure		MPa	4.15	4.15
Refrigerant piping	Liquid / Suction gas / High pressure gas	mm	ø19.05/ø31.8/ø28.58	ø19.05/ø31.8/ø28.58
	Max. Refrigerant pipe length	m	175	175
	Max.Diff. indoor/outdoor unit	m	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)
	Max.Diff. indoor/indoor unit	m	15	15
Maximum indoor units		Piece	53	56
Connection wiring	Power wiring	mm^2	42	42
	Signal wiring	mm^2	Shield Wire: (0.75-2)*2	Shield Wire: (0.75-2)*2
Operation Range		°C	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB
Qty per 20'/40'/40'HQ			(7/14/14)*2	(9/20/20)*2+7/14/14

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB
Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

Model			YV2VYT104KAS-D-X	YV2VYT113KAS-D-X
Power supply		Ph-V-Hz	380~400-3-50/60	380~400-3-50/60
Nominal capacity		HP	36	38
Cooling*1	Capacity	kW	103.6	112.7
	Power Input	kW	29.21	32.05
	EER		3.55	3.52
	Current	A	47.72	52.36
Heating*1	Capacity	kW	116.3	126.4
	Power Input	kW	29.43	30.71
	COP		3.95	4.12
	Current	A	48.08	50.17
Max. Power Input		kW	49.88	51.8
Max. Current		A	79.17	82.4
Compressor	Type		DC INV. SCROLL*2+ (DC INV. SCROLL+STD SCROLL)	DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL)
	Capacity	W	17200W*2+ (17200W+21000W)	17200W+ (17200W+21000W) + (17200W+21000W)
	Power Input	W	5250W*2+ (5250W+6520W)	5250W+ (5250W+6520W) + (5250W+6520W)
	Rated Current (RLA)	A	18.5*2+ (18.5+9.4)	18.5+ (18.5+9.4) + (18.5+9.4)
	Speed	rps	60	60
	Crankcase Heater	W	33*2+ (33+33)	33+(33+33)+(33+33)
	Refrigerant oil	ml	(2300+1000)*2+ (2300+1700+2000)	(2300+1000) + (2300+1700+2000) + (2300+1700+2000)
Outdoor fan motor	Voltage		208-230	208-230
	IP Class		IP23	IP23
	Type		DC	DC
	Insulation Class		E	B
	Safe Class		I	I
	Power Input	W	1000*2+500*2	1000+500*2+500*2
	Output	W	750*2+375*2	750+375*2+375*2
	Rated Current	A	4.4*2+3.0*2	4.4+3.0*2+3.0*2
	Capacitor	μF	/	/
	Speed	rpm	825*2+960	825+960+960
Outdoor fan	Material		Plastic	Plastic
	Type		Axial	Axial
	Diameter	mm	642*2+540	642+540+540
	Height	mm	198*2+190.5	198+190.5+190.5
Outdoor coil	Number of Rows		2*2+3	2+3+3
	Tube Pitch (a) x Row Pitch (b)	mm	19.05*22	19.05*22
	Fin Spacing	mm	1.70	1.70
	Fin Type		Hydrophilic aluminum	Hydrophilic aluminum
	Fin Coating Type	Optional	Clear lacquer	Clear lacquer
	Salt Spray Test Duration	Hour	168	168
	Tube Outside Dia.and Type		INNERGROOVE TUBE	INNERGROOVE TUBE
		mm	Φ8	Φ8
	Coil Length x Height	mm	(1340x660)*2*2+ (1760x660)*2	(1340x660)*2+ (1760x660)*2+ (1760x660)*2
	Number of Circuits		10*2+16	10+16+16
Cabinet Coating	Coating Type		Powder Coating	Powder Coating
	Salt Spray Test Duration	Hour	72	72
	Sheet Metal Material		Hot zinc plate	Hot zinc plate
	Sheet Metal Thickness		0.8	0.8

Continued

Model			YV2VYT104KAS-D-X	YV2VYT113KAS-D-X
Control Panel Enclosure IP Class			IP24	IP24
Outdoor Air Flow		m^3/h	36300	39300
Outdoor Sound Level (Sound Pressure Level)		dB (A)	63	63
Outdoor unit	Dimension (WxHxD)	mm	(990x1808x750)*2+ (1390x1808x750)	990x1808x750+1390x1808x750+1390x1808x750
	Packing (WxHxD)	mm	(1090x1990x860)*2+ (1490x1990x860)	1090x1990x860+1490x1990x860+1490x1990x860
	Net/Gross weight	kg	848/896	976/1027
Refrigerant	Type		R410A	R-410A
	Charged volume*2	kg	30	30
Throttle type			EXV	EXV
Design pressure		MPa	4.15	4.15
Refrigerant piping	Liquid / Suction gas / High pressure gas	mm	ø19.05/ø38.1/ø34.9	ø19.05/ø38.1/ø34.9
	Max. Refrigerant pipe length	m	175	175
	Max.Diff. indoor/outdoor unit	m	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)
	Max.Diff. indoor/indoor unit	m	15	15
Maximum indoor units		Piece	59	63
Connection wiring	Power wiring	mm^2	51	57
	Signal wiring	mm^2	Shield Wire: (0.75-2)*2	Shield Wire: (0.75-2)*2
Operation Range		°C	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C15.5°CWB	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C15.5°CWB
Qty per 20'/40'/40'HQ			9/20/20*2+7/14/14	9/20/20+7/14/14+7/14/14

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB
Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

Model			YV2VYT116KAS-D-X	YV2VYT119KAS-D-X
Power supply		Ph-V-Hz	380~400-3-50/60	380~400-3-50/60
Nominal capacity		HP	40	42
Cooling*1	Capacity	kW	116	119.3
	Power Input	kW	33.79	35.53
	EER		3.43	3.36
	Current	A	55.20	58.05
Heating*1	Capacity	kW	130.3	134.2
	Power Input	kW	32.77	34.83
	COP		3.98	3.85
	Current	A	53.54	56.90
Max. Power Input		kW	53.73	55.66
Max. Current		A	85.27	88.14
Compressor	Type		DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL)	DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL)*2
	Capacity	W	17200W+(17200W+21000W)+ (17200W+21000W)	17200W+ (17200W+21000W)*2
	Power Input	W	5250W+(5250W+6520W)+ (5250W+6520W)	5250W+ (5250W+6520W)*2
	Rated Current (RLA)	A	18.5+ (18.5+9.4) + (18.5+9.4)	18.5 + (18.5+9.4)*2
	Speed	rps	60	60
	Crankcase Heater	W	33+ (33+33) + (33+33)	33+ (33+33)*2
	Refrigerant oil	ml	(2300+1000) + (2300+1700+2000)+ (2300+1700+2000)	(2300+1000) + (2300+1700+2000)*2
Outdoor fan motor	Voltage		208-230	208-230
	IP Class		IP23	IP23
	Type		DC	DC
	Insulation Class		E	E
	Safe Class		I	I
	Power Input	W	1000+500*2+500*2	1000+(500*2)*2
	Output	W	750+375*2+375*2	750+(375*2)*2
	Rated Current	A	4.4+3.0*2+3.0*2	4.4+(3.0*2)*2
	Capacitor	μF	/	/
	Speed	rpm	825+960+960	825+960*2
Outdoor fan	Material		Plastic	Plastic
	Type		Axial	Axial
	Diameter	mm	642+540+540	642+540*2
	Height	mm	198+190.5+190.5	198+190.5*2
Outdoor coil	Number of Rows		2+3+3	2+3*2
	Tube Pitch (a) x Row Pitch (b)	mm	19.05*22	19.05*22
	Fin Spacing	mm	1.70	1.70
	Fin Type		Hydrophilic aluminum	Hydrophilic aluminum
	Fin Coating Type	Optional	Clear lacquer	Clear lacquer
	Salt Spray Test Duration	Hour	168	168
	Tube Outside Dia.and Type		INNERGROOVE TUBE	INNERGROOVE TUBE
		mm	Φ8	Φ8
	Coil Length x Height	mm	(1340x660)*2+ (1760x660)*2+ (1760x660)*2	(1340x660)*2+ (1760x660)*2*2
	Number of Circuits		10+16+16	10+16*2
Cabinet Coating	Coating Type		Powder Coating	Powder Coating
	Salt Spray Test Duration	Hour	72	72
	Sheet Metal Material		Hot zinc plate	Hot zinc plate
	Sheet Metal Thickness		0.8	0.8

Continued

Model			YV2VYT116KAS-D-X	YV2VYT119KAS-D-X
Control Panel Enclosure IP Class			IP24	IP24
Outdoor Air Flow		m^3/h	39300	39300
Outdoor Sound Level (Sound Pressure Level)		dB (A)	63	63
Outdoor unit	Dimension (WxHxD)	mm	(990x1808x750) + (1390x1808x750)+ (1390x1808x750)	(990x1808x750)+ (1390x1808x750)*2
	Packing (WxHxD)	mm	(1090x1990x860) + (1490x1990x860)+ (1490x1990x860)	(1090x1990x860) + (1490x1990x860)*2
	Net/Gross weight	kg	976/1027	976/1027
Refrigerant	Type		R-410A	R-410A
	Charged volume*2	kg	30	30
Throttle type			EXV	EXV
Design pressure		MPa	4.15	4.15
Refrigerant piping	Liquid / Suction gas / High pressure gas	mm	ø19.05/ø38.1/ø34.9	ø19.05/ø38.1/ø34.9
	Max. Refrigerant pipe length	m	175	175
	Max.Diff. indoor/outdoor unit	m	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)
	Max.Diff. indoor/indoor unit	m	15	15
Maximum indoor units		Piece	64	64
Connection wiring	Power wiring	mm^2	57	57
	Signal wiring	mm^2	Shield Wire: (0.75-2)*2	Shield Wire: (0.75-2)*2
Operation Range		°C	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB
Qty per 20'/40'/40'HQ			9/20/20+7/14/14+7/14/14	9/20/20+7/14/14*2

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB
Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

Model			YV2VYT125KAS-D-X	YV2VYT132KAS-D-X
Power supply		Ph-V-Hz	380~400-3-50/60	380~400-3-50/60
Nominal capacity		HP	44	46
Cooling*1	Capacity	kW	125.1	131.7
	Power Input	kW	37.10	40.11
	EER		3.37	3.28
	Current	A	60.61	65.53
Heating*1	Capacity	kW	140.6	148.2
	Power Input	kW	36.05	38.17
	COP		3.90	3.88
	Current	A	58.90	62.36
Max. Power Input		kW	58.5	59.51
Max. Current		A	92.64	94.24
Compressor	Type		(DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL)*2	(DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL)*2
	Capacity	W	(17200W+21000W)+ (17200W+21000W)*2	(17200W+21000W)+ (17200W+21000W)*2
	Power Input	W	(5250W+6520W) + (5250W+6520W)*2	(5250W+6520W) + (5250W+6520W)*2
	Rated Current (RLA)	A	(18.5+9.4) + (18.5+9.4)*2	(18.5+9.4)+ (18.5+9.4)*2
	Speed	rps	60	60
	Crankcase Heater	W	(33+33) + (33+33)*2	(33+33) + (33+33)*2
	Refrigerant oil	ml	(2300+1700+2000) + (2300+1700+2000)*2	(2300+1700+2000) + (2300+1700+2000)*2
Outdoor fan motor	Voltage		208-230	208-230
	IP Class		IP23	IP23
	Type		DC	DC
	Insulation Class		E	B
	Safe Class		I	I
	Power Input	W	500*2+ (500*2)*2	500*2+ (500*2)*2
	Output	W	375*2+ (375*2)*2	375*2+ (375*2)*2
	Rated Current	A	3.0*2+ (3.0*2)*2	3.0*2+ (3.0*2)*2
	Capacitor	μF	/	/
	Speed	rpm	960+960*2	960+960*2
Outdoor fan	Material		Plastic	Plastic
	Type		Axial	Axial
	Diameter	mm	540+540*2	540+540*2
	Height	mm	190.5+190.5*2	190.5+190.5*2
Outdoor coil	Number of Rows		3+3*2	3+3*2
	Tube Pitch (a) x Row Pitch (b)	mm	19.05*22	19.05*22
	Fin Spacing	mm	1.70	1.70
	Fin Type		Hydrophilic aluminum	Hydrophilic aluminum
	Fin Coating Type	Optional	Clear lacquer	Clear lacquer
	Salt Spray Test Duration	Hour	168	168
	Tube Outside Dia.and Type		INNERGROOVE TUBE	INNERGROOVE TUBE
		mm	Φ8	Φ8
	Coil Length x Height	mm	(1760x660)*2+ (1760x660)*2*2	(1760x660)*2+ (1760x660)*2*2
	Number of Circuits		16+16*2	16+16*2
Cabinet Coating	Coating Type		Powder Coating	Powder Coating
	Salt Spray Test Duration	Hour	72	72
	Sheet Metal Material		Hot zinc plate	Hot zinc plate
	Sheet Metal Thickness		0.8	0.8

Continued

Model			YV2VYT125KAS-D-X	YV2VYT132KAS-D-X
Control Panel Enclosure IP Class			IP24	IP24
Outdoor Air Flow		m^3/h	42300	42300
Outdoor Sound Level (Sound Pressure Level)		dB (A)	64	64
Outdoor unit	Dimension (WxHxD)	mm	(1390x1808x750)+ (1390x1808x750)*2	(1390x1808x750) + (1390x1808x750)*2
	Packing (WxHxD)	mm	(1490x1990x860) + (1490x1990x860)*2	(1490x1990x860) + (1490x1990x860)*2
	Net/Gross weight	kg	1104/1158	1104/1158
Refrigerant	Type		R-410A	R410A
	Charged volume*2	kg	30	30
Throttle type			EXV	EXV
Design pressure		MPa	4.15	4.15
Refrigerant piping	Liquid / Suction gas / High pressure gas	mm	ø19.05/ø38.1/ø34.9	ø19.05/ø38.1/ø34.9
	Max. Refrigerant pipe length	m	175	175
	Max.Diff. indoor/outdoor unit	m	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)
	Max.Diff. indoor/indoor unit	m	15	15
Maximum indoor units		Piece	64	64
Connection wiring	Power wiring	mm^2	57	66
	Signal wiring	mm^2	Shield Wire: (0.75-2)*2	Shield Wire: (0.75-2)*2
Operation Range		°C	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB	Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB
Qty per 20'/40'/40'HQ			7/14/14+7/14/14*2	7/14/14+7/14/14*2

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB
Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

Model			YV2VYT135KAS-D-X
Power supply		Ph-V-Hz	380~400-3-50/60
Nominal capacity		HP	48
Cooling*1	Capacity	kW	135
	Power Input	kW	41.85
	EER		3.23
	Current	A	68.37
Heating*1	Capacity	kW	152.1
	Power Input	kW	40.23
	COP		3.78
	Current	A	65.73
Max. Power Input		kW	61.44
Max. Current		A	97.11
Compressor	Type		(DC INV. SCROLL+ STD SCROLL)*3
	Capacity	W	(17200W+21000W)*3
	Power Input	W	(5250W+6520W)*3
	Rated Current (RLA)	A	(18.5+9.4)*3
	Speed	rps	60
	Crankcase Heater	W	(33+33)*3
	Refrigerant oil	ml	(2300+1700+2000)*3
Outdoor fan motor	Voltage		208-230
	IP Class		IP23
	Type		DC
	Insulation Class		B
	Safe Class		I
	Power Input	W	(500*2)*3
	Output	W	(375*2)*3
	Rated Current	A	(3.0*2)*3
	Capacitor	μF	/
	Speed	rpm	960*3
Outdoor fan	Material		Plastic
	Type		Axial
	Diameter	mm	540*3
	Height	mm	190.5*3
Outdoor coil	Number of Rows		3*3
	Tube Pitch (a) x Row Pitch (b)	mm	19.05*22
	Fin Spacing	mm	1.70
	Fin Type		Hydrophilic aluminum
	Fin Coating Type	Optional	Clear lacquer
	Salt Spray Test Duration	Hour	168
	Tube Outside Dia.and Type		INNERGROOVE TUBE
		mm	Φ8
	Coil Length x Height	mm	(1760x660)*2*3
	Number of Circuits		16*3
Cabinet Coating	Coating Type		Powder Coating
	Salt Spray Test Duration	Hour	72
	Sheet Metal Material		Hot zinc plate
	Sheet Metal Thickness		0.8

Continued

Model			YV2VYT135KAS-D-X
Control Panel Enclosure IP Class			IP24
Outdoor Air Flow		m^3/h	42300
Outdoor Sound Level (Sound Pressure Level)		dB (A)	64
Outdoor unit	Dimension (WxHxD)	mm	(1390x1808x750)*3
	Packing (WxHxD)	mm	(1490x1990x860)*3
	Net/Gross weight	kg	1104/1158
Refrigerant	Type		R410A
	Charged volume*2	kg	30
Throttle type			EXV
Design pressure		MPa	4.15
Refrigerant piping	Liquid / Suction gas / High pressure gas	mm	ø19.05/ø34.9/ø38.1
	Max. Refrigerant pipe length	m	175
	Max.Diff. indoor/outdoor unit	m	50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor)
	Max.Diff. indoor/indoor unit	m	15
Maximum indoor units		Piece	64
Connection wiring	Power wiring	mm^2	75
	Signal wiring	mm^2	Shield Wire: (0.75-2)*2
Operation Range		^{O}C	Cooling: -5^{O}C-43^{O}CDB Cooling & Heating: -8^{O}C-18^{O}CWB Heating: -15^{O}C-15.5^{O}CWB
Qty per 20'/40'/40'HQ			(7/14/14)*3

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7^{O}C DB/19.4^{O}CWB and Outdoor 35^{O}CDB/23.9^{O}CWB
Heating-indoor 21.1^{O}CDB/15.6^{O}CWB and Outdoor 8.3^{O}CDB/6.1^{O}CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

Table 9. Valve Box

Model			VB1-112A	VB1-180A	VB1-280A
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Total Capacity Index of Indoor Units		kW	11.2 or less	More than 11.2 but 18.0 or less	More than 18.0 but 28.0 or less
Number of Connectable Indoor Units			Max.5	Max.8	Max.8
Piping Connection	Liquid pipe-Connect to indoor unit	mm	Φ9.52	Φ9.52	Φ9.52
	Gas pipe-Connect to indoor unit	mm	Φ15.88	Φ15.88	Φ22.22
	Liquid pipe-Connect to outdoor unit	mm	Φ9.52	Φ9.52	Φ9.52
	Suction pipe-Connect to outdoor unit	mm	Φ15.88	Φ15.88	Φ22.22
	High pressure gas pipe-Connect to outdoor unit	mm	Φ12.7	Φ15.88	Φ19.05
Outdoor unit	Dimension (WxHxD)	mm	400×180×300	400×180×300	400×180×300
	Packing (WxHxD)	mm	550×210×350	550×210×350	550×210×350
	Net/Gross weight	kg	12/14	12/14	13/15
4-way valve	4WV		3HP	5HP	10HP
Solenoid valve	SV1		11A	11A	11A
	SV2		13A	13A	13A
	SV3		2A	2A	2A

3.2. 4-way cassette indoor

Table 10. General Specification (4-way cassette indoor)

Model			YVKVXH028WAR--GX	YVKVXH036WAR--GX	YVKVXH045WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	9500	12300	15300
	Capacity	kW	2.8	3.6	4.5
	Power Input	W	80	80	80
	Current	A	0.47	0.47	0.47
Heating	Capacity	Btu/h	10900	13600	17100
	Capacity	kW	3.2	4	5
	Power Input	W	80	80	80
	Current	A	0.47	0.47	0.47
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	72	72	72
Capacitor		μF	2μF /450v	2μF /450v	2μF /450v
Speed (High/Middle/Low)		rpm	760/650/520	760/650/520	760/650/520
Indoor Noise Level (H/M/L)		dB (A)	32/30/29	32/30/29	33/30/29
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			1	2	2
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	21*13.3	21*13.3
c. Fin Spacing		mm	1.35	1.35	1.35
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7 Inner Groove Tube	ø7 Inner Groove Tube
f. Coil Length x Height x Width		mm	1330×13.3×210	1260×26.6×210	1260×26.6×210
g. Number of Circuits			2	4	4
External Static Pressure		Pa	0	0	0
Indoor Air Flow (Hi)		m^3/h	700	650	650
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness		mm	0.8	0.8	0.8
Drain Pan Material			PS	PS	PS
Drain Pan Insulation		mm	20	20	20
Drain Pump Option			Standard 700mm	Standard 700mm	Standard 700mm
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	0.8	0.8	0.8
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	570*260*570 (Indoor) 700*60*700 (Panel)	570*260*570 (Indoor) 700*60*700 (Panel)	570*260*570 (Indoor) 700*60*700 (Panel)
	Packing (W*H*D)	mm	718*380*680 (Indoor)/ 740*115*740 (Panel)	718*380*680 (Indoor)/ 740*115*740 (Panel)	718*380*680 (Indoor)/ 740*115*740 (Panel)
	Net/Gross Weight	kg	17+2.8/21+4.5	19+2.8/23+4.5	19+2.8/23+4.5
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35 (1/4') /ø9.52 (3/8')	ø6.35 (1/4') /ø12.7 (1/2')	ø6.35 (1/4') /ø12.7 (1/2')
Qty per 20'/40'/40'HQ		Piece	120/240/280	120/240/280	120/240/280

Model			YVKVXH056WAR--GX	YVKVXH071WAR--GX	YVKVXH080WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	19100	24200	27300
	Capacity	kW	5.6	7.1	8
	Power Input	W	145	145	145
	Current	A	0.67	0.67	0.67
Heating	Capacity	Btu/h	21500	27300	30700
	Capacity	kW	6.3	8	9
	Power Input	W	145	145	145
	Current	A	0.67	0.67	0.67
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	142	142	142
Capacitor		μF	3μF /450v	3μF /450v	3μF /450v
Speed (High/Middle/Low)		rpm	710/620/520	710/620/520	710/620/520
Indoor Noise Level (H/M/L)		dB (A)	34/32/30	35/34/31	37/35/31
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			2	2	2
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	21*13.3	21*13.3
c. Fin Spacing		mm	1.45	1.45	1.45
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7 Inner Groove Tube	ø7 Inner Groove Tube
f. Coil Length x Height x Width		mm	1935×26.6×168	1935×26.6×168	1935×26.6×168
g. Number of Circuits			8	8	8
External Static Pressure		Pa	0	0	0
Indoor Air Flow (Hi)		m^3/h	1200	1200	1200
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness		mm	0.8	0.8	0.8
Drain Pan Material			PS	PS	PS
Drain Pan Insulation		mm	20	20	20
Drain Pump Option			Standard 700mm	Standard 700mm	Standard 700mm
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	0.8	0.8	0.8
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor unit	Dimension (W*H*D)	mm	840*240*840 (Indoor)/ 950*80*950 (Panel)	840*240*840 (Indoor)/ 950*80*950 (Panel)	840*240*840 (Indoor)/ 950*80*950 (Panel)
	Packing (W*H*D)	mm	928*347*923 (Indoor)/ 992*115*992 (Panel)	928*347*923 (Indoor)/ 992*115*992 (Panel)	928*347*923 (Indoor)/ 992*115*992 (Panel)
	Net/Gross Weight	kg	30+6/32.5+7.5	30+6/32.5+7.5	30+6/32.5+7.5
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35 (1/4') /ø12.7 (1/2')	ø9.52 (3/8') /ø15.88 (5/8')	ø9.52 (3/8') /ø15.88 (5/8')
Qty per 20'/40'/40'HQ		Piece	84/168/192	84/168/192	84/168/192

Model			YVKVXH090WAR--GX	YVKVXH112WAR--GX	YVKVXH140WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	30700	38200	47700
	Capacity	kW	9	11.2	14
	Power Input	W	150	150	150
	Current	A	0.76	0.76	0.76
Heating	Capacity	Btu/h	34100	42600	54600
	Capacity	kW	10	12.5	16
	Power Input	W	150	150	150
	Current	A	0.76	0.76	0.76
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	148	148	148
Capacitor		μF	8μF /450v	8μF /450v	8μF /450v
Speed (High/Middle/Low)		rpm	675/610/530	675/610/530	675/610/530
Indoor Noise Level (H/M/L)		dB (A)	37/35/31	37/35/31	44/40/36
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			2	2	2
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	21*13.3	21*13.3
c. Fin Spacing		mm	1.45	1.45	1.45
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7 Inner Groove Tube	ø7 Inner Groove Tube
f. Coil Length x Height x Width		mm	1935×26.2×252	1935×26.2×252	1935×26.2×252
g. Number of Circuits			11	11	11
External Static Pressure		Pa	0	0	0
Indoor Air Flow (Hi)		m3/h	1800	1800	1800
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness		mm	0.8	0.8	0.8
Drain Pan Material			PS	PS	PS
Drain Pan Insulation		mm	20	20	20
Drain Pump Option			Standard 700mm	Standard 700mm	Standard 700mm
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	0.8	0.8	0.8
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	840*295*840 (Indoor)/ 950*80*950 (Panel)	840*295*840 (Indoor)/ 950*80*950 (Panel)	840*295*840 (Indoor)/ 950*80*950 (Panel)
	Packing (W*H*D)	mm	933*395*923 (Indoor)/ 992*115*992 (Panel)	933*395*923 (Indoor)/ 992*115*992 (Panel)	933*395*923 (Indoor)/ 992*115*992 (Panel)
	Net/Gross Weight	kg	38+6/40+7.5	38+6/40+7.5	38+6/40+7.5
Piping Size	Liquid/ Gas Side	mm (inch)	ø9.52 (3/8') /ø15.88 (5/8')	ø9.52 (3/8') /ø15.88 (5/8')	ø9.52 (3/8') /ø15.88 (5/8')
Qty per 20'/40'/40'HQ		Piece	60/126/147	60/126/147	60/126/147

3.3. 2-way cassette indoor

Table 11. General Specification (2-way cassette indoor)

Model			YV8VXH028WAR--GX	YV8VXH036WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60
Nominal Capacity				
Cooling	Capacity	Btu/h	9500	12300
	Capacity	kW	2.8	3.6
	Power Input	W	90	90
	Current	A	0.5	0.5
Heating	Capacity	Btu/h	3.2	4
	Capacity	kW	3.2	4
	Power Input	W	90	90
	Current	A	0.5	0.5
Indoor Motor				
Type			AC	AC
Insulation Class			B	B
IP Class			IP20	IP20
Power Input		W	70	70
Capacitor		μF	3μF /450v	3μF /450v
Speed (High/Middle/Low)		rpm	670/530/440	670/530/440
Indoor Noise Level (H/M/L)		dB (A)	42/37/33	42/37/33
Indoor Fan				
Type			Centrifugal	Centrifugal
Indoor Coil				
a. Number of Rows			2	2
b. Tube Pitch (a) x Row Pitch (b)		mm	22x19.04	22x19.04
c. Fin Spacing		mm	1.85	1.85
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø9.52 plate	ø9.52 plate
f. Coil Length x Height x Width		mm	1542.6x101.6x38.08	1542.6x101.6x38.08
g. Number of Circuits			1	1
External Static Pressure		Pa	0	0
Indoor Air Flow (Hi)		m^3/h	840	840
Cabinet				
Cabinet Coating Type			PS	PS
Cabinet Salt Spray Test Duration		Hour	72	72
Control Box IP Class			IP20	IP20
Construction				
Sheet Metal Thickness			0.8	0.8
Drain Pan Material			PS	PS
Drain Pan Insulation			20	20
Drain Pump Option			Standard 700mm	Standard 700mm
Branch Outlet Option			No	No
Indoor Wall				
Material			PS	PS
Thickness		mm	20	20
Double or Single Skin			Single	Single
Air Filter				
Normal Filter				
Material			PP	PP
Mesh			100	100
Pressure Drop		Pa	5	5
Technical Specification				
Indoor Unit	Dimension (W*H*D)	mm	817*220*620 (Indoor) /1055*8*680 (Panel)	817*220*620 (Indoor)/1055*8*680 (Panel)
	Packing (W*H*D)	mm	1015*278*695 (Indoor) /1110*161*720 (Panel)	1015*278*695 (Indoor)/1110*161*720 (Panel)
	Net/Gross Weight	kg	21+7/23+8	21+7/23+8
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35 (1/4') /ø9.52 (3/8')	ø6.35 (1/4') /ø12.7 (1/2')
Qty per 20'/40'/40'HQ		Piece	84/168/192	84/168/192

Model			YV8VXH045WAR--GX	YV8VXH056WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60
Nominal Capacity				
Cooling	Capacity	Btu/h	15300	19100
	Capacity	kW	4.5	5.6
	Power Input	W	110	110
	Current	A	0.62	0.62
Heating	Capacity	Btu/h	5	6.3
	Capacity	kW	5	6.3
	Power Input	W	110	110
	Current	A	0.62	0.62
Indoor Motor				
Type			AC	AC
Insulation Class			B	B
IP Class			IP20	IP20
Power Input		W	70	70
Capacitor		μF	3μF /450v	3μF /450v
Speed (High/Middle/Low)		rpm	670/530/440	670/530/440
Indoor Noise Level (H/M/L)		dB (A)	44/39/34	44/39/34
Indoor Fan				
Type			Centrifugal	Centrifugal
Indoor Coil				
a. Number of Rows			2	2
b. Tube Pitch (a) x Row Pitch (b)		mm	21x13.2	21x13.2
c. Fin Spacing		mm	1.5	1.5
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø6.35 Inner Groove Tube	ø6.35 Inner Groove Tube
f. Coil Length x Height x Width		mm	1581x105.6x39.6	1581x105.6x39.6
g. Number of Circuits			4	4
External Static Pressure		Pa	0	0
Indoor Air Flow (Hi)		m^3/h	840	840
Cabinet				
Cabinet Coating Type			PS	PS
Cabinet Salt Spray Test Duration		Hour	72	72
Control Box IP Class			IP20	IP20
Construction				
Sheet Metal Thickness			0.8	0.8
Drain Pan Material			PS	PS
Drain Pan Insulation			20	20
Drain Pump Option			Standard 700mm	Standard 700mm
Branch Outlet Option			No	No
Indoor Wall			PS	PS
Material			20	20
Thickness		mm	Single	Single
Double or Single Skin				
Air Filter				
Normal Filter				
Material			PP	PP
Mesh			100	100
Pressure Drop		Pa	5	5
Technical Specification			817*220*620 (Indoor) /1055*8*680 (Panel)	817*220*620 (Indoor) /1055*8*680 (Panel)
Indoor Unit	Dimension (W*H*D)	mm	1015*278*695 (Indoor) /1110*161*720 (Panel)	1015*278*695 (Indoor) /1110*161*720 (Panel)
	Packing (W*H*D)	mm	21+7/23+8	21+7/23+8
	Net/Gross Weight	kg	ø6.35 (1/4') /ø12.7 (1/2')	ø6.35 (1/4') /ø12.7 (1/2')
Piping Size	Liquid/ Gas Side	mm (inch)	84/168/192	84/168/192
Qty per 20'/40'/40'HQ		Piece	84/168/192	84/168/192

3.4. High wall indoor

Table 12. General Specification (High wall indoor)

Model			YVHVXH022WAR--FX	YVHVXH028WAR--FX	YVHVXH036WAR--FX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	7500	9500	12300
	Capacity	kW	2.2	2.8	3.6
	Power Input	W	71	71	71
	Current	A	0.31	0.31	0.31
Heating	Capacity	Btu/h	8500	10900	13600
	Capacity	kW	2.5	3.2	4
	Power Input	W	71	71	71
	Current	A	0.31	0.31	0.31
Indoor Motor					
Type			DC	DC	DC
Insulation Class			E	E	E
IP Class			IP20	IP20	IP20
Power Input		W	52	52	52
Speed (High/Middle/Low)		rpm	1300/1200/1100	1300/1200/1100	1300/1200/1100
Indoor Noise Level (H/M/L)		dB(A)	37/33/31	37/34/31	41/36/33
Indoor Fan					
Type			Axial	Axial	Axial
Indoor Coil					
a. Number of Rows			2	2	2
b. Tube Pitch (a) x Row Pitch (b)		mm	26.6*1.35	26.6*1.35	26.6*1.35
c. Fin Spacing		mm	1.35	1.35	1.35
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7 Inner Groove Tube	ø7 Inner Groove Tube
g. Number of Circuits			4	4	4
External Static Pressure		Pa	0	0	0
Indoor Air Flow (Hi)		m^3/h	600	600	600
Cabinet					
Cabinet Coating Type			Plastic	Plastic	Plastic
Control Box IP Class			IP20	IP20	IP20
Construction					
Drain Pan Material			PS	PS	PS
Drain Pan Insulation			15	15	15
Drain Pump Option			No	No	No
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Plastic	Plastic	Plastic
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	938*265*187	938*265*187	938*265*187
	Packing (W*H*D)	mm	1016*360*304	1016*360*304	1016*360*304
	Net/Gross Weight	kg	10.9/13.1	10.9/13.1	10.9/13.1
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35 (1/4') /ø12.7 (1/2')	ø6.35 (1/4') /ø12.7 (1/2')	ø6.35 (1/4') /ø12.7 (1/2')
Qty per 20'/40'/40'HQ		Piece	220/560/630	220/560/630	220/560/630

Model			YVHVXH022WAR--FX	YVHVXH028WAR--FX	YVHVXH036WAR--FX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	7500	9500	12300
	Capacity	kW	2.2	2.8	3.6
	Power Input	W	71	71	71
	Current	A	0.31	0.31	0.31
Heating	Capacity	Btu/h	8500	10900	13600
	Capacity	kW	2.5	3.2	4
	Power Input	W	71	71	71
	Current	A	0.31	0.31	0.31
Indoor Motor					
Type			DC	DC	DC
Insulation Class			E	E	E
IP Class			IP20	IP20	IP20
Power Input		W	52	52	52
Speed (High/Middle/Low)		rpm	1300/1200/1100	1300/1200/1100	1300/1200/1100
Indoor Noise Level (H/M/L)		dB (A)	37/33/31	37/34/31	41/36/33
Indoor Fan					
Type			Axial	Axial	Axial
Indoor Coil					
a. Number of Rows			2	2	2
b. Tube Pitch (a) x Row Pitch (b)		mm	26.6*1.35	26.6*1.35	26.6*1.35
c. Fin Spacing		mm	1.35	1.35	1.35
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7 Inner Groove Tube	ø7 Inner Groove Tube
g. Number of Circuits			4	4	4
External Static Pressure		Pa	0	0	0
Indoor Air Flow (Hi)		m^3/h	600	600	600
Cabinet					
Cabinet Coating Type			Plastic	Plastic	Plastic
Control Box IP Class			IP20	IP20	IP20
Construction					
Drain Pan Material			PS	PS	PS
Drain Pan Insulation			15	15	15
Drain Pump Option			No	No	No
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Plastic	Plastic	Plastic
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	938*265*187	938*265*187	938*265*187
	Packing (W*H*D)	mm	1016*360*304	1016*360*304	1016*360*304
	Net/Gross Weight	kg	10.9/13.1	10.9/13.1	10.9/13.1
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35 (1/4') /ø12.7 (1/2')	ø6.35 (1/4') /ø12.7 (1/2')	ø6.35 (1/4') /ø12.7 (1/2')
Qty per 20'/40'/40'HQ		Piece	220/560/630	220/560/630	220/560/630

3.5. Floor ceiling indoor

Table 13. General Specification (floor ceiling indoor)

Model			YVFVXH028WAR--GX	YVFVXH036WAR--GX	YVFVXH045WAR--GX
Power Supply		V-Ph-Hz	220~230~1~50/60	1Ph,220~230V,50/60Hz	1Ph,220~230V,50/60Hz
Nominal Capacity					
Cooling	Capacity	Btu/h	9000	12300	15400
	Capacity	kW	2.8	3.6	4.5
	Power Input	W	100	100	100
	Current	A	0.3	0.3	0.3
Heating	Capacity	Btu/h	10900	13600	17100
	Capacity	kW	3.2	4.0	5.0
	Power Input	W	100	100	100
	Current	A	0.3	0.3	0.3
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	94	94	94
Capacitor		μF	2μF /450v	2μF /450v	2μF /450v
Speed (High/Middle/Low)		rpm	1110/1005/745	1110/1005/745	1110/1005/745
Indoor Noise Level (H/M/L)		dB (A)	48/46/44	48/46/44	48/46/44
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			2	3	3
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	25×21.65	25×21.65
c. Fin Spacing		mm	1.3	1.75	1.75
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø9.52 Inner Groove Tube	ø9.52 Inner Groove Tube
f. Coil Length x Height x Width		mm	797×252×26.6	747×250×66	747×250×66
g. Number of Circuits			3	3	3
Indoor Air Flow (Hi)		m^3/h	800	800	800
Cabinet					
Cabinet Coating Type			Plastic	Plastic	Plastic
Control Box IP Class			IP20	IP20	IP20
Construction					
Drain Pan Material			PS	PS	PS
Drain Pan Insulation		mm	20	20	20
Drain Pump Option			No	No	No
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Plastic	Plastic	Plastic
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	990*655*199	990*655*199	990*655*199
	Packing (W*H*D)	mm	1160*743*290	1160*743*290	1160*743*290
	Net/Gross Weight	kg	28.3/34.3	28.3/36.4	28.3/36.4
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35 (1/4') /ø9.52 (3/8')	ø6.35 (1/4') /ø12.7 (1/2')	ø6.35 (1/4') /ø12.7 (1/2')
Qty per 20'/40'/40'HQ		Piece	120/240/270	120/240/270	120/240/270

Model			YVFVXH056WAR--GX	YVFVXH071WAR--GX	YVFVXH080WAR--GX
Power Supply		V-Ph-Hz	1Ph,220~230V,50/60Hz	1Ph,220~230V,50/60Hz	1Ph,220~230V,50/60Hz
Nominal Capacity					
Cooling	Capacity	Btu/h	19100	24200	27300
	Capacity	kW	5.6	7.1	8.0
	Power Input	W	100	100	200
	Current	A	0.3	0.3	1.00
Heating	Capacity	Btu/h	21500	27300	30700
	Capacity	kW	6.3	8.0	9.0
	Power Input	W	100	100	200
	Current	A	0.3	0.3	1.00
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	94	94	188
Capacitor		μF	2μF /450v	2μF /450v	5μF /450v
Speed (High/Middle/Low)		rpm	1110/1005/745	1110/1005/745	1120/1040/900/820
Indoor Noise Level (H/M/L)		dB (A)	48/46/44	48/46/44	49/47/45
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			3	3	3
b. Tube Pitch (a) x Row Pitch (b)		mm	25×21.65	25×21.65	21*13.3
c. Fin Spacing		mm	1.75	1.75	1.3
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø9.52 Inner Groove Tube	ø9.52 Inner Groove Tube	ø7 Inner Groove Tube
f. Coil Length x Height x Width		mm	747×250×66	747×250×66	1070×252×40
g. Number of Circuits			3	3	3
Indoor Air Flow (Hi)		m^3/h	800	800	1400
Cabinet					
Cabinet Coating Type			Plastic	Plastic	Plastic
Control Box IP Class			IP20	IP20	IP20
Construction					
Drain Pan Material			PS	PS	PS
Drain Pan Insulation		mm	20	20	20
Drain Pump Option			No	No	No
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Plastic	Plastic	Plastic
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	990*655*199	990*655*199	1580*700*240
	Packing (W*H*D)	mm	1160*743*290	1160*743*290	1713*793*335
	Net/Gross Weight	kg	28.3/36.4	28.3/36.4	37/47
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35 (1/4') /ø12.7 (1/2')	ø9.52 (3/8') /ø15.88 (3/8')	ø9.52 (3/8') /ø15.88 (3/8')
Qty per 20'/40'/40'HQ		Piece	120/240/270	120/240/270	74/150/180

Model			YVFVXH090WAR--GX	YVFVXH112WAR--GX	YVFVXH140WAR--GX
Power Supply		V-Ph-Hz	1Ph,220~230V,50/60Hz	1Ph,220~230V,50/60Hz	1Ph,220~230V,50/60Hz
Nominal Capacity					
Cooling	Capacity	Btu/h	30700	38200	47700
	Capacity	kW	9.0	11.2	14.0
	Power Input	W	200	400	400
	Current	A	1.00	1.8	1.8
Heating	Capacity	Btu/h	34100	42600	54600
	Capacity	kW	10.0	12.5	16.0
	Power Input	W	200	400	400
	Current	A	1.00	1.8	1.8
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	188	263	263
Capacitor		μF	5μF /450v	5μF /450v	5μF /450v
Speed (SHigh/High/Middle/Low)		rpm	1120/1040/900/820	1395/1245/1090/980	1395/1245/1090/980
Indoor Noise Level (H/M/L)		dB (A)	49/47/45	50/48/46	53/51/49
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			3	3	3
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	21×13.3	21×13.3
c. Fin Spacing		mm	1.3	1.3	1.3
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7.0 Inner Groove Tube	ø7.0 Inner Groove Tube
f. Coil Length x Height x Width		mm	1070×252×40	1350×250×40	1350×250×40
g. Number of Circuits			3	6	6
Indoor Air Flow (Hi)		m^3/h	1400	2040	2040
Cabinet					
Cabinet Coating Type			Plastic	Plastic	Plastic
Control Box IP Class			IP20	IP20	IP20
Construction					
Drain Pan Material			PS	PS	PS
Drain Pan Insulation		mm	20	20	20
Drain Pump Option			No	No	No
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Plastic	Plastic	Plastic
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	1580*700*240	1580*700*240	1580*700*240
	Packing (W*H*D)	mm	1713*793*335	1713*793*335	1713*793*335
	Net/Gross Weight	kg	37/47	54/61	54/61
Piping Size	Liquid/ Gas Side	mm (inch)	ø9.52 (3/8') /ø15.88 (3/8')	ø9.52 (3/8') /ø15.88 (3/8')	ø9.52 (3/8') /ø15.88 (3/8')
Qty per 20'/40'/40'HQ		Piece	74/150/180	60/120/140	60/120/140

3.6. Low ESP duct indoor

Table 14. General Specification (low ESP duct indoor)

Model			YVDVXH022WAR--GX	YVDVXH028WAR--GX	YVDVXH036WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	7500	9500	12300
	Capacity	kW	2.2	2.8	3.6
	Power Input	W	58	58	58
	Current	A	0.27	0.27	0.27
Heating	Capacity	Btu/h	8500	10900	13600
	Capacity	kW	2.5	3.2	4
	Power Input	W	58	58	58
	Current	A	0.27	0.27	0.27
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	57	57	57
Capacitor		μF	1.5μF /450v	1.5μF /450v	1.5μF /450v
Speed (SHigh/High/Middle/Low)		rpm	1050/950/850/750	1050/950/850/750	1050/950/850/750
Indoor Noise Level (H/M/L)		dB (A)	35/32/30	35/32/30	35/32/30
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			2	2	3
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	21*13.3	21*13.3
c. Fin Spacing		mm	1.4	1.4	1.4
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7 Inner Groove Tube	ø7 Inner Groove Tube
f. Coil Length x Height x Width		mm	434*252*26.6	434*252*26.6	434*252*39.9
g. Number of Circuits			2	2	3
External Static Pressure		Pa	0~20	0~20	0~20
Indoor Air Flow (Hi)		m^3/h	400	400	500
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness		mm	0.6	0.6	0.6
Drain Pan Material			Hot Zinc Plate+cushion	Hot Zinc Plate+cushion	Hot Zinc Plate+cushion
Drain Pan Insulation		mm	10	10	10
Drain Pump Option			Optional KT-NP01	Optional KT-NP01	Optional KT-NP01
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	0.6	0.6	0.6
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	610*220*500	610*220*500	610*220*500
	Packing (W*H*D)	mm	708*280*549	708*280*549	708*280*549
	Net/Gross Weight	kg	15/18	15/18	16/19
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35 (1/4') /ø9.52 (3/8')	ø6.35 (1/4') /ø9.52 (3/8')	ø6.35 (1/4') /ø12.7 (1/2')
Qty per 20'/40'/40'HQ		Piece	196/392/400	196/392/400	196/392/400

Model			YVDVXH045WAR--GX	YVDVXH056WAR--GX	YVDVXH071WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	15300	19100	24200
	Capacity	kW	4.5	5.6	7.1
	Power Input	W	80	116	116
	Current	A	0.38	0.55	0.55
Heating	Capacity	Btu/h	17100	21500	27300
	Capacity	kW	5	6.3	8
	Power Input	W	80	116	116
	Current	A	0.38	0.55	0.55
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	78.5	115	115
Capacitor		μF	3.5μF /450v	5μF /450v	5μF /450v
Speed (SHigh/High/Middle/Low)		rpm	790/720/560/475	980/865/750/630	980/865/750/630
Indoor Noise Level (H/M/L)		dB (A)	35/32/30	39/37/35	39/37/35
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			2	3	3
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	21*13.3	21*13.3
c. Fin Spacing		mm	1.4	1.4	1.4
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7 Inner Groove Tube	ø7 Inner Groove Tube
f. Coil Length x Height x Width		mm	895*252*26.6	895*252*39.9	895*252*39.9
g. Number of Circuits			4	6	6
External Static Pressure		Pa	0~20	0~20	0~20
Indoor Air Flow (Hi)		m^3/h	850	1250	1250
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness		mm	0.6	0.6	0.6
Drain Pan Material			Hot Zinc Plate+cushion	Hot Zinc Plate+cushion	Hot Zinc Plate+cushion
Drain Pan Insulation		mm	10	10	10
Drain Pump Option			Optional KT-NP01	Optional KT-NP01	Optional KT-NP01
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	0.6	0.6	0.6
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	1105*220*500	1105*220*500	1105*220*500
	Packing (W*H*D)	mm	1174*280*549	1174*280*549	1174*280*549
	Net/Gross Weight	kg	25/27	28/29	28/29
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35 (1/4') /ø12.7 (1/2')	ø6.35 (1/4') /ø12.7 (1/2')	ø9.52 (3/8') /ø15.88 (5/8')
Qty per 20'/40'/40'HQ		Piece	112/252/288	112/252/288	112/252/288

3.7. Medium ESP duct indoor

Table 15. General Specification (medium ESP duct indoor)

Model			YVEVXH056WAR--GX	YVEVXH071WAR--GX	YVEVXH080WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	19100	24200	27300
	Capacity	kW	5.6	7.1	8
	Power Input	W	235	235	235
	Current	A	1.1	1.1	1.1
Heating	Capacity	Btu/h	21500	27300	30700
	Capacity	kW	7.1	8	9
	Power Input	W	235	235	235
	Current	A	1.1	1.1	1.1
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	225	225	225
Capacitor		μF	8 μF /450v	8 μF /450v	8 μF /450v
Speed (SHigh/High/Middle/Low)		rpm	1000/940/880/840	1000/940/880/840	1000/940/880/840
Indoor Noise Level (H/M/L)		dB(A)	43/37/35	43/37/35	43/37/35
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			3	3	3
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	21*13.3	21*13.3
c. Fin Spacing		mm	1.5	1.5	1.5
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7 Inner Groove Tube	ø7 Inner Groove Tube
f. Coil Length x Height x Width		mm	813×252×39.9	813×252×39.9	813×252×39.9
g. Number of Circuits			3	3	3
External Static Pressure		Pa	50~96	50~96	50~96
Indoor Air Flow (Hi)		m3/h	1200	1200	1200
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness		mm	0.8	0.8	0.8
Drain Pan Material			PS	PS	PS
Drain Pan Insulation		mm	20	20	20
Drain Pump Option			Standard 700mm	Standard 700mm	Standard 700mm
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	0.8	0.8	0.8
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	990*300*655	990*300*655	990*300*655
	Packing (W*H*D)	mm	1165*340*733	1165*340*733	1165*340*733
	Net/Gross Weight	kg	39/45	39/45	39/45
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35 (1/4') /ø12.7 (1/2')	ø9.52 (3/8') /ø15.88 (5/8')	ø9.52 (3/8') /ø15.88 (5/8')
Qty per 20'/40'/40'HQ		Piece	60/130/156	60/130/156	60/130/156

Model			YVEVXH090WAR--GX	YVEVXH112WAR--GX	YVEVXH140WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	30700	38200	47700
	Capacity	kW	9	11.2	14
	Power Input	W	490	490	490
	Current	A	2.2	2.2	2.2
Heating	Capacity	Btu/h	34100	42600	54600
	Capacity	kW	10	12.5	16
	Power Input	W	490	490	490
	Current	A	2.2	2.2	2.2
Indoor Motor					
Type			AC	AC	AC
Insulation Class			F	F	F
IP Class			IP20	IP20	IP20
Power Input		W	478	478	478
Capacitor		μF	12.5 μF /450v	12.5 μF /450v	12.5 μF /450v
Speed (SHigh/High/Middle/Low)		rpm	1340/1260/1190/1110	1340/1260/1190/1110	1340/1260/1190/1110
Indoor Noise Level (H/M/L)		dB (A)	43/37/35	43/37/35	44/40/36
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			4	4	4
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	21*13.3	21*13.3
c. Fin Spacing		mm	1.45	1.45	1.45
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7 Inner Groove Tube	ø7 Inner Groove Tube
f. Coil Length x Height x Width		mm	1001×287.5×53.2	1001×287.5×53.2	1001×287.5×53.2
g. Number of Circuits			7	7	7
External Static Pressure		Pa	80-120	80-120	80-120
Indoor Air Flow (Hi)		m^3/h	1600	1600	1600
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness		mm	0.8	0.8	0.8
Drain Pan Material			Hot Zinc Plate +PS	Hot Zinc Plate +PS	Hot Zinc Plate +PS
Drain Pan Insulation		mm	20	20	20
Drain Pump Option			Optional KT-NP01	Optional KT-NP01	Optional KT-NP01
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	0.8	0.8	0.8
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	1135*270*742	1135*270*742	1135*270*742
	Packing (W*H*D)	mm	1355*375*855	1355*375*855	1355*375*855
	Net/Gross Weight	kg	50/53	50/53	50/53
Piping Size	Liquid/ Gas Side	mm (inch)	ø9.52 (3/8") /ø15.88 (5/8")	ø9.52 (3/8") /ø15.88 (5/8")	ø9.52 (3/8") /ø15.88 (5/8")
Qty per 20'/40'/40'HQ		Piece	60/132/154	60/132/154	60/132/154

3.8. High ESP duct indoor

Table 16. General Specification (high ESP duct indoor)

Model			YVGVXH056WAR--GX	YVGVXH071WAR--GX	YVGVXH080WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	19100	24200	27300
	Capacity	kW	5.6	7.1	8.0
	Power Input	W	450	450	450
	Current	A	2.05	2.05	2.05
Heating	Capacity	Btu/h	21500	27300	30700
	Capacity	kW	6.3	8.0	9.0
	Power Input	W	450	450	450
	Current	A	2.05	2.05	2.05
Indoor Motor					
Type			AC	AC	AC
Insulation Class			E / B	E / B	E / B
IP Class			IP20	IP20	IP20
Power Input		W	480/605	480/605	480/605
Capacitor		μF	12.5 μF	12.5 μF	12.5 μF
Speed (High/Middle/Low)		rpm	1400/1350/1290	1400/1350/1290	1400/1350/1290
Indoor Noise Level (H/M/L)		dB (A)	42/40	42/40	42/40
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			2	3	3
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	21*13.3	21*13.3
c. Fin Spacing		mm	1.4	1.4	1.4
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7.0 Inner Groove Tube	ø7.0 Inner Groove Tube	ø7.0 Inner Groove Tube
f. Coil Length x Height x Width		mm	685*441*26.6	685*441*39.9	685*441*39.9
g. Number of Circuits			7	5	5
External Static Pressure		Pa	50~196	50~196	50~196
Indoor Air Flow (Hi)		m^3/h	1600	1500	1500
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness		mm	1	1	1
Drain Pan Material			PS	PS	PS
Drain Pan Insulation		mm	20	20	20
Drain Pump Option			Optional KT-NP01	Optional KT-NP01	Optional KT-NP01
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	1	1	1
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	970*360*875	970*360*875	970*360*875
	Packing (W*H*D)	mm	1048*413*943	1048*413*943	1048*413*943
	Net/Gross Weight	kg	56/61	56/61	56/61
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35 (1/4') /ø12.7 (1/2')	ø9.52 (3/8') /ø15.88 (5/8')	ø9.52 (3/8') /ø15.88 (5/8')
Qty per 20'/40'/40'HQ		Piece	60/120/144	60/120/144	60/120/144

Model			YVGVXH090WAR--GX	YVGVXH112WAR--GX	YVGVXH140WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	30700	38200	47700
	Capacity	kW	9.0	11.2	14.0
	Power Input	W	560	560	560
	Current	A	2.55	2.55	2.55
Heating	Capacity	Btu/h	34100	42600	54600
	Capacity	kW	10.0	12.5	16.0
	Power Input	W	560	560	560
	Current	A	2.55	2.55	2.55
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B / B	B/ B	B / B
IP Class			IP20	IP20	IP20
Power Input		W	550/702	550/702	550/702
Capacitor		μF	12.5 μF	12.5 μF	12.5 μF
Speed (SHigh/High/Middle/Low)		rpm	1070/950/860/690	1070/950/860/690	1070/950/860/690
Indoor Noise Level (H/M/L)		dB (A)	45/40	45/40	45/40
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			2	2	2
b. Tube Pitch (a) x Row Pitch (b)		mm	25*21.65	25*21.65	25*21.65
c. Fin Spacing		mm	1.8	1.8	1.8
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø9.52 Inner Groove Tube	ø9.52 Inner Groove Tube	ø9.52 Inner Groove Tube
f. Coil Length x Height x Width		mm	1062*450*43.4	1062*450*43.4	1062*450*43.4
g. Number of Circuits			5	5	5
External Static Pressure		Pa	50~196	50~196	50~196
Indoor Air Flow (Hi)		m^3/h	2100	2100	2100
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness		mm	1	1	1
Drain Pan Material			PS	PS	PS
Drain Pan Insulation		mm	20	20	20
Drain Pump Option			Optional KT-NP01	Optional KT-NP01	Optional KT-NP01
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	1	1	1
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	1350*360*906	1350*360*906	1350*360*906
	Packing (W*H*D)	mm	1378*405*938	1378*405*938	1378*405*938
	Net/Gross Weight	kg	62/77	62/77	62/77
Piping Size	Liquid/ Gas Side	mm (inch)	ø9.52 (3/8") /ø15.88 (5/8")	ø9.52 (3/8") /ø15.88 (5/8")	ø9.52 (3/8") /ø15.88 (5/8")
Qty per 20'/40'/40'HQ		Piece	40/80/96	40/80/96	40/80/96

Model			YVGVXH226WAR--GX	YVGVXH280WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60
Nominal Capacity				
Cooling	Capacity	Btu/h	77100	95500
	Capacity	kW	22.6	28.0
	Power Input	W	1110	1110
	Current	A	5.05	5.05
Heating	Capacity	Btu/h	85300	10800
	Capacity	kW	25.0	31.6
	Power Input	W	1110	1110
	Current	A	5.05	5.05
Indoor Motor				
Type			AC	AC
Insulation Class			B	B
IP Class			IP20	IP20
Power Input		W	550*2	550*2
Capacitor		μF	12.5 μF	12.5 μF
Speed (SHigh/High/Middle/Low)		rpm	1250/1020/870	1250/1020/870
Indoor Noise Level (H/M/L)		dB (A)	54/49	54/49
Indoor Fan				
Type			Centrifugal	Centrifugal
Indoor Coil				
a. Number of Rows			3	3
b. Tube Pitch (a) x Row Pitch (b)		mm	25*21.65	25*21.65
c. Fin Spacing		mm	1.6	1.6
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø9.52 Inner Groove Tube	ø9.52 Inner Groove Tube
f. Coil Length x Height x Width		mm	1430*450*64.95	1430*450*64.95
g. Number of Circuits			9	9
External Static Pressure		Pa	50~196	50~196
Indoor Air Flow (Hi)		m^3/h	4050	4050
Cabinet				
Cabinet Coating Type			Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72
Control Box IP Class			IP20	IP20
Construction				
Sheet Metal Thickness		mm	1	1
Drain Pan Material			PS	PS
Drain Pan Insulation		mm	20	20
Drain Pump Option			Optional KT-NP01	Optional KT-NP01
Branch Outlet Option			No	No
Indoor Wall				
Material			Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	1	1
Double or Single Skin			Single	Single
Air Filter				
Normal Filter				
Material			PP	PP
Mesh			100	100
Pressure Drop		Pa	5	5
Technical Specification				
Indoor Unit	Dimension (W*H*D)	mm	1720*360*880	1720*360*880
	Packing (W*H*D)	mm	1830*525*990	1830*525*990
	Net/Gross Weight	kg	92/134	92/134
Piping Size	Liquid/ Gas Side	mm (inch)	ø9.52 (3/8') /ø25.4 (1')	ø9.52 (3/8') /ø25.4 (1')
Qty per 20'/40'/40'HQ		Piece	20/40/42	20/40/42

3.9. Fresh air indoor

Table 17. General Specification (fresh air indoor)

Model			YV4VXH140WAR--GX	YV4VXH226WAR--GX	YV4VXH280WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	47700	77100	95500
	Capacity	kW	14	22.6	28
	Power Input	W	560	1040	1040
	Current	A	2.5	4.7	4.7
Heating	Capacity	Btu/h	30300	51800	60700
	Capacity	kW	8.9	15.2	17.8
	Power Input	W	560	1040	1040
	Current	A	2.5	4.7	4.7
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B/B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	550	515*2	515*2
Capacitor		μF	12.5	12.5	12.5
Speed (SHigh/High/Middle/Low)		rpm	1070/950/860/690	1300/1145/920	1300/1145/920
Indoor Noise Level (H/M/L)		dB (A)	48	55	55
Indoor Fan					
Type			Centrifugal	Centrifugal	Centrifugal
Indoor Coil					
a. Number of Rows			2	3	3
b. Tube Pitch (a) x Row Pitch (b)		mm	25*21.65	25*21.65	25*21.65
c. Fin Spacing		mm	1.8	1.6	1.6
d. Fin Type (code)			Hydrophilic aluminium	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø9.52 Inner Groove Tube	ø9.52 Inner Groove Tube	ø9.52 Inner Groove Tube
f. Coil Length x Height x Width		mm	1062*450*43.4	1430*450*64.95	1430*450*64.95
g. Number of Circuits			5	9	9
External Static Pressure		Pa	100	100	100
Indoor Air Flow (Hi)		m^3/h	1600	2800	2800
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness		mm	1	1	1
Drain Pan Material			PS	PS	PS
Drain Pan Insulation		mm	20	20	20
Drain Pump Option			Optional KT-NP01	Optional KT-NP01	Optional KT-NP01
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	1	1	1
Double or Single Skin			Single	Single	Single
Air Fliter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	1350*360*875	1610*360*840	1610*360*840
	Packing (W*H*D)	mm	1378*405*938	1830*525*990	1830*525*990
	Net/Gross Weight	kg	62/77	92/100	92/100
Piping Size	Liquid/ Gas Side	mm (inch)	ø9.52 (3/8') /ø15.88 (5/8')	ø9.52 (3/8') /ø25.4 (1')	ø9.52 (3/8') /ø25.4 (1')
Qty per 20'/40'/40'HQ		Piece	40/80/96	20/40/42	20/40/42

3.10. Slim-duct indoor

Table 18. General Specification (slim-duct indoor)

Model			YV3VXH022WAR--GX	YV3VXH028WAR--GX	YV3VXH036WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	7500	9500	12300
	Capacity	kW	2.2	2.8	3.6
	Power Input	W	50	50	56
	Current	A	0.23	0.23	0.26
Heating	Capacity	Btu/h	8500	10900	13600
	Capacity	kW	2.5	3.2	4
	Power Input	W	50	50	56
	Current	A	0.23	0.23	0.26
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	42	42	48
Capacitor		μF	1.2μF	1.2μF	3.0μF
Speed (High/Middle/Low)		rpm	660/580/510	660/580/510	950/800/710
Indoor Noise Level (H/M/L)		dB (A)	27/24/21	27/24/21	30/28/25
Indoor Coil					
a. Number of Rows			1	1	2
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	21*13.3	21*13.3
c. Fin Spacing		mm	1.4	1.4	1.4
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7 Inner Groove Tube	ø7 Inner Groove Tube
f. Coil Length x Height x Width		mm	640*210*13.3	640*210*13.3	640*210*26.6
g. Number of Circuits			2	2	3
External Static Pressure		Pa	0-30	0-30	0-30
Indoor Air Flow (Hi)		m^3/h	480	480	550
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness			0.8	0.8	0.8
Drain Pan Material			PS	PS	PS
Drain Pan Insulation			20	20	20
Drain Pump Option			Standard 600mm	Standard 600mm	Standard 600mm
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	0.8	0.8	0.8
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	850*185*420	850*185*420	850*185*420
	Packing (W*H*D)	mm	1045*270*540	1045*270*540	1045*270*540
	Net/Gross Weight	kg	16.5/21.5	16.5/21.5	17.5/22.5
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35/ø9.52	ø6.35/ø9.52	ø6.35/ø12.7
Qty per 20'/40'/40'HQ		Piece	180/370/440	180/370/440	180/370/440

Model			YV3VXH045WAR--GX	YV3VXH056WAR--GX	YV3VXH071WAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	220~230-1-50/60	220~230-1-50/60
Nominal Capacity					
Cooling	Capacity	Btu/h	15300	19100	24200
	Capacity	kW	4.5	5.6	7.1
	Power Input	W	65	80	117
	Current	A	0.3	0.37	0.54
Heating	Capacity	Btu/h	17100	21500	27300
	Capacity	kW	5	6.3	8
	Power Input	W	65	80	117
	Current	A	0.3	0.37	0.54
Indoor Motor					
Type			AC	AC	AC
Insulation Class			B	B	B
IP Class			IP20	IP20	IP20
Power Input		W	57	72	109
Capacitor		μF	3.5μF	3.5μF	4.0μF
Speed (High/Middle/Low)		rpm	1220/1060/950	1030/880/780	1210/1065/955
Indoor Noise Level (H/M/L)		dB (A)	33/30/27	33/30/28	36/33/31
Indoor Coil					
a. Number of Rows			3	2	3
b. Tube Pitch (a) x Row Pitch (b)		mm	21*13.3	21*13.3	21*13.3
c. Fin Spacing		mm	1.4	1.4	1.4
d. Fin Type (code)			Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
e. Tube Outside Dia. and Type		mm	ø7 Inner Groove Tube	ø7 Inner Groove Tube	ø7 Inner Groove Tube
f. Coil Length x Height x Width		mm	640*210*39.9	960*210*26.6	960*210*39.9
g. Number of Circuits			4	4	5
External Static Pressure		Pa	0-30	0-30	0-30
Indoor Air Flow (Hi)		m^3/h	640	800	930
Cabinet					
Cabinet Coating Type			Galvanized	Galvanized	Galvanized
Cabinet Salt Spray Test Duration		Hour	72	72	72
Control Box IP Class			IP20	IP20	IP20
Construction					
Sheet Metal Thickness			0.8	0.8	0.8
Drain Pan Material			PS	PS	PS
Drain Pan Insulation			20	20	20
Drain Pump Option			Standard 600mm	Standard 600mm	Standard 600mm
Branch Outlet Option			No	No	No
Indoor Wall					
Material			Hot Zinc Plate	Hot Zinc Plate	Hot Zinc Plate
Thickness		mm	0.8	0.8	0.8
Double or Single Skin			Single	Single	Single
Air Filter					
Normal Filter					
Material			PP	PP	PP
Mesh			100	100	100
Pressure Drop		Pa	5	5	5
Technical Specification					
Indoor Unit	Dimension (W*H*D)	mm	850*185*420	1170*185*420	1170*185*420
	Packing (W*H*D)	mm	1045*270*540	1365*270*540	1365*270*540
	Net/Gross Weight	kg	18.5/23.5	22.2/28.2	24/30
Piping Size	Liquid/ Gas Side	mm (inch)	ø6.35/ø12.7	ø6.35/ø12.7	ø9.52/ø15.88
Qty per 20'/40'/40'HQ		Piece	180/370/440	140/290/340	140/290/340

3.11. HRV

Table 19. General Specification (HRV)

Model			YV6VXH015CAR--GX	YV6VXH026CAR--GX
Power Supply		V-Ph-Hz	220~230-1-50/60	1Ph/220~230V/50-60Hz
Indoor Motor				
Type			AC FAN MOTOR	AC FAN MOTOR
Power Input		W	65	65
Capacitor		μF	2.5	2.5
Speed (High/Low)		rpm	1040/660	1040/660
Indoor Noise Level (H/M/L)		dB (A)	42/40/32	44/42/34
Indoor Coil				
Indoor Air Flow (Hi)		m^3/h	150	200
Cabinet				
Technical Specification				
Indoor Unit	Dimension (W*H*D)	mm	940*276*685	940*276*685
	Packing (W*H*D)	mm	1000*320*760	1000*320*760
	Net/Gross Weight	kg	28.7/31.2	28.7/31.2
Qty per 20'/40'/40'HQ		Piece	119/252/288	119/252/288

Model			YV6VXH080CAR--GX	YV6VXH100CAR--GX
Power Supply		V-Ph-Hz	1Ph/220~230V/50-60Hz	1Ph/220~230V/50Hz
Indoor Motor				
Type			AC FAN MOTOR	AC FAN MOTOR
Power Input		W	270	270
Capacitor		μF	5	5
Speed (High/Low)		rpm	1240/1100	1240/1100
Indoor Noise Level (H/M/L)		dB (A)	55/53/50	57/55/52
Indoor Coil				
Indoor Air Flow (Hi)		m^3/h	800	1000
Cabinet				
Technical Specification				
Indoor Unit	Dimension (W*H*D)	mm	1227*387*1115	1227*387*1115
	Packing (W*H*D)	mm	1452*410*1200	1452*410*1200
	Net/Gross Weight	kg	85.5/90.6	85.5/90.6
Qty per 20'/40'/40'HQ		Piece	20/50/60	20/50/60

4. Capacity table

4.1. Outdoor cooling capacity

Table 20. Cooling capacity YV2VYT024KAS-D-X

YV2VYT024KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	20.58	2.59	24.31	3.14	28.04	3.67	29.61	4.16	31.17	4.03	32.08	3.66	32.58	3.28
	0	20.58	2.62	24.31	3.18	28.04	3.72	29.61	4.20	31.17	4.08	32.08	3.72	32.58	3.35
	5	20.58	2.68	24.31	3.23	28.04	3.78	29.61	4.27	31.17	4.15	32.08	3.79	32.58	3.43
	10	20.58	2.81	24.31	3.39	28.04	3.96	29.15	4.26	30.26	4.18	30.97	4.00	31.68	3.80
	15	20.58	2.95	24.31	3.53	28.04	4.14	28.70	4.25	29.36	4.20	29.96	4.20	30.77	4.22
	20	20.58	3.09	24.31	3.92	27.74	4.74	28.04	4.76	28.35	4.79	29.05	4.83	29.76	4.88
	25	20.58	3.71	24.31	4.70	26.73	5.35	27.09	5.37	27.44	5.41	28.15	5.45	28.85	5.51
	30	20.58	4.37	24.31	5.60	25.83	5.99	26.18	5.99	26.53	6.01	27.14	6.05	27.94	6.27
	35	20.58	5.18	24.21	6.53	24.92	6.59	25.22	6.63	25.52	6.66	26.23	6.73	26.93	6.80
	41	20.58	5.90	23.30	7.03	24.01	7.10	24.36	7.15	24.72	7.18	25.32	7.34	26.13	7.42
	43	20.58	6.40	22.80	7.42	23.40	8.08	23.81	8.23	24.21	8.31	24.82	8.46	25.52	8.57
120%	-5	19.07	2.42	22.40	2.86	25.93	3.19	27.79	3.61	29.66	3.89	31.37	3.94	31.98	3.63
	0	19.07	2.45	22.40	2.89	25.93	3.23	27.79	3.65	29.66	3.94	31.37	3.99	31.98	3.70
	5	19.07	2.51	22.40	2.95	25.93	3.30	27.79	3.71	29.66	4.02	31.37	4.06	31.98	3.78
	10	19.07	2.56	22.40	3.09	25.93	3.62	27.59	3.90	29.26	4.15	30.47	4.13	31.07	3.95
	15	19.07	2.69	22.40	3.23	25.93	3.80	27.44	4.06	28.95	4.27	29.56	4.19	30.16	4.13
	20	19.07	2.81	22.40	3.49	25.93	4.29	26.93	4.72	27.94	4.75	28.55	4.79	29.15	4.83
	25	19.07	3.32	22.40	4.19	25.93	5.15	26.48	5.34	27.04	5.36	27.64	5.42	28.25	5.46
	30	19.07	3.86	22.40	4.97	25.32	5.93	25.72	5.96	26.13	5.99	26.63	6.04	27.24	6.11
	35	19.07	4.64	22.40	5.86	24.41	6.55	24.77	6.58	25.12	6.62	25.72	6.67	26.33	6.74
	41	19.07	5.34	22.40	6.88	23.51	7.03	23.86	7.04	24.21	7.04	24.82	7.34	25.42	7.34
	43	19.07	5.72	22.40	7.86	23.00	7.90	23.30	8.08	23.61	8.13	24.21	8.39	24.92	8.54
110%	-5	17.45	2.14	20.58	2.59	23.71	3.03	25.27	3.28	26.83	3.47	30.87	4.16	31.58	3.89
	0	17.45	2.17	20.58	2.62	23.71	3.07	25.27	3.32	26.83	3.53	30.87	4.21	31.58	3.96
	5	17.45	2.22	20.58	2.68	23.71	3.14	25.27	3.39	26.83	3.60	30.87	4.29	31.58	4.04
	10	17.45	2.33	20.58	2.80	23.71	3.29	25.27	3.53	26.83	3.78	29.96	4.27	30.57	4.11
	15	17.45	2.43	20.58	2.92	23.71	3.43	25.27	3.67	26.83	3.95	28.95	4.25	29.56	4.18
	20	17.45	2.55	20.58	3.08	23.71	3.78	25.27	4.14	26.83	4.53	28.04	4.76	28.65	4.80
	25	17.45	2.95	20.58	3.69	23.71	4.53	24.92	5.34	26.13	5.58	26.73	5.62	27.34	5.67
	30	17.45	3.50	20.58	4.39	23.71	5.39	24.56	5.88	25.42	5.95	26.13	5.99	26.73	6.05
	35	17.45	4.11	20.58	5.17	23.71	6.36	24.16	6.54	24.61	6.57	25.22	6.63	25.83	6.68
	41	17.45	4.81	20.58	6.06	23.00	7.14	23.35	7.16	23.71	7.12	24.21	7.27	24.92	7.42
	43	17.45	5.18	20.58	6.45	22.40	7.45	22.80	7.79	23.20	7.49	23.71	7.64	24.31	7.79
100%	-5	15.84	1.99	18.66	2.32	21.49	2.75	23.90	2.93	24.41	3.10	27.24	3.53	30.97	4.14
	0	15.84	2.02	18.66	2.35	21.49	2.79	23.90	2.97	24.41	3.15	27.24	3.58	30.97	4.20
	5	15.84	2.08	18.66	2.40	21.49	2.86	23.90	3.04	24.41	3.23	27.24	3.66	30.97	4.29
	10	15.84	2.09	18.66	2.52	21.49	2.95	23.90	3.17	24.41	3.39	27.24	3.84	29.96	4.27
	15	15.84	2.18	18.66	2.63	21.49	3.08	23.90	3.32	24.41	3.55	27.24	4.02	28.95	4.25
	20	15.84	2.29	18.66	2.75	21.49	3.29	23.90	3.60	24.41	3.93	27.24	4.64	28.04	4.76
	25	15.84	2.59	18.66	3.23	21.49	3.95	23.90	4.32	24.41	4.72	26.63	5.34	27.14	5.39
	30	15.84	3.06	18.66	3.84	21.49	4.69	23.90	5.14	24.41	5.58	25.62	5.95	26.13	6.01
	35	15.84	3.60	18.66	4.53	21.49	5.53	23.90	5.95	24.21	6.53	24.72	6.58	25.22	6.63
	41	15.84	4.22	18.66	5.25	21.49	6.47	23.10	6.82	23.30	7.15	23.81	7.19	24.31	7.27
	43	15.84	4.60	18.66	5.63	21.49	6.85	22.50	7.49	22.70	7.49	23.30	7.56	23.81	7.64

To be continued

Continued

YV2VYT024KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	14.25	1.69	16.80	2.05	19.34	2.40	21.51	2.58	21.99	2.74	24.51	3.13	27.04	3.50
	0	14.25	1.72	16.80	2.08	19.34	2.44	21.51	2.62	21.99	2.79	24.51	3.19	27.04	3.56
	5	14.25	1.77	16.80	2.13	19.34	2.51	21.51	2.69	21.99	2.87	24.51	3.26	27.04	3.65
	10	14.25	1.86	16.80	2.24	19.34	2.62	21.51	2.81	21.99	3.01	24.51	3.41	27.04	3.82
	15	14.25	1.95	16.80	2.34	19.34	2.73	21.51	2.95	21.99	3.15	24.51	3.56	27.04	3.99
	20	14.25	2.04	16.80	2.44	19.34	2.87	21.51	3.10	21.99	3.38	24.51	3.96	27.04	4.60
	25	14.25	2.25	16.80	2.80	19.34	3.40	21.51	3.71	21.99	4.05	24.51	4.76	26.53	5.34
	30	14.25	2.66	16.80	3.32	19.34	4.04	21.51	4.41	21.99	4.81	24.51	5.69	25.62	5.95
	35	14.25	3.14	16.80	3.91	19.34	4.75	21.51	5.20	21.99	5.68	24.21	6.53	24.72	6.57
	41	14.25	3.66	16.80	4.57	19.34	5.58	21.51	5.74	21.99	6.65	23.30	7.14	23.61	7.19
	43	14.25	4.04	16.80	4.83	19.34	5.94	21.51	6.37	21.99	7.18	22.70	7.42	23.10	7.56
80%	-5	12.67	1.49	14.93	1.80	17.19	2.08	19.12	2.25	19.47	2.39	21.79	2.73	24.11	3.03
	0	12.67	1.53	14.93	1.83	17.19	2.13	19.12	2.30	19.47	2.44	21.79	2.78	24.11	3.10
	5	12.67	1.58	14.93	1.89	17.19	2.19	19.12	2.36	19.47	2.52	21.79	2.86	24.11	3.18
	10	12.67	1.65	14.93	1.96	17.19	2.29	19.12	2.46	19.47	2.64	21.79	2.99	24.11	3.34
	15	12.67	1.72	14.93	2.05	17.19	2.40	19.12	2.57	19.47	2.75	21.79	3.13	24.11	3.50
	20	12.67	1.80	14.93	2.15	17.19	2.51	19.12	2.70	19.47	2.89	21.79	3.34	24.11	4.01
	25	12.67	1.94	14.93	2.39	17.19	2.89	19.12	3.15	19.47	3.43	21.79	4.01	24.11	4.97
	30	12.67	2.29	14.93	2.83	17.19	3.43	19.12	3.75	19.47	4.06	21.79	4.76	24.11	5.51
	35	12.67	2.70	14.93	3.34	17.19	4.04	19.12	4.41	19.47	4.80	21.79	5.62	24.11	6.49
	41	12.67	3.22	14.93	3.90	17.19	4.71	19.12	5.16	19.47	5.63	21.79	6.57	23.00	7.14
	43	12.67	3.71	14.93	4.22	17.19	4.99	19.12	5.60	19.47	6.19	21.79	6.79	21.89	7.56
70%	-5	11.09	1.28	13.06	1.54	15.04	1.79	16.73	1.92	17.05	2.05	19.07	2.33	21.08	1.86
	0	11.09	1.31	13.06	1.57	15.04	1.83	16.73	1.97	17.05	2.10	19.07	2.39	21.08	1.92
	5	11.09	1.37	13.06	1.63	15.04	1.90	16.73	2.03	17.05	2.18	19.07	2.46	21.08	2.01
	10	11.09	1.43	13.06	1.69	15.04	1.99	16.73	2.12	17.05	2.27	19.07	2.57	21.08	2.88
	15	11.09	1.49	13.06	1.77	15.04	2.07	16.73	2.22	17.05	2.37	19.07	2.69	21.08	3.00
	20	11.09	1.56	13.06	1.85	15.04	2.17	16.73	2.33	17.05	2.48	19.07	2.81	21.08	3.18
	25	11.09	1.64	13.06	2.01	15.04	2.42	16.73	2.63	17.05	2.86	19.07	3.32	21.08	3.82
	30	11.09	1.94	13.06	2.38	15.04	2.87	16.73	3.13	17.05	3.39	19.07	3.94	21.08	4.53
	35	11.09	2.29	13.06	2.80	15.04	3.36	16.73	3.67	17.05	3.97	19.07	4.64	21.08	5.34
	41	11.09	2.66	13.06	3.23	15.04	3.93	16.73	4.22	17.05	4.65	19.07	5.42	21.08	6.25
	43	11.09	2.81	13.06	3.39	15.04	4.35	16.73	4.32	17.05	5.01	19.07	5.89	21.08	6.82
60%	-5	9.50	1.09	11.20	1.30	12.89	1.50	14.34	1.62	14.73	1.70	16.34	1.94	18.06	2.15
	0	9.50	1.12	11.20	1.33	12.89	1.54	14.34	1.66	14.73	1.75	16.34	1.99	18.06	2.22
	5	9.50	1.17	11.20	1.39	12.89	1.60	14.34	1.73	14.73	1.83	16.34	2.07	18.06	2.30
	10	9.50	1.22	11.20	1.45	12.89	1.68	14.34	1.80	14.73	1.92	16.34	2.16	18.06	2.42
	15	9.50	1.28	11.20	1.50	12.89	1.75	14.34	1.87	14.73	2.00	16.34	2.26	18.06	2.53
	20	9.50	1.32	11.20	1.57	12.89	1.83	14.34	1.96	14.73	2.09	16.34	2.37	18.06	2.64
	25	9.50	1.39	11.20	1.66	12.89	1.99	14.34	2.15	14.73	2.33	16.34	2.69	18.06	3.08
	30	9.50	1.61	11.20	1.98	12.89	2.36	14.34	2.55	14.73	2.75	16.34	3.18	18.06	3.65
	35	9.50	1.90	11.20	2.31	12.89	2.75	14.34	2.99	14.73	3.24	16.34	3.75	18.06	4.30
	41	9.50	2.21	11.20	2.69	12.89	3.21	14.34	3.49	14.73	3.78	16.34	4.38	18.06	5.04
	43	9.50	2.39	11.20	2.73	12.89	3.48	14.34	3.87	14.73	4.11	16.34	4.69	18.06	5.48
50%	-5	7.92	0.90	9.33	1.09	10.74	1.21	11.95	1.28	12.21	1.37	13.62	1.56	15.03	1.73
	0	7.92	0.93	9.33	1.12	10.74	1.26	11.95	1.32	12.21	1.43	13.62	1.62	15.03	1.80
	5	7.92	0.98	9.33	1.17	10.74	1.32	11.95	1.39	12.21	1.50	13.62	1.69	15.03	1.89
	10	7.92	1.02	9.33	1.20	10.74	1.39	11.95	1.48	12.21	1.57	13.62	1.77	15.03	1.98
	15	7.92	1.06	9.33	1.23	10.74	1.45	11.95	1.55	12.21	1.65	13.62	1.85	15.03	2.07
	20	7.92	1.11	9.33	1.31	10.74	1.50	11.95	1.61	12.21	1.72	13.62	1.94	15.03	2.16
	25	7.92	1.15	9.33	1.35	10.74	1.58	11.95	1.70	12.21	1.84	13.62	2.11	15.03	2.40
	30	7.92	1.32	9.33	1.59	10.74	1.87	11.95	2.03	12.21	2.18	13.62	2.52	15.03	2.86
	35	7.92	1.55	9.33	1.86	10.74	2.20	11.95	2.38	12.21	2.56	13.62	2.95	15.03	3.35
	41	7.92	1.81	9.33	2.04	10.74	2.56	11.95	2.78	12.21	2.99	13.62	3.43	15.03	3.92
	43	7.92	1.99	9.33	2.22	10.74	2.79	11.95	2.99	12.21	3.21	13.62	3.73	15.03	4.25

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 21. Cooling capacity YV2VYT029KAS-D-X

YV2VYT029KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	26.01	3.97	30.65	4.77	35.30	5.47	37.36	6.09	38.60	6.01	39.32	5.44	40.36	5.31
	0	26.01	4.00	30.65	4.80	35.30	5.51	37.36	6.14	38.60	6.06	39.32	5.49	40.36	5.37
	5	26.01	4.05	30.65	4.85	35.30	5.58	37.36	6.20	38.60	6.14	39.32	5.57	40.36	5.45
	10	26.01	4.12	30.65	4.93	35.30	5.76	37.78	6.18	38.09	6.07	39.02	5.81	39.84	5.54
	15	26.01	4.29	30.65	5.15	35.30	6.01	37.05	6.17	37.36	6.11	37.78	6.15	38.71	6.16
	20	26.01	4.52	30.65	5.70	34.89	6.87	35.92	6.89	35.71	6.94	36.64	7.00	37.47	7.06
	25	26.01	5.40	30.65	6.82	33.85	7.78	34.68	7.79	34.58	7.82	35.51	7.88	36.23	7.98
	30	26.01	6.40	30.65	7.57	32.51	8.60	32.82	8.68	33.34	8.71	33.24	8.81	34.99	8.92
	35	26.01	7.46	30.35	9.43	31.79	9.54	31.69	9.61	32.20	9.61	33.13	9.74	33.85	9.74
	41	26.01	8.71	30.14	10.26	30.14	10.37	30.65	10.37	30.96	10.37	32.00	10.37	32.41	10.47
	43	26.01	9.43	29.62	10.37	29.52	10.37	30.04	10.46	30.24	10.46	31.38	10.49	31.48	10.51
120%	-5	24.15	3.62	28.28	4.27	32.62	5.00	34.78	5.41	36.85	5.79	38.81	5.92	39.63	5.64
	0	24.15	3.65	28.28	4.30	32.62	5.04	34.78	5.45	36.85	5.85	38.81	5.97	39.63	5.70
	5	24.15	3.70	28.28	4.35	32.62	5.10	34.78	5.52	36.85	5.92	38.81	6.04	39.63	5.78
	10	24.15	3.76	28.28	4.52	32.62	5.29	34.78	5.66	36.85	6.04	38.40	6.00	39.12	5.76
	15	24.15	3.94	28.28	4.73	32.62	5.52	34.78	5.91	36.33	6.19	37.05	6.09	37.88	6.12
	20	24.15	4.12	28.28	5.08	32.62	6.23	34.78	6.85	35.20	6.89	35.92	6.95	36.74	7.01
	25	24.15	4.84	28.28	6.09	32.62	7.46	33.65	7.73	34.06	7.78	34.89	7.88	35.51	7.88
	30	24.15	5.73	28.28	7.22	31.79	8.60	32.31	8.65	32.72	8.68	33.44	8.71	34.37	8.81
	35	24.15	6.72	28.28	8.50	31.17	9.43	31.17	9.51	31.58	9.51	32.41	9.64	33.13	9.74
	41	24.15	7.78	28.28	9.74	29.52	10.37	30.14	10.37	30.55	10.37	30.86	10.37	31.69	10.37
	43	24.15	8.60	28.28	10.37	28.90	10.47	29.52	10.46	29.83	10.46	30.14	10.47	31.17	10.49
110%	-5	22.19	3.28	25.91	3.88	29.93	4.52	31.89	4.91	33.75	5.29	38.19	6.10	38.91	5.87
	0	22.19	3.31	25.91	3.91	29.93	4.56	31.89	4.95	33.75	5.34	38.19	6.16	38.91	5.93
	5	22.19	3.36	25.91	3.96	29.93	4.62	31.89	5.02	33.75	5.41	38.19	6.23	38.91	6.01
	10	22.19	3.42	25.91	4.11	29.93	4.80	31.89	5.15	33.75	5.50	37.67	6.20	38.40	5.98
	15	22.19	3.59	25.91	4.29	29.93	5.02	31.89	5.38	33.75	5.74	36.43	6.17	37.26	6.07
	20	22.19	3.74	25.91	4.51	29.93	5.49	31.89	6.02	33.75	6.57	35.30	6.90	36.02	6.96
	25	22.19	4.30	25.91	5.39	29.93	6.57	31.89	7.22	33.34	7.72	34.06	7.78	34.78	7.88
	30	22.19	5.08	25.91	6.38	29.93	7.88	31.89	8.51	31.89	8.59	32.93	8.71	33.65	8.71
	35	22.19	5.97	25.91	7.50	29.93	8.60	30.65	9.41	31.07	9.51	31.69	9.64	32.41	9.74
	41	22.19	6.98	25.91	8.81	29.21	9.33	29.62	10.18	29.93	10.18	30.24	10.26	31.17	10.26
	43	22.19	7.57	25.91	9.54	28.49	10.06	29.00	10.27	29.21	10.27	29.52	10.37	30.45	10.37
100%	-5	20.02	2.95	23.53	3.49	27.15	4.09	29.30	4.64	30.65	4.69	34.27	5.37	39.53	6.07
	0	20.02	2.99	23.53	3.52	27.15	4.14	29.30	4.69	30.65	4.75	34.27	5.42	39.53	6.14
	5	20.02	3.04	23.53	3.58	27.15	4.20	29.30	4.75	30.65	4.82	34.27	5.49	39.53	6.22
	10	20.02	3.09	23.53	3.70	27.15	4.31	29.30	4.62	30.65	4.96	34.27	5.59	38.91	6.19
	15	20.02	3.22	23.53	3.86	27.15	4.51	29.30	4.85	30.65	5.17	34.27	5.84	38.19	6.16
	20	20.02	3.38	23.53	4.04	27.15	4.80	29.30	5.26	30.65	5.73	34.27	6.73	37.57	6.90
	25	20.02	3.79	23.53	4.73	27.15	5.74	29.30	6.29	30.65	6.85	33.44	7.78	36.23	7.78
	30	20.02	4.49	23.53	5.54	27.15	6.80	29.30	7.35	30.65	8.13	32.20	8.60	34.58	8.71
	35	20.02	5.26	23.53	6.55	27.15	8.00	29.30	7.63	30.45	9.41	31.07	9.54	32.93	9.64
	41	20.02	6.14	23.53	7.67	27.15	9.32	29.10	9.70	29.31	10.09	29.93	10.26	30.55	10.06
	43	20.02	6.84	23.53	8.29	27.15	10.08	28.50	10.08	28.59	10.37	29.42	10.37	29.83	10.26

To be continued

Continued

YV2VYT029KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	18.02	2.63	21.18	3.16	24.43	3.67	26.37	3.91	27.76	4.25	30.86	4.71	34.06	5.25
	0	18.02	2.66	21.18	3.19	24.43	3.71	26.37	3.95	27.76	4.30	30.86	4.76	34.06	5.32
	5	18.02	2.72	21.18	3.24	24.43	3.77	26.37	4.01	27.76	4.37	30.86	4.83	34.06	5.40
	10	18.02	2.77	21.18	3.30	24.43	3.84	26.37	4.13	27.76	4.41	30.86	4.98	34.06	5.55
	15	18.02	2.88	21.18	3.44	24.43	4.01	26.37	4.29	27.76	4.61	30.86	5.19	34.06	5.80
	20	18.02	3.02	21.18	3.61	24.43	4.20	26.37	4.53	27.76	4.93	30.86	5.76	34.06	6.67
	25	18.02	3.32	21.18	4.11	24.43	4.97	26.37	5.42	27.76	5.89	30.86	6.89	33.44	7.78
	30	18.02	3.92	21.18	4.85	24.43	5.88	26.37	6.42	27.76	6.99	30.86	8.19	32.31	8.60
	35	18.02	4.58	21.18	5.68	24.43	6.89	26.37	7.55	27.76	8.22	30.45	9.43	31.07	9.54
	41	18.02	5.28	21.18	6.62	24.43	7.98	26.37	8.81	27.76	9.41	29.11	10.26	29.93	10.26
	43	18.02	5.46	21.18	7.19	24.43	8.60	26.37	9.23	27.76	9.70	27.87	10.37	29.31	10.37
80%	-5	16.02	2.33	18.83	2.78	21.72	3.22	23.44	3.50	24.57	3.64	27.46	4.14	30.24	4.47
	0	16.02	2.36	18.83	2.81	21.72	3.26	23.44	3.54	24.57	3.69	27.46	4.19	30.24	4.53
	5	16.02	2.42	18.83	2.86	21.72	3.33	23.44	3.61	24.57	3.76	27.46	4.26	30.24	4.61
	10	16.02	2.46	18.83	2.91	21.72	3.38	23.44	3.69	24.57	3.87	27.46	4.37	30.24	4.87
	15	16.02	2.55	18.83	3.04	21.72	3.54	23.44	3.78	24.57	4.04	27.46	4.57	30.24	5.09
	20	16.02	2.66	18.83	3.16	21.72	3.69	23.44	3.96	24.57	4.23	27.46	4.87	30.24	5.62
	25	16.02	2.86	18.83	3.51	21.72	4.23	23.44	4.61	24.57	5.00	27.46	5.84	30.24	6.72
	30	16.02	3.38	18.83	4.16	21.72	5.00	23.44	5.45	24.57	5.92	27.46	6.90	30.24	7.98
	35	16.02	3.95	18.83	4.86	21.72	5.88	23.44	6.41	24.57	6.96	27.46	8.09	30.24	9.43
	41	16.02	4.48	18.83	5.78	21.72	6.83	23.44	7.44	24.57	8.08	26.94	9.33	29.00	10.06
	43	16.02	4.77	18.83	5.78	21.72	7.38	23.44	7.91	24.57	8.46	25.70	9.74	28.38	10.26
70%	-5	14.02	2.02	16.47	2.40	19.00	2.69	20.51	3.02	21.47	3.13	23.95	3.55	26.53	3.83
	0	14.02	2.05	16.47	2.44	19.00	2.74	20.51	3.06	21.47	3.18	23.95	3.61	26.53	3.90
	5	14.02	2.10	16.47	2.49	19.00	2.80	20.51	3.12	21.47	3.26	23.95	3.68	26.53	3.98
	10	14.02	2.14	16.47	2.53	19.00	2.92	20.51	3.14	21.47	3.35	23.95	3.77	26.53	4.21
	15	14.02	2.23	16.47	2.63	19.00	3.06	20.51	3.27	21.47	3.49	23.95	3.94	26.53	4.41
	20	14.02	2.32	16.47	2.75	19.00	3.19	20.51	3.42	21.47	3.65	23.95	4.13	26.53	4.64
	25	14.02	2.45	16.47	2.98	19.00	3.56	20.51	3.86	21.47	4.18	23.95	4.85	26.53	5.56
	30	14.02	2.88	16.47	3.49	19.00	4.20	20.51	4.56	21.47	4.94	23.95	5.74	26.53	6.58
	35	14.02	3.37	16.47	4.11	19.00	4.92	20.51	5.35	21.47	5.80	23.95	6.74	26.53	7.78
	41	14.02	3.84	16.47	4.77	19.00	5.75	20.51	6.24	21.47	6.75	23.95	7.78	26.53	9.02
	43	14.02	4.12	16.47	5.17	19.00	6.22	20.51	6.81	21.47	7.32	22.71	8.19	25.91	9.43
60%	-5	12.01	1.73	14.12	2.05	16.29	2.34	17.58	2.54	18.37	2.65	20.54	2.89	22.71	3.19
	0	12.01	1.76	14.12	2.08	16.29	2.38	17.58	2.58	18.37	2.70	20.54	2.94	22.71	3.25
	5	12.01	1.81	14.12	2.14	16.29	2.45	17.58	2.64	18.37	2.78	20.54	3.02	22.71	3.34
	10	12.01	1.85	14.12	2.17	16.29	2.49	17.58	2.76	18.37	2.84	20.54	3.19	22.71	3.56
	15	12.01	1.92	14.12	2.25	16.29	2.59	17.58	2.78	18.37	2.96	20.54	3.33	22.71	3.71
	20	12.01	2.00	14.12	2.35	16.29	2.71	17.58	2.90	18.37	3.09	20.54	3.48	22.71	3.88
	25	12.01	2.08	14.12	2.48	16.29	2.92	17.58	3.17	18.37	3.42	20.54	3.95	22.71	4.50
	30	12.01	2.42	14.12	2.92	16.29	4.41	17.58	3.74	18.37	4.02	20.54	4.65	22.71	5.32
	35	12.01	2.81	14.12	3.40	16.29	4.05	17.58	4.39	18.37	4.74	20.54	5.46	22.71	6.24
	41	12.01	3.27	14.12	2.99	16.29	4.65	17.58	4.80	18.37	5.49	20.54	6.37	22.71	7.29
	43	12.01	3.56	14.12	3.27	16.29	4.85	17.58	5.27	18.37	5.97	20.54	6.94	22.71	7.44
50%	-5	10.01	1.46	11.77	1.71	13.57	1.95	14.65	2.09	15.28	2.18	17.13	2.41	18.89	2.69
	0	10.01	1.49	11.77	1.74	13.57	1.99	14.65	2.13	15.28	2.23	17.13	2.47	18.89	2.76
	5	10.01	1.54	11.77	1.79	13.57	2.05	14.65	2.20	15.28	2.30	17.13	2.54	18.89	2.84
	10	10.01	1.57	11.77	1.81	13.57	2.08	14.65	2.22	15.28	2.35	17.13	2.63	18.89	2.92
	15	10.01	1.62	11.77	1.89	13.57	2.16	14.65	2.30	15.28	2.45	17.13	2.74	18.89	3.04
	20	10.01	1.68	11.77	1.96	13.57	2.25	14.65	2.41	15.28	2.56	17.13	2.86	18.89	3.18
	25	10.01	1.75	11.77	2.04	13.57	2.36	14.65	2.54	15.28	2.73	17.13	3.13	18.89	3.54
	30	10.01	1.99	11.77	2.36	13.57	2.78	14.65	3.00	15.28	3.22	17.13	3.68	18.89	4.18
	35	10.01	2.31	11.77	2.77	13.57	3.26	14.65	3.49	15.28	3.76	17.13	4.31	18.89	4.89
	41	10.01	2.70	11.77	3.20	13.57	3.75	14.65	4.04	15.28	4.37	17.13	5.16	18.89	5.76
	43	10.01	2.98	11.77	3.49	13.57	4.05	14.65	4.61	15.28	4.74	17.13	5.44	18.89	6.42

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 22. Cooling capacity YV2VYT035KAS-D-X

YV2VYT035KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	31.48	4.11	37.19	4.94	42.80	5.67	45.71	6.32	47.58	6.24	48.93	5.65	49.76	5.51
	0	31.48	4.14	37.19	4.97	42.80	5.71	45.71	6.36	47.58	6.28	48.93	5.69	49.76	5.56
	5	31.48	4.19	37.19	5.01	42.80	5.77	45.71	6.41	47.58	6.35	48.93	5.76	49.76	5.64
	10	31.48	4.26	37.19	5.11	42.80	5.97	45.71	6.39	46.23	6.28	47.27	6.01	48.30	5.73
	15	31.48	4.44	37.19	5.33	42.80	6.22	44.15	6.38	44.77	6.32	45.71	6.36	46.95	6.37
	20	31.48	4.67	37.19	5.90	42.38	7.11	42.80	7.14	43.32	7.18	44.36	7.23	45.40	7.30
	25	31.48	5.58	37.19	7.06	40.83	8.00	41.24	8.05	41.86	8.10	43.01	8.19	44.05	8.28
	30	31.48	6.61	37.19	7.82	39.37	8.92	39.89	8.98	40.51	9.02	41.45	9.11	42.69	9.20
	35	31.48	7.73	36.88	9.75	38.02	9.84	38.54	9.94	38.96	9.94	39.99	10.03	41.14	10.12
	41	31.48	9.02	35.63	10.58	36.67	10.76	37.09	10.73	37.71	10.76	38.64	10.76	39.89	10.76
	43	31.48	9.75	34.80	10.76	35.73	10.86	36.36	10.88	36.98	10.95	37.92	11.02	38.96	11.22
120%	-5	29.09	3.75	34.28	4.43	39.58	5.19	42.07	5.61	45.29	6.01	47.89	6.14	48.82	5.86
	0	29.09	3.78	34.28	4.46	39.58	5.22	42.07	5.65	45.29	6.06	47.89	6.19	48.82	5.91
	5	29.09	3.83	34.28	4.51	39.58	5.28	42.07	5.70	45.29	6.13	47.89	6.26	48.82	5.99
	10	29.09	3.89	34.28	4.67	39.58	5.46	42.07	5.86	44.67	6.26	46.54	6.21	47.47	5.96
	15	29.09	4.08	34.28	4.89	39.58	5.70	42.07	6.12	44.15	6.40	45.08	6.29	46.02	6.33
	20	29.09	4.26	34.28	5.26	39.58	6.45	42.07	7.08	42.69	7.13	43.53	7.19	44.46	7.26
	25	29.09	5.00	34.28	6.29	39.58	7.73	40.62	8.00	41.24	8.00	42.18	8.10	43.11	8.19
	30	29.09	5.92	34.28	7.46	38.64	8.83	39.27	8.94	39.89	9.02	40.62	9.02	41.55	9.11
	35	29.09	6.95	34.28	8.74	37.29	9.75	37.92	9.84	38.33	9.84	39.27	9.94	40.20	10.03
	41	29.09	8.10	34.28	10.03	35.84	10.76	36.36	10.73	36.98	10.76	37.92	10.76	38.85	10.76
	43	29.09	8.83	34.28	10.67	35.11	10.86	35.53	10.82	36.05	10.86	36.98	10.86	38.02	10.86
110%	-5	26.59	3.39	31.48	4.03	36.15	4.70	38.54	5.10	40.93	5.48	47.16	6.34	48.20	6.09
	0	26.59	3.42	31.48	4.06	36.15	4.74	38.54	5.13	40.93	5.53	47.16	6.38	48.20	6.14
	5	26.59	3.47	31.48	4.10	36.15	4.79	38.54	5.19	40.93	5.59	47.16	6.45	48.20	6.22
	10	26.59	3.54	31.48	4.25	36.15	4.97	38.54	5.33	40.93	5.69	45.71	6.41	46.64	6.18
	15	26.59	3.71	31.48	4.43	36.15	5.19	38.54	5.57	40.93	5.93	44.15	6.38	45.08	6.28
	20	26.59	3.87	31.48	4.66	36.15	5.69	38.54	6.24	40.93	6.80	42.80	7.15	43.73	7.19
	25	26.59	4.45	31.48	5.58	36.15	6.80	38.54	7.46	39.89	8.00	40.83	8.10	41.76	8.10
	30	26.59	5.26	31.48	6.60	36.15	8.19	38.54	8.80	38.85	8.92	39.89	9.02	40.83	9.02
	35	26.59	6.17	31.48	7.76	36.15	8.92	37.09	9.74	37.60	9.84	38.54	9.94	39.37	10.03
	41	26.59	7.21	31.48	9.11	35.11	9.66	35.73	10.52	36.15	10.49	36.98	10.58	38.02	10.58
	43	26.59	7.82	31.48	9.84	34.18	10.40	34.90	10.63	35.42	10.58	36.15	10.76	37.09	10.76
100%	-5	24.20	3.06	28.57	3.62	32.83	4.25	35.10	4.82	37.29	4.87	41.55	5.57	47.27	6.30
	0	24.20	3.09	28.57	3.65	32.83	4.29	35.10	4.86	37.29	4.92	41.55	5.62	47.27	6.36
	5	24.20	3.14	28.57	3.70	32.83	4.34	35.10	4.91	37.29	4.99	41.55	5.69	47.27	6.43
	10	24.20	3.19	28.57	3.83	32.83	4.46	35.10	4.79	37.29	5.12	41.55	5.78	45.71	6.40
	15	24.20	3.33	28.57	3.99	32.83	4.66	35.10	5.01	37.29	5.35	41.55	6.04	44.15	6.37
	20	24.20	3.50	28.57	4.18	32.83	4.97	35.10	5.44	37.29	5.92	41.55	6.96	42.80	7.15
	25	24.20	3.93	28.57	4.89	32.83	5.93	35.10	6.50	37.29	7.08	40.62	8.00	41.45	8.10
	30	24.20	4.64	28.57	5.73	32.83	7.04	35.10	7.60	37.29	8.37	39.16	8.92	39.89	9.02
	35	24.20	5.44	28.57	6.78	32.83	8.28	35.10	9.20	36.98	9.75	37.71	9.84	38.54	9.94
	41	24.20	6.35	28.57	7.91	32.83	9.64	34.60	10.04	35.53	10.40	36.36	10.58	37.09	10.40
	43	24.20	7.07	28.57	8.56	32.83	10.43	34.10	10.43	34.70	10.76	35.53	10.76	36.36	10.58

To be continued

Continued

YV2VYT035KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	21.78	2.74	25.71	3.28	29.54	3.81	31.59	4.06	33.55	4.41	37.40	4.88	41.24	5.45
	0	21.78	2.77	25.71	3.31	29.54	3.84	31.59	4.09	33.55	4.46	37.40	4.93	41.24	5.51
	5	21.78	2.82	25.71	3.36	29.54	3.90	31.59	4.15	33.55	4.53	37.40	5.00	41.24	5.58
	10	21.78	2.86	25.71	3.41	29.54	3.97	31.59	4.27	33.55	4.56	37.40	5.15	41.24	5.74
	15	21.78	2.98	25.71	3.56	29.54	4.15	31.59	4.44	33.55	4.77	37.40	5.38	41.24	6.00
	20	21.78	3.12	25.71	3.73	29.54	4.34	31.59	4.69	33.55	5.11	37.40	5.97	41.24	6.89
	25	21.78	3.43	25.71	4.25	29.54	5.13	31.59	5.60	33.55	6.10	37.40	7.14	40.51	8.00
	30	21.78	4.05	25.71	5.01	29.54	6.07	31.59	6.63	33.55	7.22	37.40	8.46	39.16	8.92
	35	21.78	4.74	25.71	5.88	29.54	7.14	31.59	7.80	33.55	8.46	36.98	9.75	37.71	9.84
	41	21.78	5.46	25.71	6.85	29.54	8.28	31.59	9.11	33.55	9.75	35.53	10.58	36.05	10.58
	43	21.78	5.66	25.71	7.44	29.54	8.83	31.59	9.54	33.55	10.03	34.70	10.76	35.22	10.76
80%	-5	19.36	2.43	22.85	2.89	26.26	3.35	28.08	3.63	29.71	3.78	33.24	4.29	36.77	4.63
	0	19.36	2.46	22.85	2.92	26.26	3.38	28.08	3.67	29.71	3.83	33.24	4.34	36.77	4.69
	5	19.36	2.50	22.85	2.96	26.26	3.44	28.08	3.73	29.71	3.89	33.24	4.41	36.77	4.77
	10	19.36	2.54	22.85	3.01	26.26	3.51	28.08	3.82	29.71	4.00	33.24	4.53	36.77	5.04
	15	19.36	2.64	22.85	3.14	26.26	3.66	28.08	3.91	29.71	4.18	33.24	4.73	36.77	5.27
	20	19.36	2.75	22.85	3.28	26.26	3.82	28.08	4.10	29.71	4.38	33.24	5.04	36.77	5.81
	25	19.36	2.96	22.85	3.64	26.26	4.38	28.08	4.77	29.71	5.17	33.24	6.04	36.77	6.95
	30	19.36	3.50	22.85	4.30	26.26	5.17	28.08	5.64	29.71	6.13	33.24	7.15	36.77	8.28
	35	19.36	4.09	22.85	5.03	26.26	6.07	28.08	6.62	29.71	7.19	33.24	8.37	36.77	9.75
	41	19.36	4.63	22.85	5.99	26.26	7.07	28.08	7.70	29.71	8.37	33.24	9.66	35.11	10.40
	43	19.36	4.94	22.85	5.99	26.26	7.64	28.08	8.18	29.71	8.74	33.24	10.03	33.45	10.58
70%	-5	16.94	2.10	20.00	2.50	22.98	2.80	24.57	3.14	26.07	3.25	29.09	3.70	32.20	3.99
	0	16.94	2.12	20.00	2.53	22.98	2.83	24.57	3.17	26.07	3.30	29.09	3.74	32.20	4.05
	5	16.94	2.17	20.00	2.58	22.98	2.89	24.57	3.23	26.07	3.37	29.09	3.81	32.20	4.12
	10	16.94	2.22	20.00	2.61	22.98	3.03	24.57	3.25	26.07	3.46	29.09	3.90	32.20	4.36
	15	16.94	2.30	20.00	2.72	22.98	3.16	24.57	3.39	26.07	3.61	29.09	4.08	32.20	4.55
	20	16.94	2.40	20.00	2.84	22.98	3.30	24.57	3.54	26.07	3.77	29.09	4.27	32.20	4.81
	25	16.94	2.53	20.00	3.08	22.98	3.68	24.57	3.99	26.07	4.32	29.09	5.01	32.20	5.75
	30	16.94	2.98	20.00	3.62	22.98	4.34	24.57	4.72	26.07	5.12	29.09	5.93	32.20	6.82
	35	16.94	3.48	20.00	4.25	22.98	5.10	24.57	5.54	26.07	6.00	29.09	6.97	32.20	8.00
	41	16.94	3.97	20.00	4.94	22.98	5.95	24.57	6.46	26.07	6.98	29.09	8.10	32.20	9.38
	43	16.94	4.26	20.00	5.35	22.98	6.44	24.57	7.05	26.07	7.57	29.09	8.46	32.20	9.75
60%	-5	14.52	1.80	17.14	2.14	19.70	2.44	21.06	2.64	22.44	2.76	24.93	3.01	27.53	3.32
	0	14.52	1.83	17.14	2.17	19.70	2.47	21.06	2.68	22.44	2.80	24.93	3.05	27.53	3.38
	5	14.52	1.88	17.14	2.22	19.70	2.53	21.06	2.73	22.44	2.87	24.93	3.12	27.53	3.45
	10	14.52	1.91	17.14	2.24	19.70	2.58	21.06	2.85	22.44	2.94	24.93	3.30	27.53	3.68
	15	14.52	1.99	17.14	2.33	19.70	2.69	21.06	2.87	22.44	3.07	24.93	3.44	27.53	3.84
	20	14.52	2.07	17.14	2.43	19.70	2.81	21.06	3.00	22.44	3.19	24.93	3.60	27.53	4.01
	25	14.52	2.15	17.14	2.56	19.70	3.03	21.06	3.28	22.44	3.54	24.93	4.08	27.53	4.66
	30	14.52	2.50	17.14	3.02	19.70	4.55	21.06	3.87	22.44	4.16	24.93	4.82	27.53	5.50
	35	14.52	2.91	17.14	3.52	19.70	4.19	21.06	4.54	22.44	4.89	24.93	5.66	27.53	6.46
	41	14.52	3.39	17.14	3.09	19.70	4.82	21.06	4.97	22.44	5.69	24.93	6.59	27.53	7.54
	43	14.52	3.68	17.14	3.39	19.70	5.01	21.06	5.45	22.44	6.17	24.93	7.18	27.53	7.70
50%	-5	12.10	1.52	14.28	1.77	16.41	2.03	17.55	2.18	18.59	2.27	20.78	2.52	22.96	2.81
	0	12.10	1.54	14.28	1.80	16.41	2.07	17.55	2.22	18.59	2.32	20.78	2.57	22.96	2.87
	5	12.10	1.59	14.28	1.85	16.41	2.13	17.55	2.27	18.59	2.38	20.78	2.63	22.96	2.94
	10	12.10	1.62	14.28	1.88	16.41	2.15	17.55	2.29	18.59	2.43	20.78	2.72	22.96	3.02
	15	12.10	1.67	14.28	1.95	16.41	2.24	17.55	2.38	18.59	2.53	20.78	2.83	22.96	3.15
	20	12.10	1.74	14.28	2.02	16.41	2.33	17.55	2.49	18.59	2.65	20.78	2.96	22.96	3.29
	25	12.10	1.81	14.28	2.12	16.41	2.44	17.55	2.63	18.59	2.82	20.78	3.24	22.96	3.66
	30	12.10	2.06	14.28	2.45	16.41	2.87	17.55	3.10	18.59	3.33	20.78	3.81	22.96	4.32
	35	12.10	2.39	14.28	2.86	16.41	3.37	17.55	3.62	18.59	3.89	20.78	4.46	22.96	5.06
	41	12.10	2.79	14.28	3.31	16.41	3.88	17.55	4.18	18.59	4.53	20.78	5.34	22.96	5.96
	43	12.10	3.08	14.28	3.61	16.41	4.19	17.55	4.77	18.59	4.90	20.78	5.63	22.96	6.63

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Capacity table

Table 23. Cooling capacity YV2VYT042KAS-D-X

YV2VYT042KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	37.56	5.60	44.30	6.87	51.05	8.11	54.57	9.20	56.75	8.94	58.41	8.11	59.35	7.25
	0	37.56	5.63	44.30	6.91	51.05	8.15	54.57	9.24	56.75	9.00	58.41	8.16	59.35	7.31
	5	37.56	5.69	44.30	6.96	51.05	8.21	54.57	9.31	56.75	9.07	58.41	8.24	59.35	7.40
	10	37.56	5.99	44.30	7.29	51.05	8.62	54.57	9.29	55.09	9.11	56.34	8.70	57.69	8.27
	15	37.56	6.30	44.30	7.64	51.05	9.03	52.71	9.28	53.43	9.17	54.57	9.16	56.03	9.20
	20	37.56	6.63	44.30	8.53	50.53	10.40	51.05	10.44	51.56	10.50	52.91	10.60	54.16	10.70
	25	37.56	8.04	44.30	10.31	48.66	11.78	49.18	11.89	49.90	11.89	51.25	12.00	52.50	12.10
	30	37.56	9.54	44.30	12.32	47.00	13.28	47.52	13.28	48.24	13.28	49.39	13.39	50.84	13.92
	35	37.56	11.46	43.99	14.46	45.34	14.67	45.86	14.67	46.48	14.78	47.73	14.89	49.07	15.10
	41	37.56	12.85	42.54	15.42	43.68	15.64	44.30	15.74	45.03	15.85	46.07	16.17	47.52	16.28
	43	37.56	14.03	41.50	15.96	42.64	16.17	43.37	16.49	44.09	16.71	45.13	16.94	46.48	17.73
120%	-5	34.65	5.20	40.88	6.22	47.21	6.98	50.11	7.93	53.95	8.61	57.06	8.74	58.20	8.05
	0	34.65	5.24	40.88	6.25	47.21	7.03	50.11	7.98	53.95	8.66	57.06	8.79	58.20	8.12
	5	34.65	5.29	40.88	6.31	47.21	7.09	50.11	8.04	53.95	8.74	57.06	8.87	58.20	8.20
	10	34.65	5.43	40.88	6.63	47.21	7.84	50.11	8.45	53.22	9.07	55.51	9.00	56.54	8.61
	15	34.65	5.70	40.88	6.96	47.21	8.25	50.11	8.87	52.71	9.31	53.85	9.14	54.88	9.02
	20	34.65	5.99	40.88	7.54	47.21	9.37	50.11	10.35	50.84	10.43	51.98	10.52	53.12	10.61
	25	34.65	7.14	40.88	9.14	47.21	11.33	48.45	11.78	49.18	11.78	50.32	12.00	51.46	12.00
	30	34.65	8.39	40.88	10.92	46.07	13.07	46.79	13.17	47.52	13.28	48.45	13.39	49.59	13.50
	35	34.65	10.15	40.88	12.96	44.41	14.57	45.13	14.57	45.75	14.67	46.79	14.78	47.93	14.99
	41	34.65	11.57	40.88	15.10	42.75	15.42	43.37	15.53	44.09	15.53	45.13	16.17	46.27	16.17
	43	34.65	12.42	40.88	15.85	41.92	15.96	42.43	16.17	42.95	16.49	44.09	16.82	45.34	17.02
110%	-5	31.75	4.56	37.56	5.60	43.16	6.63	45.86	7.21	48.87	7.68	56.23	9.23	57.48	8.66
	0	31.75	4.59	37.56	5.63	43.16	6.67	45.86	7.25	48.87	7.73	56.23	9.28	57.48	8.73
	5	31.75	4.65	37.56	5.69	43.16	6.74	45.86	7.32	48.87	7.81	56.23	9.36	57.48	8.81
	10	31.75	4.88	37.56	5.98	43.16	7.08	45.86	7.64	48.87	8.20	54.57	9.31	55.61	8.96
	15	31.75	5.12	37.56	6.27	43.16	7.42	45.86	7.96	48.87	8.59	52.71	9.25	53.85	9.11
	20	31.75	5.40	37.56	6.60	43.16	8.20	45.86	9.03	48.87	9.92	51.05	10.44	52.19	10.53
	25	31.75	6.30	37.56	8.01	43.16	9.92	45.86	11.77	47.52	12.32	48.66	12.42	49.80	12.53
	30	31.75	7.55	37.56	9.60	43.16	11.89	45.86	12.96	46.27	13.17	47.52	13.28	48.66	13.39
	35	31.75	8.94	37.56	11.39	43.16	14.14	44.30	14.46	44.82	14.57	45.86	14.67	47.00	14.89
	41	31.75	10.38	37.56	13.28	41.92	15.64	42.64	15.74	43.16	15.64	44.09	15.96	45.34	16.28
	43	31.75	11.25	37.56	14.14	40.77	15.53	41.71	15.96	42.23	16.39	43.16	16.60	44.30	16.92
100%	-5	28.84	4.23	34.03	4.98	39.11	5.99	41.70	6.39	44.41	6.83	49.59	7.80	56.34	9.21
	0	28.84	4.26	34.03	5.01	39.11	6.03	41.70	6.44	44.41	6.89	49.59	7.85	56.34	9.27
	5	28.84	4.32	34.03	5.07	39.11	6.09	41.70	6.50	44.41	6.96	49.59	7.93	56.34	9.36
	10	28.84	4.36	34.03	5.32	39.11	6.31	41.70	6.82	44.41	7.32	49.59	8.33	54.57	9.31
	15	28.84	4.56	34.03	5.58	39.11	6.62	41.70	7.14	44.41	7.67	49.59	8.74	52.71	9.25
	20	28.84	4.80	34.03	5.87	39.11	7.08	41.70	7.81	44.41	8.56	49.59	10.15	51.05	10.44
	25	28.84	5.47	34.03	6.96	39.11	8.59	41.70	9.46	44.41	10.36	48.45	11.78	49.39	11.89
	30	28.84	6.55	34.03	8.33	39.11	10.27	41.70	11.31	44.41	12.32	46.69	13.17	47.52	13.28
	35	28.84	7.81	34.03	9.90	39.11	12.20	41.70	12.21	44.09	14.46	45.03	14.57	45.86	14.67
	41	28.84	9.03	34.03	11.35	39.11	14.17	41.30	14.97	42.43	15.74	43.37	15.85	44.30	15.96
	43	28.84	9.90	34.03	12.32	39.11	15.04	41.00	15.58	41.29	15.96	42.43	16.28	43.37	16.60

To be continued

Continued

YV2VYT042KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	25.96	3.53	30.63	4.37	35.20	5.20	37.53	5.61	40.05	6.00	44.61	6.90	49.18	7.74
	0	25.96	3.57	30.63	4.40	35.20	5.25	37.53	5.65	40.05	6.05	44.61	6.95	49.18	7.81
	5	25.96	3.62	30.63	4.46	35.20	5.31	37.53	5.72	40.05	6.13	44.61	7.03	49.18	7.89
	10	25.96	3.82	30.63	4.68	35.20	5.56	37.53	6.01	40.05	6.45	44.61	7.37	49.18	8.29
	15	25.96	4.03	30.63	4.89	35.20	5.82	37.53	6.30	40.05	6.77	44.61	7.71	49.18	8.68
	20	25.96	4.24	30.63	5.15	35.20	6.13	37.53	6.65	40.05	7.28	44.61	8.62	49.18	10.06
	25	25.96	4.71	30.63	5.98	35.20	7.34	37.53	8.07	40.05	8.83	44.61	10.44	48.24	11.78
	30	25.96	5.67	30.63	7.17	35.20	8.79	37.53	9.66	40.05	10.56	44.61	12.53	46.69	13.17
	35	25.96	6.74	30.63	8.49	35.20	10.43	37.53	11.46	40.05	12.53	44.09	14.46	45.03	14.57
	41	25.96	7.75	30.63	9.83	35.20	12.10	37.53	12.53	40.05	14.57	42.43	15.74	42.95	15.85
	43	25.96	8.64	30.63	10.44	35.20	12.96	37.53	13.92	40.05	14.89	41.29	15.21	42.02	16.28
80%	-5	23.07	3.09	27.22	3.79	31.29	4.46	33.36	4.84	35.48	5.19	39.63	5.96	43.89	6.69
	0	23.07	3.13	27.22	3.82	31.29	4.51	33.36	4.88	35.48	5.25	39.63	6.02	43.89	6.76
	5	23.07	3.18	27.22	3.88	31.29	4.57	33.36	4.95	35.48	5.32	39.63	6.09	43.89	6.84
	10	23.07	3.33	27.22	4.07	31.29	4.82	33.36	5.21	35.48	5.60	39.63	6.39	43.89	7.20
	15	23.07	3.49	27.22	4.25	31.29	5.06	33.36	5.46	35.48	5.87	39.63	6.70	43.89	7.55
	20	23.07	3.67	27.22	4.48	31.29	5.31	33.36	5.73	35.48	6.18	39.63	7.20	43.89	8.73
	25	23.07	4.00	27.22	5.03	31.29	6.18	33.36	6.77	35.48	7.40	39.63	8.73	43.89	10.92
	30	23.07	4.82	27.22	6.05	31.29	7.40	33.36	8.13	35.48	8.87	39.63	10.44	43.89	12.10
	35	23.07	5.73	27.22	7.20	31.29	8.79	33.36	9.65	35.48	10.53	39.63	12.42	43.89	14.35
	41	23.07	6.76	27.22	8.29	31.29	10.15	33.36	11.18	35.48	12.32	39.63	14.46	41.92	15.64
	43	23.07	7.87	27.22	9.05	31.29	10.81	33.36	12.21	35.48	13.50	39.63	14.89	39.84	16.07
70%	-5	20.19	2.62	23.82	3.20	27.38	3.79	29.19	4.09	31.02	4.41	34.76	5.05	38.39	4.00
	0	20.19	2.66	23.82	3.23	27.38	3.83	29.19	4.13	31.02	4.47	34.76	5.11	38.39	4.07
	5	20.19	2.71	23.82	3.29	27.38	3.90	29.19	4.20	31.02	4.54	34.76	5.18	38.39	4.16
	10	20.19	2.84	23.82	3.45	27.38	4.10	29.19	4.42	31.02	4.77	34.76	5.44	38.39	6.14
	15	20.19	2.98	23.82	3.62	27.38	4.31	29.19	4.65	31.02	4.98	34.76	5.70	38.39	6.43
	20	20.19	3.13	23.82	3.81	27.38	4.53	29.19	4.88	31.02	5.26	34.76	6.01	38.39	6.84
	25	20.19	3.32	23.82	4.17	27.38	5.09	29.19	5.58	31.02	6.09	34.76	7.17	38.39	8.29
	30	20.19	4.02	23.82	5.02	27.38	6.13	29.19	6.70	31.02	7.29	34.76	8.58	38.39	9.92
	35	20.19	4.80	23.82	5.98	27.38	7.26	29.19	7.96	31.02	8.65	34.76	10.18	38.39	11.78
	41	20.19	5.47	23.82	6.77	27.38	8.39	29.19	9.03	31.02	10.03	34.76	11.78	38.39	13.71
	43	20.19	5.82	23.82	7.13	27.38	9.32	29.19	10.08	31.02	10.84	34.76	12.85	38.39	14.99
60%	-5	17.31	2.16	20.42	2.65	23.47	3.13	25.02	3.41	26.77	3.63	29.78	4.15	32.89	4.68
	0	17.31	2.19	20.42	2.69	23.47	3.17	25.02	3.46	26.77	3.68	29.78	4.21	32.89	4.74
	5	17.31	2.25	20.42	2.74	23.47	3.23	25.02	3.52	26.77	3.76	29.78	4.28	32.89	4.83
	10	17.31	2.37	20.42	2.87	23.47	3.41	25.02	3.67	26.77	3.95	29.78	4.51	32.89	5.09
	15	17.31	2.48	20.42	3.01	23.47	3.58	25.02	3.87	26.77	4.13	29.78	4.73	32.89	5.34
	20	17.31	2.60	20.42	3.16	23.47	3.74	25.02	4.05	26.77	4.36	29.78	4.98	32.89	5.61
	25	17.31	2.74	20.42	3.37	23.47	4.10	25.02	4.48	26.77	4.88	29.78	5.72	32.89	6.60
	30	17.31	3.27	20.42	4.08	23.47	4.95	25.02	5.40	26.77	5.87	29.78	6.85	32.89	7.92
	35	17.31	3.91	20.42	4.86	23.47	5.87	25.02	6.42	26.77	6.97	29.78	8.13	32.89	9.39
	41	17.31	4.46	20.42	5.53	23.47	6.74	25.02	7.37	26.77	8.03	29.78	9.40	32.89	10.89
	43	17.31	4.86	20.42	5.64	23.47	7.35	25.02	8.24	26.77	8.79	29.78	10.11	32.89	11.91
50%	-5	14.42	1.73	17.02	2.16	19.56	2.49	20.85	2.64	22.20	2.87	24.80	3.32	27.39	3.72
	0	14.42	1.77	17.02	2.19	19.56	2.54	20.85	2.69	22.20	2.92	24.80	3.37	27.39	3.79
	5	14.42	1.82	17.02	2.25	19.56	2.60	20.85	2.75	22.20	3.00	24.80	3.45	27.39	3.88
	10	14.42	1.91	17.02	2.31	19.56	2.74	20.85	2.95	22.20	3.16	24.80	3.62	27.39	4.08
	15	14.42	1.99	17.02	2.38	19.56	2.87	20.85	3.10	22.20	3.33	24.80	3.79	27.39	4.28
	20	14.42	2.09	17.02	2.55	19.56	3.01	20.85	3.25	22.20	3.49	24.80	4.00	27.39	4.51
	25	14.42	2.21	17.02	2.67	19.56	3.18	20.85	3.47	22.20	3.78	24.80	4.40	27.39	5.07
	30	14.42	2.58	17.02	3.20	19.56	3.85	20.85	4.20	22.20	4.56	24.80	5.32	27.39	6.09
	35	14.42	3.12	17.02	3.82	19.56	4.61	20.85	5.00	22.20	5.43	24.80	6.31	27.39	7.23
	41	14.42	3.53	17.02	4.07	19.56	5.26	20.85	5.73	22.20	6.22	24.80	7.25	27.39	8.33
	43	14.42	3.95	17.02	4.48	19.56	5.76	20.85	6.24	22.20	6.74	24.80	7.92	27.39	9.10

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Capacity table

Table 24. Cooling capacity YV2VYT045KAS-D-X

YV2VYT045KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	41.97	6.22	49.60	7.64	57.12	9.01	60.94	10.22	63.41	9.94	65.27	9.01	66.61	8.07
	0	41.97	6.26	49.60	7.67	57.12	9.06	60.94	10.26	63.41	9.99	65.27	9.07	66.61	8.13
	5	41.97	6.31	49.60	7.72	57.12	9.12	60.94	10.33	63.41	10.07	65.27	9.14	66.61	8.21
	10	41.97	6.65	49.60	8.10	57.12	9.58	60.94	10.32	61.56	10.12	63.00	9.65	64.75	9.18
	15	41.97	6.99	49.60	8.48	57.12	10.03	58.88	10.30	59.70	10.18	60.94	10.16	62.90	10.21
	20	41.97	7.37	49.60	9.46	56.50	11.53	57.12	11.60	57.74	11.65	59.08	11.76	60.84	11.88
	25	41.97	8.93	49.60	11.44	54.44	13.12	55.06	13.12	55.89	13.22	57.33	13.33	58.98	13.53
	30	41.97	10.60	49.60	13.71	52.59	14.78	53.21	14.78	54.03	14.78	55.27	14.89	57.12	15.41
	35	41.97	12.70	49.18	16.03	50.73	16.24	51.35	16.34	51.97	16.45	53.41	16.55	55.06	16.76
	41	41.97	14.37	47.53	17.18	48.87	17.39	49.49	17.49	50.32	17.59	51.56	17.91	53.41	18.11
	43	41.97	15.51	46.40	17.70	47.64	18.01	48.46	18.32	49.29	18.53	50.52	18.80	52.17	19.07
120%	-5	38.77	5.79	45.68	6.92	52.79	7.78	56.09	8.83	60.32	9.58	63.83	9.71	65.37	8.95
	0	38.77	5.82	45.68	6.95	52.79	7.82	56.09	8.87	60.32	9.63	63.83	9.76	65.37	9.01
	5	38.77	5.87	45.68	7.01	52.79	7.88	56.09	8.93	60.32	9.70	63.83	9.84	65.37	9.10
	10	38.77	6.03	45.68	7.37	52.79	8.70	56.09	9.39	59.50	10.07	61.97	9.99	63.52	9.56
	15	38.77	6.33	45.68	7.72	52.79	9.16	56.09	9.84	58.88	10.33	60.11	10.14	61.66	10.01
	20	38.77	6.65	45.68	8.37	52.79	10.41	56.09	11.48	56.92	11.58	58.05	11.67	59.60	11.78
	25	38.77	7.93	45.68	10.14	52.79	12.58	54.24	13.12	55.06	13.12	56.30	13.22	57.74	13.33
	30	38.77	9.31	45.68	12.13	51.56	14.57	52.38	14.68	53.21	14.68	54.24	14.89	55.68	14.99
	35	38.77	11.27	45.68	14.39	49.70	16.14	50.52	16.24	51.14	16.34	52.38	16.45	53.82	16.66
	41	38.77	12.91	45.68	16.76	47.84	17.18	48.46	17.18	49.29	17.18	50.52	17.91	51.97	17.91
	43	38.77	13.85	45.68	17.59	46.81	17.70	47.43	18.01	48.05	18.32	49.29	18.63	50.94	18.89
110%	-5	35.47	5.07	41.97	6.22	48.26	7.37	51.35	8.02	54.65	8.55	62.79	10.26	64.55	9.64
	0	35.47	5.10	41.97	6.26	48.26	7.41	51.35	8.06	54.65	8.60	62.79	10.32	64.55	9.70
	5	35.47	5.15	41.97	6.31	48.26	7.47	51.35	8.12	54.65	8.67	62.79	10.39	64.55	9.79
	10	35.47	5.42	41.97	6.63	48.26	7.86	51.35	8.48	54.65	9.10	60.94	10.33	62.49	9.95
	15	35.47	5.68	41.97	6.95	48.26	8.23	51.35	8.84	54.65	9.54	58.88	10.28	60.42	10.12
	20	35.47	5.99	41.97	7.33	48.26	9.10	51.35	10.03	54.65	11.01	57.12	11.60	58.57	11.69
	25	35.47	6.99	41.97	8.89	48.26	11.01	51.35	13.07	53.21	13.64	54.44	13.74	55.89	13.95
	30	35.47	8.39	41.97	10.65	48.26	13.22	51.35	14.47	51.76	14.57	53.21	14.78	54.65	14.89
	35	35.47	9.93	41.97	12.64	48.26	15.62	49.49	16.14	50.11	16.14	51.35	16.34	52.79	16.45
	41	35.47	11.52	41.97	14.71	46.81	17.39	47.64	17.49	48.26	17.39	49.29	17.80	50.94	18.11
	43	35.47	12.49	41.97	15.72	45.58	17.28	46.61	17.70	47.22	18.22	48.26	18.43	49.70	18.84
100%	-5	32.27	4.72	38.05	5.55	43.72	6.65	45.00	7.11	49.70	7.60	55.47	8.67	63.31	10.24
	0	32.27	4.75	38.05	5.58	43.72	6.69	45.00	7.15	49.70	7.65	55.47	8.72	63.31	10.31
	5	32.27	4.80	38.05	5.63	43.72	6.76	45.00	7.21	49.70	7.72	55.47	8.80	63.31	10.39
	10	32.27	4.83	38.05	5.91	43.72	7.01	45.00	7.57	49.70	8.12	55.47	9.25	61.25	10.33
	15	32.27	5.06	38.05	6.19	43.72	7.35	45.00	7.93	49.70	8.52	55.47	9.70	59.19	10.28
	20	32.27	5.33	38.05	6.52	43.72	7.86	45.00	8.67	49.70	9.50	55.47	11.27	57.33	11.60
	25	32.27	6.08	38.05	7.72	43.72	9.54	45.00	10.50	49.70	11.50	54.24	13.01	55.47	13.12
	30	32.27	7.27	38.05	9.25	43.72	11.41	45.00	12.56	49.70	13.64	52.17	14.57	53.41	14.78
	35	32.27	8.67	38.05	10.99	43.72	13.54	45.00	13.95	49.29	16.03	50.32	16.24	51.56	16.34
	41	32.27	10.03	38.05	12.66	43.72	15.73	44.80	16.66	47.43	17.49	48.46	17.59	49.70	17.80
	43	32.27	10.99	38.05	13.62	43.72	16.70	44.50	17.28	46.19	17.70	47.43	18.11	48.67	18.43

To be continued

Continued

YV2VYT045KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	29.05	3.93	34.24	4.86	39.35	5.79	40.50	6.25	44.75	6.67	49.91	7.67	55.27	8.62
	0	29.05	3.97	34.24	4.89	39.35	5.83	40.50	6.29	44.75	6.72	49.91	7.72	55.27	8.68
	5	29.05	4.02	34.24	4.94	39.35	5.89	40.50	6.35	44.75	6.80	49.91	7.80	55.27	8.77
	10	29.05	4.25	34.24	5.19	39.35	6.17	40.50	6.66	44.75	7.16	49.91	8.18	55.27	9.20
	15	29.05	4.48	34.24	5.43	39.35	6.45	40.50	6.99	44.75	7.52	49.91	8.56	55.27	9.63
	20	29.05	4.71	34.24	5.73	39.35	6.80	40.50	7.38	44.75	8.08	49.91	9.58	55.27	11.16
	25	29.05	5.24	34.24	6.63	39.35	8.14	40.50	8.95	44.75	9.81	49.91	11.60	54.24	13.01
	30	29.05	6.29	34.24	7.95	39.35	9.77	40.50	10.72	44.75	11.73	49.91	13.95	52.38	14.57
	35	29.05	7.47	34.24	9.42	39.35	11.58	40.50	12.70	44.75	13.95	49.29	16.03	50.52	16.14
	41	29.05	8.61	34.24	10.92	39.35	13.43	40.50	13.85	44.75	16.14	47.43	17.39	48.26	17.59
	43	29.05	9.60	34.24	11.60	39.35	14.37	40.50	15.51	44.75	16.45	46.19	16.97	47.22	18.11
80%	-5	25.82	3.45	30.44	4.23	34.98	4.98	36.00	5.39	39.59	5.79	44.34	6.63	49.29	7.44
	0	25.82	3.48	30.44	4.26	34.98	5.02	36.00	5.43	39.59	5.84	44.34	6.68	49.29	7.51
	5	25.82	3.53	30.44	4.31	34.98	5.08	36.00	5.50	39.59	5.91	44.34	6.76	49.29	7.59
	10	25.82	3.71	30.44	4.52	34.98	5.34	36.00	5.78	39.59	6.22	44.34	7.10	49.29	7.98
	15	25.82	3.87	30.44	4.73	34.98	5.61	36.00	6.06	39.59	6.52	44.34	7.44	49.29	8.39
	20	25.82	4.08	30.44	4.97	34.98	5.89	36.00	6.36	39.59	6.86	44.34	7.98	49.29	9.69
	25	25.82	4.43	30.44	5.59	34.98	6.86	36.00	7.52	39.59	8.21	44.34	9.69	49.29	12.13
	30	25.82	5.34	30.44	6.73	34.98	8.21	36.00	9.03	39.59	9.84	44.34	11.60	49.29	13.53
	35	25.82	6.36	30.44	7.98	34.98	9.77	36.00	10.71	39.59	11.69	44.34	13.74	49.29	15.93
	41	25.82	7.50	30.44	9.20	34.98	11.27	36.00	12.41	39.59	13.64	44.34	16.03	47.02	17.39
	43	25.82	8.74	30.44	10.05	34.98	11.99	36.00	13.53	39.59	14.99	44.34	16.55	44.75	17.80
70%	-5	22.59	2.91	26.63	3.56	30.60	4.22	31.50	4.56	34.75	4.91	38.77	5.63	43.10	4.46
	0	22.59	2.95	26.63	3.59	30.60	4.26	31.50	4.60	34.75	4.97	38.77	5.68	43.10	4.53
	5	22.59	3.00	26.63	3.64	30.60	4.32	31.50	4.66	34.75	5.04	38.77	5.76	43.10	4.61
	10	22.59	3.15	26.63	3.83	30.60	4.55	31.50	4.91	34.75	5.29	38.77	6.05	43.10	6.82
	15	22.59	3.30	26.63	4.02	30.60	4.78	31.50	5.15	34.75	5.54	38.77	6.33	43.10	7.14
	20	22.59	3.48	26.63	4.23	30.60	5.03	31.50	5.42	34.75	5.84	38.77	6.66	43.10	7.59
	25	22.59	3.69	26.63	4.62	30.60	5.64	31.50	6.19	34.75	6.76	38.77	7.95	43.10	9.20
	30	22.59	4.46	26.63	5.57	30.60	6.80	31.50	7.44	34.75	8.10	38.77	9.52	43.10	11.01
	35	22.59	5.33	26.63	6.63	30.60	8.07	31.50	8.84	34.75	9.61	38.77	11.30	43.10	13.12
	41	22.59	6.08	26.63	7.52	30.60	9.31	31.50	10.03	34.75	11.13	38.77	13.12	43.10	15.20
	43	22.59	6.45	26.63	7.91	30.60	10.35	31.50	11.19	34.75	12.03	38.77	14.26	43.10	16.66
60%	-5	19.36	2.40	22.83	2.96	26.23	3.49	27.00	3.81	30.01	4.05	33.30	4.63	36.91	5.21
	0	19.36	2.44	22.83	2.99	26.23	3.53	27.00	3.85	30.01	4.10	33.30	4.68	36.91	5.28
	5	19.36	2.49	22.83	3.04	26.23	3.59	27.00	3.91	30.01	4.17	33.30	4.76	36.91	5.36
	10	19.36	2.62	22.83	3.20	26.23	3.78	27.00	4.08	30.01	4.38	33.30	5.01	36.91	5.64
	15	19.36	2.76	22.83	3.34	26.23	3.97	27.00	4.29	30.01	4.59	33.30	5.25	36.91	5.93
	20	19.36	2.89	22.83	3.51	26.23	4.15	27.00	4.50	30.01	4.83	33.30	5.54	36.91	6.24
	25	19.36	3.04	22.83	3.74	26.23	4.55	27.00	4.97	30.01	5.42	33.30	6.35	36.91	7.33
	30	19.36	3.62	22.83	4.53	26.23	5.50	27.00	5.99	30.01	6.52	33.30	7.61	36.91	8.79
	35	19.36	4.34	22.83	5.40	26.23	6.52	27.00	7.12	30.01	7.75	33.30	9.03	36.91	10.42
	41	19.36	4.94	22.83	6.14	26.23	7.47	27.00	8.18	30.01	8.91	33.30	10.44	36.91	12.09
	43	19.36	5.40	22.83	6.27	26.23	8.16	27.00	9.14	30.01	9.77	33.30	11.22	36.91	13.22
50%	-5	16.14	1.94	19.02	2.40	21.86	2.79	22.50	2.96	24.85	3.20	27.74	3.71	30.73	4.16
	0	16.14	1.97	19.02	2.44	21.86	2.83	22.50	3.00	24.85	3.25	27.74	3.76	30.73	4.23
	5	16.14	2.02	19.02	2.49	21.86	2.89	22.50	3.06	24.85	3.32	27.74	3.83	30.73	4.31
	10	16.14	2.11	19.02	2.57	21.86	3.04	22.50	3.27	24.85	3.51	27.74	4.02	30.73	4.53
	15	16.14	2.21	19.02	2.64	21.86	3.20	22.50	3.44	24.85	3.71	27.74	4.22	30.73	4.76
	20	16.14	2.32	19.02	2.83	21.86	3.34	22.50	3.61	24.85	3.87	27.74	4.43	30.73	5.01
	25	16.14	2.46	19.02	2.97	21.86	3.53	22.50	3.85	24.85	4.20	27.74	4.89	30.73	5.63
	30	16.14	2.87	19.02	3.55	21.86	4.27	22.50	4.66	24.85	5.06	27.74	5.91	30.73	6.76
	35	16.14	3.46	19.02	4.25	21.86	5.12	22.50	5.55	24.85	6.03	27.74	7.01	30.73	8.03
	41	16.14	3.92	19.02	4.52	21.86	5.84	22.50	6.36	24.85	6.91	27.74	8.05	30.73	9.25
	43	16.14	4.38	19.02	4.97	21.86	6.40	22.50	6.93	24.85	7.47	27.74	8.79	30.73	10.11

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 25. Cooling capacity YV2VYT053KAS-D-X

YV2VYT053KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	46.59	6.56	54.97	7.91	63.34	9.15	66.97	10.25	69.77	10.04	71.40	9.11	72.94	8.59
	0	46.59	6.62	54.97	7.97	63.34	9.23	66.97	10.34	69.77	10.14	71.40	9.21	72.94	8.72
	5	46.59	6.73	54.97	8.08	63.34	9.36	66.97	10.47	69.77	10.29	71.40	9.36	72.94	8.89
	10	46.59	6.93	54.97	8.32	63.34	9.73	66.93	10.43	68.35	10.25	69.99	9.80	71.52	9.34
	15	46.59	7.24	54.97	8.69	63.34	10.16	65.75	10.41	66.72	10.31	67.74	10.35	69.47	10.38
	20	46.59	7.61	54.97	9.62	62.63	11.61	63.96	11.66	64.06	11.72	65.69	11.83	67.23	11.94
	25	46.59	9.12	54.97	11.52	60.59	13.13	61.77	13.16	62.02	13.22	63.65	13.33	65.08	13.49
	30	46.59	10.77	54.97	13.17	58.34	14.60	59.00	14.67	59.87	14.71	60.37	14.86	62.93	15.18
	35	46.59	12.65	54.56	15.96	56.71	16.13	56.91	16.24	57.73	16.27	59.36	16.47	60.79	16.54
	41	46.59	14.61	53.44	17.30	54.15	17.47	55.02	17.51	55.68	17.55	57.32	17.71	58.54	17.89
	43	46.59	15.84	52.42	17.78	52.92	18.45	53.84	18.69	54.45	18.77	56.19	18.95	57.00	19.08
120%	-5	43.22	6.04	50.68	7.13	58.54	8.18	62.58	9.02	66.51	9.68	70.18	9.85	71.61	9.27
	0	43.22	6.10	50.68	7.19	58.54	8.27	62.58	9.10	66.51	9.79	70.18	9.96	71.61	9.40
	5	43.22	6.21	50.68	7.30	58.54	8.40	62.58	9.23	66.51	9.94	70.18	10.11	71.61	9.57
	10	43.22	6.33	50.68	7.61	58.54	8.91	62.37	9.56	66.10	10.20	68.86	10.13	70.19	9.72
	15	43.22	6.63	50.68	7.96	58.54	9.32	62.22	9.97	65.28	10.46	66.61	10.27	68.04	10.25
	20	43.22	6.93	50.68	8.57	58.54	10.52	61.72	11.57	63.14	11.65	64.47	11.73	65.90	11.84
	25	43.22	8.16	50.68	10.27	58.54	12.61	60.13	13.07	61.10	13.14	62.53	13.30	63.75	13.34
	30	43.22	9.59	50.68	12.18	57.11	14.53	58.03	14.61	58.85	14.67	60.07	14.75	61.61	14.92
	35	43.22	11.36	50.68	14.36	55.58	15.98	55.94	16.09	56.70	16.12	58.13	16.31	59.46	16.48
	41	43.22	13.12	50.68	16.62	53.02	17.40	54.00	17.41	54.76	17.41	55.68	17.71	57.11	17.71
	43	43.22	14.33	50.68	18.22	51.90	18.37	52.82	18.54	53.43	18.59	54.35	18.86	56.09	19.03
110%	-5	39.64	5.41	46.49	6.47	53.64	7.55	57.16	8.19	60.59	8.76	69.06	10.27	70.49	9.76
	0	39.64	5.48	46.49	6.53	53.64	7.63	57.16	8.28	60.59	8.86	69.06	10.37	70.49	9.88
	5	39.64	5.58	46.49	6.64	53.64	7.76	57.16	8.40	60.59	9.01	69.06	10.52	70.49	10.05
	10	39.64	5.75	46.49	6.91	53.64	8.09	57.16	8.69	60.59	9.29	67.63	10.47	68.96	10.09
	15	39.64	6.01	46.49	7.22	53.64	8.45	57.16	9.05	60.59	9.69	65.39	10.41	66.82	10.25
	20	39.64	6.29	46.49	7.59	53.64	9.28	57.16	10.17	60.59	11.10	63.34	11.67	64.67	11.75
	25	39.64	7.25	46.49	9.08	53.64	11.10	56.81	12.56	59.47	13.30	60.79	13.40	62.12	13.55
	30	39.64	8.58	46.49	10.77	53.64	13.26	56.46	14.39	57.31	14.54	59.05	14.70	60.38	14.76
	35	39.64	10.08	46.49	12.67	53.64	14.96	54.82	15.95	55.68	16.08	56.91	16.27	58.23	16.43
	41	39.64	11.79	46.49	14.87	52.21	16.47	52.98	17.34	53.64	17.30	54.45	17.53	56.09	17.68
	43	39.64	12.75	46.49	15.98	50.88	17.51	51.80	18.06	52.41	17.76	53.23	18.01	54.76	18.16
100%	-5	35.86	4.94	42.20	5.81	48.63	6.84	53.20	7.57	55.07	7.79	61.50	8.90	70.50	10.21
	0	35.86	5.01	42.20	5.88	48.63	6.93	53.20	7.66	55.07	7.90	61.50	9.00	70.50	10.34
	5	35.86	5.11	42.20	5.98	48.63	7.05	53.20	7.79	55.07	8.05	61.50	9.15	70.50	10.51
	10	35.86	5.18	42.20	6.22	48.63	7.26	53.20	7.80	55.07	8.34	61.50	9.43	68.87	10.46
	15	35.86	5.40	42.20	6.49	48.63	7.59	53.20	8.17	55.07	8.72	61.50	9.86	67.14	10.40
	20	35.86	5.67	42.20	6.80	48.63	8.09	53.20	8.86	55.07	9.66	61.50	11.37	65.61	11.67
	25	35.86	6.38	42.20	7.96	48.63	9.69	53.20	10.62	55.07	11.57	60.07	13.12	63.36	13.16
	30	35.86	7.55	42.20	9.37	48.63	11.49	53.20	12.49	55.07	13.70	57.83	14.55	60.70	14.71
	35	35.86	8.86	42.20	11.08	48.63	13.54	53.20	13.58	54.66	15.94	55.78	16.12	58.15	16.27
	41	35.86	10.36	42.20	12.92	48.63	15.79	52.20	16.52	52.62	17.23	53.74	17.45	54.86	17.33
	43	35.86	11.44	42.20	13.93	48.63	16.93	51.00	17.56	51.29	17.85	52.72	17.93	53.64	17.91

To be continued

Continued

YV2VYT053KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	32.28	4.32	37.98	5.21	43.77	6.07	47.88	6.49	49.76	6.99	55.37	7.84	61.10	8.75
	0	32.28	4.38	37.98	5.27	43.77	6.15	47.88	6.57	49.76	7.09	55.37	7.95	61.10	8.88
	5	32.28	4.49	37.98	5.38	43.77	6.28	47.88	6.70	49.76	7.24	55.37	8.09	61.10	9.05
	10	32.28	4.63	37.98	5.53	43.77	6.45	47.88	6.94	49.76	7.42	55.37	8.39	61.10	9.36
	15	32.28	4.84	37.98	5.78	43.77	6.74	47.88	7.24	49.76	7.76	55.37	8.75	61.10	9.78
	20	32.28	5.06	37.98	6.05	43.77	7.07	47.88	7.64	49.76	8.31	55.37	9.73	61.10	11.26
	25	32.28	5.56	37.98	6.91	43.77	8.36	47.88	9.14	49.76	9.94	55.37	11.66	59.97	13.12
	30	32.28	6.58	37.98	8.17	43.77	9.92	47.88	10.83	49.76	11.80	55.37	13.88	57.93	14.55
	35	32.28	7.72	37.98	9.59	43.77	11.65	47.88	12.75	49.76	13.90	54.66	15.96	55.78	16.11
	41	32.28	8.93	37.98	11.20	43.77	13.56	47.88	14.55	49.76	16.06	52.41	17.40	53.54	17.45
	43	32.28	9.51	37.98	12.03	43.77	14.54	47.88	15.59	49.76	16.88	50.57	17.78	52.41	17.93
80%	-5	28.69	3.83	33.76	4.58	38.91	5.31	42.56	5.75	44.03	6.03	49.25	6.86	54.35	7.50
	0	28.69	3.89	33.76	4.64	38.91	5.39	42.56	5.84	44.03	6.13	49.25	6.97	54.35	7.63
	5	28.69	4.00	33.76	4.75	38.91	5.52	42.56	5.97	44.03	6.28	49.25	7.12	54.35	7.80
	10	28.69	4.11	33.76	4.88	38.91	5.67	42.56	6.15	44.03	6.51	49.25	7.37	54.35	8.21
	15	28.69	4.27	33.76	5.09	38.91	5.94	42.56	6.36	44.03	6.80	49.25	7.70	54.35	8.59
	20	28.69	4.46	33.76	5.31	38.91	6.20	42.56	6.66	44.03	7.12	49.25	8.21	54.35	9.63
	25	28.69	4.80	33.76	5.91	38.91	7.12	42.56	7.76	44.03	8.43	49.25	9.84	54.35	11.69
	30	28.69	5.67	33.76	6.99	38.91	8.43	42.56	9.20	44.03	9.98	49.25	11.67	54.35	13.49
	35	28.69	6.65	33.76	8.20	38.91	9.92	42.56	10.82	44.03	11.75	49.25	13.71	54.35	15.93
	41	28.69	7.70	33.76	9.68	38.91	11.54	42.56	12.60	44.03	13.71	48.73	15.90	52.00	17.19
	43	28.69	8.48	33.76	10.01	38.91	12.37	42.56	13.51	44.03	14.65	47.49	16.53	50.27	17.83
70%	-5	25.10	3.30	29.54	3.94	34.04	4.48	37.24	4.94	38.52	5.18	43.01	5.89	47.61	5.69
	0	25.10	3.36	29.54	4.01	34.04	4.57	37.24	5.03	38.52	5.29	43.01	5.99	47.61	5.82
	5	25.10	3.47	29.54	4.11	34.04	4.70	37.24	5.15	38.52	5.43	43.01	6.14	47.61	5.99
	10	25.10	3.57	29.54	4.22	34.04	4.91	37.24	5.26	38.52	5.62	43.01	6.35	47.61	7.09
	15	25.10	3.72	29.54	4.41	34.04	5.12	37.24	5.49	38.52	5.86	43.01	6.63	47.61	7.41
	20	25.10	3.88	29.54	4.60	34.04	5.36	37.24	5.75	38.52	6.13	43.01	6.94	47.61	7.83
	25	25.10	4.08	29.54	4.98	34.04	5.97	37.24	6.49	38.52	7.03	43.01	8.17	47.61	9.37
	30	25.10	4.82	29.54	5.88	34.04	7.07	37.24	7.69	38.52	8.33	43.01	9.68	47.61	11.11
	35	25.10	5.66	29.54	6.91	34.04	8.29	37.24	9.02	38.52	9.77	43.01	11.38	47.61	13.12
	41	25.10	6.50	29.54	8.00	34.04	9.68	37.24	10.46	38.52	11.40	43.01	13.19	47.61	15.27
	43	25.10	6.93	29.54	8.56	34.04	10.57	37.24	11.14	38.52	12.33	41.77	14.08	46.99	16.25
60%	-5	21.52	2.82	25.32	3.35	29.18	3.84	31.92	4.16	33.10	4.35	36.88	4.83	40.76	5.34
	0	21.52	2.88	25.32	3.42	29.18	3.92	31.92	4.24	33.10	4.46	36.88	4.93	40.76	5.47
	5	21.52	2.99	25.32	3.52	29.18	4.05	31.92	4.37	33.10	4.61	36.88	5.08	40.76	5.64
	10	21.52	3.06	25.32	3.61	29.18	4.17	31.92	4.55	33.10	4.76	36.88	5.35	40.76	5.97
	15	21.52	3.19	25.32	3.75	29.18	4.34	31.92	4.65	33.10	4.96	36.88	5.59	40.76	6.24
	20	21.52	3.32	25.32	3.92	29.18	4.53	31.92	4.87	33.10	5.18	36.88	5.85	40.76	6.52
	25	21.52	3.47	25.32	4.14	29.18	4.91	31.92	5.32	33.10	5.75	36.88	6.64	40.76	7.58
	30	21.52	4.03	25.32	4.90	29.18	6.77	31.92	6.29	33.10	6.78	36.88	7.84	40.76	8.96
	35	21.52	4.71	25.32	5.71	29.18	6.81	31.92	7.38	33.10	7.98	36.88	9.21	40.76	10.54
	41	21.52	5.48	25.32	5.67	29.18	7.86	31.92	8.29	33.10	9.28	36.88	10.75	40.76	12.32
	43	21.52	5.95	25.32	6.00	29.18	8.33	31.92	9.14	33.10	10.08	36.88	11.62	40.76	12.92
50%	-5	17.93	2.36	21.10	2.80	24.32	3.16	26.60	3.37	27.48	3.55	30.75	3.98	33.92	4.43
	0	17.93	2.42	21.10	2.86	24.32	3.25	26.60	3.46	27.48	3.65	30.75	4.08	33.92	4.56
	5	17.93	2.53	21.10	2.97	24.32	3.37	26.60	3.59	27.48	3.80	30.75	4.23	33.92	4.73
	10	17.93	2.58	21.10	3.01	24.32	3.47	26.60	3.70	27.48	3.92	30.75	4.41	33.92	4.90
	15	17.93	2.68	21.10	3.12	24.32	3.60	26.60	3.85	27.48	4.09	30.75	4.59	33.92	5.10
	20	17.93	2.79	21.10	3.27	24.32	3.75	26.60	4.02	27.48	4.28	30.75	4.80	33.92	5.34
	25	17.93	2.90	21.10	3.40	24.32	3.94	26.60	4.24	27.48	4.57	30.75	5.24	33.92	5.94
	30	17.93	3.31	21.10	3.96	24.32	4.65	26.60	5.03	27.48	5.40	30.75	6.20	33.92	7.03
	35	17.93	3.86	21.10	4.63	24.32	5.46	26.60	5.88	27.48	6.33	30.75	7.26	33.92	8.25
	41	17.93	4.50	21.10	5.25	24.32	6.32	26.60	6.82	27.48	7.37	30.75	8.59	33.92	9.68
	43	17.93	4.96	21.10	5.72	24.32	6.84	26.60	7.61	27.48	7.94	30.75	9.17	33.92	10.66

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 26. Cooling capacity YV2VYT059KAS-D-X

YV2VYT059KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	52.02	7.94	61.31	9.54	70.60	10.95	74.73	12.19	77.20	12.02	78.65	10.88	80.71	10.61
	0	52.02	8.00	61.31	9.60	70.60	11.03	74.73	12.27	77.20	12.13	78.65	10.99	80.71	10.74
	5	52.02	8.11	61.31	9.70	70.60	11.15	74.73	12.40	77.20	12.27	78.65	11.13	80.71	10.91
	10	52.02	8.23	61.31	9.87	70.60	11.53	75.55	12.36	76.17	12.15	78.03	11.61	79.68	11.07
	15	52.02	8.58	61.31	10.30	70.60	12.03	74.11	12.34	74.73	12.21	75.55	12.30	77.41	12.32
	20	52.02	9.04	61.31	11.40	69.77	13.75	71.84	13.79	71.42	13.87	73.28	14.00	74.93	14.12
	25	52.02	10.80	61.31	13.64	67.71	15.55	69.36	15.57	69.15	15.63	71.01	15.76	72.46	15.96
	30	52.02	12.79	61.31	15.14	65.03	17.21	65.64	17.35	66.68	17.42	66.47	17.62	69.98	17.83
	35	52.02	14.93	60.69	18.87	63.58	19.08	63.37	19.22	64.41	19.22	66.26	19.49	67.71	19.49
	41	52.02	17.42	60.28	20.53	60.28	20.73	61.31	20.73	61.93	20.73	63.99	20.73	64.82	20.94
	43	52.02	18.87	59.25	20.73	59.04	20.73	60.07	20.92	60.48	20.92	62.75	20.98	62.96	21.02
120%	-5	48.30	7.23	56.56	8.54	65.23	9.99	69.57	10.82	73.70	11.59	77.62	11.84	79.27	11.28
	0	48.30	7.30	56.56	8.60	65.23	10.08	69.57	10.90	73.70	11.69	77.62	11.94	79.27	11.40
	5	48.30	7.40	56.56	8.71	65.23	10.20	69.57	11.03	73.70	11.84	77.62	12.09	79.27	11.57
	10	48.30	7.53	56.56	9.04	65.23	10.57	69.57	11.32	73.70	12.09	76.79	12.00	78.24	11.53
	15	48.30	7.88	56.56	9.45	65.23	11.03	69.57	11.82	72.66	12.38	74.11	12.17	75.76	12.23
	20	48.30	8.23	56.56	10.16	65.23	12.46	69.57	13.70	70.39	13.79	71.84	13.89	73.49	14.02
	25	48.30	9.68	56.56	12.17	65.23	14.93	67.30	15.47	68.12	15.55	69.77	15.76	71.01	15.76
	30	48.30	11.47	56.56	14.43	63.58	17.21	64.61	17.29	65.44	17.35	66.88	17.42	68.74	17.62
	35	48.30	13.44	56.56	17.00	62.34	18.87	62.34	19.01	63.17	19.01	64.82	19.28	66.26	19.49
	41	48.30	15.55	56.56	19.49	59.04	20.73	60.28	20.73	61.10	20.73	61.72	20.73	63.37	20.73
	43	48.30	17.21	56.56	20.73	57.80	20.94	59.04	20.92	59.66	20.92	60.28	20.94	62.34	20.98
110%	-5	44.38	6.55	51.81	7.75	59.86	9.04	63.79	9.83	67.50	10.57	76.38	12.21	77.82	11.73
	0	44.38	6.61	51.81	7.82	59.86	9.12	63.79	9.91	67.50	10.68	76.38	12.31	77.82	11.86
	5	44.38	6.72	51.81	7.92	59.86	9.25	63.79	10.04	67.50	10.82	76.38	12.46	77.82	12.03
	10	44.38	6.84	51.81	8.21	59.86	9.60	63.79	10.30	67.50	11.01	75.35	12.40	76.79	11.96
	15	44.38	7.17	51.81	8.58	59.86	10.04	63.79	10.76	67.50	11.49	72.87	12.34	74.52	12.15
	20	44.38	7.48	51.81	9.02	59.86	10.99	63.79	12.05	67.50	13.15	70.60	13.81	72.04	13.91
	25	44.38	8.60	51.81	10.78	59.86	13.15	63.79	14.43	66.68	15.45	68.12	15.55	69.57	15.76
	30	44.38	10.16	51.81	12.75	59.86	15.76	63.79	17.02	63.79	17.19	65.85	17.42	67.30	17.42
	35	44.38	11.94	51.81	14.99	59.86	17.21	61.31	18.83	62.14	19.01	63.37	19.28	64.82	19.49
	41	44.38	13.95	51.81	17.62	58.42	18.66	59.25	20.36	59.86	20.36	60.48	20.53	62.34	20.53
	43	44.38	15.14	51.81	19.08	56.97	20.11	58.01	20.55	58.42	20.55	59.04	20.73	60.90	20.73
100%	-5	40.05	5.91	47.07	6.99	54.29	8.19	58.60	9.29	61.31	9.39	68.53	10.74	79.06	12.15
	0	40.05	5.97	47.07	7.05	54.29	8.27	58.60	9.37	61.31	9.49	68.53	10.84	79.06	12.27
	5	40.05	6.07	47.07	7.15	54.29	8.40	58.60	9.50	61.31	9.64	68.53	10.99	79.06	12.44
	10	40.05	6.18	47.07	7.40	54.29	8.63	58.60	9.25	61.31	9.91	68.53	11.18	77.82	12.38
	15	40.05	6.45	47.07	7.71	54.29	9.02	58.60	9.70	61.31	10.35	68.53	11.67	76.38	12.32
	20	40.05	6.76	47.07	8.09	54.29	9.60	58.60	10.51	61.31	11.47	68.53	13.46	75.14	13.81
	25	40.05	7.59	47.07	9.45	54.29	11.49	58.60	12.59	61.31	13.70	66.88	15.55	72.46	15.55
	30	40.05	8.98	47.07	11.07	54.29	13.60	58.60	14.70	61.31	16.26	64.41	17.21	69.15	17.42
	35	40.05	10.51	47.07	13.10	54.29	16.01	58.60	15.26	60.90	18.83	62.14	19.08	65.85	19.28
	41	40.05	12.27	47.07	15.34	54.29	18.64	58.20	19.41	58.63	20.17	59.86	20.53	61.10	20.11
	43	40.05	13.68	47.07	16.59	54.29	20.15	57.00	20.15	57.18	20.73	58.83	20.73	59.66	20.53

To be continued

Continued

YV2VYT059KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	36.04	5.26	42.36	6.32	48.86	7.34	52.74	7.81	55.53	8.50	61.72	9.41	68.12	10.51
	0	36.04	5.33	42.36	6.38	48.86	7.42	52.74	7.90	55.53	8.60	61.72	9.52	68.12	10.63
	5	36.04	5.43	42.36	6.49	48.86	7.55	52.74	8.02	55.53	8.75	61.72	9.66	68.12	10.80
	10	36.04	5.54	42.36	6.59	48.86	7.67	52.74	8.25	55.53	8.81	61.72	9.95	68.12	11.09
	15	36.04	5.76	42.36	6.88	48.86	8.02	52.74	8.58	55.53	9.23	61.72	10.39	68.12	11.59
	20	36.04	6.03	42.36	7.22	48.86	8.40	52.74	9.06	55.53	9.87	61.72	11.53	68.12	13.33
	25	36.04	6.63	42.36	8.21	48.86	9.93	52.74	10.84	55.53	11.78	61.72	13.79	66.88	15.55
	30	36.04	7.84	42.36	9.70	48.86	11.76	52.74	12.83	55.53	13.97	61.72	16.38	64.61	17.21
	35	36.04	9.16	42.36	11.36	48.86	13.79	52.74	15.09	55.53	16.44	60.90	18.87	62.14	19.08
	41	36.04	10.55	42.36	13.25	48.86	15.96	52.74	17.62	55.53	18.83	58.21	20.53	59.86	20.53
	43	36.04	10.93	42.36	14.39	48.86	17.21	52.74	18.45	55.53	19.41	55.74	20.73	58.63	20.73
80%	-5	32.04	4.66	37.65	5.55	43.43	6.45	46.88	7.01	49.13	7.27	54.91	8.27	60.48	8.93
	0	32.04	4.73	37.65	5.62	43.43	6.53	46.88	7.09	49.13	7.38	54.91	8.37	60.48	9.06
	5	32.04	4.83	37.65	5.72	43.43	6.66	46.88	7.22	49.13	7.53	54.91	8.52	60.48	9.23
	10	32.04	4.91	37.65	5.83	43.43	6.76	46.88	7.38	49.13	7.73	54.91	8.75	60.48	9.74
	15	32.04	5.10	37.65	6.07	43.43	7.07	46.88	7.57	49.13	8.09	54.91	9.14	60.48	10.18
	20	32.04	5.33	37.65	6.32	43.43	7.38	46.88	7.92	49.13	8.46	54.91	9.74	60.48	11.24
	25	32.04	5.72	37.65	7.03	43.43	8.46	46.88	9.23	49.13	9.99	54.91	11.67	60.48	13.44
	30	32.04	6.76	37.65	8.31	43.43	9.99	46.88	10.91	49.13	11.84	54.91	13.81	60.48	15.96
	35	32.04	7.90	37.65	9.72	43.43	11.76	46.88	12.81	49.13	13.91	54.91	16.17	60.48	18.87
	41	32.04	8.96	37.65	11.57	43.43	13.66	46.88	14.89	49.13	16.15	53.88	18.66	58.01	20.11
	43	32.04	9.54	37.65	11.57	43.43	14.76	46.88	15.82	49.13	16.92	51.40	19.49	56.77	20.53
70%	-5	28.03	4.04	32.95	4.81	38.00	5.39	41.02	6.03	42.94	6.26	47.89	7.11	53.05	7.67
	0	28.03	4.10	32.95	4.87	38.00	5.47	41.02	6.12	42.94	6.36	47.89	7.21	53.05	7.79
	5	28.03	4.21	32.95	4.98	38.00	5.60	41.02	6.24	42.94	6.51	47.89	7.36	53.05	7.96
	10	28.03	4.27	32.95	5.06	38.00	5.85	41.02	6.28	42.94	6.70	47.89	7.55	53.05	8.42
	15	28.03	4.46	32.95	5.27	38.00	6.12	41.02	6.53	42.94	6.99	47.89	7.88	53.05	8.81
	20	28.03	4.64	32.95	5.49	38.00	6.39	41.02	6.84	42.94	7.30	47.89	8.25	53.05	9.29
	25	28.03	4.89	32.95	5.95	38.00	7.11	41.02	7.71	42.94	8.36	47.89	9.70	53.05	11.11
	30	28.03	5.76	32.95	6.99	38.00	8.40	41.02	9.12	42.94	9.89	47.89	11.49	53.05	13.17
	35	28.03	6.74	32.95	8.21	38.00	9.85	41.02	10.70	42.94	11.59	47.89	13.48	53.05	15.55
	41	28.03	7.67	32.95	9.54	38.00	11.51	41.02	12.48	42.94	13.50	47.89	15.55	53.05	18.04
	43	28.03	8.23	32.95	10.35	38.00	12.44	41.02	13.62	42.94	14.64	45.41	16.38	51.81	18.87
60%	-5	24.03	3.46	28.24	4.10	32.57	4.68	35.16	5.08	36.74	5.31	41.08	5.78	45.41	6.38
	0	24.03	3.52	28.24	4.17	32.57	4.77	35.16	5.16	36.74	5.41	41.08	5.89	45.41	6.51
	5	24.03	3.63	28.24	4.27	32.57	4.89	35.16	5.29	36.74	5.56	41.08	6.03	45.41	6.68
	10	24.03	3.69	28.24	4.33	32.57	4.98	35.16	5.52	36.74	5.68	41.08	6.39	45.41	7.11
	15	24.03	3.84	28.24	4.50	32.57	5.18	35.16	5.56	36.74	5.93	41.08	6.66	45.41	7.42
	20	24.03	4.00	28.24	4.71	32.57	5.41	35.16	5.81	36.74	6.18	41.08	6.97	45.41	7.75
	25	24.03	4.17	28.24	4.96	32.57	5.85	35.16	6.34	36.74	6.84	41.08	7.90	45.41	9.00
	30	24.03	4.83	28.24	5.85	32.57	8.81	35.16	7.48	36.74	8.04	41.08	9.31	45.41	10.64
	35	24.03	5.62	28.24	6.80	32.57	8.11	35.16	8.77	36.74	9.48	41.08	10.93	45.41	12.48
	41	24.03	6.53	28.24	5.97	32.57	9.31	35.16	9.60	36.74	10.99	41.08	12.73	45.41	14.58
	43	24.03	7.11	28.24	6.53	32.57	9.70	35.16	10.53	36.74	11.94	41.08	13.87	45.41	14.89
50%	-5	20.02	2.92	23.53	3.42	27.15	3.90	29.30	4.19	30.55	4.35	34.27	4.83	37.78	5.39
	0	20.02	2.98	23.53	3.48	27.15	3.98	29.30	4.27	30.55	4.46	34.27	4.93	37.78	5.51
	5	20.02	3.09	23.53	3.59	27.15	4.11	29.30	4.40	30.55	4.60	34.27	5.08	37.78	5.68
	10	20.02	3.13	23.53	3.63	27.15	4.17	29.30	4.44	30.55	4.71	34.27	5.27	37.78	5.85
	15	20.02	3.23	23.53	3.77	27.15	4.31	29.30	4.60	30.55	4.89	34.27	5.47	37.78	6.07
	20	20.02	3.36	23.53	3.92	27.15	4.50	29.30	4.81	30.55	5.12	34.27	5.72	37.78	6.37
	25	20.02	3.50	23.53	4.08	27.15	4.73	29.30	5.08	30.55	5.45	34.27	6.26	37.78	7.07
	30	20.02	3.98	23.53	4.73	27.15	5.56	29.30	5.99	30.55	6.45	34.27	7.36	37.78	8.36
	35	20.02	4.62	23.53	5.54	27.15	6.51	29.30	6.99	30.55	7.53	34.27	8.63	37.78	9.79
	41	20.02	5.39	23.53	6.41	27.15	7.51	29.30	8.09	30.55	8.75	34.27	10.33	37.78	11.53
	43	20.02	5.95	23.53	6.99	27.15	8.11	29.30	9.23	30.55	9.48	34.27	10.89	37.78	12.83

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 27. Cooling capacity YV2VYT064KAS-D-X

YV2VYT064KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	57.49	8.08	67.84	9.71	78.10	11.15	83.07	12.41	86.18	12.25	88.25	11.09	90.12	10.81
	0	57.49	8.14	67.84	9.77	78.10	11.23	83.07	12.49	86.18	12.35	88.25	11.19	90.12	10.93
	5	57.49	8.24	67.84	9.87	78.10	11.35	83.07	12.61	86.18	12.49	88.25	11.33	90.12	11.09
	10	57.49	8.38	67.84	10.04	78.10	11.73	83.48	12.57	84.31	12.36	86.28	11.81	88.15	11.27
	15	57.49	8.74	67.84	10.48	78.10	12.23	81.20	12.55	82.14	12.43	83.48	12.50	85.66	12.52
	20	57.49	9.19	67.84	11.60	77.27	13.98	78.72	14.03	79.03	14.11	81.00	14.23	82.86	14.36
	25	57.49	10.99	67.84	13.88	74.68	15.78	75.92	15.84	76.44	15.91	78.51	16.07	80.27	16.26
	30	57.49	13.01	67.84	15.39	71.88	17.53	72.71	17.66	73.85	17.72	74.68	17.92	77.68	18.12
	35	57.49	15.19	67.22	19.19	69.81	19.38	70.23	19.55	71.16	19.55	73.13	19.77	74.99	19.86
	41	57.49	17.72	65.77	20.84	66.81	21.13	67.74	21.09	68.67	21.13	70.64	21.13	72.30	21.23
	43	57.49	19.19	64.42	21.13	65.25	21.22	66.39	21.34	67.22	21.41	69.29	21.51	70.44	21.74
120%	-5	53.24	7.37	62.56	8.70	72.19	10.18	76.85	11.02	82.14	11.81	86.70	12.06	88.46	11.50
	0	53.24	7.43	62.56	8.76	72.19	10.26	76.85	11.10	82.14	11.91	86.70	12.16	88.46	11.62
	5	53.24	7.53	62.56	8.86	72.19	10.38	76.85	11.22	82.14	12.05	86.70	12.30	88.46	11.77
	10	53.24	7.65	62.56	9.19	72.19	10.75	76.85	11.52	81.52	12.30	84.93	12.21	86.59	11.73
	15	53.24	8.02	62.56	9.61	72.19	11.22	76.85	12.03	80.48	12.59	82.14	12.38	83.90	12.45
	20	53.24	8.38	62.56	10.34	72.19	12.68	76.85	13.94	77.89	14.02	79.44	14.13	81.21	14.27
	25	53.24	9.85	62.56	12.38	72.19	15.19	74.27	15.74	75.30	15.78	77.06	15.97	78.62	16.07
	30	53.24	11.66	62.56	14.68	70.43	17.44	71.57	17.59	72.61	17.69	74.06	17.72	75.92	17.92
	35	53.24	13.66	62.56	17.24	68.46	19.19	69.09	19.35	69.92	19.35	71.68	19.58	73.33	19.77
	41	53.24	15.87	62.56	19.77	65.36	21.13	66.50	21.09	67.53	21.13	68.78	21.13	70.54	21.13
	43	53.24	17.44	62.56	21.04	64.01	21.33	65.05	21.28	65.88	21.32	67.12	21.33	69.19	21.35
110%	-5	48.78	6.67	57.38	7.90	66.08	9.22	70.43	10.01	74.68	10.77	85.35	12.44	87.11	11.95
	0	48.78	6.73	57.38	7.96	66.08	9.30	70.43	10.09	74.68	10.87	85.35	12.54	87.11	12.07
	5	48.78	6.83	57.38	8.06	66.08	9.42	70.43	10.21	74.68	11.01	85.35	12.68	87.11	12.23
	10	48.78	6.96	57.38	8.36	66.08	9.77	70.43	10.48	74.68	11.20	83.38	12.61	85.04	12.16
	15	48.78	7.29	57.38	8.73	66.08	10.21	70.43	10.95	74.68	11.68	80.58	12.55	82.34	12.36
	20	48.78	7.62	57.38	9.17	66.08	11.18	70.43	12.26	74.68	13.37	78.10	14.05	79.76	14.15
	25	48.78	8.76	57.38	10.97	66.08	13.37	70.43	14.68	73.23	15.73	74.89	15.87	76.54	15.97
	30	48.78	10.34	57.38	12.97	66.08	16.07	70.43	17.32	70.74	17.52	72.82	17.72	74.47	17.72
	35	48.78	12.14	57.38	15.25	66.08	17.53	67.74	19.16	68.67	19.35	70.23	19.58	71.78	19.77
	41	48.78	14.19	57.38	17.92	64.32	18.99	65.36	20.71	66.08	20.67	67.22	20.84	69.19	20.84
	43	48.78	15.39	57.38	19.38	62.66	20.45	63.91	20.90	64.63	20.85	65.67	21.13	67.53	21.13
100%	-5	44.23	6.02	52.10	7.12	59.97	8.34	64.40	9.46	67.95	9.57	75.82	10.94	86.80	12.37
	0	44.23	6.08	52.10	7.18	59.97	8.42	64.40	9.54	67.95	9.67	75.82	11.04	86.80	12.49
	5	44.23	6.17	52.10	7.27	59.97	8.54	64.40	9.66	67.95	9.81	75.82	11.18	86.80	12.65
	10	44.23	6.28	52.10	7.53	59.97	8.77	64.40	9.42	67.95	10.08	75.82	11.37	84.62	12.59
	15	44.23	6.55	52.10	7.85	59.97	9.17	64.40	9.87	67.95	10.52	75.82	11.87	82.34	12.52
	20	44.23	6.88	52.10	8.22	59.97	9.77	64.40	10.69	67.95	11.66	75.82	13.69	80.37	14.05
	25	44.23	7.72	52.10	9.61	59.97	11.68	64.40	12.80	67.95	13.94	74.06	15.78	77.68	15.87
	30	44.23	9.13	52.10	11.27	59.97	13.84	64.40	14.95	67.95	16.50	71.37	17.53	74.47	17.72
	35	44.23	10.69	52.10	13.33	59.97	16.28	64.40	16.83	67.43	19.17	68.78	19.38	71.47	19.58
	41	44.23	12.49	52.10	15.58	59.97	18.96	63.70	19.74	64.84	20.48	66.29	20.84	67.64	20.45
	43	44.23	13.92	52.10	16.85	59.97	20.51	62.60	20.51	63.29	21.13	64.94	21.13	66.19	20.84

To be continued

Continued

YV2VYT064KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	39.80	5.37	46.89	6.44	53.97	7.48	57.96	7.96	61.32	8.66	68.26	9.59	75.30	10.71
	0	39.80	5.43	46.89	6.50	53.97	7.56	57.96	8.04	61.32	8.76	68.26	9.69	75.30	10.83
	5	39.80	5.53	46.89	6.60	53.97	7.67	57.96	8.16	61.32	8.90	68.26	9.83	75.30	10.99
	10	39.80	5.63	46.89	6.71	53.97	7.81	57.96	8.39	61.32	8.97	68.26	10.13	75.30	11.29
	15	39.80	5.86	46.89	7.00	53.97	8.16	57.96	8.74	61.32	9.38	68.26	10.58	75.30	11.79
	20	39.80	6.14	46.89	7.33	53.97	8.54	57.96	9.22	61.32	10.04	68.26	11.73	75.30	13.56
	25	39.80	6.75	46.89	8.36	53.97	10.10	57.96	11.02	61.32	11.99	68.26	14.03	73.95	15.78
	30	39.80	7.97	46.89	9.87	53.97	11.95	57.96	13.05	61.32	14.21	68.26	16.65	71.47	17.53
	35	39.80	9.32	46.89	11.56	53.97	14.03	57.96	15.35	61.32	16.68	67.43	19.19	68.78	19.38
	41	39.80	10.73	46.89	13.48	53.97	16.26	57.96	17.92	61.32	19.17	64.63	20.84	65.98	20.84
	43	39.80	11.12	46.89	14.64	53.97	17.44	57.96	18.77	61.32	19.73	62.56	21.13	64.53	21.13
80%	-5	35.38	4.76	41.68	5.66	47.98	6.57	51.52	7.14	54.27	7.42	60.70	8.43	67.02	9.10
	0	35.38	4.82	41.68	5.72	47.98	6.65	51.52	7.21	54.27	7.52	60.70	8.53	67.02	9.22
	5	35.38	4.92	41.68	5.82	47.98	6.77	51.52	7.33	54.27	7.65	60.70	8.67	67.02	9.38
	10	35.38	5.00	41.68	5.92	47.98	6.88	51.52	7.51	54.27	7.87	60.70	8.90	67.02	9.91
	15	35.38	5.19	41.68	6.17	47.98	7.20	51.52	7.69	54.27	8.22	60.70	9.30	67.02	10.36
	20	35.38	5.42	41.68	6.44	47.98	7.51	51.52	8.06	54.27	8.61	60.70	9.91	67.02	11.43
	25	35.38	5.82	41.68	7.16	47.98	8.61	51.52	9.38	54.27	10.17	60.70	11.87	67.02	13.66
	30	35.38	6.88	41.68	8.45	47.98	10.17	51.52	11.09	54.27	12.05	60.70	14.05	67.02	16.26
	35	35.38	8.04	41.68	9.89	47.98	11.95	51.52	13.03	54.27	14.15	60.70	16.46	67.02	19.19
	41	35.38	9.11	41.68	11.77	47.98	13.90	51.52	15.14	54.27	16.45	60.18	18.99	64.11	20.45
	43	35.38	9.71	41.68	11.77	47.98	15.02	51.52	16.09	54.27	17.20	58.94	19.77	61.83	20.84
70%	-5	30.96	4.12	36.47	4.91	41.98	5.49	45.08	6.15	47.54	6.38	53.03	7.25	58.73	7.82
	0	30.96	4.18	36.47	4.96	41.98	5.57	45.08	6.23	47.54	6.48	53.03	7.35	58.73	7.94
	5	30.96	4.28	36.47	5.06	41.98	5.69	45.08	6.35	47.54	6.62	53.03	7.49	58.73	8.10
	10	30.96	4.35	36.47	5.14	41.98	5.95	45.08	6.39	47.54	6.81	53.03	7.67	58.73	8.57
	15	30.96	4.53	36.47	5.36	41.98	6.22	45.08	6.65	47.54	7.10	53.03	8.02	58.73	8.96
	20	30.96	4.72	36.47	5.59	41.98	6.50	45.08	6.96	47.54	7.42	53.03	8.39	58.73	9.46
	25	30.96	4.98	36.47	6.06	41.98	7.24	45.08	7.85	47.54	8.50	53.03	9.87	58.73	11.31
	30	30.96	5.86	36.47	7.11	41.98	8.54	45.08	9.28	47.54	10.06	53.03	11.68	58.73	13.40
	35	30.96	6.85	36.47	8.36	41.98	10.02	45.08	10.89	47.54	11.79	53.03	13.71	58.73	15.78
	41	30.96	7.80	36.47	9.71	41.98	11.71	45.08	12.70	47.54	13.73	53.03	15.87	58.73	18.40
	43	30.96	8.38	36.47	10.52	41.98	12.66	45.08	13.86	47.54	14.89	51.79	16.65	58.11	19.19
60%	-5	26.54	3.53	31.26	4.19	35.98	4.78	38.64	5.18	40.81	5.41	45.47	5.90	50.24	6.51
	0	26.54	3.59	31.26	4.25	35.98	4.86	38.64	5.26	40.81	5.51	45.47	6.00	50.24	6.63
	5	26.54	3.69	31.26	4.35	35.98	4.98	38.64	5.38	40.81	5.65	45.47	6.14	50.24	6.79
	10	26.54	3.76	31.26	4.41	35.98	5.06	38.64	5.61	40.81	5.78	45.47	6.50	50.24	7.24
	15	26.54	3.91	31.26	4.58	35.98	5.28	38.64	5.65	40.81	6.04	45.47	6.77	50.24	7.55
	20	26.54	4.07	31.26	4.78	35.98	5.51	38.64	5.90	40.81	6.28	45.47	7.08	50.24	7.89
	25	26.54	4.24	31.26	5.04	35.98	5.95	38.64	6.46	40.81	6.96	45.47	8.03	50.24	9.15
	30	26.54	4.92	31.26	5.94	35.98	8.96	38.64	7.62	40.81	8.18	45.47	9.48	50.24	10.82
	35	26.54	5.72	31.26	6.92	35.98	8.24	38.64	8.92	40.81	9.63	45.47	11.12	50.24	12.70
	41	26.54	6.65	31.26	6.08	35.98	9.48	38.64	9.77	40.81	11.18	45.47	12.95	50.24	14.83
	43	26.54	7.24	31.26	6.65	35.98	9.87	38.64	10.71	40.81	12.14	45.47	14.11	50.24	15.14
50%	-5	22.11	2.98	26.05	3.48	29.99	3.98	32.20	4.27	33.87	4.45	37.91	4.93	41.85	5.51
	0	22.11	3.04	26.05	3.54	29.99	4.06	32.20	4.35	33.87	4.55	37.91	5.03	41.85	5.63
	5	22.11	3.14	26.05	3.64	29.99	4.18	32.20	4.47	33.87	4.68	37.91	5.17	41.85	5.78
	10	22.11	3.18	26.05	3.69	29.99	4.24	32.20	4.51	33.87	4.78	37.91	5.36	41.85	5.94
	15	22.11	3.29	26.05	3.84	29.99	4.39	32.20	4.68	33.87	4.98	37.91	5.57	41.85	6.18
	20	22.11	3.42	26.05	3.98	29.99	4.58	32.20	4.90	33.87	5.21	37.91	5.82	41.85	6.48
	25	22.11	3.56	26.05	4.16	29.99	4.80	32.20	5.17	33.87	5.55	37.91	6.37	41.85	7.20
	30	22.11	4.05	26.05	4.81	29.99	5.65	32.20	6.10	33.87	6.55	37.91	7.49	41.85	8.50
	35	22.11	4.70	26.05	5.63	29.99	6.62	32.20	7.11	33.87	7.65	37.91	8.77	41.85	9.95
	41	22.11	5.48	26.05	6.52	29.99	7.64	32.20	8.22	33.87	8.90	37.91	10.50	41.85	11.73
	43	22.11	6.06	26.05	7.10	29.99	8.24	32.20	9.38	33.87	9.64	37.91	11.07	41.85	13.05

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 28. Cooling capacity YV2VYT071KAS-D-X

YV2VYT071KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	63.57	9.57	74.96	11.64	86.34	13.58	91.94	15.29	95.35	14.95	97.74	13.55	99.70	12.55
	0	63.57	9.63	74.96	11.71	86.34	13.66	91.94	15.38	95.35	15.06	97.74	13.65	99.70	12.68
	5	63.57	9.74	74.96	11.81	86.34	13.79	91.94	15.51	95.35	15.21	97.74	13.80	99.70	12.85
	10	63.57	10.10	74.96	12.23	86.34	14.39	92.35	15.46	93.18	15.19	95.35	14.50	97.53	13.80
	15	63.57	10.59	74.96	12.79	86.34	15.04	89.76	15.44	90.79	15.27	92.35	15.31	94.73	15.36
	20	63.57	11.15	74.96	14.23	85.41	17.27	86.96	17.34	87.28	17.43	89.55	17.60	91.62	17.76
	25	63.57	13.44	74.96	17.14	82.51	19.56	83.86	19.67	84.48	19.71	86.76	19.87	88.73	20.09
	30	63.57	15.94	74.96	19.88	79.51	21.89	80.34	21.96	81.58	21.99	82.62	22.20	85.83	22.84
	35	63.57	18.92	74.34	23.89	77.13	24.21	77.54	24.28	78.68	24.39	80.86	24.63	82.93	24.85
	41	63.57	21.56	72.68	25.69	73.82	26.00	74.96	26.11	75.99	26.22	78.06	26.54	79.93	26.75
	43	63.57	23.46	71.12	26.33	72.16	26.54	73.40	26.95	74.34	27.17	76.51	27.44	77.96	28.24
120%	-5	58.80	8.82	69.16	10.49	79.82	11.98	84.89	13.35	90.80	14.40	95.87	14.66	97.84	13.69
	0	58.80	8.89	69.16	10.56	79.82	12.06	84.89	13.43	90.80	14.51	95.87	14.76	97.84	13.82
	5	58.80	8.99	69.16	10.66	79.82	12.19	84.89	13.56	90.80	14.66	95.87	14.91	97.84	13.99
	10	58.80	9.19	69.16	11.15	79.82	13.13	84.89	14.11	90.07	15.12	93.90	15.00	95.66	14.38
	15	58.80	9.64	69.16	11.69	79.82	13.76	84.89	14.78	89.04	15.50	90.90	15.22	92.76	15.13
	20	58.80	10.10	69.16	12.62	79.82	15.60	84.89	17.20	86.03	17.33	87.90	17.46	89.86	17.62
	25	58.80	11.99	69.16	15.22	79.82	18.80	82.10	19.52	83.24	19.56	85.21	19.87	86.97	19.87
	30	58.80	14.12	69.16	18.14	77.86	21.67	79.10	21.82	80.24	21.96	81.89	22.10	83.96	22.31
	35	58.80	16.87	69.16	21.46	75.58	24.00	76.30	24.07	77.34	24.18	79.20	24.42	81.06	24.74
	41	58.80	19.34	69.16	24.85	72.26	25.79	73.51	25.90	74.65	25.90	75.99	26.54	77.96	26.54
	43	58.80	21.03	69.16	26.22	70.82	26.43	71.95	26.63	72.78	26.95	74.23	27.29	76.51	27.51
110%	-5	53.94	7.84	63.46	9.48	73.09	11.15	77.75	12.12	82.62	12.96	94.42	15.34	96.39	14.53
	0	53.94	7.90	63.46	9.54	73.09	11.23	77.75	12.20	82.62	13.07	94.42	15.44	96.39	14.66
	5	53.94	8.01	63.46	9.65	73.09	11.36	77.75	12.33	82.62	13.22	94.42	15.59	96.39	14.83
	10	53.94	8.31	63.46	10.08	73.09	11.88	77.75	12.79	82.62	13.71	92.25	15.51	94.01	14.95
	15	53.94	8.71	63.46	10.56	73.09	12.44	77.75	13.34	82.62	14.33	89.14	15.42	91.11	15.19
	20	53.94	9.14	63.46	11.11	73.09	13.70	77.75	15.05	82.62	16.49	86.34	17.35	88.21	17.48
	25	53.94	10.60	63.46	13.40	73.09	16.49	77.75	18.99	80.86	20.04	82.72	20.20	84.58	20.41
	30	53.94	12.63	63.46	15.97	73.09	19.77	77.75	21.47	78.17	21.77	80.44	21.99	82.31	22.10
	35	53.94	14.91	63.46	18.88	73.09	22.74	74.96	23.87	75.89	24.07	77.54	24.31	79.41	24.63
	41	53.94	17.36	63.46	22.09	71.12	24.97	72.26	25.92	73.09	25.82	74.34	26.22	76.51	26.54
	43	53.94	18.81	63.46	23.68	69.26	25.59	70.71	26.23	71.44	26.66	72.68	26.97	74.75	27.29
100%	-5	48.87	7.18	57.56	8.47	66.26	10.08	71.00	11.04	75.06	11.53	83.86	13.16	95.87	15.28
	0	48.87	7.25	57.56	8.54	66.26	10.16	71.00	11.12	75.06	11.63	83.86	13.27	95.87	15.41
	5	48.87	7.35	57.56	8.64	66.26	10.29	71.00	11.25	75.06	11.78	83.86	13.42	95.87	15.58
	10	48.87	7.45	57.56	9.02	66.26	10.62	71.00	11.45	75.06	12.27	83.86	13.92	93.48	15.50
	15	48.87	7.79	57.56	9.44	66.26	11.13	71.00	12.00	75.06	12.84	83.86	14.58	90.89	15.41
	20	48.87	8.18	57.56	9.91	66.26	11.88	71.00	13.06	75.06	14.29	83.86	16.88	88.62	17.35
	25	48.87	9.27	57.56	11.69	66.26	14.33	71.00	15.75	75.06	17.21	81.89	19.56	85.61	19.66
	30	48.87	11.04	57.56	13.87	66.26	17.07	71.00	18.66	75.06	20.44	78.89	21.78	82.09	21.99
	35	48.87	13.06	57.56	16.45	66.26	20.20	71.00	19.84	74.54	23.87	76.10	24.10	78.78	24.31
	41	48.87	15.17	57.56	19.02	66.26	23.49	70.40	24.68	71.75	25.83	73.30	26.11	74.85	26.01
	43	48.87	16.74	57.56	20.61	66.26	25.11	69.50	25.66	69.88	26.33	71.85	26.65	73.20	26.86

To be continued

Continued

YV2VYT071KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	43.98	6.17	51.81	7.53	59.63	8.87	63.90	9.52	67.81	10.24	75.47	11.60	83.24	13.00
	0	43.98	6.23	51.81	7.59	59.63	8.96	63.90	9.60	67.81	10.35	75.47	11.71	83.24	13.12
	5	43.98	6.34	51.81	7.70	59.63	9.09	63.90	9.73	67.81	10.50	75.47	11.86	83.24	13.29
	10	43.98	6.59	51.81	7.98	59.63	9.39	63.90	10.13	67.81	10.85	75.47	12.34	83.24	13.84
	15	43.98	6.91	51.81	8.34	59.63	9.83	63.90	10.59	67.81	11.38	75.47	12.91	83.24	14.47
	20	43.98	7.26	51.81	8.76	59.63	10.32	63.90	11.18	67.81	12.22	75.47	14.39	83.24	16.72
	25	43.98	8.03	51.81	10.08	59.63	12.30	63.90	13.49	67.81	14.71	75.47	17.34	81.69	19.56
	30	43.98	9.58	51.81	12.02	59.63	14.67	63.90	16.08	67.81	17.55	75.47	20.72	78.99	21.78
	35	43.98	11.32	51.81	14.17	59.63	17.33	63.90	19.01	67.81	20.75	74.54	23.89	76.10	24.10
	41	43.98	13.03	51.81	16.46	59.63	20.09	63.90	21.34	67.81	23.98	71.54	26.01	72.88	26.11
	43	43.98	14.11	51.81	17.64	59.63	21.56	63.90	23.15	67.81	24.59	69.16	25.58	71.33	26.65
80%	-5	39.09	5.43	46.05	6.57	53.01	7.69	56.80	8.34	60.05	8.83	67.09	10.10	74.13	11.16
	0	39.09	5.49	46.05	6.63	53.01	7.77	56.80	8.43	60.05	8.94	67.09	10.21	74.13	11.29
	5	39.09	5.60	46.05	6.74	53.01	7.90	56.80	8.56	60.05	9.09	67.09	10.36	74.13	11.46
	10	39.09	5.79	46.05	6.98	53.01	8.20	56.80	8.90	60.05	9.47	67.09	10.77	74.13	12.07
	15	39.09	6.04	46.05	7.29	53.01	8.59	56.80	9.25	60.05	9.91	67.09	11.28	74.13	12.64
	20	39.09	6.34	46.05	7.64	53.01	9.00	56.80	9.69	60.05	10.41	67.09	12.07	74.13	14.35
	25	39.09	6.86	46.05	8.55	53.01	10.41	56.80	11.38	60.05	12.40	67.09	14.57	74.13	17.64
	30	39.09	8.20	46.05	10.21	53.01	12.40	56.80	13.58	60.05	14.79	67.09	17.35	74.13	20.09
	35	39.09	9.68	46.05	12.06	53.01	14.67	56.80	16.06	60.05	17.48	67.09	20.51	74.13	23.79
	41	39.09	11.24	46.05	14.07	53.01	16.99	56.80	18.63	60.05	20.39	66.57	23.79	70.92	25.69
	43	39.09	12.64	46.05	14.84	53.01	18.19	56.80	20.12	60.05	21.95	65.33	24.63	68.22	26.33
70%	-5	34.21	4.64	40.29	5.61	46.38	6.48	49.70	7.11	52.49	7.54	58.70	8.61	64.91	7.84
	0	34.21	4.71	40.29	5.67	46.38	6.57	49.70	7.19	52.49	7.65	58.70	8.71	64.91	7.97
	5	34.21	4.81	40.29	5.78	46.38	6.70	49.70	7.32	52.49	7.80	58.70	8.86	64.91	8.14
	10	34.21	4.97	40.29	5.98	46.38	7.03	49.70	7.56	52.49	8.11	58.70	9.21	64.91	10.35
	15	34.21	5.21	40.29	6.25	46.38	7.36	49.70	7.91	52.49	8.47	58.70	9.64	64.91	10.83
	20	34.21	5.45	40.29	6.56	46.38	7.72	49.70	8.31	52.49	8.91	58.70	10.13	64.91	11.49
	25	34.21	5.77	40.29	7.14	46.38	8.64	49.70	9.44	52.49	10.27	58.70	12.02	64.91	13.85
	30	34.21	6.90	40.29	8.52	46.38	10.32	49.70	11.27	52.49	12.24	58.70	14.32	64.91	16.50
	35	34.21	8.17	40.29	10.08	46.38	12.19	49.70	13.31	52.49	14.45	58.70	16.91	64.91	19.56
	41	34.21	9.31	40.29	11.54	46.38	14.14	49.70	15.27	52.49	16.77	58.70	19.56	64.91	22.73
	43	34.21	9.93	40.29	12.31	46.38	15.54	49.70	16.89	52.49	18.16	57.46	21.04	64.29	24.43
60%	-5	29.32	3.89	34.54	4.71	39.76	5.47	42.60	5.95	45.14	6.28	50.32	7.04	55.60	7.87
	0	29.32	3.96	34.54	4.77	39.76	5.55	42.60	6.04	45.14	6.39	50.32	7.15	55.60	8.00
	5	29.32	4.06	34.54	4.88	39.76	5.68	42.60	6.17	45.14	6.54	50.32	7.30	55.60	8.17
	10	29.32	4.21	34.54	5.04	39.76	5.89	42.60	6.43	45.14	6.79	50.32	7.70	55.60	8.64
	15	29.32	4.40	34.54	5.26	39.76	6.17	42.60	6.64	45.14	7.10	50.32	8.06	55.60	9.06
	20	29.32	4.60	34.54	5.51	39.76	6.44	42.60	6.95	45.14	7.45	50.32	8.46	55.60	9.49
	25	29.32	4.83	34.54	5.85	39.76	7.03	42.60	7.65	45.14	8.31	50.32	9.67	55.60	11.10
	30	29.32	5.68	34.54	7.00	39.76	9.35	42.60	9.14	45.14	9.89	50.32	11.51	55.60	13.23
	35	29.32	6.72	34.54	8.26	39.76	9.92	42.60	10.80	45.14	11.71	50.32	13.59	55.60	15.63
	41	29.32	7.72	34.54	8.51	39.76	11.39	42.60	12.17	45.14	13.53	50.32	15.77	55.60	18.18
	43	29.32	8.42	34.54	8.91	39.76	12.20	42.60	13.50	45.14	14.76	50.32	17.05	55.60	19.35
50%	-5	24.43	3.19	28.78	3.87	33.13	4.44	35.50	4.74	37.48	5.04	41.93	5.73	46.28	6.42
	0	24.43	3.26	28.78	3.94	33.13	4.53	35.50	4.82	37.48	5.15	41.93	5.84	46.28	6.55
	5	24.43	3.37	28.78	4.04	33.13	4.66	35.50	4.95	37.48	5.30	41.93	5.99	46.28	6.72
	10	24.43	3.47	28.78	4.13	33.13	4.83	35.50	5.16	37.48	5.51	41.93	6.25	46.28	7.00
	15	24.43	3.61	28.78	4.26	33.13	5.03	35.50	5.40	37.48	5.78	41.93	6.53	46.28	7.32
	20	24.43	3.77	28.78	4.51	33.13	5.26	35.50	5.65	37.48	6.05	41.93	6.86	46.28	7.69
	25	24.43	3.96	28.78	4.71	33.13	5.54	35.50	6.01	37.48	6.51	41.93	7.53	46.28	8.60
	30	24.43	4.57	28.78	5.57	33.13	6.62	35.50	7.19	37.48	7.79	41.93	9.00	46.28	10.27
	35	24.43	5.43	28.78	6.59	33.13	7.86	35.50	8.50	37.48	9.19	41.93	10.62	46.28	12.12
	41	24.43	6.23	28.78	7.27	33.13	9.01	35.50	9.77	37.48	10.60	41.93	12.41	46.28	14.10
	43	24.43	6.93	28.78	7.97	33.13	9.82	35.50	10.86	37.48	11.47	41.93	13.36	46.28	15.52

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 29. Cooling capacity YV2VYT074KAS-D-X

YV2VYT074KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	67.98	10.19	80.25	12.41	92.42	14.49	98.30	16.32	102.02	15.95	104.59	14.46	106.97	13.37
	0	67.98	10.26	80.25	12.47	92.42	14.57	98.30	16.40	102.02	16.06	104.59	14.56	106.97	13.50
	5	67.98	10.36	80.25	12.58	92.42	14.70	98.30	16.53	102.02	16.20	104.59	14.71	106.97	13.67
	10	67.98	10.77	80.25	13.03	92.42	15.34	98.72	16.50	99.64	16.19	102.02	15.46	104.59	14.72
	15	67.98	11.28	80.25	13.64	92.42	16.04	95.93	16.46	97.06	16.29	98.72	16.31	101.60	16.37
	20	67.98	11.89	80.25	15.16	91.39	18.41	93.04	18.49	93.45	18.58	95.72	18.76	98.30	18.94
	25	67.98	14.33	80.25	18.26	88.30	20.89	89.74	20.90	90.46	21.04	92.84	21.20	95.21	21.52
	30	67.98	16.99	80.25	21.28	85.10	23.39	86.03	23.46	87.37	23.49	88.50	23.70	92.11	24.32
	35	67.98	20.16	79.53	25.47	82.52	25.78	83.04	25.95	84.17	26.06	86.54	26.30	88.92	26.51
	41	67.98	23.07	77.67	27.44	79.01	27.75	80.15	27.86	81.28	27.96	83.55	28.27	85.82	28.58
	43	67.98	24.95	76.02	28.06	77.16	28.38	78.50	28.78	79.53	28.99	81.90	29.29	83.65	29.58
120%	-5	62.92	9.40	73.96	11.19	85.41	12.77	90.88	14.24	97.17	15.37	102.63	15.63	105.01	14.59
	0	62.92	9.47	73.96	11.26	85.41	12.86	90.88	14.32	97.17	15.48	102.63	15.73	105.01	14.72
	5	62.92	9.57	73.96	11.36	85.41	12.98	90.88	14.45	97.17	15.62	102.63	15.88	105.01	14.88
	10	62.92	9.79	73.96	11.89	85.41	13.99	90.88	15.05	96.34	16.11	100.37	16.00	102.63	15.32
	15	62.92	10.27	73.96	12.45	85.41	14.68	90.88	15.75	95.21	16.52	97.17	16.23	99.54	16.13
	20	62.92	10.77	73.96	13.45	85.41	16.64	90.88	18.34	92.11	18.47	93.97	18.62	96.34	18.79
	25	62.92	12.77	73.96	16.23	85.41	20.04	87.88	20.85	89.12	20.89	91.19	21.10	93.25	21.20
	30	62.92	15.04	73.96	19.34	83.35	23.18	84.69	23.32	85.92	23.36	87.68	23.60	90.05	23.80
	35	62.92	17.99	73.96	22.89	80.87	25.57	81.70	25.75	82.73	25.85	84.79	26.09	86.96	26.40
	41	62.92	20.68	73.96	26.51	77.36	27.54	78.60	27.54	79.84	27.54	81.39	28.27	83.65	28.27
	43	62.92	22.45	73.96	27.96	75.71	28.17	76.95	28.47	77.88	28.78	79.43	29.11	82.11	29.39
110%	-5	57.66	8.34	67.87	10.10	78.19	11.89	83.24	12.93	88.40	13.83	100.98	16.37	103.46	15.51
	0	57.66	8.41	67.87	10.16	78.19	11.97	83.24	13.01	88.40	13.94	100.98	16.47	103.46	15.63
	5	57.66	8.51	67.87	10.27	78.19	12.10	83.24	13.14	88.40	14.08	100.98	16.62	103.46	15.80
	10	57.66	8.84	67.87	10.74	78.19	12.66	83.24	13.64	88.40	14.60	98.61	16.53	100.88	15.93
	15	57.66	9.27	67.87	11.25	78.19	13.25	83.24	14.22	88.40	15.28	95.31	16.44	97.68	16.19
	20	57.66	9.73	67.87	11.84	78.19	14.59	83.24	16.05	88.40	17.59	92.42	18.50	94.59	18.65
	25	57.66	11.29	67.87	14.28	78.19	17.59	83.24	20.28	86.54	21.36	88.50	21.52	90.67	21.83
	30	57.66	13.47	67.87	17.03	78.19	21.10	83.24	22.98	83.65	23.17	86.13	23.49	88.30	23.60
	35	57.66	15.90	67.87	20.13	78.19	24.22	80.15	25.55	81.18	25.64	83.04	25.99	85.20	26.19
	41	57.66	18.50	67.87	23.52	76.02	26.72	77.26	27.67	78.19	27.57	79.53	28.07	82.11	28.38
	43	57.66	20.06	67.87	25.26	74.06	27.34	75.61	27.97	76.43	28.49	77.78	28.79	80.15	29.21
100%	-5	52.30	7.67	61.58	9.04	70.86	10.75	74.30	11.75	80.35	12.29	89.74	14.04	102.84	16.32
	0	52.30	7.73	61.58	9.10	70.86	10.83	74.30	11.84	80.35	12.40	89.74	14.14	102.84	16.44
	5	52.30	7.84	61.58	9.21	70.86	10.95	74.30	11.96	80.35	12.55	89.74	14.29	102.84	16.61
	10	52.30	7.92	61.58	9.61	70.86	11.32	74.30	12.19	80.35	13.08	89.74	14.84	100.16	16.52
	15	52.30	8.28	61.58	10.05	70.86	11.86	74.30	12.78	80.35	13.69	89.74	15.54	97.38	16.43
	20	52.30	8.71	61.58	10.56	70.86	12.66	74.30	13.93	80.35	15.24	89.74	18.00	94.90	18.50
	25	52.30	9.87	61.58	12.45	70.86	15.28	74.30	16.80	80.35	18.36	87.68	20.79	91.70	20.89
	30	52.30	11.76	61.58	14.79	70.86	18.21	74.30	19.91	80.35	21.77	84.38	23.18	87.99	23.49
	35	52.30	13.93	61.58	17.55	70.86	21.55	74.30	21.58	79.74	25.45	81.39	25.78	84.48	25.99
	41	52.30	16.16	61.58	20.33	70.86	25.05	73.90	26.36	76.74	27.58	78.39	27.86	80.25	27.86
	43	52.30	17.84	61.58	21.91	70.86	26.77	73.00	27.36	74.78	28.06	76.85	28.48	78.50	28.69

To be continued

Continued

YV2VYT074KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	47.07	6.57	55.42	8.02	63.78	9.46	66.87	10.15	72.51	10.92	80.77	12.38	89.33	13.87
	0	47.07	6.63	55.42	8.08	63.78	9.54	66.87	10.24	72.51	11.03	80.77	12.48	89.33	14.00
	5	47.07	6.73	55.42	8.19	63.78	9.67	66.87	10.36	72.51	11.17	80.77	12.63	89.33	14.17
	10	47.07	7.02	55.42	8.49	63.78	10.01	66.87	10.79	72.51	11.57	80.77	13.16	89.33	14.75
	15	47.07	7.36	55.42	8.88	63.78	10.47	66.87	11.28	72.51	12.13	80.77	13.75	89.33	15.42
	20	47.07	7.72	55.42	9.33	63.78	11.00	66.87	11.91	72.51	13.01	80.77	15.34	89.33	17.83
	25	47.07	8.55	55.42	10.74	63.78	13.11	66.87	14.37	72.51	15.70	80.77	18.49	87.68	20.79
	30	47.07	10.21	55.42	12.81	63.78	15.64	66.87	17.14	72.51	18.72	80.77	22.14	84.69	23.18
	35	47.07	12.06	55.42	15.10	63.78	18.47	66.87	20.25	72.51	22.17	79.74	25.47	81.59	25.67
	41	47.07	13.89	55.42	17.54	63.78	21.41	66.87	22.66	72.51	25.55	76.54	27.65	78.19	27.86
	43	47.07	15.06	55.42	18.79	63.78	22.97	66.87	24.74	72.51	26.15	74.06	27.34	76.54	28.48
80%	-5	41.84	5.78	49.26	7.00	56.69	8.20	59.44	8.89	64.16	9.42	71.79	10.77	79.53	11.91
	0	41.84	5.84	49.26	7.07	56.69	8.28	59.44	8.98	64.16	9.53	71.79	10.87	79.53	12.03
	5	41.84	5.94	49.26	7.17	56.69	8.41	59.44	9.10	64.16	9.68	71.79	11.02	79.53	12.20
	10	41.84	6.16	49.26	7.43	56.69	8.72	59.44	9.47	64.16	10.08	71.79	11.47	79.53	12.86
	15	41.84	6.42	49.26	7.76	56.69	9.15	59.44	9.84	64.16	10.56	71.79	12.02	79.53	13.48
	20	41.84	6.75	49.26	8.13	56.69	9.58	59.44	10.32	64.16	11.09	71.79	12.86	79.53	15.31
	25	41.84	7.30	49.26	9.10	56.69	11.09	59.44	12.13	64.16	13.21	71.79	15.53	79.53	18.85
	30	41.84	8.72	49.26	10.88	56.69	13.21	59.44	14.48	64.16	15.76	71.79	18.50	79.53	21.52
	35	41.84	10.31	49.26	12.85	56.69	15.64	59.44	17.12	64.16	18.65	71.79	21.83	79.53	25.36
	41	41.84	11.97	49.26	14.99	56.69	18.11	59.44	19.85	64.16	21.71	71.28	25.36	76.02	27.44
	43	41.84	13.51	49.26	15.83	56.69	19.37	59.44	21.44	64.16	23.45	70.04	26.30	73.13	28.07
70%	-5	36.61	4.93	43.11	5.96	49.61	6.91	52.01	7.57	56.22	8.04	62.72	9.19	69.63	8.30
	0	36.61	5.00	43.11	6.03	49.61	6.99	52.01	7.66	56.22	8.15	62.72	9.29	69.63	8.42
	5	36.61	5.10	43.11	6.13	49.61	7.12	52.01	7.78	56.22	8.29	62.72	9.44	69.63	8.59
	10	36.61	5.29	43.11	6.36	49.61	7.47	52.01	8.05	56.22	8.64	62.72	9.82	69.63	11.03
	15	36.61	5.53	43.11	6.65	49.61	7.84	52.01	8.42	56.22	9.03	62.72	10.27	69.63	11.55
	20	36.61	5.80	43.11	6.97	49.61	8.22	52.01	8.84	56.22	9.49	62.72	10.79	69.63	12.23
	25	36.61	6.13	43.11	7.60	49.61	9.20	52.01	10.05	56.22	10.93	62.72	12.81	69.63	14.76
	30	36.61	7.34	43.11	9.06	49.61	11.00	52.01	12.00	56.22	13.04	62.72	15.26	69.63	17.60
	35	36.61	8.70	43.11	10.74	49.61	12.99	52.01	14.19	56.22	15.40	62.72	18.03	69.63	20.89
	41	36.61	9.92	43.11	12.29	49.61	15.06	52.01	16.27	56.22	17.88	62.72	20.89	69.63	24.22
	43	36.61	10.57	43.11	13.08	49.61	16.57	52.01	18.00	56.22	19.35	61.48	22.45	69.01	26.09
60%	-5	31.38	4.13	36.95	5.01	42.52	5.83	44.58	6.35	48.38	6.70	53.84	7.52	59.62	8.41
	0	31.38	4.20	36.95	5.07	42.52	5.91	44.58	6.43	48.38	6.81	53.84	7.63	59.62	8.53
	5	31.38	4.30	36.95	5.18	42.52	6.04	44.58	6.56	48.38	6.95	53.84	7.77	59.62	8.70
	10	31.38	4.47	36.95	5.36	42.52	6.27	44.58	6.84	48.38	7.22	53.84	8.20	59.62	9.20
	15	31.38	4.68	36.95	5.59	42.52	6.56	44.58	7.07	48.38	7.56	53.84	8.57	59.62	9.65
	20	31.38	4.89	36.95	5.86	42.52	6.86	44.58	7.40	48.38	7.92	53.84	9.02	59.62	10.11
	25	31.38	5.12	36.95	6.22	42.52	7.47	44.58	8.14	48.38	8.84	53.84	10.30	59.62	11.83
	30	31.38	6.04	36.95	7.45	42.52	9.90	44.58	9.73	48.38	10.54	53.84	12.26	59.62	14.10
	35	31.38	7.15	36.95	8.80	42.52	10.57	44.58	11.51	48.38	12.48	53.84	14.49	59.62	16.66
	41	31.38	8.21	36.95	9.13	42.52	12.13	44.58	12.98	48.38	14.41	53.84	16.81	59.62	19.37
	43	31.38	8.96	36.95	9.53	42.52	13.01	44.58	14.41	48.38	15.74	53.84	18.16	59.62	20.66
50%	-5	26.15	3.40	30.79	4.11	35.43	4.74	37.15	5.05	40.13	5.37	44.87	6.12	49.62	6.86
	0	26.15	3.46	30.79	4.18	35.43	4.82	37.15	5.13	40.13	5.48	44.87	6.22	49.62	6.98
	5	26.15	3.56	30.79	4.28	35.43	4.95	37.15	5.26	40.13	5.62	44.87	6.37	49.62	7.15
	10	26.15	3.68	30.79	4.39	35.43	5.12	37.15	5.49	40.13	5.86	44.87	6.65	49.62	7.45
	15	26.15	3.82	30.79	4.53	35.43	5.35	37.15	5.74	40.13	6.15	44.87	6.95	49.62	7.80
	20	26.15	4.00	30.79	4.79	35.43	5.59	37.15	6.02	40.13	6.43	44.87	7.30	49.62	8.19
	25	26.15	4.21	30.79	5.01	35.43	5.89	37.15	6.39	40.13	6.92	44.87	8.02	49.62	9.17
	30	26.15	4.86	30.79	5.91	35.43	7.05	37.15	7.66	40.13	8.28	44.87	9.59	49.62	10.93
	35	26.15	5.77	30.79	7.02	35.43	8.38	37.15	9.04	40.13	9.79	44.87	11.32	49.62	12.92
	41	26.15	6.62	30.79	7.72	35.43	9.59	37.15	10.40	40.13	11.29	44.87	13.21	49.62	15.02
	43	26.15	7.36	30.79	8.46	35.43	10.46	37.15	11.55	40.13	12.21	44.87	14.23	49.62	16.53

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 30. Cooling capacity YV2VYT083KAS-D-X

YV2VYT083KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	75.12	11.20	88.60	13.75	102.09	16.21	109.15	18.40	113.50	17.88	116.82	16.21	118.69	14.50
	0	75.12	11.27	88.60	13.81	102.09	16.30	109.15	18.48	113.50	17.99	116.82	16.32	118.69	14.63
	5	75.12	11.37	88.60	13.92	102.09	16.43	109.15	18.61	113.50	18.14	116.82	16.47	118.69	14.80
	10	75.12	11.97	88.60	14.59	102.09	17.24	109.15	18.57	110.18	18.23	112.67	17.39	115.37	16.54
	15	75.12	12.60	88.60	15.27	102.09	18.06	105.41	18.55	106.86	18.34	109.15	18.32	112.05	18.40
	20	75.12	13.26	88.60	17.05	101.05	20.80	102.09	20.89	103.13	20.99	105.83	21.21	108.32	21.40
	25	75.12	16.09	88.60	20.63	97.32	23.56	98.36	23.78	99.81	23.78	102.51	23.99	105.00	24.21
	30	75.12	19.09	88.60	24.63	94.00	26.56	95.04	26.56	96.49	26.56	98.77	26.78	101.68	27.85
	35	75.12	22.92	87.98	28.92	90.68	29.35	91.72	29.35	92.96	29.56	95.45	29.78	98.15	30.20
	41	75.12	25.71	85.08	30.85	87.36	31.27	88.60	31.49	90.06	31.70	92.13	32.35	95.04	32.56
	43	75.12	28.06	83.00	31.92	85.28	32.35	86.74	32.99	88.19	33.42	90.26	33.89	92.96	35.45
120%	-5	69.31	10.41	81.76	12.44	94.41	13.96	100.22	15.87	107.90	17.22	114.13	17.48	116.41	16.10
	0	69.31	10.47	81.76	12.51	94.41	14.05	100.22	15.96	107.90	17.33	114.13	17.58	116.41	16.23
	5	69.31	10.58	81.76	12.62	94.41	14.18	100.22	16.09	107.90	17.48	114.13	17.74	116.41	16.41
	10	69.31	10.86	81.76	13.26	94.41	15.68	100.22	16.90	106.45	18.14	111.01	17.99	113.09	17.22
	15	69.31	11.40	81.76	13.92	94.41	16.49	100.22	17.74	105.41	18.61	107.69	18.27	109.77	18.04
	20	69.31	11.97	81.76	15.08	94.41	18.74	100.22	20.69	101.68	20.86	103.96	21.04	106.24	21.23
	25	69.31	14.29	81.76	18.27	94.41	22.66	96.90	23.56	98.36	23.56	100.64	23.99	102.92	23.99
	30	69.31	16.77	81.76	21.85	92.13	26.13	93.58	26.35	95.04	26.56	96.90	26.78	99.19	26.99
	35	69.31	20.31	81.76	25.92	88.81	29.13	90.26	29.13	91.51	29.35	93.58	29.56	95.87	29.99
	41	69.31	23.13	81.76	30.20	85.49	30.85	86.74	31.06	88.19	31.06	90.26	32.35	92.55	32.35
	43	69.31	24.85	81.76	31.70	83.83	31.92	84.87	32.35	85.91	32.99	88.19	33.63	90.68	34.04
110%	-5	63.50	9.12	75.12	11.20	86.32	13.26	91.72	14.41	97.73	15.35	112.47	18.46	114.96	17.32
	0	63.50	9.19	75.12	11.27	86.32	13.34	91.72	14.50	97.73	15.46	112.47	18.57	114.96	17.46
	5	63.50	9.30	75.12	11.37	86.32	13.47	91.72	14.63	97.73	15.62	112.47	18.72	114.96	17.63
	10	63.50	9.77	75.12	11.95	86.32	14.16	91.72	15.27	97.73	16.41	109.15	18.61	111.22	17.93
	15	63.50	10.24	75.12	12.53	86.32	14.84	91.72	15.92	97.73	17.18	105.41	18.51	107.69	18.23
	20	63.50	10.80	75.12	13.20	86.32	16.41	91.72	18.06	97.73	19.84	102.09	20.89	104.37	21.06
	25	63.50	12.60	75.12	16.02	86.32	19.84	91.72	23.54	95.04	24.63	97.32	24.85	99.60	25.06
	30	63.50	15.10	75.12	19.19	86.32	23.78	91.72	25.92	92.55	26.35	95.04	26.56	97.32	26.78
	35	63.50	17.89	75.12	22.77	86.32	28.28	88.60	28.92	89.64	29.13	91.72	29.35	94.00	29.78
	41	63.50	20.76	75.12	26.56	83.83	31.27	85.28	31.49	86.32	31.27	88.19	31.92	90.68	32.56
	43	63.50	22.49	75.12	28.28	81.55	31.06	83.42	31.92	84.45	32.77	86.32	33.20	88.60	33.85
100%	-5	57.69	8.46	68.06	9.96	78.23	11.97	83.40	12.78	88.81	13.66	99.19	15.59	112.67	18.42
	0	57.69	8.52	68.06	10.02	78.23	12.06	83.40	12.87	88.81	13.77	99.19	15.70	112.67	18.55
	5	57.69	8.63	68.06	10.13	78.23	12.19	83.40	13.00	88.81	13.92	99.19	15.85	112.67	18.72
	10	57.69	8.72	68.06	10.65	78.23	12.62	83.40	13.65	88.81	14.63	99.19	16.67	109.15	18.61
	15	57.69	9.13	68.06	11.16	78.23	13.24	83.40	14.29	88.81	15.34	99.19	17.48	105.41	18.51
	20	57.69	9.60	68.06	11.74	78.23	14.16	83.40	15.62	88.81	17.12	99.19	20.31	102.09	20.89
	25	57.69	10.95	68.06	13.92	78.23	17.18	83.40	18.91	88.81	20.71	96.90	23.56	98.77	23.78
	30	57.69	13.11	68.06	16.67	78.23	20.54	83.40	22.62	88.81	24.63	93.38	26.35	95.04	26.56
	35	57.69	15.62	68.06	19.79	78.23	24.40	83.40	24.42	88.19	28.92	90.06	29.13	91.72	29.35
	41	57.69	18.06	68.06	22.71	78.23	28.34	82.60	29.95	84.87	31.49	86.74	31.70	88.60	31.92
	43	57.69	19.79	68.06	24.63	78.23	30.08	82.00	31.17	82.59	31.92	84.87	32.56	86.74	33.20

To be continued

Continued

YV2VYT083KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	51.92	7.07	61.25	8.74	70.40	10.41	75.06	11.22	80.10	11.99	89.23	13.79	98.36	15.48
	0	51.92	7.13	61.25	8.80	70.40	10.49	75.06	11.31	80.10	12.10	89.23	13.90	98.36	15.61
	5	51.92	7.24	61.25	8.91	70.40	10.62	75.06	11.44	80.10	12.25	89.23	14.05	98.36	15.79
	10	51.92	7.65	61.25	9.36	70.40	11.12	75.06	12.02	80.10	12.90	89.23	14.74	98.36	16.58
	15	51.92	8.05	61.25	9.79	70.40	11.63	75.06	12.60	80.10	13.54	89.23	15.42	98.36	17.35
	20	51.92	8.48	61.25	10.30	70.40	12.25	75.06	13.30	80.10	14.57	89.23	17.24	98.36	20.11
	25	51.92	9.43	61.25	11.95	70.40	14.67	75.06	16.13	80.10	17.65	89.23	20.89	96.49	23.56
	30	51.92	11.33	61.25	14.33	70.40	17.59	75.06	19.32	80.10	21.12	89.23	25.06	93.38	26.35
	35	51.92	13.47	61.25	16.99	70.40	20.86	75.06	22.92	80.10	25.06	88.19	28.92	90.06	29.13
	41	51.92	15.51	61.25	19.66	70.40	24.21	75.06	25.06	80.10	29.13	84.87	31.49	85.91	31.70
	43	51.92	17.29	61.25	20.89	70.40	25.92	75.06	27.85	80.10	29.78	82.59	30.42	84.04	32.56
80%	-5	46.15	6.19	54.45	7.58	62.58	8.93	66.72	9.68	70.97	10.39	79.27	11.93	87.77	13.38
	0	46.15	6.25	54.45	7.65	62.58	9.02	66.72	9.77	70.97	10.49	79.27	12.04	87.77	13.51
	5	46.15	6.36	54.45	7.75	62.58	9.15	66.72	9.90	70.97	10.65	79.27	12.19	87.77	13.69
	10	46.15	6.66	54.45	8.14	62.58	9.64	66.72	10.41	70.97	11.20	79.27	12.79	87.77	14.39
	15	46.15	6.98	54.45	8.50	62.58	10.11	66.72	10.92	70.97	11.74	79.27	13.41	87.77	15.10
	20	46.15	7.35	54.45	8.95	62.58	10.62	66.72	11.46	70.97	12.36	79.27	14.39	87.77	17.46
	25	46.15	7.99	54.45	10.07	62.58	12.36	66.72	13.54	70.97	14.80	79.27	17.46	87.77	21.85
	30	46.15	9.64	54.45	12.10	62.58	14.80	66.72	16.26	70.97	17.74	79.27	20.89	87.77	24.21
	35	46.15	11.46	54.45	14.39	62.58	17.59	66.72	19.30	70.97	21.06	79.27	24.85	87.77	28.70
	41	46.15	13.52	54.45	16.58	62.58	20.31	66.72	22.36	70.97	24.63	79.27	28.92	83.83	31.27
	43	46.15	15.74	54.45	18.10	62.58	21.61	66.72	24.42	70.97	26.99	79.27	29.78	79.68	32.13
70%	-5	40.38	5.25	47.64	6.40	54.76	7.58	58.38	8.18	62.04	8.82	69.51	10.11	76.78	8.01
	0	40.38	5.31	47.64	6.47	54.76	7.67	58.38	8.27	62.04	8.93	69.51	10.22	76.78	8.14
	5	40.38	5.42	47.64	6.58	54.76	7.80	58.38	8.40	62.04	9.08	69.51	10.37	76.78	8.31
	10	40.38	5.68	47.64	6.90	54.76	8.20	58.38	8.85	62.04	9.53	69.51	10.88	76.78	12.27
	15	40.38	5.96	47.64	7.24	54.76	8.61	58.38	9.30	62.04	9.96	69.51	11.40	76.78	12.85
	20	40.38	6.25	47.64	7.63	54.76	9.06	58.38	9.77	62.04	10.52	69.51	12.02	76.78	13.69
	25	40.38	6.64	47.64	8.33	54.76	10.18	58.38	11.16	62.04	12.19	69.51	14.33	76.78	16.58
	30	40.38	8.03	47.64	10.05	54.76	12.25	58.38	13.41	62.04	14.59	69.51	17.16	76.78	19.84
	35	40.38	9.60	47.64	11.95	54.76	14.52	58.38	15.92	62.04	17.31	69.51	20.35	76.78	23.56
	41	40.38	10.95	47.64	13.54	54.76	16.77	58.38	18.06	62.04	20.05	69.51	23.56	76.78	27.42
	43	40.38	11.63	47.64	14.27	54.76	18.64	58.38	20.16	62.04	21.68	69.51	25.71	76.78	29.99
60%	-5	34.61	4.32	40.84	5.31	46.94	6.25	50.04	6.83	53.54	7.26	59.55	8.31	65.78	9.36
	0	34.61	4.39	40.84	5.37	46.94	6.34	50.04	6.92	53.54	7.37	59.55	8.42	65.78	9.49
	5	34.61	4.50	40.84	5.48	46.94	6.47	50.04	7.05	53.54	7.52	59.55	8.57	65.78	9.66
	10	34.61	4.73	40.84	5.74	46.94	6.81	50.04	7.35	53.54	7.90	59.55	9.02	65.78	10.18
	15	34.61	4.97	40.84	6.02	46.94	7.15	50.04	7.73	53.54	8.27	59.55	9.47	65.78	10.69
	20	34.61	5.21	40.84	6.32	46.94	7.48	50.04	8.10	53.54	8.72	59.55	9.96	65.78	11.22
	25	34.61	5.48	40.84	6.75	46.94	8.20	50.04	8.95	53.54	9.77	59.55	11.44	65.78	13.20
	30	34.61	6.53	40.84	8.16	46.94	9.90	50.04	10.80	53.54	11.74	59.55	13.71	65.78	15.83
	35	34.61	7.82	40.84	9.73	46.94	11.74	50.04	12.83	53.54	13.95	59.55	16.26	65.78	18.79
	41	34.61	8.91	40.84	11.05	46.94	13.47	50.04	14.74	53.54	16.07	59.55	18.81	65.78	21.79
	43	34.61	9.73	40.84	11.29	46.94	14.69	50.04	16.47	53.54	17.59	59.55	20.22	65.78	23.82
50%	-5	28.84	3.47	34.03	4.32	39.11	4.99	41.70	5.29	44.41	5.74	49.59	6.64	54.78	7.45
	0	28.84	3.53	34.03	4.39	39.11	5.07	41.70	5.37	44.41	5.85	49.59	6.75	54.78	7.58
	5	28.84	3.64	34.03	4.50	39.11	5.21	41.70	5.51	44.41	6.00	49.59	6.90	54.78	7.75
	10	28.84	3.81	34.03	4.63	39.11	5.48	41.70	5.89	44.41	6.32	49.59	7.24	54.78	8.16
	15	28.84	3.98	34.03	4.76	39.11	5.74	41.70	6.19	44.41	6.66	49.59	7.58	54.78	8.57
	20	28.84	4.18	34.03	5.10	39.11	6.02	41.70	6.49	44.41	6.98	49.59	7.99	54.78	9.02
	25	28.84	4.41	34.03	5.33	39.11	6.36	41.70	6.94	44.41	7.56	49.59	8.80	54.78	10.13
	30	28.84	5.16	34.03	6.40	39.11	7.69	41.70	8.40	44.41	9.13	49.59	10.65	54.78	12.19
	35	28.84	6.23	34.03	7.65	39.11	9.21	41.70	10.00	44.41	10.86	49.59	12.62	54.78	14.46
	41	28.84	7.07	34.03	8.14	39.11	10.52	41.70	11.46	44.41	12.45	49.59	14.50	54.78	16.67
	43	28.84	7.90	34.03	8.95	39.11	11.52	41.70	12.49	44.41	13.47	49.59	15.83	54.78	18.21

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 31. Cooling capacity YV2VYT087KAS-D-X

YV2VYT087KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	79.52	11.83	93.90	14.52	108.17	17.12	115.51	19.42	120.16	18.88	123.68	17.12	125.95	15.32
	0	79.52	11.89	93.90	14.58	108.17	17.21	115.51	19.51	120.16	18.99	123.68	17.23	125.95	15.44
	5	79.52	12.00	93.90	14.69	108.17	17.33	115.51	19.63	120.16	19.14	123.68	17.38	125.95	15.61
	10	79.52	12.64	93.90	15.39	108.17	18.20	115.51	19.60	116.65	19.23	119.34	18.35	122.44	17.45
	15	79.52	13.28	93.90	16.12	108.17	19.05	111.58	19.57	113.13	19.35	115.51	19.32	118.92	19.41
	20	79.52	14.00	93.90	17.99	107.03	21.93	108.17	22.04	109.31	22.15	112.00	22.37	114.99	22.58
	25	79.52	16.98	93.90	21.76	103.10	24.90	104.24	25.01	105.79	25.11	108.58	25.32	111.48	25.64
	30	79.52	20.14	93.90	26.03	99.59	28.06	100.72	28.06	102.27	28.06	104.65	28.28	107.96	29.33
	35	79.52	24.16	93.17	30.49	96.07	30.91	97.21	31.02	98.45	31.23	101.14	31.44	104.14	31.86
	41	79.52	27.22	90.07	32.60	92.55	33.02	93.79	33.23	95.35	33.45	97.62	34.08	100.93	34.39
	43	79.52	29.54	87.90	33.66	90.28	34.18	91.83	34.82	93.38	35.24	95.66	35.75	98.65	36.80
120%	-5	73.42	10.99	86.56	13.14	100.00	14.76	106.20	16.76	114.27	18.19	120.89	18.45	123.58	17.00
	0	73.42	11.06	86.56	13.21	100.00	14.84	106.20	16.85	114.27	18.29	120.89	18.56	123.58	17.13
	5	73.42	11.16	86.56	13.31	100.00	14.97	106.20	16.98	114.27	18.44	120.89	18.71	123.58	17.30
	10	73.42	11.46	86.56	14.00	100.00	16.54	106.20	17.84	112.72	19.14	117.48	18.99	120.06	18.17
	15	73.42	12.03	86.56	14.69	100.00	17.41	106.20	18.71	111.58	19.63	113.96	19.28	116.54	19.03
	20	73.42	12.64	86.56	15.91	100.00	19.78	106.20	21.83	107.75	22.01	110.03	22.19	112.72	22.40
	25	73.42	15.08	86.56	19.28	100.00	23.91	102.69	24.90	104.24	24.90	106.62	25.22	109.20	25.32
	30	73.42	17.69	86.56	23.05	97.62	27.64	99.17	27.85	100.72	27.96	102.69	28.28	105.27	28.49
	35	73.42	21.43	86.56	27.35	94.10	30.70	95.66	30.81	96.90	31.02	99.17	31.23	101.76	31.65
	41	73.42	24.48	86.56	31.86	90.59	32.60	91.83	32.71	93.38	32.71	95.66	34.08	98.24	34.08
	43	73.42	26.27	86.56	33.45	88.73	33.66	89.86	34.18	91.00	34.82	93.38	35.45	96.28	35.91
110%	-5	67.22	9.63	79.52	11.83	91.42	14.00	97.21	15.22	103.52	16.22	119.03	19.49	122.03	18.30
	0	67.22	9.69	79.52	11.89	91.42	14.08	97.21	15.31	103.52	16.33	119.03	19.60	122.03	18.43
	5	67.22	9.80	79.52	12.00	91.42	14.21	97.21	15.44	103.52	16.48	119.03	19.75	122.03	18.60
	10	67.22	10.31	79.52	12.61	91.42	14.94	97.21	16.12	103.52	17.30	115.51	19.63	118.10	18.92
	15	67.22	10.80	79.52	13.22	91.42	15.66	97.21	16.80	103.52	18.13	111.58	19.53	114.27	19.23
	20	67.22	11.38	79.52	13.93	91.42	17.30	97.21	19.05	103.52	20.93	108.17	22.04	110.75	22.22
	25	67.22	13.28	79.52	16.90	91.42	20.93	97.21	24.84	100.72	25.95	103.10	26.17	105.69	26.48
	30	67.22	15.94	79.52	20.25	91.42	25.11	97.21	27.43	98.03	27.75	100.72	28.06	103.31	28.28
	35	67.22	18.87	79.52	24.02	91.42	29.75	93.79	30.60	94.93	30.70	97.21	31.02	99.79	31.34
	41	67.22	21.90	79.52	27.99	88.73	33.02	90.28	33.23	91.42	33.02	93.38	33.76	96.28	34.39
	43	67.22	23.74	79.52	29.86	86.35	32.81	88.31	33.66	89.45	34.61	91.42	35.03	94.00	35.77
100%	-5	61.12	8.94	72.08	10.53	82.83	12.64	86.70	13.50	94.10	14.43	105.07	16.47	119.65	19.45
	0	61.12	9.01	72.08	10.59	82.83	12.72	86.70	13.59	94.10	14.54	105.07	16.57	119.65	19.58
	5	61.12	9.12	72.08	10.70	82.83	12.85	86.70	13.72	94.10	14.69	105.07	16.72	119.65	19.75
	10	61.12	9.19	72.08	11.24	82.83	13.31	86.70	14.39	94.10	15.44	105.07	17.59	115.82	19.63
	15	61.12	9.62	72.08	11.77	82.83	13.97	86.70	15.08	94.10	16.18	105.07	18.44	111.89	19.53
	20	61.12	10.13	72.08	12.39	82.83	14.94	86.70	16.48	94.10	18.06	105.07	21.43	108.37	22.04
	25	61.12	11.55	72.08	14.69	82.83	18.13	86.70	19.96	94.10	21.86	102.69	24.79	104.86	25.01
	30	61.12	13.82	72.08	17.59	82.83	21.68	86.70	23.87	94.10	25.95	98.86	27.75	100.93	28.06
	35	61.12	16.48	72.08	20.89	82.83	25.74	86.70	26.16	93.38	30.49	95.35	30.81	97.41	31.02
	41	61.12	19.05	72.08	24.01	82.83	29.90	86.10	31.63	89.86	33.23	91.83	33.45	94.00	33.76
	43	61.12	20.89	72.08	25.93	82.83	31.74	85.50	32.87	87.49	33.66	89.86	34.39	92.04	35.03

To be continued

Continued

YV2VYT087KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	55.00	7.47	64.87	9.23	74.55	10.99	78.03	11.86	84.80	12.67	94.52	14.57	104.45	16.36
	0	55.00	7.53	64.87	9.29	74.55	11.08	78.03	11.94	84.80	12.77	94.52	14.67	104.45	16.49
	5	55.00	7.64	64.87	9.40	74.55	11.20	78.03	12.07	84.80	12.92	94.52	14.82	104.45	16.66
	10	55.00	8.07	64.87	9.88	74.55	11.73	78.03	12.67	84.80	13.61	94.52	15.55	104.45	17.49
	15	55.00	8.50	64.87	10.33	74.55	12.27	78.03	13.28	84.80	14.29	94.52	16.27	104.45	18.31
	20	55.00	8.95	64.87	10.88	74.55	12.92	78.03	14.03	84.80	15.36	94.52	18.20	104.45	21.22
	25	55.00	9.95	64.87	12.61	74.55	15.48	78.03	17.02	84.80	18.63	94.52	22.04	102.48	24.79
	30	55.00	11.95	64.87	15.12	74.55	18.56	78.03	20.38	84.80	22.29	94.52	26.48	99.07	27.75
	35	55.00	14.21	64.87	17.91	74.55	22.01	78.03	24.16	84.80	26.48	93.38	30.49	95.55	30.70
	41	55.00	16.36	64.87	20.75	74.55	25.53	78.03	26.38	84.80	30.70	89.86	33.13	91.21	33.45
	43	55.00	18.24	64.87	22.04	74.55	27.33	78.03	29.44	84.80	31.34	87.49	32.18	89.24	34.39
80%	-5	48.89	6.54	57.66	8.02	66.27	9.44	69.36	10.23	75.08	10.98	83.97	12.59	93.17	14.13
	0	48.89	6.60	57.66	8.08	66.27	9.53	69.36	10.32	75.08	11.09	83.97	12.70	93.17	14.26
	5	48.89	6.71	57.66	8.19	66.27	9.65	69.36	10.44	75.08	11.24	83.97	12.85	93.17	14.43
	10	48.89	7.04	57.66	8.59	66.27	10.16	69.36	10.98	75.08	11.82	83.97	13.49	93.17	15.18
	15	48.89	7.36	57.66	8.98	66.27	10.67	69.36	11.52	75.08	12.39	83.97	14.15	93.17	15.94
	20	48.89	7.75	57.66	9.44	66.27	11.20	69.36	12.09	75.08	13.04	83.97	15.18	93.17	18.42
	25	48.89	8.43	57.66	10.62	66.27	13.04	69.36	14.29	75.08	15.61	83.97	18.42	93.17	23.05
	30	48.89	10.16	57.66	12.78	66.27	15.61	69.36	17.16	75.08	18.71	83.97	22.04	93.17	25.64
	35	48.89	12.09	57.66	15.18	66.27	18.56	69.36	20.36	75.08	22.22	83.97	26.17	93.17	30.28
	41	48.89	14.25	57.66	17.49	66.27	21.43	69.36	23.59	75.08	25.95	83.97	30.49	88.93	33.02
	43	48.89	16.62	57.66	19.10	66.27	22.80	69.36	25.74	75.08	28.49	83.97	31.44	84.59	33.87
70%	-5	42.78	5.54	50.45	6.76	57.98	8.01	60.69	8.65	65.77	9.32	73.53	10.68	81.49	8.47
	0	42.78	5.60	50.45	6.82	57.98	8.09	60.69	8.73	65.77	9.43	73.53	10.79	81.49	8.60
	5	42.78	5.71	50.45	6.93	57.98	8.22	60.69	8.86	65.77	9.58	73.53	10.94	81.49	8.77
	10	42.78	5.99	50.45	7.28	57.98	8.65	60.69	9.34	65.77	10.05	73.53	11.49	81.49	12.96
	15	42.78	6.28	50.45	7.64	57.98	9.08	60.69	9.80	65.77	10.52	73.53	12.03	81.49	13.57
	20	42.78	6.60	50.45	8.04	57.98	9.56	60.69	10.31	65.77	11.10	73.53	12.67	81.49	14.43
	25	42.78	7.01	50.45	8.79	57.98	10.73	60.69	11.77	65.77	12.85	73.53	15.12	81.49	17.49
	30	42.78	8.47	50.45	10.59	57.98	12.92	60.69	14.15	65.77	15.39	73.53	18.09	81.49	20.93
	35	42.78	10.13	50.45	12.61	57.98	15.33	60.69	16.80	65.77	18.26	73.53	21.47	81.49	24.90
	41	42.78	11.55	50.45	14.29	57.98	17.69	60.69	19.05	65.77	21.15	73.53	24.90	81.49	28.91
	43	42.78	12.27	50.45	15.05	57.98	19.67	60.69	21.27	65.77	22.87	73.53	27.11	81.49	31.65
60%	-5	36.67	4.57	43.25	5.61	49.70	6.61	52.02	7.22	56.77	7.68	63.08	8.79	69.80	9.89
	0	36.67	4.63	43.25	5.67	49.70	6.70	52.02	7.31	56.77	7.78	63.08	8.89	69.80	10.02
	5	36.67	4.74	43.25	5.78	49.70	6.83	52.02	7.44	56.77	7.93	63.08	9.04	69.80	10.19
	10	36.67	4.99	43.25	6.07	49.70	7.18	52.02	7.75	56.77	8.33	63.08	9.52	69.80	10.73
	15	36.67	5.24	43.25	6.35	49.70	7.54	52.02	8.16	56.77	8.73	63.08	9.98	69.80	11.28
	20	36.67	5.50	43.25	6.67	49.70	7.89	52.02	8.55	56.77	9.19	63.08	10.52	69.80	11.85
	25	36.67	5.78	43.25	7.11	49.70	8.65	52.02	9.44	56.77	10.31	63.08	12.07	69.80	13.93
	30	36.67	6.89	43.25	8.61	49.70	10.44	52.02	11.38	56.77	12.39	63.08	14.46	69.80	16.70
	35	36.67	8.25	43.25	10.27	49.70	12.39	52.02	13.54	56.77	14.72	63.08	17.16	69.80	19.81
	41	36.67	9.40	43.25	11.67	49.70	14.21	52.02	15.55	56.77	16.94	63.08	19.85	69.80	22.98
	43	36.67	10.27	43.25	11.91	49.70	15.51	52.02	17.38	56.77	18.56	63.08	21.33	69.80	25.13
50%	-5	30.56	3.67	36.04	4.57	41.42	5.28	43.35	5.60	47.05	6.06	52.53	7.02	58.12	7.89
	0	30.56	3.73	36.04	4.63	41.42	5.37	43.35	5.69	47.05	6.17	52.53	7.13	58.12	8.02
	5	30.56	3.84	36.04	4.74	41.42	5.50	43.35	5.81	47.05	6.32	52.53	7.28	58.12	8.19
	10	30.56	4.02	36.04	4.88	41.42	5.78	43.35	6.21	47.05	6.67	52.53	7.64	58.12	8.61
	15	30.56	4.20	36.04	5.02	41.42	6.07	43.35	6.53	47.05	7.04	52.53	8.01	58.12	9.04
	20	30.56	4.41	36.04	5.38	41.42	6.35	43.35	6.86	47.05	7.36	52.53	8.43	58.12	9.52
	25	30.56	4.66	36.04	5.63	41.42	6.71	43.35	7.32	47.05	7.98	52.53	9.29	58.12	10.70
	30	30.56	5.45	36.04	6.75	41.42	8.11	43.35	8.86	47.05	9.62	52.53	11.24	58.12	12.85
	35	30.56	6.57	36.04	8.07	41.42	9.73	43.35	10.55	47.05	11.46	52.53	13.31	58.12	15.26
	41	30.56	7.46	36.04	8.59	41.42	11.10	43.35	12.09	47.05	13.14	52.53	15.30	58.12	17.59
	43	30.56	8.33	36.04	9.44	41.42	12.16	43.35	13.18	47.05	14.21	52.53	16.70	58.12	19.21

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 32. Cooling capacity YV2VYT090KAS-D-X

YV2VYT090KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	83.93	12.45	99.19	15.28	114.25	18.03	121.88	20.44	126.83	19.88	130.54	18.03	133.22	16.13
	0	83.93	12.51	99.19	15.34	114.25	18.11	121.88	20.53	126.83	19.99	130.54	18.13	133.22	16.26
	5	83.93	12.62	99.19	15.45	114.25	18.24	121.88	20.65	126.83	20.13	130.54	18.28	133.22	16.43
	10	83.93	13.30	99.19	16.20	114.25	19.16	121.88	20.63	123.11	20.24	126.00	19.30	129.51	18.36
	15	83.93	13.97	99.19	16.97	114.25	20.05	117.75	20.59	119.40	20.36	121.88	20.32	125.80	20.43
	20	83.93	14.74	99.19	18.93	113.01	23.07	114.25	23.19	115.48	23.30	118.17	23.53	121.67	23.76
	25	83.93	17.86	99.19	22.88	108.89	26.23	110.12	26.23	111.77	26.44	114.66	26.65	117.96	27.07
	30	83.93	21.20	99.19	27.42	105.17	29.57	106.41	29.57	108.06	29.57	110.54	29.77	114.25	30.81
	35	83.93	25.40	98.37	32.06	101.46	32.48	102.70	32.69	103.94	32.90	106.82	33.11	110.12	33.52
	41	83.93	28.73	95.07	34.35	97.75	34.77	98.99	34.98	100.64	35.19	103.11	35.81	106.82	36.23
	43	83.93	31.02	92.80	35.40	95.27	36.02	96.92	36.64	98.57	37.06	101.05	37.60	104.35	38.14
120%	-5	77.54	11.58	91.36	13.84	105.59	15.55	112.18	17.65	120.64	19.15	127.65	19.42	130.74	17.90
	0	77.54	11.64	91.36	13.91	105.59	15.64	112.18	17.74	120.64	19.26	127.65	19.53	130.74	18.03
	5	77.54	11.74	91.36	14.01	105.59	15.76	112.18	17.86	120.64	19.41	127.65	19.68	130.74	18.20
	10	77.54	12.06	91.36	14.74	105.59	17.41	112.18	18.78	118.99	20.13	123.94	19.99	127.03	19.11
	15	77.54	12.66	91.36	15.45	105.59	18.32	112.18	19.68	117.75	20.65	120.23	20.28	123.32	20.03
	20	77.54	13.30	91.36	16.74	105.59	20.82	112.18	22.97	113.83	23.15	116.10	23.34	119.20	23.57
	25	77.54	15.87	91.36	20.28	105.59	25.15	108.47	26.23	110.12	26.23	112.60	26.44	115.48	26.65
	30	77.54	18.61	91.36	24.26	103.11	29.15	104.76	29.36	106.41	29.36	108.47	29.77	111.36	29.98
	35	77.54	22.55	91.36	28.77	99.40	32.27	101.05	32.48	102.29	32.69	104.76	32.90	107.65	33.31
	41	77.54	25.82	91.36	33.52	95.69	34.35	96.92	34.35	98.57	34.35	101.05	35.81	103.94	35.81
	43	77.54	27.69	91.36	35.19	93.62	35.40	94.86	36.02	96.10	36.64	98.57	37.27	101.87	37.79
110%	-5	70.94	10.14	83.93	12.45	96.51	14.74	102.70	16.03	109.30	17.09	125.59	20.53	129.10	19.28
	0	70.94	10.20	83.93	12.51	96.51	14.82	102.70	16.11	109.30	17.20	125.59	20.63	129.10	19.40
	5	70.94	10.31	83.93	12.62	96.51	14.95	102.70	16.24	109.30	17.34	125.59	20.78	129.10	19.57
	10	70.94	10.85	83.93	13.26	96.51	15.72	102.70	16.97	109.30	18.20	121.88	20.65	124.97	19.90
	15	70.94	11.37	83.93	13.91	96.51	16.47	102.70	17.68	109.30	19.07	117.75	20.55	120.85	20.24
	20	70.94	11.97	83.93	14.66	96.51	18.20	102.70	20.05	109.30	22.03	114.25	23.19	117.13	23.38
	25	70.94	13.97	83.93	17.78	96.51	22.03	102.70	26.13	106.41	27.28	108.89	27.48	111.77	27.90
	30	70.94	16.78	83.93	21.30	96.51	26.44	102.70	28.94	103.52	29.15	106.41	29.57	109.30	29.77
	35	70.94	19.86	83.93	25.28	96.51	31.23	98.99	32.27	100.22	32.27	102.70	32.69	105.59	32.90
	41	70.94	23.05	83.93	29.42	93.62	34.77	95.27	34.98	96.51	34.77	98.57	35.60	101.87	36.23
	43	70.94	24.99	83.93	31.44	91.15	34.56	93.21	35.40	94.45	36.44	96.51	36.85	99.40	37.69
100%	-5	64.55	9.43	76.10	11.10	87.44	13.30	90.00	14.22	99.40	15.20	110.95	17.34	126.62	20.49
	0	64.55	9.49	76.10	11.16	87.44	13.39	90.00	14.30	99.40	15.30	110.95	17.45	126.62	20.61
	5	64.55	9.60	76.10	11.26	87.44	13.51	90.00	14.43	99.40	15.45	110.95	17.59	126.62	20.78
	10	64.55	9.66	76.10	11.83	87.44	14.01	90.00	15.14	99.40	16.24	110.95	18.51	122.50	20.65
	15	64.55	10.12	76.10	12.39	87.44	14.70	90.00	15.87	99.40	17.03	110.95	19.41	118.37	20.55
	20	64.55	10.66	76.10	13.03	87.44	15.72	90.00	17.34	99.40	19.01	110.95	22.55	114.66	23.19
	25	64.55	12.16	76.10	15.45	87.44	19.07	90.00	21.01	99.40	23.01	108.47	26.03	110.95	26.23
	30	64.55	14.53	76.10	18.51	87.44	22.82	90.00	25.11	99.40	27.28	104.35	29.15	106.82	29.57
	35	64.55	17.34	76.10	21.99	87.44	27.09	90.00	27.90	98.57	32.06	100.64	32.48	103.11	32.69
	41	64.55	20.05	76.10	25.32	87.44	31.46	89.60	33.31	94.86	34.98	96.92	35.19	99.40	35.60
	43	64.55	21.99	76.10	27.23	87.44	33.40	89.00	34.56	92.39	35.40	94.86	36.23	97.34	36.85

To be continued

Continued

YV2VYT090KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	58.09	7.87	68.49	9.72	78.69	11.57	81.00	12.49	89.50	13.34	99.81	15.34	110.54	17.24
	0	58.09	7.93	68.49	9.79	78.69	11.66	81.00	12.57	89.50	13.45	99.81	15.45	110.54	17.36
	5	58.09	8.04	68.49	9.89	78.69	11.78	81.00	12.70	89.50	13.60	99.81	15.59	110.54	17.53
	10	58.09	8.49	68.49	10.39	78.69	12.35	81.00	13.33	89.50	14.32	99.81	16.37	110.54	18.41
	15	58.09	8.95	68.49	10.87	78.69	12.91	81.00	13.97	89.50	15.03	99.81	17.11	110.54	19.26
	20	58.09	9.41	68.49	11.45	78.69	13.60	81.00	14.76	89.50	16.16	99.81	19.16	110.54	22.32
	25	58.09	10.47	68.49	13.26	78.69	16.28	81.00	17.91	89.50	19.61	99.81	23.19	108.47	26.03
	30	58.09	12.58	68.49	15.91	78.69	19.53	81.00	21.45	89.50	23.47	99.81	27.90	104.76	29.15
	35	58.09	14.95	68.49	18.84	78.69	23.15	81.00	25.40	89.50	27.90	98.57	32.06	101.05	32.27
	41	58.09	17.22	68.49	21.84	78.69	26.86	81.00	27.69	89.50	32.27	94.86	34.77	96.51	35.19
	43	58.09	19.20	68.49	23.19	78.69	28.73	81.00	31.02	89.50	32.90	92.39	33.94	94.45	36.23
80%	-5	51.64	6.89	60.88	8.45	69.95	9.95	72.00	10.78	79.19	11.57	88.68	13.26	98.57	14.88
	0	51.64	6.95	60.88	8.51	69.95	10.03	72.00	10.87	79.19	11.68	88.68	13.37	98.57	15.01
	5	51.64	7.06	60.88	8.62	69.95	10.16	72.00	10.99	79.19	11.83	88.68	13.51	98.57	15.18
	10	51.64	7.41	60.88	9.04	69.95	10.68	72.00	11.56	79.19	12.43	88.68	14.20	98.57	15.97
	15	51.64	7.75	60.88	9.45	69.95	11.22	72.00	12.12	79.19	13.03	88.68	14.89	98.57	16.78
	20	51.64	8.16	60.88	9.93	69.95	11.78	72.00	12.72	79.19	13.72	88.68	15.97	98.57	19.38
	25	51.64	8.87	60.88	11.18	69.95	13.72	72.00	15.03	79.19	16.43	88.68	19.38	98.57	24.26
	30	51.64	10.68	60.88	13.45	69.95	16.43	72.00	18.05	79.19	19.68	88.68	23.19	98.57	27.07
	35	51.64	12.72	60.88	15.97	69.95	19.53	72.00	21.42	79.19	23.38	88.68	27.48	98.57	31.86
	41	51.64	14.99	60.88	18.41	69.95	22.55	72.00	24.82	79.19	27.28	88.68	32.06	94.04	34.77
	43	51.64	17.49	60.88	20.09	69.95	23.99	72.00	27.07	79.19	29.98	88.68	33.11	89.50	35.60
70%	-5	45.18	5.83	53.27	7.12	61.21	8.43	63.00	9.12	69.50	9.83	77.54	11.26	86.20	8.93
	0	45.18	5.89	53.27	7.18	61.21	8.51	63.00	9.20	69.50	9.93	77.54	11.37	86.20	9.06
	5	45.18	6.00	53.27	7.29	61.21	8.64	63.00	9.33	69.50	10.08	77.54	11.51	86.20	9.22
	10	45.18	6.31	53.27	7.66	61.21	9.10	63.00	9.83	69.50	10.58	77.54	12.10	86.20	13.64
	15	45.18	6.60	53.27	8.04	61.21	9.56	63.00	10.31	69.50	11.08	77.54	12.66	86.20	14.28
	20	45.18	6.95	53.27	8.45	61.21	10.06	63.00	10.85	69.50	11.68	77.54	13.33	86.20	15.18
	25	45.18	7.37	53.27	9.24	61.21	11.28	63.00	12.39	69.50	13.51	77.54	15.91	86.20	18.41
	30	45.18	8.91	53.27	11.14	61.21	13.60	63.00	14.89	69.50	16.20	77.54	19.03	86.20	22.03
	35	45.18	10.66	53.27	13.26	61.21	16.14	63.00	17.68	69.50	19.22	77.54	22.59	86.20	26.23
	41	45.18	12.16	53.27	15.03	61.21	18.61	63.00	20.05	69.50	22.26	77.54	26.23	86.20	30.40
	43	45.18	12.91	53.27	15.82	61.21	20.70	63.00	22.38	69.50	24.07	77.54	28.52	86.20	33.31
60%	-5	38.73	4.81	45.66	5.91	52.46	6.97	54.00	7.62	60.01	8.10	66.61	9.26	73.83	10.43
	0	38.73	4.87	45.66	5.97	52.46	7.06	54.00	7.70	60.01	8.20	66.61	9.37	73.83	10.55
	5	38.73	4.98	45.66	6.08	52.46	7.18	54.00	7.83	60.01	8.35	66.61	9.52	73.83	10.72
	10	38.73	5.25	45.66	6.39	52.46	7.56	54.00	8.16	60.01	8.77	66.61	10.01	73.83	11.28
	15	38.73	5.52	45.66	6.68	52.46	7.93	54.00	8.58	60.01	9.18	66.61	10.49	73.83	11.87
	20	38.73	5.79	45.66	7.02	52.46	8.31	54.00	8.99	60.01	9.66	66.61	11.08	73.83	12.47
	25	38.73	6.08	45.66	7.47	52.46	9.10	54.00	9.93	60.01	10.85	66.61	12.70	73.83	14.66
	30	38.73	7.25	45.66	9.06	52.46	10.99	54.00	11.97	60.01	13.03	66.61	15.22	73.83	17.57
	35	38.73	8.68	45.66	10.81	52.46	13.03	54.00	14.24	60.01	15.49	66.61	18.05	73.83	20.84
	41	38.73	9.89	45.66	12.28	52.46	14.95	54.00	16.37	60.01	17.82	66.61	20.88	73.83	24.17
	43	38.73	10.81	45.66	12.53	52.46	16.32	54.00	18.28	60.01	19.53	66.61	22.44	73.83	26.44
50%	-5	32.27	3.87	38.05	4.81	43.72	5.58	45.00	5.91	49.70	6.39	55.47	7.41	61.45	8.33
	0	32.27	3.93	38.05	4.87	43.72	5.66	45.00	6.00	49.70	6.50	55.47	7.52	61.45	8.45
	5	32.27	4.04	38.05	4.98	43.72	5.79	45.00	6.12	49.70	6.64	55.47	7.66	61.45	8.62
	10	32.27	4.23	38.05	5.14	43.72	6.08	45.00	6.54	49.70	7.02	55.47	8.04	61.45	9.06
	15	32.27	4.41	38.05	5.29	43.72	6.39	45.00	6.87	49.70	7.41	55.47	8.43	61.45	9.52
	20	32.27	4.64	38.05	5.66	43.72	6.68	45.00	7.22	49.70	7.75	55.47	8.87	61.45	10.01
	25	32.27	4.91	38.05	5.93	43.72	7.06	45.00	7.70	49.70	8.39	55.47	9.79	61.45	11.26
	30	32.27	5.75	38.05	7.10	43.72	8.54	45.00	9.33	49.70	10.12	55.47	11.83	61.45	13.51
	35	32.27	6.91	38.05	8.49	43.72	10.24	45.00	11.10	49.70	12.06	55.47	14.01	61.45	16.05
	41	32.27	7.85	38.05	9.04	43.72	11.68	45.00	12.72	49.70	13.83	55.47	16.09	61.45	18.51
	43	32.27	8.77	38.05	9.93	43.72	12.80	45.00	13.87	49.70	14.95	55.47	17.57	61.45	20.22

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 33. Cooling capacity YV2VYT100KAS-D-X

YV2VYT100KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	89.58	13.54	105.61	16.41	121.64	19.05	129.30	21.39	133.96	20.96	137.06	18.99	140.06	17.86
	0	89.58	13.63	105.61	16.51	121.64	19.18	129.30	21.52	133.96	21.12	137.06	19.15	140.06	18.05
	5	89.58	13.79	105.61	16.67	121.64	19.37	129.30	21.71	133.96	21.35	137.06	19.37	140.06	18.31
	10	89.58	14.22	105.61	17.16	121.64	20.15	130.13	21.64	131.26	21.26	134.37	20.31	137.37	19.34
	15	89.58	14.88	105.61	17.94	121.64	21.05	126.81	21.61	128.16	21.38	130.13	21.45	133.44	21.52
	20	89.58	15.67	105.61	19.93	120.30	24.15	122.88	24.23	122.99	24.37	126.19	24.60	129.09	24.82
	25	89.58	18.85	105.61	23.96	116.37	27.33	118.54	27.46	119.06	27.52	122.26	27.75	124.95	28.07
	30	89.58	22.34	105.61	27.45	112.02	30.49	113.16	30.64	114.92	30.70	115.86	31.01	120.82	31.75
	35	89.58	26.39	104.68	33.33	108.92	33.75	109.23	33.89	110.89	34.00	113.99	34.38	116.78	34.59
	41	89.58	30.27	102.81	35.95	103.96	36.37	105.61	36.48	106.96	36.59	110.06	36.91	112.34	37.22
	43	89.58	32.90	100.75	36.69	101.68	36.91	103.44	37.41	104.58	37.63	107.89	37.93	109.44	38.75
120%	-5	82.96	12.44	97.44	14.76	112.44	16.97	119.68	18.76	127.65	20.20	134.68	20.57	137.47	19.33
	0	82.96	12.53	97.44	14.86	112.44	17.10	119.68	18.88	127.65	20.36	134.68	20.73	137.47	19.52
	5	82.96	12.69	97.44	15.02	112.44	17.29	119.68	19.07	127.65	20.58	134.68	20.96	137.47	19.77
	10	82.96	12.96	97.44	15.67	112.44	18.41	119.68	19.77	126.92	21.16	132.30	21.00	134.78	20.14
	15	82.96	13.58	97.44	16.42	112.44	19.28	119.68	20.69	125.37	21.69	127.95	21.31	130.64	21.25
	20	82.96	14.22	97.44	17.70	112.44	21.83	119.68	24.05	121.23	24.22	123.82	24.41	126.61	24.63
	25	82.96	16.83	97.44	21.31	112.44	26.26	115.75	27.25	117.30	27.33	120.09	27.75	122.47	27.75
	30	82.96	19.85	97.44	25.36	109.65	30.28	111.40	30.47	112.96	30.64	115.33	30.80	118.33	31.12
	35	82.96	23.59	97.44	29.96	106.75	33.43	107.47	33.58	108.92	33.69	111.61	34.06	114.20	34.48
	41	82.96	27.12	97.44	34.59	101.78	36.16	103.64	36.26	105.20	36.26	106.85	36.91	109.65	36.91
	43	82.96	29.63	97.44	36.59	99.72	36.90	101.47	37.09	102.61	37.41	104.37	37.76	107.68	38.00
110%	-5	76.13	11.11	89.37	13.35	103.02	15.67	109.64	17.03	116.37	18.25	132.61	21.44	135.30	20.39
	0	76.13	11.21	89.37	13.45	103.02	15.79	109.64	17.16	116.37	18.41	132.61	21.60	135.30	20.59
	5	76.13	11.37	89.37	13.61	103.02	15.98	109.64	17.35	116.37	18.63	132.61	21.82	135.30	20.84
	10	76.13	11.73	89.37	14.19	103.02	16.68	109.64	17.94	116.37	19.21	129.92	21.71	132.40	20.93
	15	76.13	12.29	89.37	14.85	103.02	17.46	109.64	18.72	116.37	20.08	125.57	21.59	128.37	21.26
	20	76.13	12.88	89.37	15.62	103.02	19.19	109.64	21.08	116.37	23.06	121.64	24.25	124.23	24.44
	25	76.13	14.90	89.37	18.79	103.02	23.06	109.64	26.20	114.19	27.76	116.78	27.97	119.37	28.29
	30	76.13	17.71	89.37	22.35	103.02	27.65	109.64	29.98	110.06	30.36	113.37	30.70	115.95	30.80
	35	76.13	20.89	89.37	26.38	103.02	31.35	105.61	33.29	106.96	33.58	109.23	33.96	111.82	34.38
	41	76.13	24.33	89.37	30.90	100.33	34.30	101.89	36.10	103.02	36.00	104.58	36.49	107.68	36.81
	43	76.13	26.38	89.37	33.21	97.75	35.64	99.71	36.51	100.65	36.93	102.20	37.34	105.20	37.66
100%	-5	68.89	10.14	81.10	11.96	93.40	14.17	100.30	15.68	105.71	16.22	118.13	18.53	135.40	21.36
	0	68.89	10.23	81.10	12.06	93.40	14.30	100.30	15.81	105.71	16.38	118.13	18.69	135.40	21.55
	5	68.89	10.39	81.10	12.22	93.40	14.49	100.30	16.00	105.71	16.60	118.13	18.91	135.40	21.80
	10	68.89	10.54	81.10	12.73	93.40	14.93	100.30	16.07	105.71	17.23	118.13	19.51	132.40	21.69
	15	68.89	11.01	81.10	13.29	93.40	15.64	100.30	16.85	105.71	18.01	118.13	20.41	129.08	21.57
	20	68.89	11.56	81.10	13.96	93.40	16.68	100.30	18.32	105.71	20.02	118.13	23.61	126.19	24.25
	25	68.89	13.06	81.10	16.42	93.40	20.08	100.30	22.04	105.71	24.06	115.33	27.33	121.84	27.44
	30	68.89	15.53	81.10	19.40	93.40	23.87	100.30	26.01	105.71	28.57	111.09	30.38	116.67	30.70
	35	68.89	18.32	81.10	23.00	93.40	28.21	100.30	27.47	104.99	33.29	107.16	33.64	111.71	33.96
	41	68.89	21.30	81.10	26.70	93.40	32.81	99.50	34.38	101.06	35.92	103.23	36.38	105.40	36.07
	43	68.89	23.58	81.10	28.90	93.40	35.19	98.00	35.74	98.47	36.69	101.27	37.01	103.03	37.13

To be continued

Continued

YV2VYT100KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	62.00	8.80	72.99	10.69	84.06	12.54	90.27	13.42	95.58	14.49	106.33	16.31	117.30	18.25
	0	62.00	8.89	72.99	10.79	84.06	12.67	90.27	13.55	95.58	14.65	106.33	16.47	117.30	18.44
	5	62.00	9.05	72.99	10.95	84.06	12.86	90.27	13.74	95.58	14.88	106.33	16.69	117.30	18.70
	10	62.00	9.36	72.99	11.27	84.06	13.23	90.27	14.26	95.58	15.26	106.33	17.32	117.30	19.38
	15	62.00	9.79	72.99	11.78	84.06	13.84	90.27	14.88	95.58	16.00	106.33	18.10	117.30	20.27
	20	62.00	10.27	72.99	12.37	84.06	14.52	90.27	15.71	95.58	17.15	106.33	20.15	117.30	23.39
	25	62.00	11.35	72.99	14.19	84.06	17.27	90.27	18.91	95.58	20.60	106.33	24.23	115.13	27.33
	30	62.00	13.50	72.99	16.87	84.06	20.55	90.27	22.50	95.58	24.54	106.33	28.91	111.30	30.38
	35	62.00	15.90	72.99	19.86	84.06	24.22	90.27	26.55	95.58	28.97	104.99	33.33	107.16	33.64
	41	62.00	18.31	72.99	23.08	84.06	28.07	90.27	30.15	95.58	33.39	100.65	36.27	102.82	36.38
	43	62.00	19.57	72.99	24.83	84.06	30.17	90.27	32.38	95.58	34.29	97.03	35.94	100.64	37.01
80%	-5	55.11	7.76	64.88	9.34	74.72	10.91	80.24	11.85	84.61	12.47	94.54	14.23	104.37	15.62
	0	55.11	7.85	64.88	9.44	74.72	11.04	80.24	11.97	84.61	12.63	94.54	14.39	104.37	15.82
	5	55.11	8.01	64.88	9.60	74.72	11.23	80.24	12.16	84.61	12.85	94.54	14.62	104.37	16.07
	10	55.11	8.24	64.88	9.90	74.72	11.58	80.24	12.59	84.61	13.34	94.54	15.14	104.37	16.94
	15	55.11	8.59	64.88	10.33	74.72	12.13	80.24	13.03	84.61	13.96	94.54	15.85	104.37	17.73
	20	55.11	9.00	64.88	10.80	74.72	12.69	80.24	13.65	84.61	14.64	94.54	16.94	104.37	19.97
	25	55.11	9.72	64.88	12.06	74.72	14.64	80.24	16.00	84.61	17.39	94.54	20.40	104.37	24.36
	30	55.11	11.58	64.88	14.37	74.72	17.39	80.24	19.04	84.61	20.71	94.54	24.25	104.37	28.07
	35	55.11	13.63	64.88	16.92	74.72	20.55	80.24	22.46	84.61	24.44	94.54	28.60	104.37	33.22
	41	55.11	15.72	64.88	19.86	74.72	23.82	80.24	26.07	84.61	28.47	93.51	33.12	99.92	35.75
	43	55.11	17.41	64.88	20.62	74.72	25.57	80.24	28.03	84.61	30.41	91.03	34.38	96.61	36.59
70%	-5	48.22	6.66	56.77	8.01	65.38	9.18	70.21	10.12	73.96	10.67	82.65	12.16	91.44	11.67
	0	48.22	6.76	56.77	8.10	65.38	9.31	70.21	10.25	73.96	10.83	82.65	12.32	91.44	11.86
	5	48.22	6.92	56.77	8.26	65.38	9.50	70.21	10.44	73.96	11.05	82.65	12.54	91.44	12.12
	10	48.22	7.11	56.77	8.51	65.38	9.95	70.21	10.71	73.96	11.46	82.65	12.99	91.44	14.56
	15	48.22	7.44	56.77	8.89	65.38	10.42	70.21	11.18	73.96	11.97	82.65	13.58	91.44	15.24
	20	48.22	7.77	56.77	9.31	65.38	10.92	70.21	11.73	73.96	12.56	82.65	14.26	91.44	16.13
	25	48.22	8.21	56.77	10.12	65.38	12.20	70.21	13.29	73.96	14.45	82.65	16.87	91.44	19.40
	30	48.22	9.78	56.77	12.01	65.38	14.52	70.21	15.83	73.96	17.18	82.65	20.07	91.44	23.08
	35	48.22	11.54	56.77	14.19	65.38	17.11	70.21	18.66	73.96	20.24	82.65	23.65	91.44	27.33
	41	48.22	13.14	56.77	16.31	65.38	19.89	70.21	21.51	73.96	23.52	82.65	27.33	91.44	31.75
	43	48.22	14.05	56.77	17.48	65.38	21.76	70.21	23.70	73.96	25.48	80.17	29.23	90.20	33.86
60%	-5	41.33	5.62	48.66	6.76	56.04	7.81	60.18	8.49	63.51	8.93	70.86	9.94	78.30	11.06
	0	41.33	5.72	48.66	6.85	56.04	7.94	60.18	8.62	63.51	9.09	70.86	10.09	78.30	11.25
	5	41.33	5.88	48.66	7.01	56.04	8.13	60.18	8.81	63.51	9.32	70.86	10.32	78.30	11.51
	10	41.33	6.06	48.66	7.20	56.04	8.38	60.18	9.19	63.51	9.63	70.86	10.90	78.30	12.20
	15	41.33	6.32	48.66	7.51	56.04	8.76	60.18	9.42	63.51	10.06	70.86	11.39	78.30	12.77
	20	41.33	6.60	48.66	7.87	56.04	9.15	60.18	9.85	63.51	10.54	70.86	11.95	78.30	13.37
	25	41.33	6.91	48.66	8.33	56.04	9.95	60.18	10.82	63.51	11.73	70.86	13.62	78.30	15.60
	30	41.33	8.10	48.66	9.93	56.04	13.76	60.18	12.88	63.51	13.91	70.86	16.16	78.30	18.55
	35	41.33	9.53	48.66	11.66	56.04	13.98	60.18	15.19	63.51	16.45	70.86	19.06	78.30	21.87
	41	41.33	10.99	48.66	11.50	56.04	16.05	60.18	16.97	63.51	19.02	70.86	22.13	78.30	25.47
	43	41.33	11.97	48.66	12.18	56.04	17.05	60.18	18.77	63.51	20.74	70.86	23.98	78.30	26.80
50%	-5	34.44	4.66	40.55	5.58	46.70	6.39	50.15	6.83	52.75	7.22	59.06	8.15	65.17	9.11
	0	34.44	4.75	40.55	5.68	46.70	6.52	50.15	6.96	52.75	7.38	59.06	8.31	65.17	9.30
	5	34.44	4.91	40.55	5.84	46.70	6.71	50.15	7.15	52.75	7.60	59.06	8.53	65.17	9.56
	10	34.44	5.04	40.55	5.94	46.70	6.91	50.15	7.38	52.75	7.87	59.06	8.89	65.17	9.93
	15	34.44	5.23	40.55	6.15	46.70	7.18	50.15	7.70	52.75	8.22	59.06	9.27	65.17	10.36
	20	34.44	5.45	40.55	6.47	46.70	7.51	50.15	8.06	52.75	8.61	59.06	9.72	65.17	10.87
	25	34.44	5.71	40.55	6.75	46.70	7.91	50.15	8.55	52.75	9.23	59.06	10.66	65.17	12.14
	30	34.44	6.56	40.55	7.93	46.70	9.40	50.15	10.19	52.75	11.01	59.06	12.68	65.17	14.45
	35	34.44	7.74	40.55	9.36	46.70	11.12	50.15	11.99	52.75	12.96	59.06	14.93	65.17	17.02
	41	34.44	8.93	40.55	10.48	46.70	12.76	50.15	13.82	52.75	14.97	59.06	17.58	65.17	19.86
	43	34.44	9.90	40.55	11.46	46.70	13.87	50.15	15.47	52.75	16.21	59.06	18.80	65.17	21.94

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 34. Cooling capacity YV2VYT104KAS-D-X

YV2VYT104KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	93.99	14.16	110.91	17.18	127.72	19.96	135.67	22.41	140.62	21.96	143.92	19.90	147.32	18.68
	0	93.99	14.26	110.91	17.27	127.72	20.09	135.67	22.54	140.62	22.12	143.92	20.05	147.32	18.87
	5	93.99	14.42	110.91	17.43	127.72	20.27	135.67	22.73	140.62	22.34	143.92	20.27	147.32	19.12
	10	93.99	14.88	110.91	17.97	127.72	21.11	136.49	22.67	137.73	22.27	141.03	21.26	144.44	20.25
	15	93.99	15.57	110.91	18.79	127.72	22.05	132.98	22.63	134.43	22.39	136.49	22.46	140.31	22.53
	20	93.99	16.41	110.91	20.87	126.28	25.28	128.96	25.39	129.17	25.52	132.36	25.76	135.77	26.00
	25	93.99	19.73	110.91	25.08	122.15	28.67	124.42	28.69	125.04	28.85	128.34	29.08	131.44	29.50
	30	93.99	23.39	110.91	28.85	117.61	31.99	118.85	32.14	120.71	32.20	121.74	32.51	127.10	33.24
	35	93.99	27.63	109.87	34.90	114.31	35.32	114.72	35.56	116.37	35.67	119.68	36.04	122.77	36.25
	41	93.99	31.78	107.81	37.70	109.15	38.12	110.80	38.22	112.25	38.33	115.55	38.64	118.23	39.06
	43	93.99	34.38	105.65	38.43	106.68	38.74	108.53	39.24	109.77	39.45	113.28	39.78	115.13	40.10
120%	-5	87.07	13.02	102.24	15.46	118.02	17.77	125.66	19.65	134.02	21.16	141.44	21.55	144.64	20.23
	0	87.07	13.12	102.24	15.56	118.02	17.89	125.66	19.77	134.02	21.32	141.44	21.71	144.64	20.42
	5	87.07	13.27	102.24	15.71	118.02	18.08	125.66	19.96	134.02	21.54	141.44	21.93	144.64	20.67
	10	87.07	13.55	102.24	16.41	118.02	19.28	125.66	20.71	133.19	22.15	138.76	22.00	141.75	21.08
	15	87.07	14.21	102.24	17.18	118.02	20.19	125.66	21.66	131.54	22.71	134.22	22.31	137.42	22.25
	20	87.07	14.88	102.24	18.53	118.02	22.87	125.66	25.19	127.31	25.36	129.89	25.56	133.09	25.80
	25	87.07	17.62	102.24	22.31	118.02	27.50	121.53	28.58	123.18	28.67	126.07	28.98	128.75	29.08
	30	87.07	20.77	102.24	26.56	115.14	31.78	116.99	31.97	118.64	32.03	121.12	32.30	124.42	32.61
	35	87.07	24.71	102.24	31.39	112.04	35.00	112.87	35.25	114.31	35.36	117.20	35.73	120.09	36.15
	41	87.07	28.46	102.24	36.25	106.88	37.91	108.74	37.91	110.39	37.91	112.25	38.64	115.34	38.64
	43	87.07	31.05	102.24	38.33	104.61	38.64	106.47	38.93	107.71	39.24	109.56	39.58	113.28	39.88
110%	-5	79.85	11.62	93.78	13.98	108.12	16.41	115.14	17.84	122.15	19.12	139.17	22.47	142.37	21.37
	0	79.85	11.71	93.78	14.07	108.12	16.53	115.14	17.97	122.15	19.27	139.17	22.63	142.37	21.56
	5	79.85	11.87	93.78	14.23	108.12	16.72	115.14	18.16	122.15	19.49	139.17	22.85	142.37	21.81
	10	79.85	12.27	93.78	14.84	108.12	17.46	115.14	18.79	122.15	20.11	136.29	22.73	139.28	21.92
	15	79.85	12.86	93.78	15.54	108.12	18.27	115.14	19.60	122.15	21.02	131.75	22.61	134.94	22.27
	20	79.85	13.47	93.78	16.35	108.12	20.09	115.14	22.07	122.15	24.16	127.72	25.41	130.61	25.60
	25	79.85	15.59	93.78	19.67	108.12	24.16	115.14	27.50	119.88	29.08	122.56	29.29	125.45	29.71
	30	79.85	18.55	93.78	23.40	108.12	28.98	115.14	31.49	115.55	31.76	119.06	32.20	121.94	32.30
	35	79.85	21.87	93.78	27.63	108.12	32.82	110.80	34.96	112.25	35.15	114.72	35.63	117.61	35.94
	41	79.85	25.48	93.78	32.33	105.23	36.05	106.88	37.85	108.12	37.75	109.77	38.33	113.28	38.64
	43	79.85	27.63	93.78	34.79	102.55	37.39	104.61	38.24	105.64	38.77	107.29	39.16	110.60	39.58
100%	-5	72.32	10.62	85.11	12.53	98.01	14.84	103.60	16.40	111.01	16.99	124.01	19.41	142.37	22.39
	0	72.32	10.72	85.11	12.63	98.01	14.96	103.60	16.52	111.01	17.15	124.01	19.57	142.37	22.58
	5	72.32	10.87	85.11	12.79	98.01	15.15	103.60	16.71	111.01	17.37	124.01	19.79	142.37	22.83
	10	72.32	11.01	85.11	13.32	98.01	15.63	103.60	16.82	111.01	18.03	124.01	20.43	139.07	22.71
	15	72.32	11.51	85.11	13.91	98.01	16.37	103.60	17.64	111.01	18.86	124.01	21.38	135.56	22.59
	20	72.32	12.09	85.11	14.60	98.01	17.46	103.60	19.18	111.01	20.97	124.01	24.73	132.47	25.41
	25	72.32	13.67	85.11	17.18	98.01	21.02	103.60	23.09	111.01	25.21	121.12	28.56	127.93	28.67
	30	72.32	16.24	85.11	20.33	98.01	25.01	103.60	27.26	111.01	29.89	116.58	31.78	122.57	32.20
	35	72.32	19.18	85.11	24.10	98.01	29.55	103.60	29.21	110.18	34.86	112.45	35.32	117.41	35.63
	41	72.32	22.30	85.11	28.00	98.01	34.37	103.00	36.06	106.06	37.66	108.33	38.12	110.80	37.91
	43	72.32	24.68	85.11	30.20	98.01	36.85	101.50	37.43	103.37	38.43	106.26	38.85	108.33	38.95

To be continued

Continued

YV2VYT104KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	65.09	9.20	76.60	11.18	88.21	13.12	93.24	14.06	100.28	15.17	111.63	17.08	123.39	19.13
	0	65.09	9.29	76.60	11.28	88.21	13.25	93.24	14.19	100.28	15.33	111.63	17.24	123.39	19.32
	5	65.09	9.45	76.60	11.43	88.21	13.44	93.24	14.37	100.28	15.55	111.63	17.46	123.39	19.57
	10	65.09	9.78	76.60	11.79	88.21	13.84	93.24	14.91	100.28	15.97	111.63	18.13	123.39	20.30
	15	65.09	10.24	76.60	12.32	88.21	14.48	93.24	15.57	100.28	16.74	111.63	18.94	123.39	21.22
	20	65.09	10.74	76.60	12.94	88.21	15.20	93.24	16.44	100.28	17.95	111.63	21.11	123.39	24.49
	25	65.09	11.87	76.60	14.84	88.21	18.07	93.24	19.80	100.28	21.58	111.63	25.39	121.12	28.56
	30	65.09	14.13	76.60	17.66	88.21	21.52	93.24	23.56	100.28	25.71	111.63	30.33	116.99	31.78
	35	65.09	16.64	76.60	20.78	88.21	25.36	93.24	27.79	100.28	30.39	110.18	34.90	112.66	35.21
	41	65.09	19.16	76.60	24.17	88.21	29.39	93.24	31.47	100.28	34.96	105.64	37.91	108.12	38.12
	43	65.09	20.53	76.60	25.99	88.21	31.58	93.24	33.96	100.28	35.86	101.93	37.70	105.85	38.85
80%	-5	57.86	8.11	68.09	9.78	78.41	11.42	82.88	12.40	88.72	13.06	99.25	14.90	109.77	16.38
	0	57.86	8.20	68.09	9.88	78.41	11.55	82.88	12.52	88.72	13.22	99.25	15.06	109.77	16.56
	5	57.86	8.36	68.09	10.03	78.41	11.74	82.88	12.71	88.72	13.44	99.25	15.28	109.77	16.82
	10	57.86	8.62	68.09	10.34	78.41	12.10	82.88	13.16	88.72	13.95	99.25	15.85	109.77	17.73
	15	57.86	8.97	68.09	10.80	78.41	12.68	82.88	13.63	88.72	14.60	99.25	16.59	109.77	18.57
	20	57.86	9.41	68.09	11.29	78.41	13.27	82.88	14.28	88.72	15.32	99.25	17.73	109.77	20.93
	25	57.86	10.16	68.09	12.62	78.41	15.32	82.88	16.74	88.72	18.21	99.25	21.37	109.77	25.56
	30	57.86	12.10	68.09	15.04	78.41	18.21	82.88	19.93	88.72	21.68	99.25	25.41	109.77	29.50
	35	57.86	14.26	68.09	17.71	78.41	21.52	82.88	23.53	88.72	25.60	99.25	29.91	109.77	34.80
	41	57.86	16.45	68.09	20.77	78.41	24.94	82.88	27.30	88.72	29.79	98.22	34.69	105.03	37.50
	43	57.86	18.28	68.09	21.62	78.41	26.76	82.88	29.35	88.72	31.91	95.74	36.04	101.52	38.33
70%	-5	50.62	6.96	59.58	8.37	68.61	9.60	72.52	10.59	77.69	11.17	86.66	12.74	96.15	12.13
	0	50.62	7.05	59.58	8.46	68.61	9.73	72.52	10.72	77.69	11.33	86.66	12.90	96.15	12.32
	5	50.62	7.21	59.58	8.62	68.61	9.92	72.52	10.90	77.69	11.55	86.66	13.12	96.15	12.57
	10	50.62	7.43	59.58	8.89	68.61	10.40	72.52	11.20	77.69	11.99	86.66	13.60	96.15	15.24
	15	50.62	7.76	59.58	9.28	68.61	10.89	72.52	11.68	77.69	12.53	86.66	14.21	96.15	15.95
	20	50.62	8.12	59.58	9.72	68.61	11.41	72.52	12.27	77.69	13.14	86.66	14.91	96.15	16.88
	25	50.62	8.58	59.58	10.57	68.61	12.75	72.52	13.91	77.69	15.11	86.66	17.66	96.15	20.32
	30	50.62	10.22	59.58	12.56	68.61	15.20	72.52	16.57	77.69	17.99	86.66	21.00	96.15	24.18
	35	50.62	12.07	59.58	14.84	68.61	17.92	72.52	19.54	77.69	21.20	86.66	24.77	96.15	28.67
	41	50.62	13.75	59.58	17.05	68.61	20.81	72.52	22.51	77.69	24.63	86.66	28.67	96.15	33.24
	43	50.62	14.69	59.58	18.26	68.61	22.79	72.52	24.81	77.69	26.67	84.18	30.64	94.91	35.52
60%	-5	43.39	5.86	51.07	7.06	58.81	8.17	62.16	8.89	66.75	9.35	74.38	10.41	82.33	11.60
	0	43.39	5.96	51.07	7.15	58.81	8.30	62.16	9.01	66.75	9.51	74.38	10.57	82.33	11.79
	5	43.39	6.12	51.07	7.31	58.81	8.48	62.16	9.20	66.75	9.73	74.38	10.79	82.33	12.04
	10	43.39	6.31	51.07	7.53	58.81	8.76	62.16	9.60	66.75	10.06	74.38	11.39	82.33	12.75
	15	43.39	6.59	51.07	7.84	58.81	9.15	62.16	9.85	66.75	10.52	74.38	11.90	82.33	13.36
	20	43.39	6.90	51.07	8.21	58.81	9.57	62.16	10.30	66.75	11.01	74.38	12.50	82.33	13.99
	25	43.39	7.21	51.07	8.69	58.81	10.40	62.16	11.31	66.75	12.27	74.38	14.25	82.33	16.33
	30	43.39	8.45	51.07	10.38	58.81	14.31	62.16	13.47	66.75	14.56	74.38	16.92	82.33	19.42
	35	43.39	9.96	51.07	12.20	58.81	14.62	62.16	15.89	66.75	17.22	74.38	19.95	82.33	22.90
	41	43.39	11.48	51.07	12.11	58.81	16.78	62.16	17.78	66.75	19.90	74.38	23.17	82.33	26.66
	43	43.39	12.51	51.07	12.80	58.81	17.87	62.16	19.67	66.75	21.71	74.38	25.09	82.33	28.11
50%	-5	36.16	4.86	42.56	5.82	49.00	6.68	51.80	7.14	55.40	7.55	62.00	8.53	68.50	9.55
	0	36.16	4.95	42.56	5.92	49.00	6.81	51.80	7.27	55.40	7.70	62.00	8.69	68.50	9.74
	5	36.16	5.11	42.56	6.08	49.00	7.00	51.80	7.46	55.40	7.92	62.00	8.91	68.50	9.99
	10	36.16	5.24	42.56	6.20	49.00	7.21	51.80	7.71	55.40	8.21	62.00	9.28	68.50	10.38
	15	36.16	5.44	42.56	6.42	49.00	7.51	51.80	8.04	55.40	8.60	62.00	9.69	68.50	10.83
	20	36.16	5.68	42.56	6.75	49.00	7.84	51.80	8.42	55.40	8.99	62.00	10.16	68.50	11.37
	25	36.16	5.96	42.56	7.05	49.00	8.26	51.80	8.93	55.40	9.65	62.00	11.15	68.50	12.70
	30	36.16	6.85	42.56	8.28	49.00	9.82	51.80	10.66	55.40	11.51	62.00	13.27	68.50	15.11
	35	36.16	8.08	42.56	9.78	49.00	11.63	51.80	12.54	55.40	13.55	62.00	15.63	68.50	17.81
	41	36.16	9.32	42.56	10.92	49.00	13.35	51.80	14.45	55.40	15.66	62.00	18.37	68.50	20.78
	43	36.16	10.33	42.56	11.95	49.00	14.51	51.80	16.16	55.40	16.95	62.00	19.67	68.50	22.94

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 35. Cooling capacity YV2VYT113KAS-D-X

YV2VYT113KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	101.13	15.17	119.26	18.52	137.39	21.68	146.51	24.49	152.10	23.89	156.15	21.65	159.05	19.80
	0	101.13	15.27	119.26	18.61	137.39	21.81	146.51	24.62	152.10	24.06	156.15	21.81	159.05	20.00
	5	101.13	15.43	119.26	18.78	137.39	22.01	146.51	24.81	152.10	24.28	156.15	22.04	159.05	20.25
	10	101.13	16.09	119.26	19.52	137.39	23.01	146.92	24.75	148.27	24.30	151.69	23.20	155.21	22.07
	15	101.13	16.89	119.26	20.43	137.39	24.07	142.46	24.72	144.23	24.44	146.92	24.46	150.76	24.56
	20	101.13	17.78	119.26	22.75	135.94	27.67	138.01	27.78	138.84	27.93	142.47	28.20	145.78	28.46
	25	101.13	21.49	119.26	27.45	131.17	31.34	133.04	31.56	134.38	31.59	138.01	31.87	141.22	32.19
	30	101.13	25.48	119.26	32.20	126.51	35.17	127.86	35.24	129.83	35.27	132.01	35.59	136.66	36.76
	35	101.13	30.38	118.33	38.35	122.47	38.88	123.40	38.96	125.16	39.17	128.58	39.52	132.00	39.95
	41	101.13	34.41	115.21	41.11	117.50	41.64	119.26	41.86	121.02	42.07	124.13	42.71	127.44	43.03
	43	101.13	37.50	112.62	42.28	114.80	42.71	116.77	43.45	118.43	43.88	121.64	44.38	124.44	45.96
120%	-5	93.46	14.03	110.04	16.71	127.03	18.96	135.01	21.28	144.75	23.01	152.93	23.39	156.04	21.74
	0	93.46	14.12	110.04	16.81	127.03	19.09	135.01	21.41	144.75	23.17	152.93	23.55	156.04	21.94
	5	93.46	14.28	110.04	16.97	127.03	19.28	135.01	21.60	144.75	23.40	152.93	23.78	156.04	22.19
	10	93.46	14.62	110.04	17.78	127.03	20.97	135.01	22.56	143.30	24.19	149.41	24.00	152.21	22.99
	15	93.46	15.34	110.04	18.65	127.03	22.01	135.01	23.65	141.74	24.80	144.75	24.36	147.65	24.15
	20	93.46	16.09	110.04	20.16	127.03	24.97	135.01	27.55	136.87	27.76	139.88	27.98	142.98	28.24
	25	93.46	19.13	110.04	24.36	127.03	30.13	130.55	31.30	132.42	31.34	135.52	31.87	138.43	31.87
	30	93.46	22.51	110.04	29.06	123.92	34.74	125.89	34.99	127.75	35.24	130.34	35.48	133.56	35.80
	35	93.46	27.02	110.04	34.42	119.98	38.57	121.43	38.64	123.09	38.85	125.99	39.20	129.00	39.73
	41	93.46	30.91	110.04	39.95	115.01	41.21	116.87	41.43	118.74	41.43	121.12	42.71	124.23	42.71
	43	93.46	33.45	110.04	42.07	112.73	42.39	114.39	42.81	115.73	43.45	118.33	44.10	121.85	44.53
110%	-5	85.69	12.40	101.02	15.08	116.25	17.78	123.61	19.33	131.48	20.64	150.65	24.57	153.87	23.19
	0	85.69	12.49	101.02	15.17	116.25	17.90	123.61	19.45	131.48	20.80	150.65	24.73	153.87	23.38
	5	85.69	12.66	101.02	15.33	116.25	18.10	123.61	19.65	131.48	21.03	150.65	24.95	153.87	23.64
	10	85.69	13.19	101.02	16.06	116.25	18.96	123.61	20.43	131.48	21.91	146.82	24.81	149.62	23.91
	15	85.69	13.83	101.02	16.82	116.25	19.86	123.61	21.30	131.48	22.92	141.84	24.68	144.95	24.30
	20	85.69	14.54	101.02	17.70	116.25	21.90	123.61	24.08	131.48	26.41	137.39	27.79	140.39	28.01
	25	85.69	16.90	101.02	21.41	116.25	26.41	123.61	30.76	128.37	32.36	131.38	32.62	134.38	32.94
	30	85.69	20.18	101.02	25.57	116.25	31.66	123.61	34.43	124.44	34.94	127.96	35.27	130.97	35.48
	35	85.69	23.86	101.02	30.27	116.25	36.88	119.26	38.33	120.71	38.64	123.40	38.99	126.41	39.52
	41	85.69	27.73	101.02	35.37	113.04	40.60	114.91	41.67	116.25	41.45	118.43	42.18	121.85	42.82
	43	85.69	30.06	101.02	37.81	110.03	41.12	112.42	42.19	113.66	43.05	115.84	43.57	119.05	44.21
100%	-5	77.71	11.41	91.59	13.45	105.37	16.06	112.70	17.43	119.46	18.36	133.45	20.96	152.20	24.49
	0	77.71	11.51	91.59	13.55	105.37	16.19	112.70	17.56	119.46	18.52	133.45	21.12	152.20	24.68
	5	77.71	11.67	91.59	13.71	105.37	16.39	112.70	17.75	119.46	18.74	133.45	21.35	152.20	24.94
	10	77.71	11.81	91.59	14.35	105.37	16.93	112.70	18.27	119.46	19.59	133.45	22.25	148.06	24.80
	15	77.71	12.35	91.59	15.02	105.37	17.75	112.70	19.14	119.46	20.51	133.45	23.32	143.60	24.67
	20	77.71	12.98	91.59	15.78	105.37	18.96	112.70	20.87	119.46	22.85	133.45	27.04	139.66	27.79
	25	77.71	14.74	91.59	18.65	105.37	22.92	112.70	25.21	119.46	27.57	130.34	31.34	135.00	31.55
	30	77.71	17.60	91.59	22.20	105.37	27.34	112.70	29.97	119.46	32.76	125.58	34.95	129.61	35.27
	35	77.71	20.87	91.59	26.34	105.37	32.40	112.70	32.05	118.64	38.33	121.12	38.67	124.64	38.99
	41	77.71	24.20	91.59	30.38	105.37	37.66	111.70	39.65	114.18	41.58	116.67	41.97	119.15	41.97
	43	77.71	26.64	91.59	32.93	105.37	40.15	110.50	41.24	111.18	42.28	114.28	42.93	116.56	43.47

To be continued

Continued

YV2VYT113KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	69.94	9.70	82.43	11.90	94.84	14.08	101.43	15.13	107.86	16.24	120.09	18.50	132.42	20.74
	0	69.94	9.80	82.43	11.99	94.84	14.20	101.43	15.26	107.86	16.40	120.09	18.66	132.42	20.93
	5	69.94	9.96	82.43	12.16	94.84	14.40	101.43	15.45	107.86	16.63	120.09	18.88	132.42	21.19
	10	69.94	10.42	82.43	12.66	94.84	14.95	101.43	16.14	107.86	17.30	120.09	19.71	132.42	22.13
	15	69.94	10.94	82.43	13.23	94.84	15.64	101.43	16.89	107.86	18.15	120.09	20.62	132.42	23.15
	20	69.94	11.50	82.43	13.91	94.84	16.45	101.43	17.83	107.86	19.50	120.09	23.01	132.42	26.78
	25	69.94	12.74	82.43	16.06	94.84	19.64	101.43	21.55	107.86	23.54	120.09	27.78	129.93	31.34
	30	69.94	15.25	82.43	19.18	94.84	23.46	101.43	25.74	107.86	28.11	120.09	33.25	125.68	34.95
	35	69.94	18.06	82.43	22.67	94.84	27.76	101.43	30.47	107.86	33.28	118.64	38.35	121.12	38.67
	41	69.94	20.79	82.43	26.29	94.84	32.19	101.43	33.87	107.86	38.55	113.97	41.75	115.84	41.97
	43	69.94	22.75	82.43	28.08	94.84	34.52	101.43	37.07	107.86	39.48	110.45	40.78	113.35	42.93
80%	-5	62.17	8.52	73.27	10.36	84.30	12.15	90.16	13.18	95.53	14.02	106.72	16.06	118.01	17.85
	0	62.17	8.62	73.27	10.45	84.30	12.28	90.16	13.31	95.53	14.18	106.72	16.22	118.01	18.04
	5	62.17	8.78	73.27	10.62	84.30	12.47	90.16	13.50	95.53	14.41	106.72	16.45	118.01	18.30
	10	62.17	9.12	73.27	11.05	84.30	13.02	90.16	14.10	95.53	15.07	106.72	17.16	118.01	19.27
	15	62.17	9.53	73.27	11.54	84.30	13.65	90.16	14.71	95.53	15.78	106.72	17.98	118.01	20.19
	20	62.17	10.01	73.27	12.12	84.30	14.32	90.16	15.42	95.53	16.59	106.72	19.27	118.01	23.08
	25	62.17	10.85	73.27	13.58	84.30	16.59	90.16	18.15	95.53	19.80	106.72	23.29	118.01	28.57
	30	62.17	13.02	73.27	16.26	84.30	19.80	90.16	21.71	95.53	23.66	106.72	27.79	118.01	32.19
	35	62.17	15.41	73.27	19.26	84.30	23.46	90.16	25.71	95.53	28.01	106.72	32.93	118.01	38.14
	41	62.17	18.00	73.27	22.36	84.30	27.14	90.16	29.81	95.53	32.71	106.20	38.25	112.83	41.33
	43	62.17	20.51	73.27	23.89	84.30	29.00	90.16	32.33	95.53	35.45	104.97	39.52	108.06	42.39
70%	-5	54.40	7.27	64.12	8.81	73.76	10.27	78.89	11.20	83.51	11.95	93.46	13.66	103.30	11.84
	0	54.40	7.36	64.12	8.90	73.76	10.40	78.89	11.32	83.51	12.11	93.46	13.82	103.30	12.03
	5	54.40	7.52	64.12	9.06	73.76	10.60	78.89	11.52	83.51	12.34	93.46	14.05	103.30	12.29
	10	54.40	7.81	64.12	9.43	73.76	11.13	78.89	11.99	83.51	12.88	93.46	14.66	103.30	16.48
	15	54.40	8.18	64.12	9.87	73.76	11.67	78.89	12.56	83.51	13.45	93.46	15.34	103.30	17.26
	20	54.40	8.58	64.12	10.37	73.76	12.25	78.89	13.19	83.51	14.17	93.46	16.14	103.30	18.33
	25	54.40	9.09	64.12	11.31	73.76	13.73	78.89	15.02	83.51	16.37	93.46	19.18	103.30	22.14
	30	54.40	10.91	64.12	13.54	73.76	16.45	78.89	17.97	83.51	19.53	93.46	22.90	103.30	26.42
	35	54.40	12.97	64.12	16.06	73.76	19.45	78.89	21.27	83.51	23.10	93.46	27.09	103.30	31.34
	41	54.40	14.78	64.12	18.31	73.76	22.53	78.89	24.30	83.51	26.80	93.46	31.34	103.30	36.44
	43	54.40	15.75	64.12	19.44	73.76	24.86	78.89	26.97	83.51	29.00	92.22	33.90	102.68	39.42
60%	-5	46.63	6.05	54.96	7.36	63.22	8.59	67.62	9.37	71.91	9.91	80.09	11.20	88.48	12.55
	0	46.63	6.15	54.96	7.46	63.22	8.72	67.62	9.50	71.91	10.07	80.09	11.36	88.48	12.74
	5	46.63	6.31	54.96	7.62	63.22	8.92	67.62	9.69	71.91	10.30	80.09	11.59	88.48	13.00
	10	46.63	6.58	54.96	7.91	63.22	9.30	67.62	10.11	71.91	10.74	80.09	12.21	88.48	13.73
	15	46.63	6.89	54.96	8.27	63.22	9.75	67.62	10.51	71.91	11.23	80.09	12.80	88.48	14.40
	20	46.63	7.21	54.96	8.67	63.22	10.18	67.62	11.00	71.91	11.81	80.09	13.44	88.48	15.10
	25	46.63	7.57	54.96	9.23	63.22	11.13	67.62	12.13	71.91	13.19	80.09	15.39	88.48	17.69
	30	46.63	8.95	54.96	11.08	63.22	14.30	67.62	14.54	71.91	15.76	80.09	18.36	88.48	21.15
	35	46.63	10.63	54.96	13.13	63.22	15.79	67.62	17.22	71.91	18.68	80.09	21.72	88.48	25.03
	41	46.63	12.18	54.96	14.04	63.22	18.13	67.62	19.54	71.91	21.56	80.09	25.17	88.48	29.07
	43	46.63	13.28	54.96	14.55	63.22	19.55	67.62	21.74	71.91	23.56	80.09	27.16	88.48	31.26
50%	-5	38.85	4.93	45.80	6.03	52.69	6.94	56.35	7.38	59.68	7.91	66.73	9.05	73.67	10.14
	0	38.85	5.03	45.80	6.13	52.69	7.06	56.35	7.51	59.68	8.07	66.73	9.21	73.67	10.34
	5	38.85	5.19	45.80	6.29	52.69	7.26	56.35	7.70	59.68	8.30	66.73	9.44	73.67	10.59
	10	38.85	5.38	45.80	6.44	52.69	7.57	56.35	8.11	59.68	8.67	66.73	9.87	73.67	11.08
	15	38.85	5.60	45.80	6.64	52.69	7.90	56.35	8.49	59.68	9.11	66.73	10.32	73.67	11.61
	20	38.85	5.86	45.80	7.06	52.69	8.27	56.35	8.90	59.68	9.54	66.73	10.85	73.67	12.20
	25	38.85	6.16	45.80	7.38	52.69	8.73	56.35	9.48	59.68	10.29	66.73	11.93	73.67	13.67
	30	38.85	7.15	45.80	8.77	52.69	10.47	56.35	11.39	59.68	12.35	66.73	14.33	73.67	16.37
	35	38.85	8.55	45.80	10.42	52.69	12.47	56.35	13.50	59.68	14.62	66.73	16.93	73.67	19.35
	41	38.85	9.76	45.80	11.34	52.69	14.27	56.35	15.50	59.68	16.82	66.73	19.66	73.67	22.43
	43	38.85	10.88	45.80	12.45	52.69	15.58	56.35	17.10	59.68	18.21	66.73	21.27	73.67	24.62

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 36. Cooling capacity YV2VYT116KAS-D-X

YV2VYT116KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	105.53	15.79	124.55	19.28	143.47	22.59	152.87	25.52	158.77	24.89	163.01	22.56	166.31	20.62
	0	105.53	15.89	124.55	19.38	143.47	22.72	152.87	25.64	158.77	25.05	163.01	22.72	166.31	20.81
	5	105.53	16.05	124.55	19.54	143.47	22.91	152.87	25.83	158.77	25.28	163.01	22.94	166.31	21.07
	10	105.53	16.76	124.55	20.33	143.47	23.96	153.29	25.78	154.73	25.31	158.35	24.15	162.28	22.99
	15	105.53	17.58	124.55	21.27	143.47	25.07	148.64	25.74	150.50	25.46	153.29	25.47	157.63	25.57
	20	105.53	18.52	124.55	23.69	141.92	28.81	144.09	28.93	145.02	29.08	148.64	29.36	152.46	29.64
	25	105.53	22.38	124.55	28.58	136.96	32.67	138.92	32.79	140.37	32.93	144.09	33.20	147.71	33.62
	30	105.53	26.54	124.55	33.60	132.10	36.67	133.54	36.74	135.61	36.77	137.89	37.09	142.95	38.25
	35	105.53	31.63	123.52	39.93	127.86	40.45	128.89	40.63	130.65	40.84	134.27	41.19	137.99	41.61
	41	105.53	35.93	120.21	42.86	122.69	43.39	124.45	43.60	126.31	43.81	129.62	44.45	133.34	44.86
	43	105.53	38.98	117.52	44.02	119.80	44.55	121.87	45.28	123.62	45.70	127.03	46.24	130.13	47.31
120%	-5	97.57	14.61	114.84	17.41	132.61	19.75	140.99	22.17	151.12	23.98	159.70	24.37	163.21	22.64
	0	97.57	14.70	114.84	17.51	132.61	19.88	140.99	22.30	151.12	24.14	159.70	24.53	163.21	22.83
	5	97.57	14.86	114.84	17.67	132.61	20.07	140.99	22.49	151.12	24.36	159.70	24.75	163.21	23.09
	10	97.57	15.22	114.84	18.52	132.61	21.83	140.99	23.50	149.57	25.18	155.87	24.99	159.18	23.93
	15	97.57	15.97	114.84	19.41	132.61	22.92	140.99	24.62	147.91	25.82	151.01	25.36	154.42	25.15
	20	97.57	16.76	114.84	20.99	132.61	26.01	140.99	28.68	142.95	28.90	145.95	29.13	149.46	29.41
	25	97.57	19.92	114.84	25.36	132.61	31.37	136.34	32.63	138.30	32.67	141.50	33.10	144.71	33.20
	30	97.57	23.43	114.84	30.27	129.41	36.25	131.48	36.50	133.44	36.64	136.13	36.98	139.64	37.30
	35	97.57	28.15	114.84	35.85	125.28	40.14	126.83	40.31	128.48	40.52	131.58	40.87	134.89	41.40
	41	97.57	32.25	114.84	41.61	120.11	42.97	121.97	43.07	123.93	43.07	126.52	44.45	129.93	44.45
	43	97.57	34.87	114.84	43.81	117.63	44.13	119.38	44.64	120.83	45.28	123.52	45.92	127.45	46.41
110%	-5	89.41	12.91	105.43	15.70	121.35	18.52	129.10	20.13	137.27	21.51	157.22	25.60	160.94	24.17
	0	89.41	13.00	105.43	15.80	121.35	18.64	129.10	20.26	137.27	21.67	157.22	25.76	160.94	24.36
	5	89.41	13.16	105.43	15.96	121.35	18.84	129.10	20.45	137.27	21.89	157.22	25.98	160.94	24.61
	10	89.41	13.73	105.43	16.71	121.35	19.74	129.10	21.27	137.27	22.81	153.18	25.83	156.49	24.90
	15	89.41	14.39	105.43	17.51	121.35	20.67	129.10	22.18	137.27	23.87	148.02	25.70	151.53	25.31
	20	89.41	15.13	105.43	18.44	121.35	22.80	129.10	25.08	137.27	27.50	143.47	28.94	146.78	29.18
	25	89.41	17.59	105.43	22.29	121.35	27.50	129.10	32.05	134.06	33.68	137.16	33.94	140.47	34.36
	30	89.41	21.02	105.43	26.62	121.35	32.99	129.10	35.94	129.93	36.34	133.65	36.77	136.96	36.98
	35	89.41	24.85	105.43	31.52	121.35	38.36	124.45	40.01	126.00	40.21	128.89	40.66	132.20	41.08
	41	89.41	28.88	105.43	36.80	117.94	42.35	119.90	43.41	121.35	43.20	123.62	44.02	127.45	44.66
	43	89.41	31.31	105.43	39.40	114.84	42.87	117.32	43.93	118.66	44.88	120.94	45.39	124.45	46.13
100%	-5	81.14	11.90	95.61	14.02	109.98	16.73	116.00	18.15	124.76	19.12	139.33	21.83	159.18	25.52
	0	81.14	11.99	95.61	14.12	109.98	16.86	116.00	18.27	124.76	19.28	139.33	21.99	159.18	25.72
	5	81.14	12.15	95.61	14.27	109.98	17.05	116.00	18.46	124.76	19.51	139.33	22.22	159.18	25.97
	10	81.14	12.28	95.61	14.94	109.98	17.63	116.00	19.01	124.76	20.39	139.33	23.18	154.73	25.82
	15	81.14	12.85	95.61	15.63	109.98	18.48	116.00	19.93	124.76	21.36	139.33	24.28	150.08	25.69
	20	81.14	13.51	95.61	16.43	109.98	19.74	116.00	21.74	124.76	23.80	139.33	28.16	145.94	28.94
	25	81.14	15.35	95.61	19.41	109.98	23.87	116.00	26.25	124.76	28.71	136.13	32.57	141.09	32.78
	30	81.14	18.31	95.61	23.12	109.98	28.48	116.00	31.22	124.76	34.08	131.06	36.35	135.51	36.77
	35	81.14	21.74	95.61	27.44	109.98	33.75	116.00	33.79	123.83	39.90	126.41	40.34	130.34	40.66
	41	81.14	25.19	95.61	31.68	109.98	39.22	115.20	41.33	119.18	43.32	121.76	43.71	124.55	43.82
	43	81.14	27.73	95.61	34.23	109.98	41.81	114.00	42.94	116.08	44.02	119.28	44.76	121.86	45.29

To be continued

Continued

YV2VYT116KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	73.03	10.10	86.05	12.39	98.98	14.66	104.40	15.76	112.56	16.92	125.38	19.27	138.51	21.61
	0	73.03	10.20	86.05	12.49	98.98	14.79	104.40	15.89	112.56	17.08	125.38	19.43	138.51	21.81
	5	73.03	10.35	86.05	12.65	98.98	14.98	104.40	16.08	112.56	17.30	125.38	19.65	138.51	22.06
	10	73.03	10.84	86.05	13.17	98.98	15.57	104.40	16.80	112.56	18.02	125.38	20.53	138.51	23.04
	15	73.03	11.39	86.05	13.77	98.98	16.28	104.40	17.58	112.56	18.90	125.38	21.46	138.51	24.10
	20	73.03	11.96	86.05	14.49	98.98	17.12	104.40	18.56	112.56	20.30	125.38	23.96	138.51	27.88
	25	73.03	13.27	86.05	16.71	98.98	20.44	104.40	22.44	112.56	24.52	125.38	28.93	135.92	32.57
	30	73.03	15.87	86.05	19.97	98.98	24.44	104.40	26.80	112.56	29.28	125.38	34.67	131.37	36.35
	35	73.03	18.79	86.05	23.60	98.98	28.90	104.40	31.71	112.56	34.70	123.83	39.93	126.62	40.24
	41	73.03	21.64	86.05	27.38	98.98	33.51	104.40	35.19	112.56	40.12	118.97	43.39	121.14	43.71
	43	73.03	23.71	86.05	29.23	98.98	35.93	104.40	38.66	112.56	41.04	115.35	42.54	118.56	44.76
80%	-5	64.91	8.87	76.49	10.79	87.98	12.66	92.80	13.73	99.64	14.62	111.43	16.73	123.42	18.60
	0	64.91	8.97	76.49	10.89	87.98	12.79	92.80	13.86	99.64	14.78	111.43	16.89	123.42	18.79
	5	64.91	9.13	76.49	11.05	87.98	12.98	92.80	14.05	99.64	15.00	111.43	17.11	123.42	19.05
	10	64.91	9.49	76.49	11.50	87.98	13.54	92.80	14.67	99.64	15.68	111.43	17.87	123.42	20.05
	15	64.91	9.91	76.49	12.02	87.98	14.20	92.80	15.31	99.64	16.43	111.43	18.72	123.42	21.03
	20	64.91	10.42	76.49	12.60	87.98	14.90	92.80	16.05	99.64	17.27	111.43	20.05	123.42	24.04
	25	64.91	11.29	76.49	14.14	87.98	17.27	92.80	18.90	99.64	20.61	111.43	24.26	123.42	29.77
	30	64.91	13.54	76.49	16.93	87.98	20.61	92.80	22.61	99.64	24.63	111.43	28.94	123.42	33.62
	35	64.91	16.04	76.49	20.04	87.98	24.44	92.80	26.77	99.64	29.18	111.43	34.25	123.42	39.71
	41	64.91	18.73	76.49	23.28	87.98	28.26	92.80	31.03	99.64	34.03	110.91	39.82	117.94	43.08
	43	64.91	21.39	76.49	24.88	87.98	30.18	92.80	33.65	99.64	36.95	109.67	41.19	112.97	44.13
70%	-5	56.80	7.56	66.93	9.17	76.98	10.70	81.20	11.66	87.24	12.45	97.47	14.24	108.01	12.30
	0	56.80	7.65	66.93	9.26	76.98	10.83	81.20	11.79	87.24	12.61	97.47	14.40	108.01	12.49
	5	56.80	7.81	66.93	9.42	76.98	11.02	81.20	11.98	87.24	12.84	97.47	14.62	108.01	12.75
	10	56.80	8.13	66.93	9.81	76.98	11.57	81.20	12.48	87.24	13.40	97.47	15.26	108.01	17.16
	15	56.80	8.51	66.93	10.27	76.98	12.14	81.20	13.07	87.24	14.01	97.47	15.97	108.01	17.97
	20	56.80	8.93	66.93	10.79	76.98	12.75	81.20	13.73	87.24	14.75	97.47	16.80	108.01	19.08
	25	56.80	9.45	66.93	11.76	76.98	14.29	81.20	15.63	87.24	17.03	97.47	19.97	108.01	23.05
	30	56.80	11.35	66.93	14.09	76.98	17.12	81.20	18.71	87.24	20.34	97.47	23.84	108.01	27.52
	35	56.80	13.50	66.93	16.71	76.98	20.25	81.20	22.15	87.24	24.06	97.47	28.21	108.01	32.67
	41	56.80	15.39	66.93	19.05	76.98	23.45	81.20	25.30	87.24	27.90	97.47	32.67	108.01	37.93
	43	56.80	16.39	66.93	20.22	76.98	25.89	81.20	28.08	87.24	30.19	96.23	35.30	107.39	41.09
60%	-5	48.68	6.30	57.37	7.66	65.99	8.95	69.60	9.76	75.14	10.33	83.62	11.68	92.51	13.08
	0	48.68	6.39	57.37	7.76	65.99	9.08	69.60	9.89	75.14	10.49	83.62	11.84	92.51	13.28
	5	48.68	6.55	57.37	7.92	65.99	9.27	69.60	10.08	75.14	10.71	83.62	12.06	92.51	13.53
	10	48.68	6.84	57.37	8.23	65.99	9.67	69.60	10.51	75.14	11.18	83.62	12.71	92.51	14.29
	15	48.68	7.16	57.37	8.60	65.99	10.14	69.60	10.93	75.14	11.69	83.62	13.31	92.51	14.99
	20	48.68	7.50	57.37	9.02	65.99	10.60	69.60	11.45	75.14	12.28	83.62	14.00	92.51	15.73
	25	48.68	7.87	57.37	9.59	65.99	11.57	69.60	12.62	75.14	13.73	83.62	16.02	92.51	18.43
	30	48.68	9.31	57.37	11.53	65.99	14.85	69.60	15.13	75.14	16.41	83.62	19.12	92.51	22.02
	35	48.68	11.06	57.37	13.67	65.99	16.44	69.60	17.92	75.14	19.46	83.62	22.62	92.51	26.05
	41	48.68	12.67	57.37	14.65	65.99	18.87	69.60	20.35	75.14	22.44	83.62	26.21	92.51	30.27
	43	48.68	13.82	57.37	15.18	65.99	20.36	69.60	22.64	75.14	24.53	83.62	28.27	92.51	32.57
50%	-5	40.57	5.13	47.81	6.28	54.99	7.23	58.00	7.69	62.33	8.24	69.67	9.44	77.01	10.58
	0	40.57	5.23	47.81	6.37	54.99	7.36	58.00	7.82	62.33	8.40	69.67	9.60	77.01	10.77
	5	40.57	5.39	47.81	6.53	54.99	7.55	58.00	8.01	62.33	8.62	69.67	9.82	77.01	11.03
	10	40.57	5.59	47.81	6.70	54.99	7.87	58.00	8.43	62.33	9.02	69.67	10.27	77.01	11.53
	15	40.57	5.82	47.81	6.91	54.99	8.22	58.00	8.83	62.33	9.48	69.67	10.74	77.01	12.08
	20	40.57	6.09	47.81	7.34	54.99	8.60	58.00	9.26	62.33	9.92	69.67	11.29	77.01	12.70
	25	40.57	6.42	47.81	7.68	54.99	9.07	58.00	9.86	62.33	10.70	69.67	12.43	77.01	14.23
	30	40.57	7.44	47.81	9.12	54.99	10.89	58.00	11.86	62.33	12.85	69.67	14.92	77.01	17.03
	35	40.57	8.88	47.81	10.84	54.99	12.98	58.00	14.04	62.33	15.22	69.67	17.63	77.01	20.15
	41	40.57	10.15	47.81	11.79	54.99	14.85	58.00	16.13	62.33	17.51	69.67	20.46	77.01	23.35
	43	40.57	11.31	47.81	12.94	54.99	16.22	58.00	17.79	62.33	18.95	69.67	22.14	77.01	25.63

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 37. Cooling capacity YV2VYT119KAS-D-X

YV2VYT119KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	109.94	16.42	129.85	20.05	149.55	23.50	159.24	26.54	165.43	25.89	169.86	23.47	173.58	21.44
	0	109.94	16.51	129.85	20.14	149.55	23.63	159.24	26.66	165.43	26.05	169.86	23.63	173.58	21.63
	5	109.94	16.67	129.85	20.30	149.55	23.82	159.24	26.85	165.43	26.27	169.86	23.85	173.58	21.88
	10	109.94	17.42	129.85	21.13	149.55	24.92	159.65	26.81	161.20	26.31	165.02	25.11	169.35	23.90
	15	109.94	18.26	129.85	22.12	149.55	26.06	154.81	26.76	156.77	26.47	159.65	26.47	164.50	26.58
	20	109.94	19.26	129.85	24.63	147.90	29.94	150.17	30.09	151.20	30.23	154.81	30.53	159.14	30.82
	25	109.94	23.27	129.85	29.70	142.74	34.01	144.80	34.02	146.35	34.26	150.17	34.53	154.19	35.05
	30	109.94	27.59	129.85	34.99	137.69	38.17	139.23	38.24	141.40	38.27	143.77	38.59	149.24	39.73
	35	109.94	32.87	128.71	41.50	133.25	42.02	134.39	42.30	136.14	42.51	139.95	42.85	143.98	43.27
	41	109.94	37.44	125.21	44.62	127.89	45.14	129.64	45.35	131.60	45.55	135.11	46.18	139.23	46.70
	43	109.94	40.46	122.42	45.76	124.79	46.39	126.96	47.10	128.82	47.52	132.43	48.09	135.83	48.66
120%	-5	101.69	15.19	119.64	18.11	138.20	20.55	146.97	23.06	157.49	24.95	166.46	25.34	170.38	23.54
	0	101.69	15.29	119.64	18.21	138.20	20.67	146.97	23.19	157.49	25.10	166.46	25.50	170.38	23.73
	5	101.69	15.44	119.64	18.37	138.20	20.86	146.97	23.38	157.49	25.32	166.46	25.72	170.38	23.98
	10	101.69	15.82	119.64	19.26	138.20	22.69	146.97	24.44	155.84	26.18	162.34	25.99	166.15	24.88
	15	101.69	16.60	119.64	20.18	138.20	23.84	146.97	25.58	154.08	26.84	157.28	26.36	161.20	26.15
	20	101.69	17.42	119.64	21.82	138.20	27.05	146.97	29.82	149.03	30.05	152.02	30.29	155.94	30.58
	25	101.69	20.71	119.64	26.36	138.20	32.62	142.12	33.97	144.18	34.01	147.48	34.32	150.99	34.53
	30	101.69	24.35	119.64	31.47	134.90	37.75	137.07	38.00	139.13	38.03	141.91	38.48	145.73	38.79
	35	101.69	29.27	119.64	37.28	130.57	41.71	132.22	41.99	133.87	42.20	137.17	42.54	140.78	43.06
	41	101.69	33.59	119.64	43.27	125.21	44.72	127.06	44.72	129.13	44.72	131.91	46.18	135.62	46.18
	43	101.69	36.30	119.64	45.55	122.52	45.87	124.38	46.48	125.93	47.10	128.71	47.74	133.04	48.28
110%	-5	93.13	13.41	109.84	16.33	126.44	19.26	134.59	20.94	143.05	22.38	163.78	26.63	168.01	25.14
	0	93.13	13.51	109.84	16.42	126.44	19.38	134.59	21.07	143.05	22.54	163.78	26.79	168.01	25.33
	5	93.13	13.67	109.84	16.58	126.44	19.57	134.59	21.26	143.05	22.76	163.78	27.01	168.01	25.58
	10	93.13	14.27	109.84	17.37	126.44	20.52	134.59	22.12	143.05	23.70	159.55	26.85	163.37	25.89
	15	93.13	14.96	109.84	18.20	126.44	21.49	134.59	23.06	143.05	24.82	154.19	26.72	158.11	26.31
	20	93.13	15.71	109.84	19.17	126.44	23.69	134.59	26.07	143.05	28.60	149.55	30.10	153.16	30.34
	25	93.13	18.27	109.84	23.17	126.44	28.60	134.59	33.35	139.75	35.00	142.95	35.26	146.56	35.78
	30	93.13	21.86	109.84	27.68	126.44	34.32	134.59	37.45	135.42	37.74	139.34	38.27	142.95	38.48
	35	93.13	25.83	109.84	32.77	126.44	39.84	129.64	41.69	131.29	41.78	134.39	42.33	138.00	42.64
	41	93.13	30.03	109.84	38.23	122.83	44.10	124.90	45.16	126.44	44.95	128.82	45.87	133.04	46.49
	43	93.13	32.55	109.84	40.98	119.64	44.62	122.22	45.67	123.66	46.71	126.03	47.22	129.85	48.05
100%	-5	84.57	12.38	99.63	14.59	114.58	17.40	119.30	18.86	130.05	19.89	145.21	22.71	166.15	26.56
	0	84.57	12.48	99.63	14.68	114.58	17.52	119.30	18.99	130.05	20.05	145.21	22.87	166.15	26.75
	5	84.57	12.64	99.63	14.84	114.58	17.71	119.30	19.18	130.05	20.27	145.21	23.09	166.15	27.00
	10	84.57	12.75	99.63	15.53	114.58	18.33	119.30	19.76	130.05	21.20	145.21	24.10	161.41	26.84
	15	84.57	13.34	99.63	16.24	114.58	19.21	119.30	20.72	130.05	22.20	145.21	25.24	156.56	26.71
	20	84.57	14.04	99.63	17.08	114.58	20.52	119.30	22.60	130.05	24.74	145.21	29.28	152.23	30.10
	25	84.57	15.95	99.63	20.18	114.58	24.82	119.30	27.30	130.05	29.86	141.91	33.80	147.18	34.01
	30	84.57	19.02	99.63	24.05	114.58	29.62	119.30	32.46	130.05	35.40	136.55	37.75	141.40	38.27
	35	84.57	22.60	99.63	28.54	114.58	35.09	119.30	35.53	129.02	41.48	131.70	42.02	136.04	42.33
	41	84.57	26.19	99.63	32.99	114.58	40.78	118.70	43.02	124.18	45.07	126.86	45.45	129.95	45.66
	43	84.57	28.83	99.63	35.53	114.58	43.47	117.50	44.64	120.98	45.76	124.28	46.60	127.17	47.12

To be continued

Continued

YV2VYT119KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	76.11	10.50	89.67	12.88	103.13	15.24	107.37	16.40	117.27	17.59	130.67	20.05	144.60	22.49
	0	76.11	10.60	89.67	12.98	103.13	15.37	107.37	16.52	117.27	17.75	130.67	20.21	144.60	22.68
	5	76.11	10.75	89.67	13.13	103.13	15.56	107.37	16.71	117.27	17.97	130.67	20.43	144.60	22.93
	10	76.11	11.26	89.67	13.69	103.13	16.18	107.37	17.45	117.27	18.73	130.67	21.34	144.60	23.95
	15	76.11	11.83	89.67	14.31	103.13	16.92	107.37	18.26	117.27	19.65	130.67	22.31	144.60	25.05
	20	76.11	12.43	89.67	15.06	103.13	17.79	107.37	19.29	117.27	21.09	130.67	24.92	144.60	28.99
	25	76.11	13.79	89.67	17.37	103.13	21.25	107.37	23.33	117.27	25.50	130.67	30.09	141.91	33.80
	30	76.11	16.49	89.67	20.76	103.13	25.41	107.37	27.86	117.27	30.45	130.67	36.09	137.07	37.75
	35	76.11	19.53	89.67	24.52	103.13	30.05	107.37	32.95	117.27	36.12	129.02	41.50	132.12	41.81
	41	76.11	22.50	89.67	28.47	103.13	34.84	107.37	36.50	117.27	41.69	123.97	45.03	126.44	45.45
	43	76.11	24.66	89.67	30.39	103.13	37.34	107.37	40.25	117.27	42.60	120.26	44.30	123.76	46.60
80%	-5	67.66	9.22	79.70	11.23	91.67	13.17	95.44	14.29	103.75	15.21	116.13	17.40	128.82	19.35
	0	67.66	9.32	79.70	11.32	91.67	13.30	95.44	14.41	103.75	15.37	116.13	17.55	128.82	19.54
	5	67.66	9.47	79.70	11.48	91.67	13.49	95.44	14.60	103.75	15.59	116.13	17.77	128.82	19.79
	10	67.66	9.87	79.70	11.95	91.67	14.06	95.44	15.25	103.75	16.30	116.13	18.57	128.82	20.84
	15	67.66	10.30	79.70	12.49	91.67	14.76	95.44	15.90	103.75	17.08	116.13	19.46	128.82	21.87
	20	67.66	10.83	79.70	13.09	91.67	15.48	95.44	16.68	103.75	17.95	116.13	20.84	128.82	25.00
	25	67.66	11.73	79.70	14.70	91.67	17.95	95.44	19.65	103.75	21.42	116.13	25.22	128.82	30.97
	30	67.66	14.06	79.70	17.61	91.67	21.42	95.44	23.50	103.75	25.60	116.13	30.10	128.82	35.05
	35	67.66	16.67	79.70	20.83	91.67	25.41	95.44	27.83	103.75	30.34	116.13	35.57	128.82	41.29
	41	67.66	19.47	79.70	24.19	91.67	29.38	95.44	32.26	103.75	35.35	115.61	41.39	123.04	44.83
	43	67.66	22.26	79.70	25.88	91.67	31.37	95.44	34.98	103.75	38.44	114.38	42.85	117.88	45.87
70%	-5	59.20	7.85	69.74	9.52	80.21	11.13	83.51	12.13	90.97	12.96	101.49	14.82	112.73	12.76
	0	59.20	7.94	69.74	9.62	80.21	11.25	83.51	12.26	90.97	13.11	101.49	14.97	112.73	12.95
	5	59.20	8.10	69.74	9.78	80.21	11.44	83.51	12.45	90.97	13.33	101.49	15.19	112.73	13.20
	10	59.20	8.44	69.74	10.19	80.21	12.02	83.51	12.97	90.97	13.93	101.49	15.87	112.73	17.85
	15	59.20	8.83	69.74	10.67	80.21	12.62	83.51	13.57	90.97	14.57	101.49	16.60	112.73	18.69
	20	59.20	9.28	69.74	11.20	80.21	13.25	83.51	14.27	90.97	15.33	101.49	17.45	112.73	19.82
	25	59.20	9.82	69.74	12.22	80.21	14.84	83.51	16.24	90.97	17.69	101.49	20.76	112.73	23.96
	30	59.20	11.79	69.74	14.63	80.21	17.79	83.51	19.45	90.97	21.14	101.49	24.77	112.73	28.61
	35	59.20	14.03	69.74	17.37	80.21	21.06	83.51	23.03	90.97	25.01	101.49	29.33	112.73	34.01
	41	59.20	16.00	69.74	19.80	80.21	24.37	83.51	26.29	90.97	29.01	101.49	34.01	112.73	39.42
	43	59.20	17.02	69.74	21.00	80.21	26.92	83.51	29.19	90.97	31.39	100.25	36.71	112.11	42.75
60%	-5	50.74	6.54	59.78	7.96	68.75	9.32	71.58	10.16	78.38	10.75	87.15	12.15	96.53	13.62
	0	50.74	6.63	59.78	8.06	68.75	9.44	71.58	10.28	78.38	10.91	87.15	12.31	96.53	13.81
	5	50.74	6.79	59.78	8.22	68.75	9.63	71.58	10.47	78.38	11.13	87.15	12.53	96.53	14.06
	10	50.74	7.09	59.78	8.56	68.75	10.05	71.58	10.92	78.38	11.61	87.15	13.21	96.53	14.84
	15	50.74	7.44	59.78	8.93	68.75	10.52	71.58	11.36	78.38	12.15	87.15	13.82	96.53	15.58
	20	50.74	7.79	59.78	9.37	68.75	11.01	71.58	11.90	78.38	12.75	87.15	14.56	96.53	16.35
	25	50.74	8.16	59.78	9.95	68.75	12.02	71.58	13.10	78.38	14.27	87.15	16.65	96.53	19.16
	30	50.74	9.66	59.78	11.98	68.75	15.40	71.58	15.71	78.38	17.06	87.15	19.87	96.53	22.89
	35	50.74	11.49	59.78	14.21	68.75	17.09	71.58	18.63	78.38	20.23	87.15	23.52	96.53	27.08
	41	50.74	13.16	59.78	15.27	68.75	19.60	71.58	21.17	78.38	23.32	87.15	27.25	96.53	31.46
	43	50.74	14.36	59.78	15.80	68.75	21.18	71.58	23.55	78.38	25.50	87.15	29.38	96.53	33.89
50%	-5	42.29	5.33	49.81	6.52	57.29	7.53	59.65	8.00	64.98	8.57	72.61	9.82	80.34	11.02
	0	42.29	5.43	49.81	6.61	57.29	7.65	59.65	8.13	64.98	8.72	72.61	9.98	80.34	11.21
	5	42.29	5.58	49.81	6.77	57.29	7.84	59.65	8.32	64.98	8.94	72.61	10.20	80.34	11.46
	10	42.29	5.79	49.81	6.96	57.29	8.16	59.65	8.76	64.98	9.37	72.61	10.67	80.34	11.98
	15	42.29	6.03	49.81	7.18	57.29	8.55	59.65	9.17	64.98	9.86	72.61	11.17	80.34	12.55
	20	42.29	6.32	49.81	7.62	57.29	8.93	59.65	9.63	64.98	10.31	72.61	11.73	80.34	13.20
	25	42.29	6.67	49.81	7.98	57.29	9.42	59.65	10.24	64.98	11.12	72.61	12.92	80.34	14.80
	30	42.29	7.74	49.81	9.46	57.29	11.31	59.65	12.32	64.98	13.34	72.61	15.51	80.34	17.69
	35	42.29	9.22	49.81	11.26	57.29	13.50	59.65	14.59	64.98	15.82	72.61	18.33	80.34	20.95
	41	42.29	10.54	49.81	12.24	57.29	15.43	59.65	16.76	64.98	18.20	72.61	21.26	80.34	24.27
	43	42.29	11.74	49.81	13.43	57.29	16.86	59.65	18.48	64.98	19.69	72.61	23.02	80.34	26.63

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 38. Cooling capacity YV2VYT125KAS-D-X

YV2VYT125KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	115.41	16.56	136.38	20.22	157.05	23.70	167.58	26.76	174.40	26.12	179.47	23.68	182.98	21.64
	0	115.41	16.65	136.38	20.31	157.05	23.83	167.58	26.88	174.40	26.27	179.47	23.83	182.98	21.82
	5	115.41	16.80	136.38	20.46	157.05	24.01	167.58	27.07	174.40	26.48	179.47	24.04	182.98	22.07
	10	115.41	17.56	136.38	21.30	157.05	25.13	167.58	27.03	169.34	26.52	173.27	25.31	177.81	24.10
	15	115.41	18.41	136.38	22.30	157.05	26.27	161.90	26.98	164.18	26.68	167.58	26.68	172.75	26.79
	20	115.41	19.41	136.38	24.82	155.39	30.18	157.05	30.33	158.80	30.47	162.52	30.76	167.07	31.06
	25	115.41	23.45	136.38	29.94	149.71	34.24	151.36	34.28	153.64	34.54	157.67	34.84	162.00	35.35
	30	115.41	27.81	136.38	35.24	144.54	38.49	146.30	38.54	148.57	38.58	151.98	38.88	156.94	40.01
	35	115.41	33.13	135.25	41.82	139.48	42.32	141.24	42.62	142.89	42.83	146.82	43.13	151.26	43.64
	41	115.41	37.75	130.70	44.93	134.42	45.53	136.07	45.71	138.35	45.95	141.75	46.58	146.71	46.99
	43	115.41	40.78	127.60	46.16	131.01	46.88	133.28	47.53	135.56	48.01	138.97	48.62	143.30	49.37
120%	-5	106.63	15.33	125.64	18.28	145.16	20.74	154.26	23.26	165.93	25.17	175.54	25.57	179.57	23.76
	0	106.63	15.42	125.64	18.37	145.16	20.86	154.26	23.39	165.93	25.32	175.54	25.72	179.57	23.94
	5	106.63	15.57	125.64	18.52	145.16	21.04	154.26	23.57	165.93	25.53	175.54	25.93	179.57	24.19
	10	106.63	15.95	125.64	19.41	145.16	22.87	154.26	24.64	163.66	26.39	170.48	26.20	174.51	25.08
	15	106.63	16.73	125.64	20.33	145.16	24.03	154.26	25.79	161.90	27.06	165.31	26.57	169.34	26.36
	20	106.63	17.56	125.64	22.00	145.16	27.27	154.26	30.05	156.53	30.28	159.63	30.53	163.66	30.83
	25	106.63	20.87	125.64	26.57	145.16	32.88	149.09	34.24	151.36	34.24	154.77	34.54	158.59	34.84
	30	106.63	24.54	125.64	31.72	141.75	37.98	144.03	38.30	146.30	38.37	149.09	38.79	152.91	39.09
	35	106.63	29.50	125.64	37.51	136.69	42.02	138.97	42.32	140.62	42.53	144.03	42.83	147.85	43.34
	41	106.63	33.91	125.64	43.55	131.53	45.12	133.28	45.08	135.56	45.12	138.97	46.58	142.79	46.58
	43	106.63	36.52	125.64	45.86	128.74	46.25	130.39	46.84	132.15	47.50	135.56	48.13	139.89	48.65
110%	-5	97.53	13.53	115.41	16.48	132.66	19.44	141.24	21.13	150.23	22.57	172.75	26.86	177.30	25.37
	0	97.53	13.62	115.41	16.57	132.66	19.56	141.24	21.25	150.23	22.73	172.75	27.02	177.30	25.55
	5	97.53	13.77	115.41	16.72	132.66	19.74	141.24	21.43	150.23	22.94	172.75	27.23	177.30	25.79
	10	97.53	14.39	115.41	17.51	132.66	20.69	141.24	22.30	150.23	23.89	167.58	27.07	171.61	26.09
	15	97.53	15.08	115.41	18.34	132.66	21.66	141.24	23.24	150.23	25.01	161.90	26.94	165.93	26.52
	20	97.53	15.85	115.41	19.32	132.66	23.88	141.24	26.29	150.23	28.83	157.05	30.34	160.87	30.58
	25	97.53	18.42	115.41	23.36	132.66	28.83	141.24	33.59	146.30	35.28	149.71	35.58	153.53	36.00
	30	97.53	22.04	115.41	27.90	132.66	34.63	141.24	37.75	142.37	38.07	146.30	38.58	150.12	38.79
	35	97.53	26.04	115.41	33.03	132.66	40.16	136.07	42.02	137.83	42.12	141.24	42.62	144.96	42.93
	41	97.53	30.26	115.41	38.53	128.74	44.43	131.01	45.50	132.66	45.26	135.56	46.18	139.89	46.81
	43	97.53	32.81	115.41	41.28	125.33	44.96	128.12	46.02	129.87	47.02	132.66	47.62	136.48	48.45
100%	-5	88.75	12.49	104.66	14.72	120.26	17.55	125.10	19.04	136.69	20.07	152.50	22.92	173.89	26.79
	0	88.75	12.58	104.66	14.81	120.26	17.67	125.10	19.16	136.69	20.22	152.50	23.07	173.89	26.97
	5	88.75	12.74	104.66	14.96	120.26	17.86	125.10	19.34	136.69	20.44	152.50	23.28	173.89	27.21
	10	88.75	12.85	104.66	15.65	120.26	18.47	125.10	19.93	136.69	21.36	152.50	24.29	168.20	27.06
	15	88.75	13.45	104.66	16.38	120.26	19.36	125.10	20.88	136.69	22.38	152.50	25.44	162.52	26.92
	20	88.75	14.16	104.66	17.21	120.26	20.69	125.10	22.78	136.69	24.93	152.50	29.51	157.46	30.34
	25	88.75	16.09	104.66	20.33	120.26	25.01	125.10	27.51	136.69	30.09	149.09	34.03	152.40	34.33
	30	88.75	19.17	104.66	24.24	120.26	29.86	125.10	32.71	136.69	35.65	143.51	38.07	146.71	38.58
	35	88.75	22.78	104.66	28.77	120.26	35.37	125.10	37.10	135.56	41.82	138.35	42.32	141.65	42.62
	41	88.75	26.40	104.66	33.23	120.26	41.10	124.20	43.35	130.39	45.38	133.28	45.77	136.48	46.00
	43	88.75	29.06	104.66	35.79	120.26	43.83	123.10	45.00	127.08	46.16	130.39	46.99	133.70	47.43

To be continued

Continued

YV2VYT125KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	79.88	10.61	94.20	13.01	108.24	15.38	112.59	16.55	123.05	17.76	137.21	20.23	151.78	22.69
	0	79.88	10.70	94.20	13.10	108.24	15.50	112.59	16.67	123.05	17.91	137.21	20.38	151.78	22.87
	5	79.88	10.85	94.20	13.25	108.24	15.69	112.59	16.85	123.05	18.12	137.21	20.59	151.78	23.12
	10	79.88	11.36	94.20	13.80	108.24	16.32	112.59	17.59	123.05	18.89	137.21	21.52	151.78	24.15
	15	79.88	11.93	94.20	14.43	108.24	17.06	112.59	18.41	123.05	19.80	137.21	22.50	151.78	25.26
	20	79.88	12.53	94.20	15.18	108.24	17.94	112.59	19.45	123.05	21.26	137.21	25.13	151.78	29.21
	25	79.88	13.90	94.20	17.51	108.24	21.42	112.59	23.51	123.05	25.71	137.21	30.33	148.99	34.03
	30	79.88	16.62	94.20	20.92	108.24	25.60	112.59	28.08	123.05	30.69	137.21	36.36	143.92	38.07
	35	79.88	19.69	94.20	24.72	108.24	30.29	112.59	33.20	123.05	36.36	135.56	41.82	138.76	42.12
	41	79.88	22.67	94.20	28.70	108.24	35.14	112.59	36.80	123.05	42.02	130.39	45.35	132.56	45.77
	43	79.88	24.85	94.20	30.64	108.24	37.56	112.59	40.56	123.05	42.93	127.08	44.70	129.67	46.99
80%	-5	71.00	9.32	83.73	11.34	96.21	13.30	100.08	14.42	108.90	15.35	121.92	17.56	135.35	19.52
	0	71.00	9.41	83.73	11.43	96.21	13.42	100.08	14.54	108.90	15.51	121.92	17.71	135.35	19.70
	5	71.00	9.56	83.73	11.58	96.21	13.60	100.08	14.72	108.90	15.72	121.92	17.92	135.35	19.94
	10	71.00	9.95	83.73	12.04	96.21	14.19	100.08	15.37	108.90	16.43	121.92	18.73	135.35	21.01
	15	71.00	10.39	83.73	12.59	96.21	14.88	100.08	16.03	108.90	17.21	121.92	19.62	135.35	22.05
	20	71.00	10.91	83.73	13.21	96.21	15.60	100.08	16.82	108.90	18.10	121.92	21.01	135.35	25.20
	25	71.00	11.83	83.73	14.82	96.21	18.10	100.08	19.80	108.90	21.60	121.92	25.42	135.35	31.20
	30	71.00	14.18	83.73	17.75	96.21	21.60	100.08	23.69	108.90	25.80	121.92	30.34	135.35	35.35
	35	71.00	16.82	83.73	21.00	96.21	25.60	100.08	28.05	108.90	30.58	121.92	35.86	135.35	41.61
	41	71.00	19.62	83.73	24.39	96.21	29.61	100.08	32.52	108.90	35.65	121.92	41.72	129.15	45.17
	43	71.00	22.43	83.73	26.08	96.21	31.62	100.08	35.25	108.90	38.72	121.92	43.13	122.95	46.18
70%	-5	62.13	7.92	73.26	9.62	84.19	11.23	87.57	12.25	95.57	13.08	106.63	14.96	118.40	12.92
	0	62.13	8.02	73.26	9.71	84.19	11.35	87.57	12.37	95.57	13.23	106.63	15.11	118.40	13.10
	5	62.13	8.17	73.26	9.86	84.19	11.53	87.57	12.56	95.57	13.44	106.63	15.32	118.40	13.35
	10	62.13	8.53	73.26	10.27	84.19	12.13	87.57	13.08	95.57	14.04	106.63	16.00	118.40	18.00
	15	62.13	8.90	73.26	10.76	84.19	12.72	87.57	13.69	95.57	14.68	106.63	16.73	118.40	18.84
	20	62.13	9.36	73.26	11.30	84.19	13.36	87.57	14.39	95.57	15.45	106.63	17.59	118.40	19.99
	25	62.13	9.90	73.26	12.33	84.19	14.96	87.57	16.38	95.57	17.84	106.63	20.92	118.40	24.16
	30	62.13	11.89	73.26	14.75	84.19	17.94	87.57	19.61	95.57	21.31	106.63	24.96	118.40	28.85
	35	62.13	14.14	73.26	17.51	84.19	21.23	87.57	23.22	95.57	25.22	106.63	29.56	118.40	34.24
	41	62.13	16.12	73.26	19.97	84.19	24.57	87.57	26.51	95.57	29.24	106.63	34.33	118.40	39.78
	43	62.13	17.17	73.26	21.17	84.19	27.14	87.57	29.43	95.57	31.64	106.63	36.99	118.40	43.07
60%	-5	53.25	6.61	62.80	8.05	72.16	9.41	75.06	10.26	82.45	10.86	91.54	12.27	101.36	13.75
	0	53.25	6.70	62.80	8.15	72.16	9.53	75.06	10.38	82.45	11.01	91.54	12.42	101.36	13.93
	5	53.25	6.85	62.80	8.30	72.16	9.71	75.06	10.56	82.45	11.22	91.54	12.63	101.36	14.17
	10	53.25	7.16	62.80	8.64	72.16	10.13	75.06	11.01	82.45	11.71	91.54	13.32	101.36	14.96
	15	53.25	7.50	62.80	9.01	72.16	10.62	75.06	11.45	82.45	12.25	91.54	13.93	101.36	15.70
	20	53.25	7.86	62.80	9.45	72.16	11.11	75.06	11.99	82.45	12.85	91.54	14.67	101.36	16.48
	25	53.25	8.23	62.80	10.03	72.16	12.13	75.06	13.22	82.45	14.39	91.54	16.79	101.36	19.31
	30	53.25	9.75	62.80	12.07	72.16	15.55	75.06	15.85	82.45	17.19	91.54	20.04	101.36	23.07
	35	53.25	11.59	62.80	14.33	72.16	17.22	75.06	18.78	82.45	20.39	91.54	23.71	101.36	27.30
	41	53.25	13.28	62.80	15.38	72.16	19.77	75.06	21.33	82.45	23.51	91.54	27.47	101.36	31.72
	43	53.25	14.49	62.80	15.92	72.16	21.34	75.06	23.73	82.45	25.70	91.54	29.62	101.36	34.14
50%	-5	44.38	5.39	52.33	6.58	60.13	7.61	62.55	8.09	68.29	8.66	76.25	9.93	84.41	11.14
	0	44.38	5.48	52.33	6.67	60.13	7.73	62.55	8.21	68.29	8.81	76.25	10.08	84.41	11.32
	5	44.38	5.63	52.33	6.83	60.13	7.91	62.55	8.39	68.29	9.02	76.25	10.29	84.41	11.56
	10	44.38	5.85	52.33	7.02	60.13	8.23	62.55	8.83	68.29	9.45	76.25	10.76	84.41	12.07
	15	44.38	6.09	52.33	7.24	60.13	8.63	62.55	9.25	68.29	9.94	76.25	11.27	84.41	12.66
	20	44.38	6.38	52.33	7.69	60.13	9.01	62.55	9.72	68.29	10.39	76.25	11.83	84.41	13.31
	25	44.38	6.73	52.33	8.05	60.13	9.50	62.55	10.33	68.29	11.22	76.25	13.02	84.41	14.93
	30	44.38	7.81	52.33	9.55	60.13	11.41	62.55	12.43	68.29	13.45	76.25	15.64	84.41	17.84
	35	44.38	9.30	52.33	11.36	60.13	13.61	62.55	14.71	68.29	15.95	76.25	18.47	84.41	21.11
	41	44.38	10.64	52.33	12.35	60.13	15.56	62.55	16.90	68.29	18.35	76.25	21.43	84.41	24.47
	43	44.38	11.85	52.33	13.54	60.13	16.99	62.55	18.63	68.29	19.85	76.25	23.20	84.41	26.85

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 39. Cooling capacity YV2VYT132KAS-D-X

YV2VYT132KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	121.49	18.05	143.49	22.16	165.29	26.14	176.45	29.64	183.58	28.82	188.95	26.13	192.56	23.38
	0	121.49	18.15	143.49	22.25	165.29	26.26	176.45	29.77	183.58	28.98	188.95	26.29	192.56	23.57
	5	121.49	18.30	143.49	22.41	165.29	26.45	176.45	29.96	183.58	29.21	188.95	26.52	192.56	23.83
	10	121.49	19.29	143.49	23.49	165.29	27.78	176.45	29.92	178.21	29.35	182.34	28.00	187.19	26.63
	15	121.49	20.27	143.49	24.61	165.29	29.08	170.46	29.87	172.83	29.53	176.45	29.48	181.82	29.63
	20	121.49	21.37	143.49	27.45	163.54	33.47	165.29	33.64	167.05	33.79	171.08	34.13	175.83	34.46
	25	121.49	25.91	143.49	33.20	157.54	38.02	159.30	38.12	161.68	38.33	165.91	38.65	170.46	39.17
	30	121.49	30.74	143.49	39.74	152.17	42.85	153.93	42.85	156.30	42.85	159.92	43.16	165.08	44.74
	35	121.49	36.86	142.36	46.52	146.80	47.15	148.56	47.36	150.42	47.68	154.55	47.99	159.20	48.62
	41	121.49	41.59	137.61	49.78	141.43	50.41	143.29	50.72	145.66	51.04	149.18	51.98	154.34	52.51
	43	121.49	45.05	134.30	51.35	137.92	52.19	140.29	53.14	142.67	53.77	146.18	54.55	150.83	55.87
120%	-5	112.19	16.78	132.23	20.07	152.79	22.53	162.30	25.59	174.59	27.76	184.71	28.16	188.95	25.96
	0	112.19	16.87	132.23	20.16	152.79	22.66	162.30	25.72	174.59	27.92	184.71	28.32	188.95	26.15
	5	112.19	17.03	132.23	20.32	152.79	22.85	162.30	25.91	174.59	28.14	184.71	28.54	188.95	26.40
	10	112.19	17.49	132.23	21.37	152.79	25.25	162.30	27.23	172.21	29.21	179.45	28.98	183.58	27.72
	15	112.19	18.36	132.23	22.41	152.79	26.57	162.30	28.54	170.46	29.96	174.07	29.42	178.20	29.05
	20	112.19	19.29	132.23	24.28	152.79	30.19	162.30	33.31	164.67	33.58	168.08	33.86	172.32	34.18
	25	112.19	23.01	132.23	29.42	152.79	36.48	156.92	38.02	159.30	38.02	162.92	38.44	166.94	38.65
	30	112.19	27.00	132.23	35.18	149.18	42.22	151.55	42.53	153.93	42.64	156.92	43.16	160.95	43.48
	35	112.19	32.70	132.23	41.73	143.80	46.84	146.18	47.05	148.04	47.36	151.55	47.68	155.58	48.31
	41	112.19	37.39	132.23	48.62	138.43	49.78	140.29	49.88	142.67	49.88	146.18	51.98	150.21	51.98
	43	112.19	40.12	132.23	51.04	135.54	51.35	137.30	52.19	139.05	53.14	142.67	54.08	147.21	54.81
110%	-5	102.69	14.70	121.49	18.05	139.67	21.37	148.56	23.24	158.16	24.77	181.82	29.76	186.57	27.94
	0	102.69	14.80	121.49	18.15	139.67	21.50	148.56	23.36	158.16	24.93	181.82	29.92	186.57	28.13
	5	102.69	14.95	121.49	18.30	139.67	21.69	148.56	23.56	158.16	25.15	181.82	30.14	186.57	28.39
	10	102.69	15.73	121.49	19.24	139.67	22.80	148.56	24.61	158.16	26.40	176.45	29.96	180.58	28.87
	15	102.69	16.49	121.49	20.17	139.67	23.89	148.56	25.63	158.16	27.66	170.46	29.80	174.69	29.35
	20	102.69	17.37	121.49	21.26	139.67	26.40	148.56	29.08	158.16	31.95	165.29	33.64	169.32	33.91
	25	102.69	20.27	121.49	25.79	139.67	31.95	148.56	37.90	153.93	39.59	157.54	39.91	161.57	40.43
	30	102.69	24.33	121.49	30.90	139.67	38.33	148.56	41.90	149.80	42.32	153.93	42.85	157.96	43.16
	35	102.69	28.81	121.49	36.66	139.67	45.37	143.29	46.73	145.04	46.84	148.56	47.36	152.58	47.78
	41	102.69	33.43	121.49	42.70	135.54	50.41	137.92	50.72	139.67	50.41	142.67	51.56	147.21	52.51
	43	102.69	36.23	121.49	45.58	131.92	50.09	134.92	51.35	136.68	52.82	139.67	53.45	143.70	54.61
100%	-5	93.39	13.66	110.13	16.08	126.55	19.29	131.70	20.61	143.80	22.03	160.54	25.14	182.96	29.69
	0	93.39	13.76	110.13	16.17	126.55	19.42	131.70	20.74	143.80	22.19	160.54	25.30	182.96	29.89
	5	93.39	13.91	110.13	16.33	126.55	19.61	131.70	20.93	143.80	22.41	160.54	25.52	182.96	30.14
	10	93.39	14.02	110.13	17.15	126.55	20.32	131.70	21.96	143.80	23.56	160.54	26.84	177.07	29.96
	15	93.39	14.68	110.13	17.97	126.55	21.32	131.70	23.01	143.80	24.70	160.54	28.14	171.08	29.80
	20	93.39	15.46	110.13	18.90	126.55	22.80	131.70	25.15	143.80	27.57	160.54	32.70	165.70	33.64
	25	93.39	17.63	110.13	22.41	126.55	27.66	131.70	30.47	143.80	33.36	156.92	37.81	160.33	38.12
	30	93.39	21.09	110.13	26.84	126.55	33.09	131.70	36.42	143.80	39.59	151.04	42.32	154.34	42.85
	35	93.39	25.15	110.13	31.88	126.55	39.29	131.70	40.11	142.67	46.52	145.66	47.05	148.97	47.36
	41	93.39	29.08	110.13	36.67	126.55	45.63	130.90	48.29	137.30	50.72	140.29	51.04	143.70	51.56
	43	93.39	31.88	110.13	39.55	126.55	48.43	130.00	50.15	133.68	51.35	137.30	52.51	140.70	53.45

To be continued

Continued

YV2VYT132KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	84.05	11.40	99.11	14.09	113.90	16.78	118.53	18.10	129.55	19.34	144.42	22.24	159.71	24.98
	0	84.05	11.50	99.11	14.19	113.90	16.91	118.53	18.23	129.55	19.50	144.42	22.40	159.71	25.17
	5	84.05	11.66	99.11	14.35	113.90	17.10	118.53	18.42	129.55	19.72	144.42	22.62	159.71	25.42
	10	84.05	12.32	99.11	15.07	113.90	17.91	118.53	19.33	129.55	20.77	144.42	23.73	159.71	26.70
	15	84.05	12.98	99.11	15.76	113.90	18.72	118.53	20.27	129.55	21.80	144.42	24.83	159.71	27.93
	20	84.05	13.65	99.11	16.60	113.90	19.72	118.53	21.41	129.55	23.44	144.42	27.78	159.71	32.38
	25	84.05	15.19	99.11	19.24	113.90	23.62	118.53	25.97	129.55	28.44	144.42	33.64	156.72	37.81
	30	84.05	18.24	99.11	23.07	113.90	28.32	118.53	31.11	129.55	34.03	144.42	40.43	151.45	42.32
	35	84.05	21.69	99.11	27.34	113.90	33.58	118.53	36.86	129.55	40.43	142.67	46.52	146.08	46.84
	41	84.05	24.97	99.11	31.67	113.90	38.96	118.53	40.22	129.55	46.84	137.30	50.52	139.46	51.04
	43	84.05	27.84	99.11	33.64	113.90	41.69	118.53	44.95	129.55	47.78	133.68	49.15	136.47	52.51
80%	-5	74.71	9.98	88.10	12.24	101.24	14.42	105.36	15.62	114.67	16.77	128.31	19.22	142.46	21.58
	0	74.71	10.08	88.10	12.34	101.24	14.54	105.36	15.75	114.67	16.93	128.31	19.38	142.46	21.77
	5	74.71	10.24	88.10	12.50	101.24	14.73	105.36	15.94	114.67	17.15	128.31	19.61	142.46	22.02
	10	74.71	10.74	88.10	13.11	101.24	15.50	105.36	16.76	114.67	18.03	128.31	20.59	142.46	23.17
	15	74.71	11.24	88.10	13.70	101.24	16.28	105.36	17.58	114.67	18.90	128.31	21.59	142.46	24.33
	20	74.71	11.84	88.10	14.41	101.24	17.10	105.36	18.45	114.67	19.90	128.31	23.17	142.46	28.11
	25	74.71	12.86	88.10	16.21	101.24	19.90	105.36	21.80	114.67	23.83	128.31	28.11	142.46	35.18
	30	74.71	15.50	88.10	19.50	101.24	23.83	105.36	26.18	114.67	28.54	128.31	33.64	142.46	39.17
	35	74.71	18.45	88.10	23.17	101.24	28.32	105.36	31.07	114.67	33.91	128.31	39.91	142.46	46.21
	41	74.71	21.75	88.10	26.70	101.24	32.70	105.36	36.00	114.67	39.59	128.31	46.52	135.95	50.41
	43	74.71	25.36	88.10	29.14	101.24	34.79	105.36	39.28	114.67	43.48	128.31	47.99	129.34	51.67
70%	-5	65.37	8.45	77.09	10.32	88.59	12.22	92.19	13.21	100.52	14.24	112.30	16.32	124.59	12.93
	0	65.37	8.55	77.09	10.42	88.59	12.35	92.19	13.34	100.52	14.40	112.30	16.47	124.59	13.12
	5	65.37	8.71	77.09	10.58	88.59	12.54	92.19	13.53	100.52	14.62	112.30	16.70	124.59	13.38
	10	65.37	9.15	77.09	11.11	88.59	13.20	92.19	14.25	100.52	15.34	112.30	17.54	124.59	19.77
	15	65.37	9.58	77.09	11.66	88.59	13.86	92.19	14.95	100.52	16.06	112.30	18.36	124.59	20.71
	20	65.37	10.08	77.09	12.27	88.59	14.59	92.19	15.73	100.52	16.94	112.30	19.33	124.59	22.02
	25	65.37	10.69	77.09	13.41	88.59	16.37	92.19	17.97	100.52	19.61	112.30	23.07	124.59	26.70
	30	65.37	12.93	77.09	16.16	88.59	19.72	92.19	21.59	100.52	23.49	112.30	27.61	124.59	31.95
	35	65.37	15.46	77.09	19.24	88.59	23.40	92.19	25.63	100.52	27.87	112.30	32.77	124.59	38.02
	41	65.37	17.63	77.09	21.80	88.59	27.00	92.19	29.08	100.52	32.28	112.30	38.02	124.59	44.11
	43	65.37	18.72	77.09	22.96	88.59	30.01	92.19	32.46	100.52	34.91	112.30	41.38	124.59	48.31
60%	-5	56.03	6.97	66.08	8.57	75.93	10.10	79.02	11.03	86.78	11.73	96.39	13.42	106.72	15.11
	0	56.03	7.07	66.08	8.66	75.93	10.23	79.02	11.16	86.78	11.89	96.39	13.58	106.72	15.30
	5	56.03	7.23	66.08	8.82	75.93	10.42	79.02	11.35	86.78	12.11	96.39	13.80	106.72	15.55
	10	56.03	7.61	66.08	9.26	75.93	10.96	79.02	11.84	86.78	12.72	96.39	14.52	106.72	16.37
	15	56.03	8.00	66.08	9.69	75.93	11.51	79.02	12.44	86.78	13.32	96.39	15.23	106.72	17.21
	20	56.03	8.39	66.08	10.18	75.93	12.05	79.02	13.04	86.78	14.02	96.39	16.06	106.72	18.08
	25	56.03	8.82	66.08	10.85	75.93	13.20	79.02	14.41	86.78	15.73	96.39	18.42	106.72	21.26
	30	56.03	10.51	66.08	13.14	75.93	15.94	79.02	17.37	86.78	18.90	96.39	22.07	106.72	25.49
	35	56.03	12.59	66.08	15.67	75.93	18.90	79.02	20.66	86.78	22.46	96.39	26.18	106.72	30.23
	41	56.03	14.35	66.08	17.81	75.93	21.69	79.02	23.73	86.78	25.86	96.39	30.29	106.72	35.07
	43	56.03	15.67	66.08	18.18	75.93	23.67	79.02	26.52	86.78	28.32	96.39	32.56	106.72	38.35
50%	-5	46.70	5.61	55.06	6.97	63.28	8.07	65.85	8.56	71.90	9.26	80.27	10.73	88.84	12.05
	0	46.70	5.70	55.06	7.07	63.28	8.20	65.85	8.68	71.90	9.42	80.27	10.89	88.84	12.24
	5	46.70	5.86	55.06	7.23	63.28	8.39	65.85	8.87	71.90	9.64	80.27	11.11	88.84	12.50
	10	46.70	6.13	55.06	7.46	63.28	8.82	65.85	9.48	71.90	10.18	80.27	11.66	88.84	13.14
	15	46.70	6.41	55.06	7.67	63.28	9.26	65.85	9.97	71.90	10.74	80.27	12.22	88.84	13.80
	20	46.70	6.73	55.06	8.21	63.28	9.69	65.85	10.47	71.90	11.24	80.27	12.86	88.84	14.52
	25	46.70	7.12	55.06	8.60	63.28	10.24	65.85	11.17	71.90	12.17	80.27	14.19	88.84	16.33
	30	46.70	8.33	55.06	10.30	63.28	12.38	65.85	13.53	71.90	14.68	80.27	17.15	88.84	19.61
	35	46.70	10.03	55.06	12.32	63.28	14.85	65.85	16.10	71.90	17.49	80.27	20.32	88.84	23.28
	41	46.70	11.38	55.06	13.11	63.28	16.94	65.85	18.45	71.90	20.05	80.27	23.35	88.84	26.84
	43	46.70	12.72	55.06	14.41	63.28	18.57	65.85	20.11	71.90	21.69	80.27	25.49	88.84	29.32

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 40. Cooling capacity YV2VYT135KAS-D-X

YV2VYT135KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-5	125.90	18.67	148.79	22.92	171.37	27.04	182.82	30.67	190.24	29.82	195.81	27.04	199.83	24.20
	0	125.90	18.77	148.79	23.02	171.37	27.17	182.82	30.79	190.24	29.98	195.81	27.20	199.83	24.39
	5	125.90	18.93	148.79	23.17	171.37	27.36	182.82	30.98	190.24	30.20	195.81	27.42	199.83	24.64
	10	125.90	19.96	148.79	24.30	171.37	28.73	182.82	30.95	184.67	30.36	189.00	28.95	194.26	27.55
	15	125.90	20.96	148.79	25.45	171.37	30.08	176.63	30.89	179.10	30.54	182.82	30.48	188.69	30.64
	20	125.90	22.11	148.79	28.39	169.51	34.60	171.37	34.79	173.23	34.95	177.25	35.29	182.51	35.63
	25	125.90	26.80	148.79	34.32	163.33	39.35	165.18	39.35	167.66	39.66	171.99	39.98	176.94	40.60
	30	125.90	31.79	148.79	41.13	157.76	44.35	159.62	44.35	162.09	44.35	165.80	44.66	171.37	46.22
	35	125.90	38.10	147.55	48.10	152.19	48.72	154.05	49.03	155.90	49.35	160.23	49.66	165.18	50.28
	41	125.90	43.10	142.60	51.53	146.62	52.16	148.48	52.47	150.95	52.78	154.67	53.72	160.23	54.34
	43	125.90	46.53	139.20	53.09	142.91	54.03	145.39	54.97	147.86	55.59	151.57	56.40	156.52	57.22
120%	-5	116.31	17.36	137.03	20.77	158.38	23.33	168.28	26.48	180.96	28.73	191.48	29.14	196.12	26.86
	0	116.31	17.46	137.03	20.86	158.38	23.45	168.28	26.61	180.96	28.89	191.48	29.29	196.12	27.04
	5	116.31	17.61	137.03	21.02	158.38	23.64	168.28	26.80	180.96	29.11	191.48	29.51	196.12	27.30
	10	116.31	18.08	137.03	22.11	158.38	26.11	168.28	28.17	178.49	30.20	185.91	29.98	190.55	28.67
	15	116.31	18.99	137.03	23.17	158.38	27.48	168.28	29.51	176.63	30.98	180.34	30.42	184.98	30.04
	20	116.31	19.96	137.03	25.11	158.38	31.23	168.28	34.45	170.75	34.73	174.15	35.01	178.79	35.35
	25	116.31	23.80	137.03	30.42	158.38	37.73	162.71	39.35	165.18	39.35	168.90	39.66	173.23	39.98
	30	116.31	27.92	137.03	36.38	154.67	43.72	157.14	44.04	159.62	44.04	162.71	44.66	167.04	44.97
	35	116.31	33.82	137.03	43.16	149.10	48.41	151.57	48.72	153.43	49.03	157.14	49.35	161.47	49.97
	41	116.31	38.73	137.03	50.28	143.53	51.53	145.39	51.53	147.86	51.53	151.57	53.72	155.90	53.72
	43	116.31	41.54	137.03	52.78	140.44	53.09	142.29	54.03	144.15	54.97	147.86	55.90	152.81	56.68
110%	-5	106.41	15.21	125.90	18.67	144.77	22.11	154.05	24.05	163.95	25.64	188.38	30.79	193.64	28.92
	0	106.41	15.30	125.90	18.77	144.77	22.24	154.05	24.17	163.95	25.80	188.38	30.95	193.64	29.11
	5	106.41	15.46	125.90	18.93	144.77	22.42	154.05	24.36	163.95	26.02	188.38	31.17	193.64	29.36
	10	106.41	16.27	125.90	19.89	144.77	23.58	154.05	25.45	163.95	27.30	182.82	30.98	187.46	29.86
	15	106.41	17.05	125.90	20.86	144.77	24.70	154.05	26.52	163.95	28.61	176.63	30.83	181.27	30.36
	20	106.41	17.96	125.90	21.99	144.77	27.30	154.05	30.08	163.95	33.04	171.37	34.79	175.70	35.07
	25	106.41	20.96	125.90	26.67	144.77	33.04	154.05	39.20	159.62	40.91	163.33	41.23	167.66	41.85
	30	106.41	25.17	125.90	31.95	144.77	39.66	154.05	43.41	155.29	43.72	159.62	44.35	163.95	44.66
	35	106.41	29.79	125.90	37.91	144.77	46.85	148.48	48.41	150.34	48.41	154.05	49.03	158.38	49.35
	41	106.41	34.57	125.90	44.13	140.44	52.16	142.91	52.47	144.77	52.16	147.86	53.41	152.81	54.34
	43	106.41	37.48	125.90	47.16	136.73	51.84	139.82	53.09	141.67	54.65	144.77	55.28	149.10	56.53
100%	-5	96.82	14.15	114.14	16.64	131.16	19.95	135.00	21.33	149.10	22.80	166.42	26.01	189.93	30.73
	0	96.82	14.24	114.14	16.74	131.16	20.08	135.00	21.45	149.10	22.95	166.42	26.17	189.93	30.92
	5	96.82	14.40	114.14	16.90	131.16	20.27	135.00	21.64	149.10	23.17	166.42	26.39	189.93	31.17
	10	96.82	14.49	114.14	17.74	131.16	21.02	135.00	22.71	149.10	24.36	166.42	27.76	183.74	30.98
	15	96.82	15.18	114.14	18.58	131.16	22.05	135.00	23.80	149.10	25.55	166.42	29.11	177.56	30.83
	20	96.82	15.99	114.14	19.55	131.16	23.58	135.00	26.02	149.10	28.51	166.42	33.82	171.99	34.79
	25	96.82	18.24	114.14	23.17	131.16	28.61	135.00	31.51	149.10	34.51	162.71	39.04	166.42	39.35
	30	96.82	21.80	114.14	27.76	131.16	34.23	135.00	37.67	149.10	40.91	156.52	43.72	160.23	44.35
	35	96.82	26.02	114.14	32.98	131.16	40.63	135.00	41.85	147.86	48.10	150.95	48.72	154.67	49.03
	41	96.82	30.08	114.14	37.98	131.16	47.19	134.40	49.97	142.29	52.47	145.39	52.78	149.10	53.41
	43	96.82	32.98	114.14	40.85	131.16	50.10	133.50	51.84	138.58	53.09	142.29	54.34	146.01	55.28

To be continued

Continued

YV2VYT135KAS-D-X		Cooling Capacity													
Capacity Factor (%)	Outdoor Temp (°C WB)	Indoor Temp. (°C WB)													
		14 (°C)		16 (°C)		18 (°C)		19.4 (°C)		20 (°C)		22 (°C)		24 (°C)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	-5	87.14	11.80	102.73	14.58	118.04	17.36	121.50	18.74	134.25	20.02	149.72	23.01	165.80	25.86
	0	87.14	11.90	102.73	14.68	118.04	17.49	121.50	18.86	134.25	20.17	149.72	23.17	165.80	26.05
	5	87.14	12.06	102.73	14.83	118.04	17.68	121.50	19.05	134.25	20.39	149.72	23.39	165.80	26.30
	10	87.14	12.74	102.73	15.58	118.04	18.52	121.50	19.99	134.25	21.49	149.72	24.55	165.80	27.61
	15	87.14	13.43	102.73	16.30	118.04	19.36	121.50	20.96	134.25	22.55	149.72	25.67	165.80	28.89
	20	87.14	14.12	102.73	17.18	118.04	20.39	121.50	22.14	134.25	24.24	149.72	28.73	165.80	33.48
	25	87.14	15.71	102.73	19.89	118.04	24.42	121.50	26.86	134.25	29.42	149.72	34.79	162.71	39.04
	30	87.14	18.86	102.73	23.86	118.04	29.30	121.50	32.17	134.25	35.20	149.72	41.85	157.14	43.72
	35	87.14	22.42	102.73	28.26	118.04	34.73	121.50	38.10	134.25	41.85	147.86	48.10	151.57	48.41
	41	87.14	25.83	102.73	32.76	118.04	40.29	121.50	41.54	134.25	48.41	142.29	52.16	144.77	52.78
	43	87.14	28.80	102.73	34.79	118.04	43.10	121.50	46.53	134.25	49.35	138.58	50.91	141.67	54.34
80%	-5	77.46	10.34	91.32	12.68	104.93	14.93	108.00	16.18	118.78	17.36	133.01	19.89	147.86	22.33
	0	77.46	10.43	91.32	12.77	104.93	15.05	108.00	16.30	118.78	17.52	133.01	20.05	147.86	22.52
	5	77.46	10.59	91.32	12.93	104.93	15.24	108.00	16.49	118.78	17.74	133.01	20.27	147.86	22.77
	10	77.46	11.12	91.32	13.55	104.93	16.02	108.00	17.33	118.78	18.65	133.01	21.30	147.86	23.95
	15	77.46	11.62	91.32	14.18	104.93	16.83	108.00	18.18	118.78	19.55	133.01	22.33	147.86	25.17
	20	77.46	12.24	91.32	14.90	104.93	17.68	108.00	19.08	118.78	20.58	133.01	23.95	147.86	29.08
	25	77.46	13.30	91.32	16.77	104.93	20.58	108.00	22.55	118.78	24.64	133.01	29.08	147.86	36.38
	30	77.46	16.02	91.32	20.18	104.93	24.64	108.00	27.08	118.78	29.51	133.01	34.79	147.86	40.60
	35	77.46	19.08	91.32	23.95	104.93	29.30	108.00	32.14	118.78	35.07	133.01	41.23	147.86	47.78
	41	77.46	22.49	91.32	27.61	104.93	33.82	108.00	37.23	118.78	40.91	133.01	48.10	141.06	52.16
	43	77.46	26.23	91.32	30.14	104.93	35.98	108.00	40.60	118.78	44.97	133.01	49.66	134.25	53.41
70%	-5	67.77	8.74	79.90	10.68	91.81	12.65	94.50	13.68	104.25	14.74	116.31	16.89	129.30	13.39
	0	67.77	8.84	79.90	10.77	91.81	12.77	94.50	13.80	104.25	14.90	116.31	17.05	129.30	13.58
	5	67.77	8.99	79.90	10.93	91.81	12.96	94.50	13.99	104.25	15.12	116.31	17.27	129.30	13.84
	10	67.77	9.46	79.90	11.49	91.81	13.65	94.50	14.74	104.25	15.87	116.31	18.15	129.30	20.46
	15	67.77	9.90	79.90	12.06	91.81	14.34	94.50	15.46	104.25	16.62	116.31	18.99	129.30	21.42
	20	67.77	10.43	79.90	12.68	91.81	15.08	94.50	16.27	104.25	17.52	116.31	19.99	129.30	22.77
	25	67.77	11.06	79.90	13.87	91.81	16.93	94.50	18.58	104.25	20.27	116.31	23.86	129.30	27.61
	30	67.77	13.37	79.90	16.71	91.81	20.39	94.50	22.33	104.25	24.30	116.31	28.55	129.30	33.04
	35	67.77	15.99	79.90	19.89	91.81	24.20	94.50	26.52	104.25	28.83	116.31	33.89	129.30	39.35
	41	67.77	18.24	79.90	22.55	91.81	27.92	94.50	30.08	104.25	33.39	116.31	39.35	129.30	45.60
	43	67.77	19.36	79.90	23.74	91.81	31.04	94.50	33.57	104.25	36.10	116.31	42.79	129.30	49.97
60%	-5	58.09	7.21	68.49	8.87	78.69	10.46	81.00	11.43	90.02	12.15	99.91	13.90	110.74	15.64
	0	58.09	7.31	68.49	8.96	78.69	10.59	81.00	11.55	90.02	12.30	99.91	14.05	110.74	15.83
	5	58.09	7.46	68.49	9.12	78.69	10.77	81.00	11.74	90.02	12.52	99.91	14.27	110.74	16.08
	10	58.09	7.87	68.49	9.59	78.69	11.34	81.00	12.24	90.02	13.15	99.91	15.02	110.74	16.93
	15	58.09	8.28	68.49	10.03	78.69	11.90	81.00	12.87	90.02	13.77	99.91	15.74	110.74	17.80
	20	58.09	8.68	68.49	10.52	78.69	12.46	81.00	13.49	90.02	14.49	99.91	16.62	110.74	18.71
	25	58.09	9.12	68.49	11.21	78.69	13.65	81.00	14.90	90.02	16.27	99.91	19.05	110.74	21.99
	30	58.09	10.87	68.49	13.59	78.69	16.49	81.00	17.96	90.02	19.55	99.91	22.83	110.74	26.36
	35	58.09	13.02	68.49	16.21	78.69	19.55	81.00	21.36	90.02	23.24	99.91	27.08	110.74	31.26
	41	58.09	14.83	68.49	18.43	78.69	22.42	81.00	24.55	90.02	26.73	99.91	31.33	110.74	36.26
	43	58.09	16.21	68.49	18.80	78.69	24.49	81.00	27.42	90.02	29.30	99.91	33.67	110.74	39.66
50%	-5	48.41	5.81	57.07	7.21	65.58	8.37	67.50	8.87	74.55	9.59	83.21	11.12	92.18	12.49
	0	48.41	5.90	57.07	7.31	65.58	8.49	67.50	8.99	74.55	9.74	83.21	11.27	92.18	12.68
	5	48.41	6.06	57.07	7.46	65.58	8.68	67.50	9.18	74.55	9.96	83.21	11.49	92.18	12.93
	10	48.41	6.34	57.07	7.71	65.58	9.12	67.50	9.81	74.55	10.52	83.21	12.06	92.18	13.59
	15	48.41	6.62	57.07	7.93	65.58	9.59	67.50	10.31	74.55	11.12	83.21	12.65	92.18	14.27
	20	48.41	6.96	57.07	8.49	65.58	10.03	67.50	10.84	74.55	11.62	83.21	13.30	92.18	15.02
	25	48.41	7.37	57.07	8.90	65.58	10.59	67.50	11.56	74.55	12.59	83.21	14.68	92.18	16.90
	30	48.41	8.62	57.07	10.65	65.58	12.80	67.50	13.99	74.55	15.18	83.21	17.74	92.18	20.27
	35	48.41	10.37	57.07	12.74	65.58	15.37	67.50	16.65	74.55	18.08	83.21	21.02	92.18	24.08
	41	48.41	11.77	57.07	13.55	65.58	17.52	67.50	19.08	74.55	20.74	83.21	24.14	92.18	27.76
	43	48.41	13.15	57.07	14.90	65.58	19.21	67.50	20.80	74.55	22.42	83.21	26.36	92.18	30.33

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

4.2. Outdoor heating capacity

Table 41. Heating capacity YV2VYT024KAS-D-X

YV2VYT024KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	17.41	4.00	17.41	4.24	17.41	4.47	17.41	4.59	17.41	4.71	17.41	4.95
	-12.6	-13	18.40	4.25	18.40	4.47	18.40	4.70	18.40	4.81	18.40	4.92	18.40	5.14
	-10.5	-11	19.27	4.47	19.27	4.68	19.27	4.89	19.27	5.00	19.27	5.11	19.27	5.30
	-9.5	-10	19.82	4.57	19.82	4.78	19.82	4.99	19.82	5.09	19.82	5.20	19.82	5.40
	-8.5	-9.1	20.26	4.66	20.26	4.87	20.26	5.06	20.26	5.16	20.26	5.25	20.26	5.46
	-7	-7.6	20.92	4.79	20.92	4.99	20.92	5.18	20.92	5.30	20.92	5.35	20.92	5.56
	-5	-5.6	21.90	4.95	21.90	5.14	21.90	5.30	21.90	5.40	21.90	5.51	21.90	5.67
	-3	-3.7	22.78	5.10	22.78	5.25	22.78	5.46	22.78	5.56	22.78	5.61	22.78	5.82
	0	-0.7	24.20	5.30	24.20	5.46	24.20	5.61	24.20	5.72	24.20	5.76	24.20	5.93
	3	2.2	25.73	5.46	25.73	5.61	25.73	5.76	25.73	5.82	25.73	5.93	25.73	6.08
	5	4.1	26.50	5.56	26.50	5.72	26.50	5.87	26.50	5.93	26.50	6.03	26.50	6.14
	8.3	6.1	27.38	5.67	27.38	5.82	27.38	5.93	27.38	6.03	27.38	6.08	27.38	6.23
	9	7.9	28.25	5.72	28.25	5.87	28.25	6.03	28.25	6.08	28.25	6.14	28.25	6.29
	11	9.8	29.24	5.82	29.24	5.93	29.24	6.08	29.24	6.14	29.24	6.23	29.24	6.34
	13	11.8	30.11	5.87	30.11	6.03	30.11	6.14	30.11	6.23	30.11	6.29	30.11	6.39
	15	13.7	30.99	5.97	30.99	6.08	30.99	6.18	30.99	6.29	30.99	6.34	30.99	6.34
	19	14.2	30.99	6.03	30.99	6.15	30.99	6.23	30.99	6.34	30.99	6.40	30.99	6.21
	21	15	30.99	6.07	30.99	6.20	30.99	6.30	30.99	6.38	30.99	6.30	30.99	6.15
120	-14.7	-15	17.41	4.33	17.41	4.55	17.41	4.77	17.41	4.88	17.41	4.99	17.41	5.20
	-12.6	-13	18.40	4.56	18.40	4.76	18.40	4.97	18.40	5.08	18.40	5.17	18.40	5.40
	-10.5	-11	19.27	4.76	19.27	4.95	19.27	5.14	19.27	5.25	19.27	5.35	19.27	5.56
	-9.5	-10	19.82	4.86	19.82	5.04	19.82	5.25	19.82	5.30	19.82	5.40	19.82	5.61
	-8.5	-9.1	20.26	4.93	20.26	5.11	20.26	5.30	20.26	5.40	20.26	5.51	20.26	5.67
	-7	-7.6	20.92	5.05	20.92	5.25	20.92	5.40	20.92	5.51	20.92	5.56	20.92	5.76
	-5	-5.6	21.90	5.20	21.90	5.35	21.90	5.56	21.90	5.61	21.90	5.72	21.90	5.87
	-3	-3.7	22.78	5.35	22.78	5.51	22.78	5.67	22.78	5.72	22.78	5.82	22.78	5.97
	0	-0.7	24.20	5.51	24.20	5.67	24.20	5.82	24.20	5.87	24.20	5.97	24.20	6.14
	3	2.2	25.73	5.67	25.73	5.82	25.73	5.97	25.73	6.03	25.73	6.08	25.73	6.23
	5	4.1	26.50	5.76	26.50	5.87	26.50	6.03	26.50	6.08	26.50	6.18	26.50	6.29
	8.3	6.1	27.38	5.82	27.38	5.97	27.38	6.14	27.38	6.18	27.38	6.23	27.38	6.39
	9	7.9	28.25	5.93	28.25	6.03	28.25	6.18	28.25	6.23	28.25	6.29	28.25	6.44
	11	9.8	29.24	5.97	29.24	6.14	29.24	6.23	29.13	6.29	29.13	6.34	28.58	6.23
	13	11.8	30.11	6.08	30.11	6.18	30.11	6.29	30.11	6.34	30.11	6.44	28.58	6.03
	15	13.7	30.99	6.14	30.99	6.23	30.99	6.34	30.99	6.39	30.77	6.29	28.58	5.76
	19	14.2	30.99	6.18	30.99	6.23	32.74	6.34	32.74	6.39	32.52	6.18	28.58	5.63
	21	15	30.99	6.25	30.99	6.23	33.62	6.34	33.62	6.39	33.40	5.99	28.58	5.52
110	-14.7	-15	17.41	4.65	17.41	4.85	17.41	5.04	17.41	5.14	17.41	5.25	17.41	5.46
	-12.6	-13	18.40	4.86	18.40	5.04	18.40	5.25	18.40	5.35	18.40	5.40	18.40	5.61
	-10.5	-11	19.27	5.04	19.27	5.20	19.27	5.40	19.27	5.51	19.27	5.56	19.27	5.76
	-9.5	-10	19.82	5.13	19.82	5.30	19.82	5.46	19.82	5.56	19.82	5.67	19.82	5.82
	-8.5	-9.1	20.26	5.20	20.26	5.35	20.26	5.56	20.26	5.61	20.26	5.72	20.26	5.87
	-7	-7.6	20.92	5.30	20.92	5.46	20.92	5.61	20.92	5.72	20.92	5.82	20.92	5.97
	-5	-5.6	21.90	5.46	21.90	5.61	21.90	5.76	21.90	5.82	21.90	5.93	21.90	6.08
	-3	-3.7	22.78	5.56	22.78	5.72	22.78	5.87	22.78	5.93	22.78	6.03	22.78	6.14
	0	-0.7	24.20	5.72	24.20	5.87	24.20	6.03	24.20	6.08	24.20	6.14	24.20	6.29
	3	2.2	25.73	5.87	25.73	6.03	25.73	6.14	25.73	6.18	25.73	6.29	25.73	6.39
	5	4.1	26.50	5.97	26.50	6.08	26.50	6.18	26.50	6.29	26.50	6.34	26.39	6.39
	8.3	6.1	27.38	6.03	27.38	6.14	27.38	6.29	27.38	6.34	27.38	6.39	26.39	6.14
	9	7.9	28.25	6.14	28.25	6.23	28.25	6.34	28.25	6.39	28.03	6.39	26.39	5.87
	11	9.8	29.24	6.18	29.13	6.29	29.13	6.39	29.13	6.39	28.03	6.14	26.39	5.67
	13	11.8	30.11	6.23	30.11	6.34	30.11	6.34	29.13	6.14	28.03	5.87	26.39	5.46
	15	13.7	30.99	6.29	30.99	6.39	30.11	6.14	29.13	5.93	28.03	5.67	26.39	5.25
	19	14.2	30.99	5.87	30.99	6.33	30.11	5.93	29.13	5.69	28.03	5.47	26.39	5.08
	21	15	30.99	5.93	30.99	6.15	30.11	5.61	29.13	5.51	28.03	5.32	26.39	5.00

To be continued

Continued

YV2VYT024KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	17.41	4.97	17.41	5.15	17.41	5.35	17.41	5.40	17.41	5.51	17.41	5.72
	-12.6	-13	18.40	5.16	18.40	5.35	18.40	5.51	18.40	5.56	18.40	5.67	18.40	5.82
	-10.5	-11	19.27	5.35	19.27	5.51	19.27	5.67	19.27	5.72	19.27	5.82	19.27	5.97
	-9.5	-10	19.82	5.40	19.82	5.56	19.82	5.72	19.82	5.82	19.82	5.87	19.82	6.03
	-8.5	-9.1	20.26	5.46	20.26	5.61	20.26	5.76	20.26	5.87	20.26	5.93	20.26	6.08
	-7	-7.6	20.92	5.56	20.92	5.72	20.92	5.87	20.92	5.93	20.92	6.03	20.92	6.18
	-5	-5.6	21.90	5.72	21.90	5.82	21.90	5.97	21.90	6.03	21.90	6.14	21.90	6.23
	-3	-3.7	22.78	5.82	22.78	5.93	22.78	6.08	22.78	6.14	22.78	6.18	22.78	6.34
	0	-0.7	24.20	5.97	24.20	6.08	24.20	6.18	24.20	6.29	24.20	6.34	23.87	6.44
	3	2.2	25.73	6.08	25.73	6.18	25.73	6.34	25.73	6.39	25.73	6.44	23.87	6.03
	5	4.1	26.50	6.14	26.50	6.29	26.50	6.39	26.50	6.44	25.73	6.23	23.87	5.76
	8.3	6.1	27.38	6.23	27.38	6.34	27.38	6.44	26.50	6.18	25.73	5.97	23.87	5.51
	9	7.9	28.25	6.29	28.25	6.39	27.38	6.18	26.50	5.97	25.73	5.72	23.87	5.30
	11	9.8	29.13	6.34	29.13	6.39	27.38	5.93	26.50	5.72	25.73	5.51	23.87	5.10
	13	11.8	30.11	6.39	29.13	6.14	27.38	5.72	26.50	5.51	25.73	5.30	23.87	4.90
	15	13.7	30.88	6.29	29.13	5.93	27.38	5.51	26.50	5.30	25.73	5.11	23.87	4.74
	19	14.2	30.88	6.13	29.13	5.72	27.38	5.37	26.50	5.08	25.73	4.91	23.87	4.60
	21	15	30.88	5.93	29.13	5.47	27.38	5.16	26.50	5.00	25.73	4.77	23.87	4.51
90	-14.7	-15	17.41	5.30	17.41	5.46	17.41	5.61	17.41	5.72	17.41	5.76	17.41	5.93
	-12.6	-13	18.40	5.46	18.40	5.61	18.40	5.76	18.40	5.82	18.40	5.93	18.40	6.08
	-10.5	-11	19.27	5.61	19.27	5.76	19.27	5.93	19.27	5.97	19.27	6.03	19.27	6.18
	-9.5	-10	19.82	5.67	19.82	5.82	19.82	5.97	19.82	6.03	19.82	6.08	19.82	6.23
	-8.5	-9.1	20.26	5.72	20.26	5.87	20.26	6.03	20.26	6.08	20.26	6.14	20.26	6.29
	-7	-7.6	20.92	5.82	20.92	5.97	20.92	6.08	20.92	6.18	20.92	6.23	20.92	6.34
	-5	-5.6	21.90	5.93	21.90	6.08	21.90	6.18	21.90	6.23	21.90	6.34	21.46	6.44
	-3	-3.7	22.78	6.03	22.78	6.18	22.78	6.29	22.78	6.34	22.78	6.39	21.46	6.18
	0	-0.7	24.20	6.18	24.20	6.29	24.20	6.39	23.87	6.44	23.11	6.18	21.46	5.72
	3	2.2	25.73	6.29	25.73	6.39	24.64	6.23	23.87	6.03	23.11	5.76	21.46	5.35
	5	4.1	26.50	6.34	26.17	6.39	24.64	5.97	23.87	5.76	23.11	5.51	21.46	5.11
	8.3	6.1	27.38	6.39	26.17	6.14	24.64	5.72	23.87	5.51	23.11	5.30	21.46	4.91
	9	7.9	27.92	6.29	26.17	5.87	24.64	5.51	23.87	5.30	23.11	5.10	21.46	4.73
	11	9.8	27.92	6.03	26.17	5.67	24.64	5.30	23.87	5.10	23.11	4.91	21.46	4.55
	13	11.8	27.92	5.82	26.17	5.46	24.64	5.08	23.87	4.90	23.11	4.73	21.46	4.39
	15	13.7	27.92	5.61	26.17	5.25	24.64	4.90	23.87	4.74	23.11	4.57	21.46	4.23
	19	14.2	27.92	5.47	26.17	5.10	24.64	4.75	23.87	4.59	23.11	4.41	21.46	4.08
	21	15	27.92	5.27	26.17	4.91	24.64	4.66	23.87	4.44	23.11	4.24	21.46	3.92
80	-14.7	-15	17.41	5.61	17.41	5.76	17.41	5.93	17.41	5.97	17.41	6.03	17.41	6.18
	-12.6	-13	18.40	5.76	18.40	5.87	18.40	6.03	18.40	6.08	18.40	6.18	18.40	6.29
	-10.5	-11	19.27	5.87	19.27	6.03	19.27	6.14	19.27	6.23	19.27	6.29	19.16	6.39
	-9.5	-10	19.82	5.97	19.82	6.08	19.82	6.18	19.82	6.29	19.82	6.34	19.16	6.44
	-8.5	-9.1	20.26	6.03	20.26	6.14	20.26	6.23	20.26	6.34	20.26	6.39	19.16	6.34
	-7	-7.6	20.92	6.08	20.92	6.18	20.92	6.34	20.92	6.39	20.48	6.44	19.16	6.03
	-5	-5.6	21.90	6.18	21.90	6.29	21.90	6.39	21.35	6.44	20.48	6.18	19.16	5.72
	-3	-3.7	22.78	6.29	22.78	6.39	21.90	6.34	21.35	6.08	20.48	5.87	19.16	5.40
	0	-0.7	24.20	6.39	23.32	6.29	21.90	5.87	21.35	5.67	20.48	5.40	19.16	5.02
	3	2.2	24.75	6.23	23.32	5.87	21.90	5.46	21.35	5.25	20.48	5.08	19.16	4.69
	5	4.1	24.75	5.97	23.32	5.61	21.90	5.25	21.35	5.04	20.48	4.86	19.16	4.51
	8.3	6.1	24.75	5.72	23.32	5.35	21.90	5.01	21.35	4.85	20.48	4.67	19.16	4.33
	9	7.9	24.75	5.51	23.32	5.16	21.90	4.82	21.35	4.66	20.48	4.50	19.16	4.17
	11	9.8	24.75	5.30	23.32	4.97	21.90	4.65	21.35	4.48	20.48	4.33	19.16	4.03
	13	11.8	24.75	5.10	23.32	4.78	21.90	4.47	21.35	4.32	20.48	4.17	19.16	3.88
	15	13.7	24.75	4.92	23.32	4.57	21.90	4.32	21.35	4.18	20.48	4.04	19.16	3.75
	19	14.2	24.75	4.75	23.32	4.50	21.90	4.15	21.35	4.03	20.48	3.86	19.16	3.66
	21	15	24.75	4.62	23.32	4.30	21.90	4.04	21.35	3.89	20.48	3.73	19.16	3.47

To be continued

Continued

YV2VYT024KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	17.41	5.93	17.41	6.08	17.41	6.18	17.41	6.23	17.41	6.29	16.75	6.44
	-12.6	-13	18.40	6.08	18.40	6.18	18.40	6.29	18.40	6.34	18.07	6.44	16.75	6.18
	-10.5	-11	19.27	6.18	19.27	6.29	19.16	6.39	18.51	6.44	18.07	6.23	16.75	5.76
	-9.5	-10	19.82	6.23	19.82	6.34	19.16	6.44	18.51	6.29	18.07	6.03	16.75	5.56
	-8.5	-9.1	20.26	6.29	20.26	6.39	19.16	6.34	18.51	6.14	18.07	5.87	16.75	5.46
	-7	-7.6	20.92	6.34	20.37	6.44	19.16	6.08	18.51	5.82	18.07	5.61	16.75	5.20
	-5	-5.6	21.57	6.44	20.37	6.14	19.16	5.72	18.51	5.51	18.07	5.30	16.75	4.92
	-3	-3.7	21.57	6.23	20.37	5.82	19.16	5.46	18.51	5.25	18.07	5.05	16.75	4.68
	0	-0.7	21.57	5.76	20.37	5.40	19.16	5.04	18.51	4.87	18.07	4.69	16.75	4.35
	3	2.2	21.57	5.40	20.37	5.04	19.16	4.71	18.51	4.55	18.07	4.40	16.75	4.08
	5	4.1	21.57	5.15	20.37	4.83	19.16	4.53	18.51	4.36	18.07	4.22	16.75	3.93
	8.3	6.1	21.57	4.94	20.37	4.65	19.16	4.35	18.51	4.20	18.07	4.06	16.75	3.77
	9	7.9	21.57	4.76	20.37	4.47	19.16	4.19	18.51	4.05	18.07	3.92	16.75	3.64
	11	9.8	21.57	4.58	20.37	4.31	19.16	4.05	18.51	3.90	18.07	3.74	16.75	3.52
	13	11.8	21.57	4.42	20.37	4.16	19.16	3.89	18.51	3.77	18.07	3.64	16.75	3.40
	15	13.7	21.57	4.27	20.37	4.01	19.16	3.77	18.51	3.64	18.07	3.53	16.75	3.29
	19	14.2	21.57	4.05	20.37	3.90	19.16	3.66	18.51	3.48	18.07	3.33	16.75	3.16
	21	15	21.57	3.90	20.37	3.72	19.16	3.50	18.51	3.31	18.07	3.16	16.75	2.99
60	-14.7	-15	17.41	6.23	17.41	6.34	16.43	6.44	15.88	6.23	15.33	6.03	14.35	5.56
	-12.6	-13	18.40	6.34	17.52	6.44	16.43	6.03	15.88	5.82	15.33	5.61	14.35	5.18
	-10.5	-11	18.51	6.44	17.52	6.08	16.43	5.67	15.88	5.46	15.33	5.25	14.35	4.87
	-9.5	-10	18.51	6.29	17.52	5.87	16.43	5.51	15.88	5.30	15.33	5.10	14.35	4.71
	-8.5	-9.1	18.51	6.14	17.52	5.72	16.43	5.35	15.88	5.15	15.33	4.97	14.35	4.59
	-7	-7.6	18.51	5.82	17.52	5.46	16.43	5.11	15.88	4.92	15.33	4.76	14.35	4.41
	-5	-5.6	18.51	5.51	17.52	5.17	16.43	4.83	15.88	4.67	15.33	4.50	14.35	4.18
	-3	-3.7	18.51	5.25	17.52	4.91	16.43	4.59	15.88	4.44	15.33	4.29	14.35	3.98
	0	-0.7	18.51	4.87	17.52	4.57	16.43	4.28	15.88	4.13	15.33	3.99	14.35	3.72
	3	2.2	18.51	4.55	17.52	4.28	16.43	4.01	15.88	3.88	15.33	3.75	14.35	3.50
	5	4.1	18.51	4.36	17.52	4.11	16.43	3.85	15.88	3.73	15.33	3.61	14.35	3.36
	8.3	6.1	18.51	4.20	17.52	3.95	16.43	3.72	15.88	3.60	15.33	3.48	14.35	3.24
	9	7.9	18.51	4.05	17.52	3.82	16.43	3.58	15.88	3.47	15.33	3.36	14.35	3.13
	11	9.8	18.51	3.90	17.52	3.68	16.43	3.46	15.88	3.35	15.33	3.24	14.35	3.03
	13	11.8	18.51	3.76	17.52	3.55	16.43	3.34	15.88	3.24	15.33	3.14	14.35	2.93
	15	13.7	18.51	3.64	17.52	3.43	16.43	3.24	15.88	3.14	15.33	3.04	14.35	2.84
	19	14.2	18.51	3.54	17.52	3.27	16.43	3.14	15.88	3.04	15.33	2.93	14.35	2.72
	21	15	18.51	3.39	17.52	3.18	16.43	3.01	15.88	2.94	15.33	2.83	14.35	2.61
50	-14.7	-15	15.44	6.03	14.56	5.67	13.69	5.30	13.25	5.10	12.81	4.91	11.94	4.56
	-12.6	-13	15.44	5.67	14.56	5.30	13.69	4.93	13.25	4.77	12.81	4.59	11.94	4.27
	-10.5	-11	15.44	5.30	14.56	4.95	13.69	4.64	13.25	4.47	12.81	4.32	11.94	4.01
	-9.5	-10	15.44	5.12	14.56	4.80	13.69	4.50	13.25	4.35	12.81	4.20	11.94	3.90
	-8.5	-9.1	15.44	4.99	14.56	4.68	13.69	4.39	13.25	4.23	12.81	4.09	11.94	3.81
	-7	-7.6	15.44	4.78	14.56	4.48	13.69	4.20	13.25	4.06	12.81	3.93	11.94	3.65
	-5	-5.6	15.44	4.53	14.56	4.25	13.69	3.99	13.25	3.86	12.81	3.73	11.94	3.48
	-3	-3.7	15.44	4.31	14.56	4.06	13.69	3.81	13.25	3.69	12.81	3.57	11.94	3.33
	0	-0.7	15.44	4.01	14.56	3.78	13.69	3.55	13.25	3.45	12.81	3.33	11.94	3.12
	3	2.2	15.44	3.76	14.56	3.55	13.69	3.35	13.25	3.24	12.81	3.14	11.94	2.93
	5	4.1	15.44	3.63	14.56	3.42	13.69	3.23	13.25	3.12	12.81	2.91	11.94	2.83
	8.3	6.1	15.44	3.49	14.56	3.30	13.69	3.11	13.25	3.02	12.81	2.92	11.94	2.73
	9	7.9	15.44	3.37	14.56	3.18	13.69	3.01	13.25	2.91	12.81	2.82	11.94	2.65
	11	9.8	15.44	3.26	14.56	3.08	13.69	2.91	13.25	2.82	12.81	2.73	11.94	2.57
	13	11.8	15.44	3.15	14.56	2.99	13.69	2.81	13.25	2.73	12.81	2.65	11.94	2.49
	15	13.7	15.44	3.05	14.56	2.90	13.69	2.73	13.25	2.66	12.81	2.57	11.94	2.42
	19	14.2	15.44	2.96	14.56	2.78	13.69	2.64	13.25	2.54	12.81	2.48	11.94	2.32
	21	15	15.44	2.77	14.56	2.70	13.69	2.57	13.25	2.43	12.81	2.38	11.94	2.22

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 42. Heating capacity YV2VYT029KAS-D-X

YV2VYT029KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	21.62	5.19	21.62	5.50	21.62	5.80	21.51	5.96	21.51	6.11	21.51	6.42
	-12.6	-13	22.69	5.51	22.69	5.80	22.69	6.09	22.69	6.23	22.69	6.38	22.69	6.66
	-10.5	-11	23.87	5.79	23.87	6.07	23.87	6.33	23.87	6.47	23.87	6.62	23.87	6.87
	-9.5	-10	24.52	5.93	24.52	6.19	24.52	6.45	24.52	6.59	24.52	6.72	24.52	6.99
	-8.5	-9.1	25.06	6.04	25.06	6.30	25.06	6.55	25.06	6.68	25.06	6.80	25.06	7.07
	-7	-7.6	26.02	6.21	26.02	6.46	26.02	6.71	26.02	6.87	26.02	6.93	26.02	7.20
	-5	-5.6	27.10	6.42	27.10	6.66	27.10	6.87	27.10	6.99	27.10	7.13	27.10	7.34
	-3	-3.7	28.18	6.61	28.18	6.80	28.18	7.07	28.18	7.20	28.18	7.27	28.18	7.54
	0	-0.7	30.00	6.87	30.00	7.07	30.00	7.27	30.00	7.40	30.00	7.47	30.00	7.67
	3	2.2	31.51	7.07	31.51	7.27	31.51	7.47	31.51	7.54	31.51	7.67	31.51	7.87
	5	4.1	32.80	7.20	32.80	7.40	32.80	7.60	32.80	7.67	32.80	7.81	32.80	7.94
	8.3	6.1	33.88	7.34	33.88	7.54	33.88	7.67	33.88	7.81	33.88	7.87	33.88	8.07
	9	7.9	35.06	7.40	34.95	7.60	34.95	7.81	34.95	7.87	34.95	7.94	34.95	8.15
	11	9.8	36.13	7.54	36.13	7.67	36.13	7.87	36.13	7.94	36.13	8.07	36.13	8.21
	13	11.8	37.32	7.60	37.32	7.81	37.32	7.94	37.32	8.07	37.32	8.15	37.32	8.28
	15	13.7	38.39	7.74	38.39	7.87	38.39	8.01	38.39	8.15	38.39	8.21	38.39	8.21
	19	14.2	38.39	7.81	38.39	7.96	38.39	8.08	38.39	8.21	38.39	8.28	38.39	8.05
	21	15	38.39	7.86	38.39	8.03	38.39	8.16	38.39	8.26	38.39	8.16	38.39	7.97
120	-14.7	-15	21.62	5.60	21.51	5.88	21.51	6.17	21.51	6.31	21.51	6.45	21.51	6.73
	-12.6	-13	22.69	5.91	22.69	6.17	22.69	6.43	22.69	6.57	22.69	6.70	22.69	6.99
	-10.5	-11	23.87	6.17	23.87	6.42	23.87	6.66	23.87	6.80	23.87	6.93	23.87	7.20
	-9.5	-10	24.52	6.28	24.52	6.52	24.52	6.80	24.52	6.87	24.52	6.99	24.52	7.27
	-8.5	-9.1	25.06	6.39	25.06	6.62	25.06	6.87	25.06	6.99	25.06	7.13	25.06	7.34
	-7	-7.6	26.02	6.54	26.02	6.80	26.02	6.99	26.02	7.13	26.02	7.20	26.02	7.47
	-5	-5.6	27.10	6.73	27.10	6.93	27.10	7.20	27.10	7.27	27.10	7.40	27.10	7.60
	-3	-3.7	28.18	6.93	28.18	7.13	28.18	7.34	28.18	7.40	28.18	7.54	28.18	7.74
	0	-0.7	30.00	7.13	30.00	7.34	30.00	7.54	30.00	7.60	30.00	7.74	30.00	7.94
	3	2.2	31.51	7.34	31.51	7.54	31.51	7.74	31.51	7.81	31.51	7.87	31.51	8.07
	5	4.1	32.80	7.47	32.80	7.60	32.80	7.81	32.80	7.87	32.80	8.01	32.80	8.15
	8.3	6.1	33.88	7.54	33.88	7.74	33.88	7.94	33.88	8.01	33.88	8.07	33.88	8.28
	9	7.9	34.95	7.67	34.95	7.81	34.95	8.01	34.95	8.07	34.95	8.15	34.95	8.35
	11	9.8	36.13	7.74	36.13	7.94	36.13	8.07	36.13	8.15	36.13	8.21	35.38	8.07
	13	11.8	37.32	7.87	37.32	8.01	37.32	8.15	37.32	8.21	37.32	8.35	35.38	7.81
	15	13.7	38.39	7.94	38.39	8.07	38.39	8.21	38.39	8.28	38.39	8.15	35.38	7.47
	19	14.2	38.39	8.01	38.39	8.15	38.39	8.22	38.39	8.20	38.39	8.01	35.38	7.29
	21	15	38.39	8.09	38.39	8.21	38.39	8.27	38.39	8.14	38.39	7.76	35.38	7.16
110	-14.7	-15	21.51	6.02	21.51	6.28	21.51	6.52	21.51	6.66	21.51	6.80	21.51	7.07
	-12.6	-13	22.69	6.29	22.69	6.53	22.69	6.80	22.69	6.93	22.69	6.99	22.69	7.27
	-10.5	-11	23.87	6.52	23.87	6.73	23.87	6.99	23.87	7.13	23.87	7.20	23.87	7.47
	-9.5	-10	24.52	6.64	24.52	6.87	24.52	7.07	24.52	7.20	24.52	7.34	24.52	7.54
	-8.5	-9.1	25.06	6.73	25.06	6.93	25.06	7.20	25.06	7.27	25.06	7.40	25.06	7.60
	-7	-7.6	26.02	6.87	26.02	7.07	26.02	7.27	26.02	7.40	26.02	7.54	26.02	7.74
	-5	-5.6	27.10	7.07	27.10	7.27	27.10	7.47	27.10	7.54	27.10	7.67	27.10	7.87
	-3	-3.7	28.18	7.20	28.18	7.40	28.18	7.60	28.18	7.67	28.18	7.81	28.18	7.94
	0	-0.7	30.00	7.40	29.90	7.60	29.90	7.81	29.90	7.87	29.90	7.94	29.90	8.15
	3	2.2	31.51	7.60	31.51	7.81	31.51	7.94	31.51	8.01	31.51	8.15	31.51	8.28
	5	4.1	32.80	7.74	32.80	7.87	32.80	8.01	32.80	8.15	32.80	8.21	32.48	8.28
	8.3	6.1	33.88	7.81	33.88	7.94	33.88	8.15	33.88	8.21	33.88	8.28	32.48	7.94
	9	7.9	34.95	7.94	34.95	8.07	34.95	8.21	34.95	8.28	34.74	8.28	32.48	7.60
	11	9.8	36.13	8.01	36.13	8.15	36.13	8.28	36.03	8.28	34.74	7.94	32.48	7.34
	13	11.8	37.32	8.07	37.32	8.21	37.32	8.21	36.03	7.94	34.74	7.60	32.48	7.07
	15	13.7	38.39	8.15	38.39	8.28	37.32	7.94	36.03	7.67	34.74	7.34	32.48	6.80
	19	14.2	38.39	7.61	38.39	8.20	37.32	7.69	36.03	7.36	34.74	7.09	32.48	6.58
	21	15	38.39	7.67	38.39	7.97	37.32	7.28	36.03	7.14	34.74	6.89	32.48	6.48

To be continued

Continued

YV2VYT029KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	21.51	6.43	21.51	6.67	21.51	6.93	21.51	6.99	21.51	7.13	21.51	7.40
	-12.6	-13	22.69	6.68	22.69	6.93	22.69	7.13	22.69	7.20	22.69	7.34	22.69	7.54
	-10.5	-11	23.87	6.93	23.87	7.13	23.87	7.34	23.87	7.40	23.87	7.54	23.87	7.74
	-9.5	-10	24.52	6.99	24.52	7.20	24.52	7.40	24.52	7.54	24.52	7.60	24.52	7.81
	-8.5	-9.1	25.06	7.07	25.06	7.27	25.06	7.47	25.06	7.60	25.06	7.67	25.06	7.87
	-7	-7.6	26.02	7.20	26.02	7.40	26.02	7.60	26.02	7.67	26.02	7.81	26.02	8.01
	-5	-5.6	27.10	7.40	27.10	7.54	27.10	7.74	27.10	7.81	27.10	7.94	27.10	8.07
	-3	-3.7	28.18	7.54	28.18	7.67	28.18	7.87	28.18	7.94	28.18	8.01	28.18	8.21
	0	-0.7	29.90	7.74	29.90	7.87	29.90	8.01	29.90	8.15	29.90	8.21	29.57	8.35
	3	2.2	31.51	7.87	31.51	8.01	31.51	8.21	31.51	8.28	31.51	8.35	29.57	7.81
	5	4.1	32.80	7.94	32.80	8.15	32.80	8.28	32.80	8.35	31.72	8.07	29.57	7.47
	8.3	6.1	33.88	8.07	33.88	8.21	33.88	8.35	32.80	8.01	31.72	7.74	29.57	7.13
	9	7.9	34.95	8.15	34.95	8.28	33.88	8.01	32.80	7.74	31.72	7.40	29.57	6.87
	11	9.8	36.13	8.21	36.03	8.28	33.88	7.67	32.80	7.40	31.72	7.13	29.57	6.61
	13	11.8	37.32	8.28	36.03	7.94	33.88	7.40	32.80	7.13	31.72	6.87	29.57	6.36
	15	13.7	38.18	8.15	36.03	7.67	33.88	7.13	32.80	6.87	31.72	6.62	29.57	6.14
	19	14.2	38.18	7.93	36.03	7.41	33.88	6.95	32.80	6.58	31.72	6.37	29.57	5.97
	21	15	38.18	7.67	36.03	7.09	33.88	6.69	32.80	6.48	31.72	6.18	29.57	5.83
90	-14.7	-15	21.51	6.87	21.51	7.07	21.51	7.27	21.51	7.40	21.51	7.47	21.51	7.67
	-12.6	-13	22.69	7.07	22.69	7.27	22.69	7.47	22.69	7.54	22.69	7.67	22.69	7.87
	-10.5	-11	23.87	7.27	23.87	7.47	23.87	7.67	23.87	7.74	23.87	7.81	23.87	8.01
	-9.5	-10	24.52	7.34	24.52	7.54	24.52	7.74	24.52	7.81	24.52	7.87	24.52	8.07
	-8.5	-9.1	25.06	7.40	25.06	7.60	25.06	7.81	25.06	7.87	25.06	7.94	25.06	8.15
	-7	-7.6	26.02	7.54	26.02	7.74	26.02	7.87	26.02	8.01	26.02	8.07	25.92	8.21
	-5	-5.6	27.10	7.67	27.10	7.87	27.10	8.01	27.10	8.07	27.10	8.21	26.46	8.35
	-3	-3.7	28.18	7.81	28.18	8.01	28.18	8.15	28.18	8.21	28.18	8.28	26.46	8.01
	0	-0.7	29.90	8.01	29.90	8.15	29.90	8.28	29.36	8.35	28.50	8.01	26.46	7.40
	3	2.2	31.51	8.15	31.51	8.28	30.43	8.07	29.36	7.81	28.50	7.47	26.46	6.93
	5	4.1	32.80	8.21	32.58	8.28	30.43	7.74	29.36	7.47	28.50	7.13	26.46	6.62
	8.3	6.1	33.88	8.28	32.58	7.94	30.43	7.40	29.36	7.13	28.50	6.87	26.46	6.36
	9	7.9	34.41	8.15	32.58	7.60	30.43	7.13	29.36	6.87	28.50	6.61	26.46	6.11
	11	9.8	34.41	7.81	32.58	7.34	30.43	6.87	29.36	6.60	28.50	6.36	26.46	5.89
	13	11.8	34.41	7.54	32.58	7.07	30.43	6.58	29.36	6.35	28.50	6.13	26.46	5.68
	15	13.7	34.41	7.27	32.58	6.80	30.43	6.35	29.36	6.14	28.50	5.92	26.46	5.49
	19	14.2	34.41	7.09	32.58	6.61	30.43	6.15	29.36	5.95	28.50	5.71	26.46	5.29
	21	15	34.41	6.83	32.58	6.36	30.43	6.03	29.36	5.75	28.50	5.50	26.46	5.07
80	-14.7	-15	21.51	7.27	21.51	7.47	21.51	7.67	21.51	7.74	21.51	7.81	21.51	8.01
	-12.6	-13	22.69	7.47	22.69	7.60	22.69	7.81	22.69	7.87	22.69	8.01	22.69	8.15
	-10.5	-11	23.87	7.60	23.87	7.81	23.87	7.94	23.87	8.07	23.87	8.15	23.66	8.28
	-9.5	-10	24.52	7.74	24.52	7.87	24.52	8.01	24.52	8.15	24.52	8.21	23.66	8.35
	-8.5	-9.1	25.06	7.81	25.06	7.94	25.06	8.07	25.06	8.21	25.06	8.28	23.66	8.21
	-7	-7.6	26.02	7.87	26.02	8.01	25.92	8.21	25.92	8.28	25.38	8.35	23.66	7.81
	-5	-5.6	27.10	8.01	27.10	8.15	27.10	8.28	26.13	8.35	25.38	8.01	23.66	7.40
	-3	-3.7	28.18	8.15	28.18	8.28	27.10	8.21	26.13	7.87	25.38	7.60	23.66	6.99
	0	-0.7	29.90	8.28	28.82	8.15	27.10	7.60	26.13	7.34	25.38	6.99	23.66	6.50
	3	2.2	30.43	8.07	28.82	7.60	27.10	7.07	26.13	6.80	25.38	6.57	23.66	6.08
	5	4.1	30.43	7.74	28.82	7.27	27.10	6.80	26.13	6.52	25.38	6.29	23.66	5.83
	8.3	6.1	30.43	7.40	28.82	6.93	27.10	6.49	26.13	6.27	25.38	6.05	23.66	5.61
	9	7.9	30.43	7.13	28.82	6.68	27.10	6.24	26.13	6.03	25.38	5.82	23.66	5.40
	11	9.8	30.43	6.87	28.82	6.43	27.10	6.02	26.13	5.81	25.38	5.61	23.66	5.20
	13	11.8	30.43	6.61	28.82	6.19	27.10	5.79	26.13	5.60	25.38	5.40	23.66	5.03
	15	13.7	30.43	6.38	28.82	5.93	27.10	5.60	26.13	5.41	25.38	5.22	23.66	4.87
	19	14.2	30.43	6.16	28.82	5.82	27.10	5.37	26.13	5.21	25.38	5.00	23.66	4.74
	21	15	30.43	5.98	28.82	5.57	27.10	5.24	26.13	5.05	25.38	4.84	23.66	4.49

To be continued

Continued

YV2VYT029KAS-D-X		Heating Capacity											
Capacity Factor (%)	Outdoor Temp.	Indoor Temp. (°C DB)											
		16		18		20		21.1		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB / °C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7 / -15	21.51	7.67	21.51	7.87	21.51	8.01	21.51	8.07	21.51	8.15	20.65	8.35
	-12.6 / -13	22.69	7.87	22.69	8.01	22.69	8.15	22.69	8.21	22.15	8.35	20.65	8.01
	-10.5 / -11	23.87	8.01	23.87	8.15	23.77	8.28	22.91	8.35	22.15	8.07	20.65	7.47
	-9.5 / -10	24.52	8.07	24.52	8.21	23.77	8.35	22.91	8.15	22.15	7.81	20.65	7.20
	-8.5 / -9.1	25.06	8.15	25.06	8.28	23.77	8.21	22.91	7.94	22.15	7.60	20.65	7.07
	-7 / -7.6	25.92	8.21	25.27	8.35	23.77	7.87	22.91	7.54	22.15	7.27	20.65	6.73
	-5 / -5.6	26.78	8.35	25.27	7.94	23.77	7.40	22.91	7.13	22.15	6.87	20.65	6.38
	-3 / -3.7	26.78	8.07	25.27	7.54	23.77	7.07	22.91	6.80	22.15	6.54	20.65	6.06
	0 / -0.7	26.78	7.47	25.27	6.99	23.77	6.53	22.91	6.30	22.15	6.07	20.65	5.64
	3 / 2.2	26.78	6.99	25.27	6.53	23.77	6.10	22.91	5.89	22.15	5.70	20.65	5.29
	5 / 4.1	26.78	6.68	25.27	6.26	23.77	5.86	22.91	5.66	22.15	5.47	20.65	5.08
	8.3 / 6.1	26.78	6.41	25.27	6.02	23.77	5.63	22.91	5.44	22.15	5.26	20.65	4.89
	9 / 7.9	26.78	6.17	25.27	5.79	23.77	5.42	22.91	5.25	22.15	5.07	20.65	4.72
	11 / 9.8	26.78	5.94	25.27	5.58	23.77	5.24	22.91	5.06	22.15	4.85	20.65	4.55
	13 / 11.8	26.78	5.72	25.27	5.38	23.77	5.05	22.91	4.89	22.15	4.72	20.65	4.40
	15 / 13.7	26.78	5.53	25.27	5.20	23.77	4.89	22.91	4.72	22.15	4.57	20.65	4.26
	19 / 14.2	26.78	5.25	25.27	5.06	23.77	4.75	22.91	4.50	22.15	4.31	20.65	4.09
	21 / 15	26.78	5.06	25.27	4.81	23.77	4.53	22.91	4.29	22.15	4.09	20.65	3.86
60	-14.7 / -15	21.51	8.07	21.51	8.21	20.33	8.35	19.68	8.07	19.03	7.81	17.74	7.20
	-12.6 / -13	22.69	8.21	21.62	8.35	20.33	7.81	19.68	7.54	19.03	7.27	17.74	6.71
	-10.5 / -11	22.91	8.35	21.62	7.87	20.33	7.34	19.68	7.07	19.03	6.80	17.74	6.30
	-9.5 / -10	22.91	8.15	21.62	7.60	20.33	7.13	19.68	6.87	19.03	6.61	17.74	6.11
	-8.5 / -9.1	22.91	7.94	21.62	7.40	20.33	6.93	19.68	6.67	19.03	6.43	17.74	5.96
	-7 / -7.6	22.91	7.54	21.62	7.07	20.33	6.62	19.68	6.38	19.03	6.16	17.74	5.71
	-5 / -5.6	22.91	7.13	21.62	6.70	20.33	6.26	19.68	6.04	19.03	5.83	17.74	5.41
	-3 / -3.7	22.91	6.80	21.62	6.37	20.33	5.96	19.68	5.76	19.03	5.55	17.74	5.16
	0 / -0.7	22.91	6.30	21.62	5.92	20.33	5.54	19.68	5.36	19.03	5.17	17.74	4.82
	3 / 2.2	22.91	5.89	21.62	5.54	20.33	5.19	19.68	5.03	19.03	4.86	17.74	4.53
	5 / 4.1	22.91	5.66	21.62	5.32	20.33	4.99	19.68	4.83	19.03	4.67	17.74	4.36
	8.3 / 6.1	22.91	5.43	21.62	5.12	20.33	4.82	19.68	4.66	19.03	4.50	17.74	4.20
	9 / 7.9	22.91	5.25	21.62	4.94	20.33	4.64	19.68	4.49	19.03	4.35	17.74	4.06
	11 / 9.8	22.91	5.06	21.62	4.76	20.33	4.48	19.68	4.35	19.03	4.20	17.74	3.93
	13 / 11.8	22.91	4.88	21.62	4.61	20.33	4.32	19.68	4.19	19.03	4.06	17.74	3.80
	15 / 13.7	22.91	4.72	21.62	4.45	20.33	4.19	19.68	4.06	19.03	3.94	17.74	3.69
	19 / 14.2	22.91	4.59	21.62	4.24	20.33	4.06	19.68	3.94	19.03	3.79	17.74	3.53
	21 / 15	22.91	4.40	21.62	4.11	20.33	3.90	19.68	3.81	19.03	3.66	17.74	3.39
50	-14.7 / -15	19.14	7.81	18.07	7.34	16.99	6.87	16.35	6.61	15.81	6.37	14.73	5.91
	-12.6 / -13	19.14	7.34	18.07	6.87	16.99	6.40	16.35	6.18	15.81	5.96	14.73	5.53
	-10.5 / -11	19.14	6.87	18.07	6.42	16.99	6.00	16.35	5.80	15.81	5.60	14.73	5.20
	-9.5 / -10	19.14	6.64	18.07	6.23	16.99	5.83	16.35	5.63	15.81	5.43	14.73	5.06
	-8.5 / -9.1	19.14	6.46	18.07	6.06	16.99	5.68	16.35	5.49	15.81	5.30	14.73	4.92
	-7 / -7.6	19.14	6.19	18.07	5.81	16.99	5.44	16.35	5.27	15.81	5.09	14.73	4.73
	-5 / -5.6	19.14	5.86	18.07	5.51	16.99	5.17	16.35	5.00	15.81	4.83	14.73	4.50
	-3 / -3.7	19.14	5.58	18.07	5.26	16.99	4.93	16.35	4.77	15.81	4.62	14.73	4.30
	0 / -0.7	19.14	5.20	18.07	4.90	16.99	4.61	16.35	4.46	15.81	4.31	14.73	4.03
	3 / 2.2	19.14	4.88	18.07	4.61	16.99	4.33	16.35	4.20	15.81	4.06	14.73	3.80
	5 / 4.1	19.14	4.70	18.07	4.44	16.99	4.18	16.35	4.04	15.81	3.84	14.73	3.66
	8.3 / 6.1	19.14	4.52	18.07	4.27	16.99	4.02	16.35	3.91	15.81	3.78	14.73	3.55
	9 / 7.9	19.14	4.37	18.07	4.13	16.99	3.90	16.35	3.78	15.81	3.66	14.73	3.43
	11 / 9.8	19.14	4.22	18.07	3.99	16.99	3.77	16.35	3.65	15.81	3.55	14.73	3.33
	13 / 11.8	19.14	4.08	18.07	3.86	16.99	3.64	16.35	3.54	15.81	3.43	14.73	3.22
	15 / 13.7	19.14	3.96	18.07	3.75	16.99	3.54	16.35	3.43	15.81	3.33	14.73	3.14
	19 / 14.2	19.14	3.83	18.07	3.60	16.99	3.41	16.35	3.29	15.81	3.21	14.73	2.99
	21 / 15	19.14	3.58	18.07	3.50	16.99	3.33	16.35	3.15	15.81	3.09	14.73	2.88

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 43. Heating capacity YV2VYT035KAS-D-X

YV2VYT035KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	25.56	6.31	25.56	6.64	25.56	6.99	25.56	7.15	25.56	7.31	25.56	7.66
	-12.6	-13	26.86	6.60	26.86	6.95	26.86	7.25	26.86	7.40	26.86	7.57	26.86	7.89
	-10.5	-11	28.15	6.90	28.15	7.19	28.15	7.49	28.15	7.64	28.15	7.78	28.15	8.07
	-9.5	-10	29.35	7.03	29.35	7.29	29.35	7.59	29.35	7.77	29.35	7.89	29.35	8.18
	-8.5	-9.1	30.54	7.11	30.54	7.40	30.54	7.68	30.54	7.85	30.54	7.98	30.54	8.26
	-7	-7.6	31.94	7.29	31.94	7.57	31.94	7.85	31.94	7.98	31.94	8.11	31.94	8.39
	-5	-5.6	33.35	7.49	33.35	7.77	33.35	8.02	33.35	8.16	33.35	8.28	33.35	8.55
	-3	-3.7	34.65	7.68	34.65	7.94	34.65	8.18	34.65	8.31	34.65	8.43	34.65	8.71
	0	-0.7	36.28	7.94	36.28	8.18	36.28	8.41	36.28	8.52	36.28	8.63	36.28	8.88
	3	2.2	37.68	8.16	37.68	8.37	37.68	8.59	37.68	8.71	37.68	8.80	37.68	9.06
	5	4.1	39.20	8.28	39.20	8.50	39.20	8.71	39.20	8.80	39.20	8.98	39.20	9.15
	8.3	6.1	40.61	8.41	40.61	8.62	40.61	8.80	40.61	8.88	40.61	9.06	40.61	9.23
	9	7.9	42.12	8.50	42.12	8.71	42.12	8.88	42.12	9.06	42.12	9.15	42.12	9.31
	11	9.8	43.86	8.63	43.86	8.80	43.86	9.06	43.86	9.15	43.86	9.23	43.86	9.41
	13	11.8	44.51	8.71	44.51	8.88	44.51	9.15	44.51	9.23	44.51	9.31	44.51	9.49
	15	13.7	45.81	8.80	45.81	8.98	45.81	9.23	45.81	9.31	45.81	9.41	45.81	9.58
	19	14.2	45.81	8.98	45.81	9.15	45.81	9.31	45.81	9.41	45.81	9.49	45.81	9.31
	21	15	45.81	9.15	45.81	9.31	45.81	9.41	45.81	9.49	45.81	9.58	45.81	8.88
120	-14.7	-15	25.56	6.78	25.56	7.07	25.56	7.39	25.56	7.54	25.56	7.68	25.56	8.01
	-12.6	-13	26.86	7.04	26.86	7.34	26.86	7.64	26.86	7.77	26.86	7.89	26.86	8.20
	-10.5	-11	28.15	7.29	28.15	7.55	28.15	7.85	28.15	7.98	28.15	8.11	28.15	8.41
	-9.5	-10	29.35	7.42	29.35	7.68	29.35	7.94	29.35	8.07	29.35	8.20	29.35	8.50
	-8.5	-9.1	30.54	7.50	30.54	7.77	30.54	8.02	30.54	8.16	30.54	8.28	30.54	8.55
	-7	-7.6	31.94	7.66	31.94	7.91	31.94	8.16	31.94	8.28	31.94	8.41	31.94	8.71
	-5	-5.6	33.35	7.85	33.35	8.09	33.35	8.32	33.35	8.45	33.35	8.59	33.35	8.80
	-3	-3.7	34.65	8.02	34.65	8.24	34.65	8.50	34.65	8.63	34.65	8.71	34.65	8.98
	0	-0.7	36.28	8.26	36.28	8.47	36.28	8.71	36.28	8.80	36.28	8.88	36.28	8.63
	3	2.2	37.68	8.45	37.68	8.63	37.68	8.88	37.68	8.98	37.68	9.06	37.68	9.31
	5	4.1	39.20	8.59	39.20	8.80	39.20	8.98	39.20	9.06	39.20	9.15	39.20	9.41
	8.3	6.1	40.61	8.71	40.61	8.88	40.61	9.06	40.61	9.15	40.61	9.23	40.61	9.49
	9	7.9	42.12	8.80	42.12	8.98	42.12	9.15	42.12	9.23	42.12	9.31	42.45	9.58
	11	9.8	43.86	8.88	43.86	9.06	43.86	9.23	43.86	9.31	43.86	9.41	42.45	9.41
	13	11.8	44.51	8.98	44.51	9.15	44.51	9.31	44.51	9.41	44.51	9.49	42.45	9.06
	15	13.7	45.81	9.06	45.81	9.23	45.81	9.41	45.81	9.49	45.59	9.49	42.45	8.71
	19	14.2	45.81	9.31	45.81	9.49	45.81	9.58	45.81	9.41	45.59	9.23	42.45	8.63
	21	15	45.81	9.49	45.81	9.31	45.81	9.23	45.81	9.15	45.59	8.88	42.45	8.50
110	-14.7	-15	25.56	7.21	25.56	7.50	25.56	7.77	25.56	7.92	25.56	8.07	25.56	8.32
	-12.6	-13	26.86	7.46	26.86	7.75	26.86	7.98	26.86	8.16	26.86	8.28	26.86	8.55
	-10.5	-11	28.15	7.69	28.15	7.94	28.15	8.20	28.15	8.32	28.15	8.45	28.15	8.71
	-9.5	-10	29.35	7.81	29.35	8.07	29.35	8.28	29.35	8.41	29.35	8.55	29.35	8.80
	-8.5	-9.1	30.54	7.89	30.54	8.16	30.54	8.37	30.54	8.50	30.54	8.63	30.54	8.88
	-7	-7.6	31.94	8.02	31.94	8.26	31.94	8.50	31.94	8.61	31.94	8.71	31.94	8.98
	-5	-5.6	33.35	8.20	33.35	8.43	33.35	8.63	33.35	8.80	33.35	8.88	33.35	9.06
	-3	-3.7	34.65	8.37	34.65	8.59	34.65	8.80	34.65	8.88	34.65	9.06	34.65	9.23
	0	-0.7	36.28	8.59	36.28	8.80	36.28	8.98	36.28	9.06	36.28	9.15	36.28	9.41
	3	2.2	37.68	8.80	37.68	8.98	37.68	9.15	37.68	9.23	37.68	9.31	37.68	9.49
	5	4.1	39.20	8.88	39.20	9.06	39.20	9.23	39.20	9.31	39.20	9.41	38.98	9.49
	8.3	6.1	40.61	8.98	40.61	9.15	40.61	9.31	40.61	9.41	40.61	9.49	38.98	9.06
	9	7.9	42.12	9.06	42.12	9.23	42.12	9.41	42.12	9.49	41.80	9.31	38.98	8.80
	11	9.8	43.86	9.15	43.86	9.31	43.86	9.49	43.21	9.58	41.80	9.23	38.98	8.50
	13	11.8	44.51	9.23	44.51	9.41	44.51	9.58	43.21	9.23	41.80	8.88	38.98	8.20
	15	13.7	45.81	9.31	45.81	9.49	44.72	9.23	43.21	8.88	41.80	8.59	38.98	7.89
	19	14.2	45.81	9.49	45.81	9.31	44.72	8.88	43.21	8.50	41.80	8.16	38.98	7.75
	21	15	45.81	9.31	45.81	9.06	44.72	8.63	43.21	8.20	41.80	7.97	38.98	7.59

To be continued

YV2VYT035KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	25.56	7.66	25.56	7.92	25.56	8.17	25.56	8.32	25.56	8.41	25.56	8.63
	-12.6	-13	26.86	7.89	26.86	8.16	26.86	8.37	26.86	8.50	26.86	8.63	26.86	8.88
	-10.5	-11	28.15	8.09	28.15	8.32	28.15	8.55	28.15	8.71	28.15	8.80	28.15	8.98
	-9.5	-10	29.35	8.20	29.35	8.41	29.35	8.63	29.35	8.71	29.35	8.88	29.35	9.06
	-8.5	-9.1	30.54	8.27	30.54	8.50	30.54	8.71	30.54	8.80	30.54	8.98	30.54	9.15
	-7	-7.6	31.94	8.41	31.94	8.63	31.94	8.80	31.94	8.98	31.94	9.06	31.94	9.23
	-5	-5.6	33.35	8.55	33.35	8.80	33.35	8.98	33.35	9.06	33.35	9.15	33.35	9.41
	-3	-3.7	34.65	8.71	34.65	8.88	34.65	9.06	34.65	9.15	34.65	9.31	34.65	9.49
	0	-0.7	36.28	8.88	36.28	9.06	36.28	9.23	36.28	9.31	36.28	9.41	35.30	9.41
	3	2.2	37.68	9.06	37.68	9.23	37.68	9.41	37.68	9.49	37.68	9.58	35.30	8.88
	5	4.1	39.20	9.15	39.20	9.31	39.20	9.49	39.20	9.58	38.01	9.23	35.30	8.50
	8.3	6.1	40.61	9.23	40.61	9.41	40.61	10.52	39.20	9.23	38.01	8.88	35.30	8.20
	9	7.9	42.12	9.31	41.91	9.49	40.61	9.23	39.20	8.88	38.01	8.55	35.30	7.89
	11	9.8	43.86	9.41	43.10	9.58	40.61	8.88	39.20	8.59	38.01	8.24	35.30	8.50
	13	11.8	44.51	9.49	43.10	9.15	40.61	8.59	39.20	8.25	38.01	7.98	35.30	7.38
	15	13.7	45.81	9.49	43.10	8.88	40.61	8.28	39.20	7.98	38.01	7.72	35.30	7.11
	19	14.2	45.81	9.15	43.10	8.63	40.61	8.07	39.20	7.64	38.01	7.29	35.30	6.73
	21	15	45.81	8.96	43.10	8.32	40.61	7.77	39.20	7.34	38.01	6.90	35.30	6.45
90	-14.7	-15	25.56	8.11	25.56	8.34	25.56	8.59	25.56	8.71	25.56	8.80	25.56	8.98
	-12.6	-13	26.86	8.32	26.86	8.55	26.86	8.71	26.86	8.88	26.86	8.88	26.86	9.15
	-10.5	-11	28.15	8.50	28.15	8.71	28.15	8.88	28.15	9.06	28.15	9.06	28.15	9.23
	-9.5	-10	29.35	8.60	29.35	8.80	29.35	9.06	29.35	9.15	29.35	9.15	29.35	9.41
	-8.5	-9.1	30.54	8.63	30.54	8.88	30.54	9.15	30.54	9.23	30.54	9.23	30.54	9.49
	-7	-7.6	31.94	8.80	31.94	8.98	31.94	9.23	31.94	9.31	31.94	9.41	31.94	9.58
	-5	-5.6	33.35	8.88	33.35	9.06	33.35	9.31	33.35	9.41	33.35	9.49	31.84	9.31
	-3	-3.7	34.65	9.06	34.65	9.23	34.65	9.41	34.65	9.49	34.65	9.58	31.84	9.06
	0	-0.7	36.28	9.23	36.28	9.41	36.28	9.58	35.30	9.31	34.11	9.15	31.84	8.20
	3	2.2	37.68	9.41	38.77	9.49	36.49	9.15	35.30	8.88	34.11	8.50	31.84	7.86
	5	4.1	39.20	9.49	38.77	9.49	36.49	8.80	35.30	8.50	34.11	8.20	31.84	7.58
	8.3	6.1	40.61	9.58	38.77	9.15	36.49	8.50	35.30	8.20	34.11	7.89	31.84	7.29
	9	7.9	41.15	9.41	38.77	8.80	36.49	8.20	35.30	7.89	34.11	7.60	31.84	7.03
	11	9.8	41.15	9.06	38.77	8.45	36.49	7.89	35.30	7.64	34.11	7.35	31.84	6.82
	13	11.8	41.15	8.71	38.77	8.17	36.49	7.64	35.30	7.38	34.11	7.11	31.84	6.60
	15	13.7	41.15	8.42	38.77	7.89	36.49	7.38	35.30	7.11	34.11	6.90	31.84	6.39
	19	14.2	41.15	8.16	38.77	7.66	36.49	7.16	35.30	6.84	34.11	6.59	31.84	6.06
	21	15	41.15	7.77	38.77	7.21	36.49	6.93	35.30	6.56	34.11	6.21	31.84	5.85
80	-14.7	-15	25.56	8.55	25.56	8.80	25.56	8.98	25.56	9.06	25.56	9.15	25.56	9.31
	-12.6	-13	26.86	8.71	26.86	8.98	26.86	9.15	26.86	9.23	26.86	9.31	26.86	9.49
	-10.5	-11	28.15	8.88	28.15	9.06	28.15	9.23	28.15	9.31	28.15	9.49	28.26	9.49
	-9.5	-10	29.35	8.98	29.35	9.15	29.35	9.31	29.35	9.41	29.35	9.49	28.26	9.23
	-8.5	-9.1	30.54	9.06	30.54	9.23	30.54	9.41	30.54	9.49	30.54	9.58	28.26	8.88
	-7	-7.6	31.94	9.15	31.94	9.31	31.94	9.49	31.94	9.58	30.32	9.31	28.26	8.63
	-5	-5.6	33.35	9.31	33.35	9.41	33.35	9.58	31.40	9.23	30.32	8.88	28.26	8.21
	-3	-3.7	34.65	9.41	34.65	9.58	32.49	9.15	31.40	8.80	30.32	8.50	28.26	7.86
	0	-0.7	36.28	9.58	34.44	9.06	32.49	8.56	31.40	8.25	30.32	7.94	28.26	7.36
	3	2.2	36.60	9.23	34.44	8.63	32.49	8.07	31.40	7.77	30.32	7.46	28.26	6.95
	5	4.1	36.60	8.88	34.44	8.28	32.49	7.72	31.40	7.46	30.32	7.21	28.26	6.68
	8.3	6.1	36.60	8.52	34.44	7.98	32.49	7.46	31.40	7.21	30.32	6.95	28.26	6.43
	9	7.9	36.60	8.20	34.44	7.68	32.49	7.21	31.40	6.95	30.32	6.70	28.26	6.21
	11	9.8	36.60	7.94	34.44	7.42	32.49	6.95	31.40	6.71	30.32	6.47	28.26	6.04
	13	11.8	36.60	7.66	34.44	7.19	32.49	6.73	31.40	6.48	30.32	6.25	28.26	5.82
	15	13.7	36.60	7.42	34.44	6.95	32.49	6.51	31.40	6.29	30.32	6.08	28.26	5.65
	19	14.2	36.60	7.16	34.44	6.74	32.49	6.33	31.40	6.01	30.32	5.82	28.26	5.38
	21	15	36.60	6.90	34.44	6.53	32.49	6.05	31.40	5.75	30.32	5.54	28.26	5.16

To be continued

Continued

YV2VYT035KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	25.56	8.98	25.56	9.15	25.56	9.41	25.56	9.49	25.56	9.58	24.80	9.23
	-12.6	-13	26.86	9.15	26.86	9.31	26.86	9.49	26.86	9.58	26.53	9.31	24.80	8.71
	-10.5	-11	28.15	9.23	28.15	9.49	28.37	9.49	27.40	9.06	26.53	8.88	24.80	8.24
	-9.5	-10	29.35	9.31	29.35	9.49	28.37	9.23	27.40	8.88	26.53	8.63	24.80	7.94
	-8.5	-9.1	30.54	9.41	30.54	9.58	28.37	8.98	27.40	8.63	26.53	8.38	24.80	7.77
	-7	-7.6	31.94	9.49	30.21	9.23	28.37	8.71	27.40	8.37	26.53	8.07	24.80	7.46
	-5	-5.6	32.05	9.49	30.21	8.88	28.37	8.24	27.40	7.98	26.53	7.68	24.80	7.11
	-3	-3.7	32.05	9.06	30.21	8.45	28.37	7.89	27.40	7.64	26.53	7.34	24.80	6.80
	0	-0.7	32.05	8.44	30.21	7.89	28.37	7.38	27.40	7.11	26.53	6.89	24.80	6.38
	3	2.2	32.05	7.94	30.21	7.46	28.37	6.95	27.40	6.71	26.53	6.47	24.80	6.04
	5	4.1	32.05	7.64	30.21	7.16	28.37	6.68	27.40	6.47	26.53	6.25	24.80	5.82
	8.3	6.1	32.05	7.36	30.21	6.90	28.37	6.47	27.40	6.25	26.53	6.04	24.80	5.61
	9	7.9	32.05	7.11	30.21	6.68	28.37	6.25	27.40	6.04	26.53	5.82	24.80	5.43
	11	9.8	32.05	6.86	30.21	6.44	28.37	6.04	27.40	5.83	26.53	5.65	24.80	5.26
	13	11.8	32.05	6.63	30.21	6.24	28.37	5.84	27.40	5.65	26.53	5.48	24.80	5.09
	15	13.7	32.05	6.43	30.21	6.04	28.37	5.68	27.40	5.48	26.53	5.30	24.80	4.96
	19	14.2	32.05	6.23	30.21	5.78	28.37	5.47	27.40	5.40	26.53	5.06	24.80	4.80
	21	15	32.05	5.94	30.21	5.43	28.37	5.19	27.40	4.99	26.53	4.83	24.80	4.52
60	-14.7	-15	25.56	9.49	25.56	9.58	24.26	9.06	23.61	8.63	22.74	8.36	21.12	7.72
	-12.6	-13	26.86	9.58	25.88	9.06	24.26	8.45	23.61	8.16	22.74	7.87	21.12	7.29
	-10.5	-11	27.40	9.06	25.88	8.63	24.26	8.02	23.61	7.72	22.74	7.46	21.12	6.90
	-9.5	-10	27.40	8.88	25.88	8.34	24.26	7.77	23.61	7.50	22.74	7.25	21.12	6.71
	-8.5	-9.1	27.40	8.63	25.88	8.16	24.26	7.62	23.61	7.34	22.74	7.07	21.12	6.56
	-7	-7.6	27.40	8.37	25.88	7.85	24.26	7.34	23.61	7.07	22.74	6.88	21.12	6.35
	-5	-5.6	27.40	7.98	25.88	7.46	24.26	6.99	23.61	6.73	22.74	6.47	21.12	6.04
	-3	-3.7	27.40	7.66	25.88	7.15	24.26	6.68	23.61	6.47	22.74	6.25	21.12	5.80
	0	-0.7	27.40	7.13	25.88	6.68	24.26	6.28	23.61	6.04	22.74	5.85	21.12	5.43
	3	2.2	27.40	6.69	25.88	6.33	24.26	5.94	23.61	5.69	22.74	5.53	21.12	5.18
	5	4.1	27.40	6.47	25.88	6.08	24.26	5.69	23.61	5.53	22.74	5.35	21.12	5.00
	8.3	6.1	27.40	6.25	25.88	5.88	24.26	5.53	23.61	5.35	22.74	5.18	21.12	4.83
	9	7.9	27.40	6.04	25.88	5.69	24.26	5.35	23.61	5.18	22.74	5.00	21.12	4.67
	11	9.8	27.40	5.83	25.88	5.48	24.26	5.18	23.61	5.00	22.74	4.87	21.12	4.53
	13	11.8	27.40	5.65	25.88	5.31	24.26	5.00	23.61	4.87	22.74	4.70	21.12	4.40
	15	13.7	27.40	5.48	25.88	5.18	24.26	4.87	23.61	4.71	22.74	4.58	21.12	4.27
	19	14.2	27.40	5.26	25.88	4.99	24.26	4.62	23.61	4.45	22.74	4.34	21.12	4.10
	21	15	27.40	5.00	25.88	4.77	24.26	4.44	23.61	4.30	22.74	4.19	21.12	3.87
50	-14.7	-15	22.85	8.39	21.55	7.85	20.25	7.34	19.60	7.08	18.95	6.86	17.65	6.35
	-12.6	-13	22.85	7.89	21.55	7.42	20.25	6.95	19.60	6.70	18.95	6.47	17.65	6.04
	-10.5	-11	22.85	7.47	21.55	7.03	20.25	6.59	19.60	6.35	18.95	6.13	17.65	5.69
	-9.5	-10	22.85	7.29	21.55	6.82	20.25	6.43	19.60	6.20	18.95	6.00	17.65	5.57
	-8.5	-9.1	22.85	7.11	21.55	6.68	20.25	6.25	19.60	6.04	18.95	5.85	17.65	5.43
	-7	-7.6	22.85	6.86	21.55	6.43	20.25	6.04	19.60	5.84	18.95	5.65	17.65	5.26
	-5	-5.6	22.85	6.54	21.55	6.17	20.25	5.77	19.60	5.57	18.95	5.39	17.65	5.05
	-3	-3.7	22.85	6.25	21.55	5.91	20.25	5.54	19.60	5.36	18.95	5.18	17.65	4.83
	0	-0.7	22.85	5.86	21.55	5.57	20.25	5.22	19.60	5.05	18.95	4.88	17.65	4.58
	3	2.2	22.85	5.57	21.55	5.24	20.25	4.93	19.60	4.79	18.95	4.62	17.65	4.32
	5	4.1	22.85	5.36	21.55	5.07	20.25	4.79	19.60	4.62	18.95	4.48	17.65	4.23
	8.3	6.1	22.85	5.18	21.55	4.90	20.25	4.62	19.60	4.48	18.95	4.36	17.65	4.05
	9	7.9	22.85	5.02	21.55	4.75	20.25	4.48	19.60	4.36	18.95	4.21	17.65	3.97
	11	9.8	22.85	4.87	21.55	4.62	20.25	4.36	19.60	4.23	18.95	4.09	17.65	3.84
	13	11.8	22.85	4.71	21.55	4.45	20.25	4.21	19.60	4.09	18.95	3.97	17.65	3.72
	15	13.7	22.85	4.59	21.55	4.36	20.25	4.09	19.60	4.01	18.95	3.85	17.65	3.62
	19	14.2	22.85	4.43	21.55	4.20	20.25	3.89	19.60	3.80	18.95	3.67	17.65	3.52
	21	15	22.85	4.29	21.55	3.88	20.25	3.72	19.60	3.66	18.95	3.54	17.65	3.38

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 44. Heating capacity YV2VYT042KAS-D-X

YV2VYT042KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	28.77	7.35	28.77	7.79	28.77	8.22	28.77	8.44	28.77	8.66	28.77	9.09
	-12.6	-13	30.48	7.81	30.48	8.22	30.48	8.63	30.48	8.83	30.48	9.04	30.48	9.44
	-10.5	-11	32.42	8.21	32.42	8.60	32.42	8.98	32.42	9.18	32.42	9.38	32.42	9.73
	-9.5	-10	33.49	8.41	33.49	8.77	33.49	9.14	33.49	9.34	33.49	9.53	33.49	9.91
	-8.5	-9.1	34.24	8.56	34.24	8.92	34.24	9.29	34.24	9.47	34.24	9.63	34.24	10.01
	-7	-7.6	35.64	8.80	35.64	9.15	35.64	9.51	35.64	9.73	35.64	9.82	35.64	10.21
	-5	-5.6	37.57	9.09	37.57	9.43	37.57	9.73	37.57	9.91	37.57	10.11	37.57	10.40
	-3	-3.7	39.29	9.37	39.29	9.63	39.29	10.01	39.29	10.21	39.29	10.30	39.29	10.68
	0	-0.7	42.08	9.73	42.08	10.01	42.08	10.30	42.08	10.49	42.08	10.58	42.08	10.87
	3	2.2	44.76	10.01	44.76	10.30	44.76	10.58	44.76	10.68	44.76	10.87	44.76	11.16
	5	4.1	46.48	10.21	46.48	10.49	46.48	10.77	46.48	10.87	46.48	11.07	46.48	11.25
	8.3	6.1	48.30	10.40	48.30	10.68	48.30	10.87	48.30	11.07	48.30	11.16	48.30	11.44
	9	7.9	50.02	10.49	50.02	10.77	50.02	11.07	50.02	11.16	50.02	11.25	50.02	11.54
	11	9.8	51.74	10.68	51.74	10.87	51.74	11.16	51.74	11.25	51.74	11.44	51.74	11.63
	13	11.8	52.60	10.77	52.60	11.07	52.60	11.25	52.60	11.44	52.60	11.54	52.60	11.73
	15	13.7	55.39	10.97	55.39	11.16	55.39	11.35	55.39	11.54	55.39	11.63	54.74	11.63
	19	14.2	55.39	11.07	55.39	11.28	55.39	11.45	55.39	11.64	55.39	11.74	54.74	11.40
	21	15	55.39	11.15	55.39	11.39	55.39	11.56	55.39	11.70	55.39	11.55	54.74	11.29
120	-14.7	-15	28.77	7.94	28.77	8.35	28.77	8.74	28.77	8.94	28.77	9.14	28.77	9.54
	-12.6	-13	30.48	8.37	30.48	8.74	30.48	9.11	30.48	9.31	30.48	9.50	30.48	9.91
	-10.5	-11	32.42	8.74	32.42	9.08	32.42	9.44	32.42	9.63	32.42	9.82	32.42	10.21
	-9.5	-10	33.49	8.91	33.49	9.25	33.49	9.63	33.49	9.73	33.49	9.91	33.49	10.30
	-8.5	-9.1	34.24	9.05	34.24	9.39	34.24	9.73	34.24	9.91	34.24	10.11	34.24	10.40
	-7	-7.6	35.64	9.28	35.64	9.63	35.64	9.91	35.64	10.11	35.64	10.22	35.64	10.58
	-5	-5.6	37.57	9.54	37.57	9.82	37.57	10.21	37.57	10.30	37.57	10.52	37.57	10.77
	-3	-3.7	39.29	9.82	39.29	10.11	39.29	10.40	39.29	10.49	39.29	10.72	39.29	10.97
	0	-0.7	42.08	10.11	42.08	10.40	42.08	10.68	42.08	10.77	42.08	10.97	42.08	11.25
	3	2.2	44.76	10.40	44.76	10.68	44.76	10.97	44.76	11.07	44.76	11.16	44.76	11.44
	5	4.1	46.48	10.58	46.48	10.77	46.48	11.07	46.48	11.16	46.48	11.35	46.48	11.54
	8.3	6.1	48.30	10.68	48.30	10.97	48.30	11.25	48.30	11.35	48.30	11.44	48.30	11.73
	9	7.9	50.02	10.87	50.02	11.07	50.02	11.35	50.02	11.44	50.02	11.54	50.02	11.83
	11	9.8	51.74	10.97	51.74	11.25	51.74	11.44	51.74	11.54	51.74	11.63	50.56	11.44
	13	11.8	52.60	11.16	52.60	11.35	52.60	11.54	52.60	11.63	52.60	11.83	50.56	11.07
	15	13.7	55.39	11.25	55.39	11.44	55.39	11.63	55.39	11.73	54.21	11.54	50.56	10.58
	19	14.2	55.39	11.34	55.39	11.54	55.39	11.64	55.39	11.62	54.21	11.34	50.56	10.33
	21	15	55.39	11.46	55.39	11.63	55.39	11.71	55.39	11.53	54.21	11.00	50.56	10.15
110	-14.7	-15	28.77	8.53	28.77	8.90	28.77	9.25	28.77	9.44	28.77	9.63	28.77	10.01
	-12.6	-13	30.48	8.91	30.48	9.26	30.48	9.63	30.48	9.82	30.48	9.91	30.48	10.30
	-10.5	-11	32.42	9.25	32.42	9.54	32.42	9.91	32.42	10.11	32.42	10.21	32.42	10.58
	-9.5	-10	33.49	9.41	33.49	9.73	33.49	10.01	33.49	10.22	33.49	10.40	33.49	10.68
	-8.5	-9.1	34.24	9.54	34.24	9.82	34.24	10.21	34.24	10.32	34.24	10.49	34.24	10.77
	-7	-7.6	35.64	9.73	35.64	10.01	35.64	10.30	35.64	10.52	35.64	10.68	35.64	10.97
	-5	-5.6	37.57	10.01	37.57	10.30	37.57	10.58	37.57	10.72	37.57	10.87	37.57	11.16
	-3	-3.7	39.29	10.21	39.29	10.49	39.29	10.77	39.29	10.82	39.29	11.07	39.29	11.25
	0	-0.7	42.08	10.49	42.08	10.77	42.08	11.07	42.08	11.13	42.08	11.25	42.08	11.54
	3	2.2	44.76	10.77	44.76	11.07	44.76	11.25	44.76	11.35	44.76	11.54	44.76	11.73
	5	4.1	46.48	10.97	46.48	11.16	46.48	11.35	46.48	11.54	46.48	11.63	46.37	11.73
	8.3	6.1	48.30	11.07	48.30	11.25	48.30	11.54	48.30	11.63	48.30	11.73	46.37	11.25
	9	7.9	50.02	11.25	50.02	11.44	50.02	11.63	50.02	11.73	49.70	11.73	46.37	10.77
	11	9.8	51.74	11.35	51.74	11.54	51.74	11.73	51.42	11.73	49.70	11.25	46.37	10.40
	13	11.8	52.60	11.44	52.60	11.63	53.24	11.63	51.42	11.25	49.70	10.77	46.37	10.01
	15	13.7	55.39	11.54	55.39	11.73	53.24	11.25	51.42	10.87	49.70	10.40	46.37	9.63
	19	14.2	55.39	10.78	55.39	11.62	53.24	10.88	51.42	10.43	49.70	10.05	46.37	9.32
	21	15	55.39	10.87	55.39	11.29	53.24	10.31	51.42	10.12	49.70	9.76	46.37	9.19

YV2VYT042KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	28.77	9.11	28.77	9.45	28.77	9.82	28.77	9.91	28.77	10.11	28.77	10.49
	-12.6	-13	30.48	9.47	30.48	9.82	30.48	10.11	30.48	10.21	30.48	10.40	30.48	10.68
	-10.5	-11	32.42	9.82	32.42	10.11	32.42	10.40	32.42	10.49	32.42	10.68	32.42	10.97
	-9.5	-10	33.49	9.91	33.49	10.21	33.49	10.49	33.49	10.68	33.49	10.77	33.49	11.07
	-8.5	-9.1	34.24	10.01	34.24	10.30	34.24	10.58	34.24	10.82	34.24	10.87	34.24	11.16
	-7	-7.6	35.64	10.21	35.64	10.49	35.64	10.77	35.64	10.82	35.64	11.07	35.64	11.35
	-5	-5.6	37.57	10.49	37.57	10.68	37.57	10.97	37.57	11.03	37.57	11.25	37.57	11.44
	-3	-3.7	39.29	10.68	39.29	10.87	39.29	11.16	39.29	11.23	39.29	11.35	39.29	11.63
	0	-0.7	42.08	10.97	42.08	11.16	42.08	11.35	42.08	11.53	42.08	11.63	42.18	11.83
	3	2.2	44.76	11.16	44.76	11.35	44.76	11.63	44.76	11.73	44.76	11.83	42.18	11.07
	5	4.1	46.48	11.25	46.48	11.54	46.48	11.73	46.48	11.83	45.19	11.44	42.18	10.58
	8.3	6.1	48.30	11.44	48.30	11.63	48.30	11.73	46.80	11.35	45.19	10.97	42.18	10.11
	9	7.9	50.02	11.54	50.02	11.73	48.30	11.35	46.80	10.97	45.19	10.49	42.18	9.73
	11	9.8	51.74	11.63	51.42	11.73	48.30	10.87	46.80	10.49	45.19	10.11	42.18	9.36
	13	11.8	52.60	11.73	51.42	11.25	48.30	10.49	46.80	10.11	45.19	9.73	42.18	9.00
	15	13.7	54.42	11.54	51.42	10.87	48.30	10.11	46.80	9.73	45.19	9.39	42.18	8.69
	19	14.2	54.42	11.24	51.42	10.50	48.30	9.85	46.80	9.33	45.19	9.02	42.18	8.46
	21	15	54.42	10.87	51.42	10.05	48.30	9.49	46.80	9.19	45.19	8.75	42.18	8.26
90	-14.7	-15	28.77	9.73	28.77	10.01	28.77	10.30	28.77	10.49	28.77	10.58	28.77	10.87
	-12.6	-13	30.48	10.01	30.48	10.30	30.48	10.58	30.48	10.68	30.48	10.87	30.48	11.16
	-10.5	-11	32.42	10.30	32.42	10.58	32.42	10.87	32.42	10.97	32.42	11.07	32.42	11.35
	-9.5	-10	33.49	10.40	33.49	10.68	33.49	10.97	33.49	11.07	33.49	11.16	33.49	11.44
	-8.5	-9.1	34.24	10.49	34.24	10.77	34.24	11.07	34.24	11.16	34.24	11.25	34.24	11.54
	-7	-7.6	35.64	10.68	35.64	10.97	35.64	11.16	35.64	11.35	35.64	11.44	35.64	11.63
	-5	-5.6	37.57	10.87	37.57	11.16	37.57	11.35	37.57	11.44	37.57	11.63	37.57	11.83
	-3	-3.7	39.29	11.07	39.29	11.35	39.29	11.54	39.29	11.63	39.29	11.73	37.78	11.35
	0	-0.7	42.08	11.35	42.08	11.54	42.08	11.73	41.97	11.83	40.57	11.35	37.78	10.49
	3	2.2	44.76	11.54	44.76	11.73	43.58	11.44	41.97	11.07	40.57	10.58	37.78	9.82
	5	4.1	46.48	11.63	46.37	11.73	43.58	10.97	41.97	10.58	40.57	10.11	37.78	9.39
	8.3	6.1	48.30	11.73	46.37	11.25	43.58	10.49	41.97	10.11	40.57	9.73	37.78	9.01
	9	7.9	49.16	11.54	46.37	10.77	43.58	10.11	41.97	9.73	40.57	9.37	37.78	8.67
	11	9.8	49.16	11.07	46.37	10.40	43.58	9.73	41.97	9.35	40.57	9.01	37.78	8.36
	13	11.8	49.16	10.68	46.37	10.01	43.58	9.32	41.97	8.99	40.57	8.68	37.78	8.05
	15	13.7	49.16	10.30	46.37	9.63	43.58	8.99	41.97	8.69	40.57	8.39	37.78	7.77
	19	14.2	49.16	10.05	46.37	9.36	43.58	8.71	41.97	8.43	40.57	8.08	37.78	7.50
	21	15	49.16	9.68	46.37	9.01	43.58	8.55	41.97	8.15	40.57	7.80	37.78	7.19
80	-14.7	-15	28.77	10.30	28.77	10.58	28.77	10.87	28.77	10.97	28.77	11.07	28.77	11.35
	-12.6	-13	30.48	10.58	30.48	10.77	30.48	11.07	30.48	11.16	30.48	11.35	30.48	11.54
	-10.5	-11	32.42	10.77	32.42	11.07	32.42	11.25	32.42	11.44	32.42	11.54	32.42	11.73
	-9.5	-10	33.49	10.97	33.49	11.16	33.49	11.35	33.49	11.54	33.49	11.63	33.49	11.83
	-8.5	-9.1	34.24	11.07	34.24	11.25	34.24	11.44	34.24	11.63	34.24	11.73	33.60	11.63
	-7	-7.6	35.64	11.16	35.64	11.35	35.64	11.63	35.64	11.73	35.64	11.83	33.60	11.07
	-5	-5.6	37.57	11.35	37.57	11.54	37.57	11.73	37.35	11.83	36.17	11.35	33.60	10.49
	-3	-3.7	39.29	11.54	39.29	11.73	38.64	11.63	37.35	11.16	36.17	10.77	33.60	9.91
	0	-0.7	42.08	11.73	41.11	11.54	38.64	10.77	37.35	10.40	36.17	9.91	33.60	9.22
	3	2.2	43.69	11.44	41.11	10.77	38.64	10.01	37.35	9.63	36.17	9.31	33.60	8.62
	5	4.1	43.69	10.97	41.11	10.30	38.64	9.63	37.35	9.25	36.17	8.91	33.60	8.26
	8.3	6.1	43.69	10.49	41.11	9.82	38.64	9.21	37.35	8.89	36.17	8.58	33.60	7.95
	9	7.9	43.69	10.11	41.11	9.47	38.64	8.85	37.35	8.55	36.17	8.24	33.60	7.66
	11	9.8	43.69	9.73	41.11	9.11	38.64	8.53	37.35	8.24	36.17	7.95	33.60	7.38
	13	11.8	43.69	9.36	41.11	8.77	38.64	8.21	37.35	7.93	36.17	7.66	33.60	7.12
	15	13.7	43.69	9.03	41.11	8.40	38.64	7.93	37.35	7.67	36.17	7.41	33.60	6.90
	19	14.2	43.69	8.72	41.11	8.24	38.64	7.62	37.35	7.38	36.17	7.09	33.60	6.73
	21	15	43.69	8.48	41.11	7.89	38.64	7.41	37.35	7.14	36.17	6.85	33.60	6.37

To be continued

Continued

YV2VYT042KAS-D-X		Heating Capacity											
Capacity Factor (%)	Outdoor Temp.	Indoor Temp. (°C DB)											
		16		18		20		21.1		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB / °C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7 / -15	28.77	10.87	28.77	11.16	28.77	11.35	28.77	11.44	28.77	11.54	28.77	11.83
	-12.6 / -13	30.48	11.16	30.48	11.35	30.48	11.54	30.48	11.63	30.48	11.83	29.41	11.35
	-10.5 / -11	32.42	11.35	32.42	11.54	32.42	11.73	32.42	11.83	31.67	11.44	29.41	10.58
	-9.5 / -10	33.49	11.44	33.49	11.63	33.49	11.83	32.74	11.54	31.67	11.07	29.41	10.21
	-8.5 / -9.1	34.24	11.54	34.24	11.73	33.92	11.63	32.74	11.25	31.67	10.77	29.41	10.01
	-7 / -7.6	35.64	11.63	35.64	11.83	33.92	11.16	32.74	10.68	31.67	10.30	29.41	9.54
	-5 / -5.6	37.57	11.83	35.96	11.25	33.92	10.49	32.74	10.11	31.67	9.73	29.41	9.03
	-3 / -3.7	38.21	11.44	35.96	10.68	33.92	10.01	32.74	9.63	31.67	9.28	29.41	8.59
	0 / -0.7	38.21	10.58	35.96	9.91	33.92	9.26	32.74	8.93	31.67	8.61	29.41	7.99
	3 / 2.2	38.21	9.91	35.96	9.26	33.92	8.65	32.74	8.36	31.67	8.07	29.41	7.49
	5 / 4.1	38.21	9.46	35.96	8.88	33.92	8.31	32.74	8.02	31.67	7.75	29.41	7.20
	8.3 / 6.1	38.21	9.07	35.96	8.53	33.92	7.98	32.74	7.72	31.67	7.45	29.41	6.93
	9 / 7.9	38.21	8.74	35.96	8.20	33.92	7.69	32.74	7.43	31.67	7.18	29.41	6.69
	11 / 9.8	38.21	8.41	35.96	7.91	33.92	7.41	32.74	7.17	31.67	6.88	29.41	6.45
	13 / 11.8	38.21	8.10	35.96	7.62	33.92	7.15	32.74	6.92	31.67	6.69	29.41	6.24
	15 / 13.7	38.21	7.83	35.96	7.37	33.92	6.92	32.74	6.70	31.67	6.47	29.41	6.05
	19 / 14.2	38.21	7.44	35.96	7.17	33.92	6.73	32.74	6.38	31.67	6.11	29.41	5.80
	21 / 15	38.21	7.17	35.96	6.82	33.92	6.42	32.74	6.09	31.67	5.81	29.41	5.48
60	-14.7 / -15	28.77	11.44	28.77	11.63	28.77	11.83	28.02	11.44	27.16	11.07	25.22	10.21
	-12.6 / -13	30.48	11.63	30.48	11.83	28.98	11.07	28.02	10.68	27.16	10.30	25.22	9.52
	-10.5 / -11	32.42	11.83	30.81	11.16	28.98	10.40	28.02	10.01	27.16	9.63	25.22	8.92
	-9.5 / -10	32.74	11.54	30.81	10.77	28.98	10.11	28.02	9.73	27.16	9.36	25.22	8.66
	-8.5 / -9.1	32.74	11.25	30.81	10.49	28.98	9.82	28.02	9.45	27.16	9.10	25.22	8.44
	-7 / -7.6	32.74	10.68	30.81	10.01	28.98	9.38	28.02	9.04	27.16	8.73	25.22	8.08
	-5 / -5.6	32.74	10.11	30.81	9.49	28.98	8.87	28.02	8.57	27.16	8.25	25.22	7.67
	-3 / -3.7	32.74	9.63	30.81	9.02	28.98	8.44	28.02	8.15	27.16	7.87	25.22	7.31
	0 / -0.7	32.74	8.92	30.81	8.39	28.98	7.85	28.02	7.59	27.16	7.33	25.22	6.82
	3 / 2.2	32.74	8.36	30.81	7.85	28.98	7.36	28.02	7.12	27.16	6.89	25.22	6.41
	5 / 4.1	32.74	8.02	30.81	7.55	28.98	7.08	28.02	6.85	27.16	6.62	25.22	6.17
	8.3 / 6.1	32.74	7.71	30.81	7.25	28.98	6.82	28.02	6.60	27.16	6.38	25.22	5.95
	9 / 7.9	32.74	7.43	30.81	7.00	28.98	6.58	28.02	6.37	27.16	6.16	25.22	5.75
	11 / 9.8	32.74	7.17	30.81	6.75	28.98	6.35	28.02	6.15	27.16	5.95	25.22	5.57
	13 / 11.8	32.74	6.91	30.81	6.52	28.98	6.13	28.02	5.94	27.16	5.76	25.22	5.39
	15 / 13.7	32.74	6.70	30.81	6.31	28.98	5.94	28.02	5.76	27.16	5.58	25.22	5.23
	19 / 14.2	32.74	6.50	30.81	6.01	28.98	5.76	28.02	5.58	27.16	5.37	25.22	5.00
	21 / 15	32.74	6.23	30.81	5.84	28.98	5.51	28.02	5.40	27.16	5.20	25.22	4.81
50	-14.7 / -15	27.16	11.07	25.65	10.40	24.15	9.73	23.29	9.37	22.54	9.02	21.04	8.37
	-12.6 / -13	27.16	10.40	25.65	9.73	24.15	9.06	23.29	8.75	22.54	8.44	21.04	7.83
	-10.5 / -11	27.16	9.73	25.65	9.09	24.15	8.51	23.29	8.22	22.54	7.93	21.04	7.37
	-9.5 / -10	27.16	9.41	25.65	8.82	24.15	8.25	23.29	7.98	22.54	7.71	21.04	7.16
	-8.5 / -9.1	27.16	9.15	25.65	8.59	24.15	8.05	23.29	7.77	22.54	7.51	21.04	6.98
	-7 / -7.6	27.16	8.77	25.65	8.24	24.15	7.72	23.29	7.46	22.54	7.21	21.04	6.72
	-5 / -5.6	27.16	8.31	25.65	7.81	24.15	7.32	23.29	7.08	22.54	6.85	21.04	6.38
	-3 / -3.7	27.16	7.91	25.65	7.45	24.15	6.99	23.29	6.76	22.54	6.54	21.04	6.10
	0 / -0.7	27.16	7.37	25.65	6.94	24.15	6.52	23.29	6.32	22.54	6.11	21.04	5.72
	3 / 2.2	27.16	6.91	25.65	6.52	24.15	6.14	23.29	5.95	22.54	5.76	21.04	5.39
	5 / 4.1	27.16	6.66	25.65	6.28	24.15	5.92	23.29	5.74	22.54	5.43	21.04	5.20
	8.3 / 6.1	27.16	6.41	25.65	6.06	24.15	5.71	23.29	5.53	22.54	5.36	21.04	5.03
	9 / 7.9	27.16	6.19	25.65	5.85	24.15	5.51	23.29	5.35	22.54	5.19	21.04	4.87
	11 / 9.8	27.16	5.98	25.65	5.65	24.15	5.34	23.29	5.18	22.54	5.03	21.04	4.71
	13 / 11.8	27.16	5.79	25.65	5.47	24.15	5.17	23.29	5.02	22.54	4.87	21.04	4.57
	15 / 13.7	27.16	5.60	25.65	5.31	24.15	5.02	23.29	4.88	22.54	4.72	21.04	4.44
	19 / 14.2	27.16	5.43	25.65	5.10	24.15	4.84	23.29	4.65	22.54	4.56	21.04	4.25
	21 / 15	27.16	5.08	25.65	4.96	24.15	4.71	23.29	4.46	22.54	4.38	21.04	4.08

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 45. Heating capacity YV2VYT045KAS-D-X

YV2VYT045KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	30.69	8.69	30.69	9.21	30.69	9.71	30.69	9.98	30.69	10.24	30.69	10.75
	-12.6	-13	32.68	9.23	32.68	9.71	32.68	10.20	32.68	10.43	32.68	10.68	32.68	11.16
	-10.5	-11	34.78	9.70	34.78	10.17	34.78	10.62	34.78	10.85	34.78	11.08	34.78	11.50
	-9.5	-10	35.93	9.93	35.93	10.37	35.93	10.80	35.93	11.03	35.93	11.26	35.93	11.72
	-8.5	-9.1	36.77	10.11	36.77	10.55	36.77	10.98	36.77	11.20	36.77	11.38	36.77	11.84
	-7	-7.6	38.23	10.40	38.23	10.83	38.23	11.24	38.23	11.50	38.23	11.61	38.23	12.06
	-5	-5.6	40.33	10.75	40.33	11.14	40.33	11.50	40.33	11.72	40.33	11.95	40.33	12.29
	-3	-3.7	42.32	11.07	42.32	11.38	42.32	11.84	42.32	12.06	42.32	12.18	42.32	12.63
	0	-0.7	45.46	11.50	45.46	11.84	45.46	12.18	45.46	12.40	45.46	12.52	45.46	12.85
	3	2.2	48.40	11.84	48.40	12.18	48.40	12.52	48.40	12.63	48.40	12.85	48.40	13.19
	5	4.1	50.39	12.06	50.39	12.40	50.39	12.73	50.39	12.85	50.39	13.07	50.39	13.30
	8.3	6.1	52.38	12.29	52.38	12.63	52.38	12.85	52.38	13.07	52.38	13.19	52.38	13.53
	9	7.9	54.26	12.40	54.26	12.73	54.26	13.07	54.26	13.19	54.26	13.30	54.26	13.64
	11	9.8	56.25	12.63	56.25	12.85	56.25	13.19	56.25	13.30	56.25	13.53	56.25	13.75
	13	11.8	58.43	12.73	58.43	13.07	58.43	13.30	58.43	13.53	58.43	13.64	58.43	13.87
	15	13.7	60.34	12.96	60.23	13.19	60.23	13.41	60.23	13.64	60.23	13.75	59.29	13.75
	19	14.2	60.34	13.08	60.23	13.32	60.23	13.54	60.23	13.76	60.23	13.88	59.29	13.48
	21	15	60.34	13.18	60.23	13.45	60.23	13.67	60.23	13.84	60.23	13.66	59.29	13.33
120	-14.7	-15	30.69	9.39	30.69	9.87	30.69	10.34	30.69	10.58	30.69	10.80	30.69	11.27
	-12.6	-13	32.68	9.89	32.68	10.32	32.68	10.77	32.68	11.00	32.68	11.23	32.68	11.72
	-10.5	-11	34.78	10.32	34.78	10.74	34.78	11.16	34.78	11.38	34.78	11.61	34.78	12.06
	-9.5	-10	35.93	10.53	35.93	10.94	35.93	11.38	35.93	11.50	35.93	11.72	35.93	12.18
	-8.5	-9.1	36.77	10.70	36.77	11.09	36.77	11.50	36.77	11.72	36.77	11.95	36.77	12.29
	-7	-7.6	38.23	10.97	38.23	11.38	38.23	11.72	38.23	11.95	38.23	12.10	38.23	12.52
	-5	-5.6	40.33	11.27	40.33	11.61	40.33	12.06	40.33	12.18	40.33	12.43	40.33	12.73
	-3	-3.7	42.32	11.61	42.32	11.95	42.32	12.29	42.32	12.40	42.32	12.65	42.32	12.96
	0	-0.7	45.46	11.95	45.46	12.29	45.46	12.63	45.46	12.73	45.46	12.96	45.46	13.30
	3	2.2	48.40	12.29	48.40	12.63	48.40	12.96	48.40	13.07	48.40	13.19	48.40	13.53
	5	4.1	50.39	12.52	50.39	12.73	50.39	13.07	50.39	13.19	50.39	13.41	50.39	13.64
	8.3	6.1	52.38	12.63	52.38	12.96	52.38	13.30	52.38	13.41	52.38	13.53	52.38	13.87
	9	7.9	54.26	12.85	54.26	13.07	54.26	13.41	54.26	13.53	54.26	13.64	54.26	13.98
	11	9.8	56.25	12.96	56.25	13.30	56.25	13.53	56.25	13.64	56.25	13.75	54.79	13.53
	13	11.8	58.43	13.19	58.43	13.41	58.43	13.64	58.43	13.75	58.43	13.98	54.79	13.07
	15	13.7	60.23	13.30	60.23	13.53	60.23	13.75	60.23	13.87	58.77	13.64	54.79	12.52
	19	14.2	60.23	13.41	60.23	13.64	60.23	13.77	60.23	13.74	58.77	13.41	54.79	12.21
	21	15	60.23	13.55	60.23	13.75	60.23	13.85	60.23	13.63	58.77	13.00	54.79	11.99
110	-14.7	-15	30.69	10.07	30.69	10.52	30.69	10.94	30.69	11.16	30.69	11.38	30.69	11.84
	-12.6	-13	32.68	10.54	32.68	10.95	32.68	11.38	32.68	11.61	32.68	11.72	32.68	12.18
	-10.5	-11	34.78	10.94	34.78	11.27	34.78	11.72	34.78	11.95	34.78	12.06	34.78	12.52
	-9.5	-10	35.93	11.12	35.93	11.50	35.93	11.84	35.93	12.10	35.93	12.29	35.93	12.63
	-8.5	-9.1	36.77	11.27	36.77	11.61	36.77	12.06	36.77	12.21	36.77	12.40	36.77	12.73
	-7	-7.6	38.23	11.50	38.23	11.84	38.23	12.18	38.23	12.43	38.23	12.63	38.23	12.96
	-5	-5.6	40.33	11.84	40.33	12.18	40.33	12.52	40.33	12.65	40.33	12.85	40.33	13.19
	-3	-3.7	42.32	12.06	42.32	12.40	42.32	12.73	42.32	12.86	42.32	13.07	42.32	13.30
	0	-0.7	45.46	12.40	45.46	12.73	45.46	13.07	45.46	13.19	45.46	13.30	45.46	13.64
	3	2.2	48.40	12.73	48.40	13.07	48.40	13.30	48.40	13.41	48.40	13.64	48.40	13.87
	5	4.1	50.39	12.96	50.39	13.19	50.39	13.41	50.39	13.64	50.39	13.75	50.18	13.87
	8.3	6.1	52.38	13.07	52.38	13.30	52.38	13.64	52.38	13.75	52.38	13.87	50.18	13.30
	9	7.9	54.26	13.30	54.26	13.53	54.26	13.75	54.26	13.87	53.84	13.87	50.18	12.73
	11	9.8	56.25	13.41	56.25	13.64	56.25	13.87	55.73	13.87	53.84	13.30	50.18	12.29
	13	11.8	58.43	13.53	58.43	13.75	57.61	13.75	55.73	13.30	53.84	12.73	50.18	11.84
	15	13.7	60.34	13.64	60.34	13.87	57.61	13.30	55.73	12.85	53.84	12.29	50.18	11.38
	19	14.2	60.34	12.74	60.34	13.74	57.61	12.86	55.73	12.33	53.84	11.87	50.18	11.01
	21	15	60.34	12.85	60.34	13.33	57.61	12.18	55.73	11.96	53.84	11.55	50.18	10.85

To be continued

YV2VYT045KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	30.69	10.77	30.69	11.18	30.69	11.61	30.69	11.72	30.69	11.95	30.69	12.40
	-12.6	-13	32.68	11.20	32.68	11.61	32.68	11.95	32.68	12.06	32.68	12.29	32.68	12.63
	-10.5	-11	34.78	11.61	34.78	11.95	34.78	12.29	34.78	12.40	34.78	12.63	34.78	12.96
	-9.5	-10	35.93	11.72	35.93	12.06	35.93	12.40	35.93	12.63	35.93	12.73	35.93	13.07
	-8.5	-9.1	36.77	11.84	36.77	12.18	36.77	12.52	36.77	12.73	36.77	12.85	36.77	13.19
	-7	-7.6	38.23	12.06	38.23	12.40	38.23	12.73	38.23	12.85	38.23	13.07	38.23	13.41
	-5	-5.6	40.33	12.40	40.33	12.63	40.33	12.96	40.33	13.07	40.33	13.30	40.33	13.53
	-3	-3.7	42.32	12.63	42.32	12.85	42.32	13.19	42.32	13.30	42.32	13.41	42.32	13.75
	0	-0.7	45.46	12.96	45.46	13.19	45.46	13.41	45.46	13.64	45.46	13.75	45.46	13.98
	3	2.2	48.40	13.19	48.40	13.41	48.40	13.75	48.40	13.87	48.40	13.98	45.67	13.07
	5	4.1	50.39	13.30	50.39	13.64	50.39	13.87	50.39	13.98	50.39	13.53	45.67	12.52
	8.3	6.1	52.38	13.53	52.38	13.75	52.38	14.72	50.70	13.41	49.02	12.96	45.67	11.95
	9	7.9	54.26	13.64	54.26	13.87	52.38	13.41	50.70	12.96	49.02	12.40	45.67	11.50
	11	9.8	56.25	13.75	55.73	13.87	52.38	12.85	50.70	12.40	49.02	11.95	45.67	11.06
	13	11.8	58.43	13.87	55.73	13.30	52.38	12.40	50.70	11.95	49.02	11.50	45.67	10.64
	15	13.7	59.08	13.64	55.73	12.85	52.38	11.95	50.70	11.50	49.02	11.09	45.67	10.27
	19	14.2	59.08	13.28	55.73	12.41	52.38	11.65	50.70	11.02	49.02	10.66	45.67	10.00
	21	15	59.08	12.85	55.73	11.87	52.38	11.21	50.70	10.85	49.02	10.35	45.67	9.77
90	-14.7	-15	30.69	11.50	30.69	11.84	30.69	12.18	30.69	12.40	30.69	12.52	30.69	12.85
	-12.6	-13	32.68	11.84	32.68	12.18	32.68	12.52	32.68	12.63	32.68	12.85	32.68	13.19
	-10.5	-11	34.78	12.18	34.78	12.52	34.78	12.85	34.78	12.96	34.78	13.07	34.78	13.41
	-9.5	-10	35.93	12.29	35.93	12.63	35.93	12.96	35.93	13.07	35.93	13.19	35.93	13.53
	-8.5	-9.1	36.77	12.40	36.77	12.73	36.77	13.07	36.77	13.19	36.77	13.30	36.77	13.64
	-7	-7.6	38.23	12.63	38.23	12.96	38.23	13.19	38.23	13.41	38.23	13.53	38.23	13.75
	-5	-5.6	40.33	12.85	40.33	13.19	40.33	13.41	40.33	13.53	40.33	13.75	40.33	13.98
	-3	-3.7	42.32	13.07	42.32	13.41	42.32	13.64	42.32	13.75	42.32	13.87	41.06	13.41
	0	-0.7	45.46	13.41	45.46	13.64	45.46	13.87	45.46	13.98	44.10	13.41	41.06	12.40
	3	2.2	48.40	13.64	48.40	13.87	47.14	13.53	45.57	13.07	44.10	12.52	41.06	11.61
	5	4.1	50.39	13.75	50.07	13.87	47.14	12.96	45.57	12.52	44.10	11.95	41.06	11.09
	8.3	6.1	52.38	13.87	50.07	13.30	47.14	12.40	45.57	11.95	44.10	11.50	41.06	10.65
	9	7.9	53.21	13.64	50.07	12.73	47.14	11.95	45.57	11.50	44.10	11.07	41.06	10.25
	11	9.8	53.21	13.07	50.07	12.29	47.14	11.50	45.57	11.04	44.10	10.65	41.06	9.88
	13	11.8	53.21	12.63	50.07	11.84	47.14	11.01	45.57	10.63	44.10	10.26	41.06	9.52
	15	13.7	53.21	12.18	50.07	11.38	47.14	10.63	45.57	10.27	44.10	9.91	41.06	9.19
	19	14.2	53.21	11.87	50.07	11.07	47.14	10.29	45.57	9.96	44.10	9.55	41.06	8.85
	21	15	53.21	11.44	50.07	10.65	47.14	10.11	45.57	9.64	44.10	9.21	41.06	8.49
80	-14.7	-15	30.69	12.18	30.69	12.52	30.69	12.85	30.69	12.96	30.69	13.07	30.69	13.41
	-12.6	-13	32.68	12.52	32.68	12.73	32.68	13.07	32.68	13.19	32.68	13.41	32.68	13.64
	-10.5	-11	34.78	12.73	34.78	13.07	34.78	13.30	34.78	13.53	34.78	13.64	34.78	13.87
	-9.5	-10	35.93	12.96	35.93	13.19	35.93	13.41	35.93	13.64	35.93	13.75	35.93	13.98
	-8.5	-9.1	36.77	13.07	36.77	13.30	36.77	13.53	36.77	13.75	36.77	13.87	36.45	13.75
	-7	-7.6	38.23	13.19	38.23	13.41	38.23	13.75	38.23	13.87	38.23	13.98	36.45	13.07
	-5	-5.6	40.33	13.41	40.33	13.64	40.33	13.87	40.43	13.98	39.18	13.41	36.45	12.40
	-3	-3.7	42.32	13.64	42.32	13.87	41.90	13.75	40.43	13.19	39.18	12.73	36.45	11.72
	0	-0.7	45.46	13.87	44.52	13.64	41.90	12.73	40.43	12.29	39.18	11.72	36.45	10.89
	3	2.2	47.24	13.53	44.52	12.73	41.90	11.84	40.43	11.38	39.18	11.00	36.45	10.19
	5	4.1	47.24	12.96	44.52	12.18	41.90	11.38	40.43	10.94	39.18	10.54	36.45	9.77
	8.3	6.1	47.24	12.40	44.52	11.61	41.90	10.88	40.43	10.51	39.18	10.13	36.45	9.40
	9	7.9	47.24	11.95	44.52	11.20	41.90	10.46	40.43	10.10	39.18	9.75	36.45	9.05
	11	9.8	47.24	11.50	44.52	10.77	41.90	10.07	40.43	9.74	39.18	9.40	36.45	8.72
	13	11.8	47.24	11.06	44.52	10.37	41.90	9.70	40.43	9.38	39.18	9.05	36.45	8.42
	15	13.7	47.24	10.67	44.52	9.92	41.90	9.38	40.43	9.06	39.18	8.75	36.45	8.14
	19	14.2	47.24	10.30	44.52	9.75	41.90	9.01	40.43	8.72	39.18	8.38	36.45	7.95
	21	15	47.24	10.01	44.52	9.32	41.90	8.77	40.43	8.45	39.18	8.10	36.45	7.52

To be continued

Continued

YV2VYT045KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	30.69	12.85	30.69	13.19	30.69	13.41	30.69	13.53	30.69	13.64	30.69	13.98
	-12.6	-13	32.68	13.19	32.68	13.41	32.68	13.64	32.68	13.75	32.68	13.98	31.95	13.41
	-10.5	-11	34.78	13.41	34.78	13.64	34.78	13.87	34.78	13.98	34.25	13.53	31.95	12.52
	-9.5	-10	35.93	13.53	35.93	13.75	35.93	13.98	35.41	13.64	34.25	13.07	31.95	12.06
	-8.5	-9.1	36.77	13.64	36.77	13.87	36.66	13.75	35.41	13.30	34.25	12.73	31.95	11.84
	-7	-7.6	38.23	13.75	38.23	13.98	36.66	13.19	35.41	12.63	34.25	12.18	31.95	11.27
	-5	-5.6	40.33	13.98	38.97	13.30	36.66	12.40	35.41	11.95	34.25	11.50	31.95	10.67
	-3	-3.7	41.27	13.53	38.97	12.63	36.66	11.84	35.41	11.38	34.25	10.97	31.95	10.16
	0	-0.7	41.27	12.52	38.97	11.72	36.66	10.95	35.41	10.56	34.25	10.18	31.95	9.44
	3	2.2	41.27	11.72	38.97	10.95	36.66	10.23	35.41	9.88	34.25	9.54	31.95	8.85
	5	4.1	41.27	11.19	38.97	10.50	36.66	9.82	35.41	9.47	34.25	9.16	31.95	8.51
	8.3	6.1	41.27	10.73	38.97	10.07	36.66	9.43	35.41	9.11	34.25	8.80	31.95	8.20
	9	7.9	41.27	10.32	38.97	9.69	36.66	9.08	35.41	8.78	34.25	8.49	31.95	7.90
	11	9.8	41.27	9.94	38.97	9.34	36.66	8.77	35.41	8.47	34.25	8.12	31.95	7.63
	13	11.8	41.27	9.58	38.97	9.01	36.66	8.45	35.41	8.19	34.25	7.90	31.95	7.37
	15	13.7	41.27	9.26	38.97	8.71	36.66	8.19	35.41	7.92	34.25	7.65	31.95	7.14
	19	14.2	41.27	8.79	38.97	8.47	36.66	7.96	35.41	7.54	34.25	7.22	31.95	6.85
	21	15	41.27	8.47	38.97	8.06	36.66	7.60	35.41	7.20	34.25	6.86	31.95	6.48
60	-14.7	-15	30.69	13.53	30.69	13.75	30.69	13.98	30.38	13.53	29.44	13.07	27.34	12.06
	-12.6	-13	32.68	13.75	32.68	13.98	31.43	13.07	30.38	12.63	29.44	12.18	27.34	11.25
	-10.5	-11	34.78	13.98	33.31	13.19	31.43	12.29	30.38	11.84	29.44	11.38	27.34	10.55
	-9.5	-10	35.41	13.64	33.31	12.73	31.43	11.95	30.38	11.50	29.44	11.06	27.34	10.24
	-8.5	-9.1	35.41	13.30	33.31	12.40	31.43	11.61	30.38	11.18	29.44	10.76	27.34	9.98
	-7	-7.6	35.41	12.63	33.31	11.84	31.43	11.08	30.38	10.68	29.44	10.31	27.34	9.56
	-5	-5.6	35.41	11.95	33.31	11.22	31.43	10.49	30.38	10.12	29.44	9.76	27.34	9.06
	-3	-3.7	35.41	11.38	33.31	10.66	31.43	9.98	30.38	9.64	29.44	9.30	27.34	8.65
	0	-0.7	35.41	10.55	33.31	9.91	31.43	9.28	30.38	8.97	29.44	8.67	27.34	8.06
	3	2.2	35.41	9.88	33.31	9.28	31.43	8.70	30.38	8.42	29.44	8.13	27.34	7.59
	5	4.1	35.41	9.47	33.31	8.92	31.43	8.36	30.38	8.09	29.44	7.83	27.34	7.29
	8.3	6.1	35.41	9.10	33.31	8.58	31.43	8.06	30.38	7.80	29.44	7.54	27.34	7.03
	9	7.9	35.41	8.78	33.31	8.27	31.43	7.76	30.38	7.53	29.44	7.28	27.34	6.79
	11	9.8	35.41	8.47	33.31	7.98	31.43	7.51	30.38	7.27	29.44	7.03	27.34	6.59
	13	11.8	35.41	8.18	33.31	7.71	31.43	7.25	30.38	7.02	29.44	6.80	27.34	6.37
	15	13.7	35.41	7.92	33.31	7.46	31.43	7.02	30.38	6.80	29.44	6.60	27.34	6.18
	19	14.2	35.41	7.69	33.31	7.10	31.43	6.81	30.38	6.60	29.44	6.35	27.34	5.91
	21	15	35.41	7.37	33.31	6.90	31.43	6.52	30.38	6.38	29.44	6.14	27.34	5.68
50	-14.7	-15	29.54	13.07	27.76	12.29	26.19	11.50	25.35	11.07	24.51	10.66	22.73	9.89
	-12.6	-13	29.54	12.29	27.76	11.50	26.19	10.71	25.35	10.35	24.51	9.98	22.73	9.26
	-10.5	-11	29.54	11.50	27.76	10.75	26.19	10.05	25.35	9.71	24.51	9.38	22.73	8.71
	-9.5	-10	29.54	11.11	27.76	10.42	26.19	9.76	25.35	9.43	24.51	9.10	22.73	8.46
	-8.5	-9.1	29.54	10.83	27.76	10.16	26.19	9.52	25.35	9.19	24.51	8.87	22.73	8.25
	-7	-7.6	29.54	10.37	27.76	9.74	26.19	9.11	25.35	8.81	24.51	8.53	22.73	7.94
	-5	-5.6	29.54	9.82	27.76	9.23	26.19	8.66	25.35	8.37	24.51	8.09	22.73	7.54
	-3	-3.7	29.54	9.35	27.76	8.80	26.19	8.26	25.35	7.99	24.51	7.73	22.73	7.22
	0	-0.7	29.54	8.71	27.76	8.21	26.19	7.71	25.35	7.47	24.51	7.23	22.73	6.75
	3	2.2	29.54	8.18	27.76	7.71	26.19	7.26	25.35	7.03	24.51	6.80	22.73	6.37
	5	4.1	29.54	7.87	27.76	7.42	26.19	6.99	25.35	6.77	24.51	6.64	22.73	6.14
	8.3	6.1	29.54	7.58	27.76	7.16	26.19	6.74	25.35	6.54	24.51	6.33	22.73	5.94
	9	7.9	29.54	7.32	27.76	6.91	26.19	6.52	25.35	6.32	24.51	6.13	22.73	5.75
	11	9.8	29.54	7.06	27.76	6.68	26.19	6.31	25.35	6.12	24.51	5.94	22.73	5.57
	13	11.8	29.54	6.85	27.76	6.47	26.19	6.11	25.35	5.93	24.51	5.75	22.73	5.40
	15	13.7	29.54	6.63	27.76	6.28	26.19	5.93	25.35	5.76	24.51	5.58	22.73	5.25
	19	14.2	29.54	6.42	27.76	6.03	26.19	5.72	25.35	5.51	24.51	5.39	22.73	5.03
	21	15	29.54	6.00	27.76	5.87	26.19	5.57	25.35	5.27	24.51	5.18	22.73	4.82

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 46. Heating capacity YV2VYT053KAS-D-X

YV2VYT053KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	39.03	9.20	39.03	9.74	39.03	10.27	38.92	10.55	38.92	10.83	38.92	11.37
	-12.6	-13	41.09	9.76	41.09	10.27	41.09	10.80	41.09	11.04	41.09	11.30	41.09	11.80
	-10.5	-11	43.15	10.26	43.15	10.75	43.15	11.22	43.15	11.47	43.15	11.73	43.15	12.17
	-9.5	-10	44.34	10.50	44.34	10.97	44.34	11.44	44.34	11.67	44.34	11.92	44.34	12.40
	-8.5	-9.1	45.32	10.70	45.32	11.17	45.32	11.62	45.32	11.84	45.32	12.05	45.32	12.53
	-7	-7.6	46.94	11.00	46.94	11.45	46.94	11.90	46.94	12.17	46.94	12.28	46.94	12.76
	-5	-5.6	49.00	11.37	49.00	11.80	49.00	12.17	49.00	12.40	49.00	12.64	49.00	13.01
	-3	-3.7	50.95	11.70	50.95	12.05	50.95	12.53	50.95	12.76	50.95	12.88	50.95	13.36
	0	-0.7	54.20	12.17	54.20	12.53	54.20	12.88	54.20	13.12	54.20	13.23	54.20	13.60
	3	2.2	57.24	12.53	57.24	12.88	57.24	13.23	57.24	13.36	57.24	13.60	57.24	13.96
	5	4.1	59.30	12.76	59.30	13.12	59.30	13.48	59.30	13.60	59.30	13.84	59.30	14.07
	8.3	6.1	61.25	13.01	61.25	13.36	61.25	13.60	61.25	13.84	61.25	13.96	61.25	14.31
	9	7.9	63.31	13.12	63.20	13.48	63.20	13.84	63.20	13.96	63.20	14.07	63.20	14.44
	11	9.8	65.37	13.36	65.37	13.60	65.37	13.96	65.37	14.07	65.37	14.31	65.37	14.55
	13	11.8	67.43	13.48	67.43	13.84	67.43	14.07	67.43	14.31	67.43	14.44	67.43	14.67
	15	13.7	69.38	13.71	69.38	13.96	69.38	14.19	69.38	14.44	69.38	14.55	69.38	14.55
	19	14.2	69.38	13.84	69.38	14.10	69.38	14.32	69.38	14.55	69.38	14.68	69.38	14.26
	21	15	69.38	13.93	69.38	14.23	69.38	14.46	69.38	14.64	69.38	14.46	69.38	14.12
120	-14.7	-15	39.03	9.93	38.92	10.43	38.92	10.94	38.92	11.19	38.92	11.44	38.92	11.93
	-12.6	-13	41.09	10.47	41.09	10.93	41.09	11.39	41.09	11.64	41.09	11.87	41.09	12.40
	-10.5	-11	43.15	10.93	43.15	11.37	43.15	11.80	43.15	12.05	43.15	12.28	43.15	12.76
	-9.5	-10	44.34	11.14	44.34	11.57	44.34	12.05	44.34	12.17	44.34	12.40	44.34	12.88
	-8.5	-9.1	45.32	11.32	45.32	11.73	45.32	12.17	45.32	12.40	45.32	12.64	45.32	13.01
	-7	-7.6	46.94	11.60	46.94	12.05	46.94	12.40	46.94	12.64	46.94	12.76	46.94	13.23
	-5	-5.6	49.00	11.93	49.00	12.28	49.00	12.76	49.00	12.88	49.00	13.12	49.00	13.48
	-3	-3.7	50.95	12.28	50.95	12.64	50.95	13.01	50.95	13.12	50.95	13.36	50.95	13.71
	0	-0.7	54.20	12.64	54.20	13.01	54.20	13.36	54.20	13.48	54.20	13.71	54.20	14.07
	3	2.2	57.24	13.01	57.24	13.36	57.24	13.71	57.24	13.84	57.24	13.96	57.24	14.31
	5	4.1	59.30	13.23	59.30	13.48	59.30	13.84	59.30	13.96	59.30	14.19	59.30	14.44
	8.3	6.1	61.25	13.36	61.25	13.71	61.25	14.07	61.25	14.19	61.25	14.31	61.25	14.67
	9	7.9	63.20	13.60	63.20	13.84	63.20	14.19	63.20	14.31	63.20	14.44	63.20	14.79
	11	9.8	65.37	13.71	65.37	14.07	65.37	14.31	65.26	14.44	65.26	14.55	63.96	14.31
	13	11.8	67.43	13.96	67.43	14.19	67.43	14.44	67.43	14.55	67.43	14.79	63.96	13.84
	15	13.7	69.38	14.07	69.38	14.31	69.38	14.55	69.38	14.67	69.16	14.44	63.96	13.23
	19	14.2	69.38	14.19	69.38	14.38	71.13	14.56	71.13	14.59	70.91	14.19	63.96	12.92
	21	15	69.38	14.34	69.38	14.44	72.01	14.62	72.01	14.52	71.79	13.75	63.96	12.69
110	-14.7	-15	38.92	10.67	38.92	11.13	38.92	11.57	38.92	11.80	38.92	12.05	38.92	12.53
	-12.6	-13	41.09	11.15	41.09	11.58	41.09	12.05	41.09	12.28	41.09	12.40	41.09	12.88
	-10.5	-11	43.15	11.57	43.15	11.93	43.15	12.40	43.15	12.64	43.15	12.76	43.15	13.23
	-9.5	-10	44.34	11.77	44.34	12.17	44.34	12.53	44.34	12.76	44.34	13.01	44.34	13.36
	-8.5	-9.1	45.32	11.93	45.32	12.28	45.32	12.76	45.32	12.88	45.32	13.12	45.32	13.48
	-7	-7.6	46.94	12.17	46.94	12.53	46.94	12.88	46.94	13.12	46.94	13.36	46.94	13.71
	-5	-5.6	49.00	12.53	49.00	12.88	49.00	13.23	49.00	13.36	49.00	13.60	49.00	13.96
	-3	-3.7	50.95	12.76	50.95	13.12	50.95	13.48	50.95	13.60	50.95	13.84	50.95	14.07
	0	-0.7	54.20	13.12	54.10	13.48	54.10	13.84	54.10	13.96	54.10	14.07	54.10	14.44
	3	2.2	57.24	13.48	57.24	13.84	57.24	14.07	57.24	14.19	57.24	14.44	57.24	14.67
	5	4.1	59.30	13.71	59.30	13.96	59.30	14.19	59.30	14.44	59.30	14.55	58.87	14.67
	8.3	6.1	61.25	13.84	61.25	14.07	61.25	14.44	61.25	14.55	61.25	14.67	58.87	14.07
	9	7.9	63.20	14.07	63.20	14.31	63.20	14.55	63.20	14.67	62.77	14.67	58.87	13.48
	11	9.8	65.37	14.19	65.26	14.44	65.26	14.67	65.15	14.67	62.77	14.07	58.87	13.01
	13	11.8	67.43	14.31	67.43	14.55	67.43	14.55	65.15	14.07	62.77	13.48	58.87	12.53
	15	13.7	69.38	14.44	69.38	14.67	67.43	14.07	65.15	13.60	62.77	13.01	58.87	12.05
	19	14.2	69.38	13.49	69.38	14.53	67.43	13.61	65.15	13.05	62.77	12.56	58.87	11.65
	21	15	69.38	13.60	69.38	14.12	67.43	12.89	65.15	12.65	62.77	12.21	58.87	11.48

To be continued

Continued

YV2VYT053KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	38.92	11.39	38.92	11.82	38.92	12.28	38.92	12.40	38.92	12.64	38.92	13.12
	-12.6	-13	41.09	11.84	41.09	12.28	41.09	12.64	41.09	12.76	41.09	13.01	41.09	13.36
	-10.5	-11	43.15	12.28	43.15	12.64	43.15	13.01	43.15	13.12	43.15	13.36	43.15	13.71
	-9.5	-10	44.34	12.40	44.34	12.76	44.34	13.12	44.34	13.36	44.34	13.48	44.34	13.84
	-8.5	-9.1	45.32	12.53	45.32	12.88	45.32	13.23	45.32	13.48	45.32	13.60	45.32	13.96
	-7	-7.6	46.94	12.76	46.94	13.12	46.94	13.48	46.94	13.60	46.94	13.84	46.94	14.19
	-5	-5.6	49.00	13.12	49.00	13.36	49.00	13.71	49.00	13.84	49.00	14.07	49.00	14.31
	-3	-3.7	50.95	13.36	50.95	13.60	50.95	13.96	50.95	14.07	50.95	14.19	50.95	14.55
	0	-0.7	54.10	13.71	54.10	13.96	54.10	14.19	54.10	14.44	54.10	14.55	53.45	14.79
	3	2.2	57.24	13.96	57.24	14.19	57.24	14.55	57.24	14.67	57.24	14.79	53.45	13.84
	5	4.1	59.30	14.07	59.30	14.44	59.30	14.67	59.30	14.79	57.46	14.31	53.45	13.23
	8.3	6.1	61.25	14.31	61.25	14.55	61.25	14.79	59.30	14.19	57.46	13.71	53.45	12.64
	9	7.9	63.20	14.44	63.20	14.67	61.25	14.19	59.30	13.71	57.46	13.12	53.45	12.17
	11	9.8	65.26	14.55	65.15	14.67	61.25	13.60	59.30	13.12	57.46	12.64	53.45	11.70
	13	11.8	67.43	14.67	65.15	14.07	61.25	13.12	59.30	12.64	57.46	12.17	53.45	11.26
	15	13.7	69.06	14.44	65.15	13.60	61.25	12.64	59.30	12.17	57.46	11.73	53.45	10.87
	19	14.2	69.06	14.05	65.15	13.13	61.25	12.32	59.30	11.65	57.46	11.28	53.45	10.57
	21	15	69.06	13.60	65.15	12.56	61.25	11.85	59.30	11.48	57.46	10.95	53.45	10.34
90	-14.7	-15	38.92	12.17	38.92	12.53	38.92	12.88	38.92	13.12	38.92	13.23	38.92	13.60
	-12.6	-13	41.09	12.53	41.09	12.88	41.09	13.23	41.09	13.36	41.09	13.60	41.09	13.96
	-10.5	-11	43.15	12.88	43.15	13.23	43.15	13.60	43.15	13.71	43.15	13.84	43.15	14.19
	-9.5	-10	44.34	13.01	44.34	13.36	44.34	13.71	44.34	13.84	44.34	13.96	44.34	14.31
	-8.5	-9.1	45.32	13.12	45.32	13.48	45.32	13.84	45.32	13.96	45.32	14.07	45.32	14.44
	-7	-7.6	46.94	13.36	46.94	13.71	46.94	13.96	46.94	14.19	46.94	14.31	46.83	14.55
	-5	-5.6	49.00	13.60	49.00	13.96	49.00	14.19	49.00	14.31	49.00	14.55	47.92	14.79
	-3	-3.7	50.95	13.84	50.95	14.19	50.95	14.44	50.95	14.55	50.95	14.67	47.92	14.19
	0	-0.7	54.10	14.19	54.10	14.44	54.10	14.67	53.23	14.79	51.60	14.19	47.92	13.12
	3	2.2	57.24	14.44	57.24	14.67	55.07	14.31	53.23	13.84	51.60	13.23	47.92	12.28
	5	4.1	59.30	14.55	58.76	14.67	55.07	13.71	53.23	13.23	51.60	12.64	47.92	11.73
	8.3	6.1	61.25	14.67	58.76	14.07	55.07	13.12	53.23	12.64	51.60	12.17	47.92	11.27
	9	7.9	62.34	14.44	58.76	13.48	55.07	12.64	53.23	12.17	51.60	11.70	47.92	10.84
	11	9.8	62.34	13.84	58.76	13.01	55.07	12.17	53.23	11.69	51.60	11.27	47.92	10.45
	13	11.8	62.34	13.36	58.76	12.53	55.07	11.65	53.23	11.25	51.60	10.85	47.92	10.06
	15	13.7	62.34	12.88	58.76	12.05	55.07	11.25	53.23	10.87	51.60	10.49	47.92	9.72
	19	14.2	62.34	12.56	58.76	11.70	55.07	10.89	53.23	10.54	51.60	10.11	47.92	9.37
	21	15	62.34	12.10	58.76	11.27	55.07	10.69	53.23	10.19	51.60	9.74	47.92	8.98
80	-14.7	-15	38.92	12.88	38.92	13.23	38.92	13.60	38.92	13.71	38.92	13.84	38.92	14.19
	-12.6	-13	41.09	13.23	41.09	13.48	41.09	13.84	41.09	13.96	41.09	14.19	41.09	14.44
	-10.5	-11	43.15	13.48	43.15	13.84	43.15	14.07	43.15	14.31	43.15	14.44	42.82	14.67
	-9.5	-10	44.34	13.71	44.34	13.96	44.34	14.19	44.34	14.44	44.34	14.55	42.82	14.79
	-8.5	-9.1	45.32	13.84	45.32	14.07	45.32	14.31	45.32	14.55	45.32	14.67	42.82	14.55
	-7	-7.6	46.94	13.96	46.94	14.19	46.83	14.55	46.83	14.67	45.86	14.79	42.82	13.84
	-5	-5.6	49.00	14.19	49.00	14.44	49.00	14.67	47.49	14.79	45.86	14.19	42.82	13.12
	-3	-3.7	50.95	14.44	50.95	14.67	49.00	14.55	47.49	13.96	45.86	13.48	42.82	12.40
	0	-0.7	54.10	14.67	52.15	14.44	49.00	13.48	47.49	13.01	45.86	12.40	42.82	11.52
	3	2.2	55.18	14.31	52.15	13.48	49.00	12.53	47.49	12.05	45.86	11.64	42.82	10.78
	5	4.1	55.18	13.71	52.15	12.88	49.00	12.05	47.49	11.57	45.86	11.15	42.82	10.34
	8.3	6.1	55.18	13.12	52.15	12.28	49.00	11.50	47.49	11.12	45.86	10.72	42.82	9.94
	9	7.9	55.18	12.64	52.15	11.84	49.00	11.06	47.49	10.69	45.86	10.32	42.82	9.57
	11	9.8	55.18	12.17	52.15	11.39	49.00	10.67	47.49	10.30	45.86	9.94	42.82	9.23
	13	11.8	55.18	11.70	52.15	10.97	49.00	10.26	47.49	9.92	45.86	9.57	42.82	8.91
	15	13.7	55.18	11.30	52.15	10.50	49.00	9.92	47.49	9.59	45.86	9.26	42.82	8.62
	19	14.2	55.18	10.90	52.15	10.32	49.00	9.52	47.49	9.24	45.86	8.87	42.82	8.41
	21	15	55.18	10.59	52.15	9.87	49.00	9.27	47.49	8.94	45.86	8.57	42.82	7.96

To be continued

Continued

YV2VYT053KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	38.92	13.60	38.92	13.96	38.92	14.19	38.92	14.31	38.92	14.44	37.40	14.79
	-12.6	-13	41.09	13.96	41.09	14.19	41.09	14.44	41.09	14.55	40.22	14.79	37.40	14.19
	-10.5	-11	43.15	14.19	43.15	14.44	42.93	14.67	41.41	14.79	40.22	14.31	37.40	13.23
	-9.5	-10	44.34	14.31	44.34	14.55	42.93	14.79	41.41	14.44	40.22	13.84	37.40	12.76
	-8.5	-9.1	45.32	14.44	45.32	14.67	42.93	14.55	41.41	14.07	40.22	13.48	37.40	12.53
	-7	-7.6	46.83	14.55	45.64	14.79	42.93	13.96	41.41	13.36	40.22	12.88	37.40	11.93
	-5	-5.6	48.35	14.79	45.64	14.07	42.93	13.12	41.41	12.64	40.22	12.17	37.40	11.30
	-3	-3.7	48.35	14.31	45.64	13.36	42.93	12.53	41.41	12.05	40.22	11.60	37.40	10.74
	0	-0.7	48.35	13.23	45.64	12.40	42.93	11.58	41.41	11.17	40.22	10.77	37.40	10.00
	3	2.2	48.35	12.40	45.64	11.58	42.93	10.82	41.41	10.45	40.22	10.09	37.40	9.37
	5	4.1	48.35	11.83	45.64	11.10	42.93	10.39	41.41	10.03	40.22	9.69	37.40	9.00
	8.3	6.1	48.35	11.35	45.64	10.67	42.93	9.99	41.41	9.64	40.22	9.31	37.40	8.66
	9	7.9	48.35	10.93	45.64	10.26	42.93	9.61	41.41	9.29	40.22	8.98	37.40	8.36
	11	9.8	48.35	10.52	45.64	9.89	42.93	9.28	41.41	8.96	40.22	8.59	37.40	8.08
	13	11.8	48.35	10.14	45.64	9.54	42.93	8.94	41.41	8.66	40.22	8.36	37.40	7.80
	15	13.7	48.35	9.79	45.64	9.22	42.93	8.66	41.41	8.36	40.22	8.10	37.40	7.55
	19	14.2	48.35	9.29	45.64	8.96	42.93	8.42	41.41	7.98	40.22	7.64	37.40	7.26
	21	15	48.35	8.96	45.64	8.52	42.93	8.03	41.41	7.61	40.22	7.26	37.40	6.85
60	-14.7	-15	38.92	14.31	38.92	14.55	36.75	14.79	35.56	14.31	34.37	13.84	32.09	12.76
	-12.6	-13	41.09	14.55	39.14	14.79	36.75	13.84	35.56	13.36	34.37	12.88	32.09	11.90
	-10.5	-11	41.41	14.79	39.14	13.96	36.75	13.01	35.56	12.53	34.37	12.05	32.09	11.17
	-9.5	-10	41.41	14.44	39.14	13.48	36.75	12.64	35.56	12.17	34.37	11.70	32.09	10.83
	-8.5	-9.1	41.41	14.07	39.14	13.12	36.75	12.28	35.56	11.82	34.37	11.39	32.09	10.55
	-7	-7.6	41.41	13.36	39.14	12.53	36.75	11.73	35.56	11.30	34.37	10.91	32.09	10.11
	-5	-5.6	41.41	12.64	39.14	11.87	36.75	11.10	35.56	10.71	34.37	10.33	32.09	9.59
	-3	-3.7	41.41	12.05	39.14	11.28	36.75	10.55	35.56	10.20	34.37	9.84	32.09	9.14
	0	-0.7	41.41	11.17	39.14	10.49	36.75	9.82	35.56	9.50	34.37	9.16	32.09	8.54
	3	2.2	41.41	10.45	39.14	9.82	36.75	9.21	35.56	8.91	34.37	8.61	32.09	8.03
	5	4.1	41.41	10.03	39.14	9.43	36.75	8.84	35.56	8.56	34.37	8.28	32.09	7.71
	8.3	6.1	41.41	9.63	39.14	9.07	36.75	8.54	35.56	8.26	34.37	7.98	32.09	7.44
	9	7.9	41.41	9.29	39.14	8.76	36.75	8.22	35.56	7.96	34.37	7.70	32.09	7.19
	11	9.8	41.41	8.96	39.14	8.44	36.75	7.94	35.56	7.69	34.37	7.44	32.09	6.96
	13	11.8	41.41	8.64	39.14	8.16	36.75	7.66	35.56	7.43	34.37	7.20	32.09	6.73
	15	13.7	41.41	8.36	39.14	7.88	36.75	7.43	35.56	7.20	34.37	6.98	32.09	6.53
	19	14.2	41.41	8.13	39.14	7.51	36.75	7.20	35.56	6.98	34.37	6.72	32.09	6.25
	21	15	41.41	7.79	39.14	7.30	36.75	6.90	35.56	6.75	34.37	6.50	32.09	6.01
50	-14.7	-15	34.58	13.84	32.63	13.01	30.68	12.17	29.60	11.70	28.62	11.28	26.67	10.47
	-12.6	-13	34.58	13.01	32.63	12.17	30.68	11.33	29.60	10.95	28.62	10.55	26.67	9.79
	-10.5	-11	34.58	12.17	32.63	11.37	30.68	10.64	29.60	10.27	28.62	9.92	26.67	9.22
	-9.5	-10	34.58	11.76	32.63	11.03	30.68	10.33	29.60	9.99	28.62	9.63	26.67	8.96
	-8.5	-9.1	34.58	11.45	32.63	10.74	30.68	10.06	29.60	9.72	28.62	9.39	26.67	8.73
	-7	-7.6	34.58	10.97	32.63	10.30	30.68	9.64	29.60	9.32	28.62	9.02	26.67	8.39
	-5	-5.6	34.58	10.39	32.63	9.76	30.68	9.16	29.60	8.87	28.62	8.56	26.67	7.98
	-3	-3.7	34.58	9.89	32.63	9.31	30.68	8.74	29.60	8.46	28.62	8.18	26.67	7.63
	0	-0.7	34.58	9.22	32.63	8.68	30.68	8.16	29.60	7.91	28.62	7.64	26.67	7.15
	3	2.2	34.58	8.64	32.63	8.16	30.68	7.68	29.60	7.44	28.62	7.20	26.67	6.73
	5	4.1	34.58	8.33	32.63	7.86	30.68	7.40	29.60	7.16	28.62	6.75	26.67	6.50
	8.3	6.1	34.58	8.01	32.63	7.58	30.68	7.13	29.60	6.92	28.62	6.70	26.67	6.28
	9	7.9	34.58	7.74	32.63	7.31	30.68	6.90	29.60	6.69	28.62	6.49	26.67	6.08
	11	9.8	34.58	7.48	32.63	7.07	30.68	6.68	29.60	6.48	28.62	6.28	26.67	5.90
	13	11.8	34.58	7.23	32.63	6.85	30.68	6.45	29.60	6.27	28.62	6.08	26.67	5.72
	15	13.7	34.58	7.01	32.63	6.65	30.68	6.27	29.60	6.09	28.62	5.90	26.67	5.56
	19	14.2	34.58	6.80	32.63	6.38	30.68	6.05	29.60	5.83	28.62	5.70	26.67	5.31
	21	15	34.58	6.35	32.63	6.20	30.68	5.90	29.60	5.58	28.62	5.47	26.67	5.10

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 47. Heating capacity YV2VYT059KAS-D-X

YV2VYT059KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	43.23	10.39	43.23	10.99	43.23	11.60	43.02	11.92	43.02	12.23	43.02	12.84
	-12.6	-13	45.38	11.02	45.38	11.60	45.38	12.19	45.38	12.46	45.38	12.75	45.38	13.32
	-10.5	-11	47.75	11.58	47.75	12.15	47.75	12.67	47.75	12.94	47.75	13.23	47.75	13.74
	-9.5	-10	49.04	11.85	49.04	12.38	49.04	12.90	49.04	13.17	49.04	13.44	49.04	13.99
	-8.5	-9.1	50.11	12.08	50.11	12.61	50.11	13.11	50.11	13.36	50.11	13.59	50.11	14.14
	-7	-7.6	52.05	12.42	52.05	12.92	52.05	13.42	52.05	13.74	52.05	13.86	52.05	14.41
	-5	-5.6	54.20	12.84	54.20	13.32	54.20	13.74	54.20	13.99	54.20	14.26	54.20	14.68
	-3	-3.7	56.35	13.21	56.35	13.59	56.35	14.14	56.35	14.41	56.35	14.53	56.35	15.08
	0	-0.7	60.01	13.74	60.01	14.14	60.01	14.53	60.01	14.81	60.01	14.93	60.01	15.35
	3	2.2	63.02	14.14	63.02	14.53	63.02	14.93	63.02	15.08	63.02	15.35	63.02	15.75
	5	4.1	65.60	14.41	65.60	14.81	65.60	15.20	65.60	15.35	65.60	15.62	65.60	15.87
	8.3	6.1	67.75	14.68	67.75	15.08	67.75	15.35	67.75	15.62	67.75	15.75	67.75	16.15
	9	7.9	70.12	14.81	69.90	15.20	69.90	15.62	69.90	15.75	69.90	15.87	69.90	16.29
	11	9.8	72.27	15.08	72.27	15.35	72.27	15.75	72.27	15.87	72.27	16.15	72.27	16.42
	13	11.8	74.63	15.20	74.63	15.62	74.63	15.87	74.63	16.15	74.63	16.29	74.63	16.56
	15	13.7	76.78	15.48	76.78	15.75	76.78	16.02	76.78	16.29	76.78	16.42	76.78	16.42
	19	14.2	76.78	15.62	76.78	15.92	76.78	16.17	76.78	16.42	76.78	16.56	76.78	16.10
	21	15	76.78	15.73	76.78	16.06	76.78	16.31	76.78	16.52	76.78	16.31	76.78	15.94
120	-14.7	-15	43.23	11.20	43.02	11.77	43.02	12.33	43.02	12.63	43.02	12.90	43.02	13.47
	-12.6	-13	45.38	11.81	45.38	12.33	45.38	12.86	45.38	13.13	45.38	13.40	45.38	13.99
	-10.5	-11	47.75	12.33	47.75	12.84	47.75	13.32	47.75	13.59	47.75	13.86	47.75	14.41
	-9.5	-10	49.04	12.56	49.04	13.05	49.04	13.59	49.04	13.74	49.04	13.99	49.04	14.53
	-8.5	-9.1	50.11	12.77	50.11	13.23	50.11	13.74	50.11	13.99	50.11	14.26	50.11	14.68
	-7	-7.6	52.05	13.09	52.05	13.59	52.05	13.99	52.05	14.26	52.05	14.41	52.05	14.93
	-5	-5.6	54.20	13.47	54.20	13.86	54.20	14.41	54.20	14.53	54.20	14.81	54.20	15.20
	-3	-3.7	56.35	13.86	56.35	14.26	56.35	14.68	56.35	14.81	56.35	15.08	56.35	15.48
	0	-0.7	60.01	14.26	60.01	14.68	60.01	15.08	60.01	15.20	60.01	15.48	60.01	15.87
	3	2.2	63.02	14.68	63.02	15.08	63.02	15.48	63.02	15.62	63.02	15.75	63.02	16.15
	5	4.1	65.60	14.93	65.60	15.20	65.60	15.62	65.60	15.75	65.60	16.02	65.60	16.29
	8.3	6.1	67.75	15.08	67.75	15.48	67.75	15.87	67.75	16.02	67.75	16.15	67.75	16.56
	9	7.9	69.90	15.35	69.90	15.62	69.90	16.02	69.90	16.15	69.90	16.29	69.90	16.69
	11	9.8	72.27	15.48	72.27	15.87	72.27	16.15	72.27	16.29	72.27	16.42	70.76	16.15
	13	11.8	74.63	15.75	74.63	16.02	74.63	16.29	74.63	16.42	74.63	16.69	70.76	15.62
	15	13.7	76.78	15.87	76.78	16.15	76.78	16.42	76.78	16.56	76.78	16.29	70.76	14.93
	19	14.2	76.78	16.02	76.78	16.29	76.78	16.44	76.78	16.40	76.78	16.02	70.76	14.58
	21	15	76.78	16.19	76.78	16.42	76.78	16.54	76.78	16.27	76.78	15.52	70.76	14.32
110	-14.7	-15	43.02	12.04	43.02	12.56	43.02	13.05	43.02	13.32	43.02	13.59	43.02	14.14
	-12.6	-13	45.38	12.59	45.38	13.07	45.38	13.59	45.38	13.86	45.38	13.99	45.38	14.53
	-10.5	-11	47.75	13.05	47.75	13.47	47.75	13.99	47.75	14.26	47.75	14.41	47.75	14.93
	-9.5	-10	49.04	13.28	49.04	13.74	49.04	14.14	49.04	14.41	49.04	14.68	49.04	15.08
	-8.5	-9.1	50.11	13.47	50.11	13.86	50.11	14.41	50.11	14.53	50.11	14.81	50.11	15.20
	-7	-7.6	52.05	13.74	52.05	14.14	52.05	14.53	52.05	14.81	52.05	15.08	52.05	15.48
	-5	-5.6	54.20	14.14	54.20	14.53	54.20	14.93	54.20	15.08	54.20	15.35	54.20	15.75
	-3	-3.7	56.35	14.41	56.35	14.81	56.35	15.20	56.35	15.35	56.35	15.62	56.35	15.87
	0	-0.7	60.01	14.81	59.79	15.20	59.79	15.62	59.79	15.75	59.79	15.87	59.79	16.29
	3	2.2	63.02	15.20	63.02	15.62	63.02	15.87	63.02	16.02	63.02	16.29	63.02	16.56
	5	4.1	65.60	15.48	65.60	15.75	65.60	16.02	65.60	16.29	65.60	16.42	64.95	16.56
	8.3	6.1	67.75	15.62	67.75	15.87	67.75	16.29	67.75	16.42	67.75	16.56	64.95	15.87
	9	7.9	69.90	15.87	69.90	16.15	69.90	16.42	69.90	16.56	69.47	16.56	64.95	15.20
	11	9.8	72.27	16.02	72.27	16.29	72.27	16.56	72.05	16.56	69.47	15.87	64.95	14.68
	13	11.8	74.63	16.15	74.63	16.42	74.63	16.42	72.05	15.87	69.47	15.20	64.95	14.14
	15	13.7	76.78	16.29	76.78	16.56	74.63	15.87	72.05	15.35	69.47	14.68	64.95	13.59
	19	14.2	76.78	15.22	76.78	16.40	74.63	15.37	72.05	14.72	69.47	14.18	64.95	13.15
	21	15	76.78	15.35	76.78	15.94	74.63	14.55	72.05	14.28	69.47	13.78	64.95	12.96

To be continued

Continued

YV2VYT059KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	43.02	12.86	43.02	13.34	43.02	13.86	43.02	13.99	43.02	14.26	43.02	14.81
	-12.6	-13	45.38	13.36	45.38	13.86	45.38	14.26	45.38	14.41	45.38	14.68	45.38	15.08
	-10.5	-11	47.75	13.86	47.75	14.26	47.75	14.68	47.75	14.81	47.75	15.08	47.75	15.48
	-9.5	-10	49.04	13.99	49.04	14.41	49.04	14.81	49.04	15.08	49.04	15.20	49.04	15.62
	-8.5	-9.1	50.11	14.14	50.11	14.53	50.11	14.93	50.11	15.20	50.11	15.35	50.11	15.75
	-7	-7.6	52.05	14.41	52.05	14.81	52.05	15.20	52.05	15.35	52.05	15.62	52.05	16.02
	-5	-5.6	54.20	14.81	54.20	15.08	54.20	15.48	54.20	15.62	54.20	15.87	54.20	16.15
	-3	-3.7	56.35	15.08	56.35	15.35	56.35	15.75	56.35	15.87	56.35	16.02	56.35	16.42
	0	-0.7	59.79	15.48	59.79	15.75	59.79	16.02	59.79	16.29	59.79	16.42	59.15	16.69
	3	2.2	63.02	15.75	63.02	16.02	63.02	16.42	63.02	16.56	63.02	16.69	59.15	15.62
	5	4.1	65.60	15.87	65.60	16.29	65.60	16.56	65.60	16.69	63.45	16.15	59.15	14.93
	8.3	6.1	67.75	16.15	67.75	16.42	67.75	16.69	65.60	16.02	63.45	15.48	59.15	14.26
	9	7.9	69.90	16.29	69.90	16.56	67.75	16.02	65.60	15.48	63.45	14.81	59.15	13.74
	11	9.8	72.27	16.42	72.05	16.56	67.75	15.35	65.60	14.81	63.45	14.26	59.15	13.21
	13	11.8	74.63	16.56	72.05	15.87	67.75	14.81	65.60	14.26	63.45	13.74	59.15	12.71
	15	13.7	76.35	16.29	72.05	15.35	67.75	14.26	65.60	13.74	63.45	13.23	59.15	12.27
	19	14.2	76.35	15.85	72.05	14.83	67.75	13.90	65.60	13.15	63.45	12.73	59.15	11.94
	21	15	76.35	15.35	72.05	14.18	67.75	13.38	65.60	12.96	63.45	12.36	59.15	11.66
90	-14.7	-15	43.02	13.74	43.02	14.14	43.02	14.53	43.02	14.81	43.02	14.93	43.02	15.35
	-12.6	-13	45.38	14.14	45.38	14.53	45.38	14.93	45.38	15.08	45.38	15.35	45.38	15.75
	-10.5	-11	47.75	14.53	47.75	14.93	47.75	15.35	47.75	15.48	47.75	15.62	47.75	16.02
	-9.5	-10	49.04	14.68	49.04	15.08	49.04	15.48	49.04	15.62	49.04	15.75	49.04	16.15
	-8.5	-9.1	50.11	14.81	50.11	15.20	50.11	15.62	50.11	15.75	50.11	15.87	50.11	16.29
	-7	-7.6	52.05	15.08	52.05	15.48	52.05	15.75	52.05	16.02	52.05	16.15	51.83	16.42
	-5	-5.6	54.20	15.35	54.20	15.75	54.20	16.02	54.20	16.15	54.20	16.42	52.91	16.69
	-3	-3.7	56.35	15.62	56.35	16.02	56.35	16.29	56.35	16.42	56.35	16.56	52.91	16.02
	0	-0.7	59.79	16.02	59.79	16.29	59.79	16.56	58.72	16.69	57.00	16.02	52.91	14.81
	3	2.2	63.02	16.29	63.02	16.56	60.87	16.15	58.72	15.62	57.00	14.93	52.91	13.86
	5	4.1	65.60	16.42	65.17	16.56	60.87	15.48	58.72	14.93	57.00	14.26	52.91	13.23
	8.3	6.1	67.75	16.56	65.17	15.87	60.87	14.81	58.72	14.26	57.00	13.74	52.91	12.71
	9	7.9	68.83	16.29	65.17	15.20	60.87	14.26	58.72	13.74	57.00	13.21	52.91	12.23
	11	9.8	68.83	15.62	65.17	14.68	60.87	13.74	58.72	13.19	57.00	12.71	52.91	11.79
	13	11.8	68.83	15.08	65.17	14.14	60.87	13.15	58.72	12.69	57.00	12.25	52.91	11.35
	15	13.7	68.83	14.53	65.17	13.59	60.87	12.69	58.72	12.27	57.00	11.83	52.91	10.97
	19	14.2	68.83	14.18	65.17	13.21	60.87	12.29	58.72	11.89	57.00	11.41	52.91	10.58
	21	15	68.83	13.65	65.17	12.71	60.87	12.06	58.72	11.50	57.00	10.99	52.91	10.14
80	-14.7	-15	43.02	14.53	43.02	14.93	43.02	15.35	43.02	15.48	43.02	15.62	43.02	16.02
	-12.6	-13	45.38	14.93	45.38	15.20	45.38	15.62	45.38	15.75	45.38	16.02	45.38	16.29
	-10.5	-11	47.75	15.20	47.75	15.62	47.75	15.87	47.75	16.15	47.75	16.29	47.32	16.56
	-9.5	-10	49.04	15.48	49.04	15.75	49.04	16.02	49.04	16.29	49.04	16.42	47.32	16.69
	-8.5	-9.1	50.11	15.62	50.11	15.87	50.11	16.15	50.11	16.42	50.11	16.56	47.32	16.42
	-7	-7.6	52.05	15.75	52.05	16.02	51.83	16.42	51.83	16.56	50.76	16.69	47.32	15.62
	-5	-5.6	54.20	16.02	54.20	16.29	54.20	16.56	52.26	16.69	50.76	16.02	47.32	14.81
	-3	-3.7	56.35	16.29	56.35	16.56	54.20	16.42	52.26	15.75	50.76	15.20	47.32	13.99
	0	-0.7	59.79	16.56	57.64	16.29	54.20	15.20	52.26	14.68	50.76	13.99	47.32	13.00
	3	2.2	60.87	16.15	57.64	15.20	54.20	14.14	52.26	13.59	50.76	13.13	47.32	12.17
	5	4.1	60.87	15.48	57.64	14.53	54.20	13.59	52.26	13.05	50.76	12.59	47.32	11.66
	8.3	6.1	60.87	14.81	57.64	13.86	54.20	12.98	52.26	12.54	50.76	12.10	47.32	11.22
	9	7.9	60.87	14.26	57.64	13.36	54.20	12.48	52.26	12.06	50.76	11.64	47.32	10.81
	11	9.8	60.87	13.74	57.64	12.86	54.20	12.04	52.26	11.62	50.76	11.22	47.32	10.41
	13	11.8	60.87	13.21	57.64	12.38	54.20	11.58	52.26	11.20	50.76	10.81	47.32	10.05
	15	13.7	60.87	12.75	57.64	11.85	54.20	11.20	52.26	10.83	50.76	10.45	47.32	9.74
	19	14.2	60.87	12.31	57.64	11.64	54.20	10.74	52.26	10.43	50.76	10.01	47.32	9.49
	21	15	60.87	11.96	57.64	11.14	54.20	10.47	52.26	10.09	50.76	9.67	47.32	8.98

To be continued

Continued

YV2VYT059KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	43.02	15.35	43.02	15.75	43.02	16.02	43.02	16.15	43.02	16.29	41.30	16.69
	-12.6	-13	45.38	15.75	45.38	16.02	45.38	16.29	45.38	16.42	44.31	16.69	41.30	16.02
	-10.5	-11	47.75	16.02	47.75	16.29	47.53	16.56	45.81	16.69	44.31	16.15	41.30	14.93
	-9.5	-10	49.04	16.15	49.04	16.42	47.53	16.69	45.81	16.29	44.31	15.62	41.30	14.41
	-8.5	-9.1	50.11	16.29	50.11	16.56	47.53	16.42	45.81	15.87	44.31	15.20	41.30	14.14
	-7	-7.6	51.83	16.42	50.54	16.69	47.53	15.75	45.81	15.08	44.31	14.53	41.30	13.47
	-5	-5.6	53.56	16.69	50.54	15.87	47.53	14.81	45.81	14.26	44.31	13.74	41.30	12.75
	-3	-3.7	53.56	16.15	50.54	15.08	47.53	14.14	45.81	13.59	44.31	13.09	41.30	12.12
	0	-0.7	53.56	14.93	50.54	13.99	47.53	13.07	45.81	12.61	44.31	12.15	41.30	11.29
	3	2.2	53.56	13.99	50.54	13.07	47.53	12.21	45.81	11.79	44.31	11.39	41.30	10.58
	5	4.1	53.56	13.36	50.54	12.52	47.53	11.73	45.81	11.33	44.31	10.93	41.30	10.16
	8.3	6.1	53.56	12.82	50.54	12.04	47.53	11.27	45.81	10.89	44.31	10.51	41.30	9.78
	9	7.9	53.56	12.33	50.54	11.58	47.53	10.85	45.81	10.49	44.31	10.14	41.30	9.44
	11	9.8	53.56	11.87	50.54	11.16	47.53	10.47	45.81	10.11	44.31	9.70	41.30	9.11
	13	11.8	53.56	11.43	50.54	10.76	47.53	10.09	45.81	9.78	44.31	9.44	41.30	8.80
	15	13.7	53.56	11.06	50.54	10.41	47.53	9.78	45.81	9.44	44.31	9.13	41.30	8.52
	19	14.2	53.56	10.49	50.54	10.11	47.53	9.51	45.81	9.00	44.31	8.63	41.30	8.19
	21	15	53.56	10.11	50.54	9.61	47.53	9.07	45.81	8.59	44.31	8.19	41.30	7.73
60	-14.7	-15	43.02	16.15	43.02	16.42	40.65	16.69	39.36	16.15	38.07	15.62	35.49	14.41
	-12.6	-13	45.38	16.42	43.23	16.69	40.65	15.62	39.36	15.08	38.07	14.53	35.49	13.42
	-10.5	-11	45.81	16.69	43.23	15.75	40.65	14.68	39.36	14.14	38.07	13.59	35.49	12.61
	-9.5	-10	45.81	16.29	43.23	15.20	40.65	14.26	39.36	13.74	38.07	13.21	35.49	12.23
	-8.5	-9.1	45.81	15.87	43.23	14.81	40.65	13.86	39.36	13.34	38.07	12.86	35.49	11.92
	-7	-7.6	45.81	15.08	43.23	14.14	40.65	13.23	39.36	12.75	38.07	12.31	35.49	11.41
	-5	-5.6	45.81	14.26	43.23	13.40	40.65	12.52	39.36	12.08	38.07	11.66	35.49	10.83
	-3	-3.7	45.81	13.59	43.23	12.73	40.65	11.92	39.36	11.52	38.07	11.10	35.49	10.32
	0	-0.7	45.81	12.61	43.23	11.83	40.65	11.08	39.36	10.72	38.07	10.34	35.49	9.63
	3	2.2	45.81	11.79	43.23	11.08	40.65	10.39	39.36	10.05	38.07	9.72	35.49	9.07
	5	4.1	45.81	11.33	43.23	10.64	40.65	9.99	39.36	9.65	38.07	9.34	35.49	8.71
	8.3	6.1	45.81	10.87	43.23	10.24	40.65	9.63	39.36	9.32	38.07	9.00	35.49	8.40
	9	7.9	45.81	10.49	43.23	9.88	40.65	9.28	39.36	8.98	38.07	8.69	35.49	8.13
	11	9.8	45.81	10.11	43.23	9.53	40.65	8.96	39.36	8.69	38.07	8.40	35.49	7.85
	13	11.8	45.81	9.76	43.23	9.21	40.65	8.65	39.36	8.38	38.07	8.13	35.49	7.60
	15	13.7	45.81	9.44	43.23	8.90	40.65	8.38	39.36	8.13	38.07	7.87	35.49	7.37
	19	14.2	45.81	9.17	43.23	8.48	40.65	8.13	39.36	7.87	38.07	7.58	35.49	7.06
	21	15	45.81	8.80	43.23	8.23	40.65	7.79	39.36	7.62	38.07	7.33	35.49	6.78
50	-14.7	-15	38.28	15.62	36.13	14.68	33.98	13.74	32.69	13.21	31.62	12.73	29.47	11.81
	-12.6	-13	38.28	14.68	36.13	13.74	33.98	12.80	32.69	12.36	31.62	11.92	29.47	11.06
	-10.5	-11	38.28	13.74	36.13	12.84	33.98	12.00	32.69	11.60	31.62	11.20	29.47	10.41
	-9.5	-10	38.28	13.28	36.13	12.46	33.98	11.66	32.69	11.27	31.62	10.87	29.47	10.11
	-8.5	-9.1	38.28	12.92	36.13	12.12	33.98	11.35	32.69	10.97	31.62	10.60	29.47	9.84
	-7	-7.6	38.28	12.38	36.13	11.62	33.98	10.89	32.69	10.53	31.62	10.18	29.47	9.47
	-5	-5.6	38.28	11.73	36.13	11.02	33.98	10.34	32.69	10.01	31.62	9.65	29.47	9.00
	-3	-3.7	38.28	11.16	36.13	10.51	33.98	9.86	32.69	9.55	31.62	9.24	29.47	8.61
	0	-0.7	38.28	10.41	36.13	9.80	33.98	9.21	32.69	8.92	31.62	8.63	29.47	8.06
	3	2.2	38.28	9.76	36.13	9.21	33.98	8.67	32.69	8.40	31.62	8.13	29.47	7.60
	5	4.1	38.28	9.40	36.13	8.88	33.98	8.36	32.69	8.08	31.62	7.69	29.47	7.33
	8.3	6.1	38.28	9.05	36.13	8.54	33.98	8.04	32.69	7.81	31.62	7.56	29.47	7.10
	9	7.9	38.28	8.73	36.13	8.25	33.98	7.79	32.69	7.56	31.62	7.33	29.47	6.87
	11	9.8	38.28	8.44	36.13	7.98	33.98	7.54	32.69	7.31	31.62	7.10	29.47	6.66
	13	11.8	38.28	8.17	36.13	7.73	33.98	7.29	32.69	7.08	31.62	6.87	29.47	6.45
	15	13.7	38.28	7.92	36.13	7.50	33.98	7.08	32.69	6.87	31.62	6.66	29.47	6.28
	19	14.2	38.28	7.66	36.13	7.20	33.98	6.83	32.69	6.58	31.62	6.43	29.47	5.99
	21	15	38.28	7.16	36.13	6.99	33.98	6.66	32.69	6.30	31.62	6.18	29.47	5.76

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 48. Heating capacity YV2VYT064KAS-D-X

YV2VYT064KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	47.17	11.51	47.17	12.14	47.17	12.79	47.06	13.10	47.06	13.43	47.06	14.08
	-12.6	-13	49.55	12.11	49.55	12.75	49.55	13.35	49.55	13.63	49.55	13.94	49.55	14.55
	-10.5	-11	52.03	12.69	52.03	13.26	52.03	13.83	52.03	14.11	52.03	14.40	52.03	14.94
	-9.5	-10	53.87	12.96	53.87	13.48	53.87	14.04	53.87	14.35	53.87	14.62	53.87	15.17
	-8.5	-9.1	55.59	13.16	55.59	13.70	55.59	14.24	55.59	14.53	55.59	14.77	55.59	15.33
	-7	-7.6	57.97	13.50	57.97	14.03	57.97	14.56	57.97	14.85	57.97	15.05	57.97	15.59
	-5	-5.6	60.45	13.91	60.45	14.43	60.45	14.89	60.45	15.15	60.45	15.41	60.45	15.89
	-3	-3.7	62.83	14.29	62.83	14.73	62.83	15.25	62.83	15.52	62.83	15.70	62.83	16.25
	0	-0.7	66.28	14.80	66.28	15.25	66.28	15.68	66.28	15.93	66.28	16.10	66.28	16.56
	3	2.2	69.19	15.22	69.19	15.63	69.19	16.05	69.19	16.25	69.19	16.47	69.19	16.94
	5	4.1	72.00	15.49	72.00	15.91	72.00	16.32	72.00	16.47	72.00	16.79	72.00	17.08
	8.3	6.1	74.48	15.75	74.48	16.16	74.48	16.47	74.48	16.69	74.48	16.94	74.48	17.30
	9	7.9	77.18	15.91	77.07	16.32	77.07	16.69	77.07	16.94	77.07	17.08	77.07	17.46
	11	9.8	79.99	16.17	79.99	16.47	79.99	16.94	79.99	17.08	79.99	17.30	79.99	17.62
	13	11.8	81.82	16.32	81.82	16.69	81.82	17.08	81.82	17.30	81.82	17.46	81.82	17.78
	15	13.7	84.20	16.54	84.20	16.85	84.20	17.24	84.20	17.46	84.20	17.62	84.20	17.79
	19	14.2	84.20	16.79	84.20	17.10	84.20	17.40	84.20	17.62	84.20	17.78	84.20	17.37
	21	15	84.20	17.01	84.20	17.35	84.20	17.57	84.20	17.75	84.20	17.73	84.20	16.85
120	-14.7	-15	47.17	12.38	47.06	12.96	47.06	13.56	47.06	13.85	47.06	14.13	47.06	14.74
	-12.6	-13	49.55	12.95	49.55	13.50	49.55	14.07	49.55	14.33	49.55	14.59	49.55	15.19
	-10.5	-11	52.03	13.46	52.03	13.96	52.03	14.51	52.03	14.77	52.03	15.05	52.03	15.61
	-9.5	-10	53.87	13.70	53.87	14.21	53.87	14.73	53.87	14.94	53.87	15.19	53.87	15.77
	-8.5	-9.1	55.59	13.89	55.59	14.38	55.59	14.89	55.59	15.15	55.59	15.41	55.59	15.89
	-7	-7.6	57.97	14.21	57.97	14.71	57.97	15.15	57.97	15.41	57.97	15.61	57.97	16.18
	-5	-5.6	60.45	14.58	60.45	15.02	60.45	15.53	60.45	15.72	60.45	15.99	60.45	16.40
	-3	-3.7	62.83	14.95	62.83	15.37	62.83	15.84	62.83	16.03	62.83	16.25	62.83	16.72
	0	-0.7	66.28	15.39	66.28	15.81	66.28	16.25	66.28	16.40	66.28	16.62	66.28	16.57
	3	2.2	69.19	15.79	69.19	16.17	69.19	16.62	69.19	16.79	69.19	16.94	69.19	17.39
	5	4.1	72.00	16.05	72.00	16.40	72.00	16.79	72.00	16.94	72.00	17.16	72.00	17.56
	8.3	6.1	74.48	16.25	74.48	16.62	74.48	17.00	74.48	17.16	74.48	17.30	74.48	17.78
	9	7.9	77.07	16.47	77.07	16.79	77.07	17.16	77.07	17.30	77.07	17.46	77.40	17.92
	11	9.8	79.99	16.62	79.99	17.00	79.99	17.30	79.99	17.46	79.99	17.62	77.83	17.48
	13	11.8	81.82	16.85	81.82	17.16	81.82	17.46	81.82	17.62	81.82	17.84	77.83	16.87
	15	13.7	84.20	17.00	84.20	17.30	84.20	17.62	84.20	17.78	83.98	17.64	77.83	16.18
	19	14.2	84.20	17.32	84.20	17.64	84.20	17.80	84.20	17.61	83.98	17.24	77.83	15.92
	21	15	84.20	17.59	84.20	17.52	84.20	17.50	84.20	17.28	83.98	16.64	77.83	15.67
110	-14.7	-15	47.06	13.23	47.06	13.79	47.06	14.29	47.06	14.58	47.06	14.87	47.06	15.39
	-12.6	-13	49.55	13.75	49.55	14.28	49.55	14.77	49.55	15.09	49.55	15.28	49.55	15.81
	-10.5	-11	52.03	14.22	52.03	14.67	52.03	15.19	52.03	15.46	52.03	15.65	52.03	16.18
	-9.5	-10	53.87	14.45	53.87	14.94	53.87	15.35	53.87	15.61	53.87	15.89	53.87	16.34
	-8.5	-9.1	55.59	14.63	55.59	15.09	55.59	15.57	55.59	15.77	55.59	16.03	55.59	16.48
	-7	-7.6	57.97	14.89	57.97	15.33	57.97	15.77	57.97	16.01	57.97	16.25	57.97	16.72
	-5	-5.6	60.45	15.27	60.45	15.70	60.45	16.10	60.45	16.34	60.45	16.56	60.45	16.94
	-3	-3.7	62.83	15.57	62.83	15.99	62.83	16.40	62.83	16.56	62.83	16.87	62.83	17.17
	0	-0.7	66.28	15.99	66.17	16.40	66.17	16.79	66.17	16.94	66.17	17.08	66.17	17.56
	3	2.2	69.19	16.40	69.19	16.79	69.19	17.08	69.19	17.24	69.19	17.46	69.19	17.78
	5	4.1	72.00	16.62	72.00	16.94	72.00	17.24	72.00	17.46	72.00	17.62	71.46	17.78
	8.3	6.1	74.48	16.79	74.48	17.08	74.48	17.46	74.48	17.62	74.48	17.78	71.46	17.00
	9	7.9	77.07	17.00	77.07	17.30	77.07	17.62	77.07	17.78	76.53	17.60	71.46	16.40
	11	9.8	79.99	17.16	79.99	17.46	79.99	17.78	79.23	17.86	76.53	17.17	71.46	15.84
	13	11.8	81.82	17.30	81.82	17.62	81.82	17.79	79.23	17.17	76.53	16.48	71.46	15.27
	15	13.7	84.20	17.46	84.20	17.78	82.04	17.17	79.23	16.56	76.53	15.93	71.46	14.69
	19	14.2	84.20	17.11	84.20	17.51	82.04	16.57	79.23	15.86	76.53	15.25	71.46	14.32
	21	15	84.20	16.99	84.20	17.03	82.04	15.91	79.23	15.34	76.53	14.86	71.46	14.07

To be continued

Continued

YV2VYT064KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	47.06	14.09	47.06	14.59	47.06	15.10	47.06	15.32	47.06	15.54	47.06	16.03
	-12.6	-13	49.55	14.57	49.55	15.09	49.55	15.50	49.55	15.71	49.55	15.97	49.55	16.42
	-10.5	-11	52.03	15.02	52.03	15.46	52.03	15.89	52.03	16.12	52.03	16.34	52.03	16.72
	-9.5	-10	53.87	15.19	53.87	15.61	53.87	16.03	53.87	16.25	53.87	16.48	53.87	16.87
	-8.5	-9.1	55.59	15.34	55.59	15.77	55.59	16.18	55.59	16.40	55.59	16.65	55.59	17.02
	-7	-7.6	57.97	15.61	57.97	16.03	57.97	16.40	57.97	16.65	57.97	16.87	57.97	17.24
	-5	-5.6	60.45	15.95	60.45	16.34	60.45	16.72	60.45	16.87	60.45	17.08	60.45	17.48
	-3	-3.7	62.83	16.25	62.83	16.56	62.83	16.94	62.83	17.08	62.83	17.32	62.83	17.70
	0	-0.7	66.17	16.62	66.17	16.94	66.17	17.24	66.17	17.46	66.17	17.62	64.88	17.75
	3	2.2	69.19	16.94	69.19	17.24	69.19	17.62	69.19	17.78	69.19	17.92	64.88	16.69
	5	4.1	72.00	17.08	72.00	17.46	72.00	17.78	72.00	17.92	69.73	17.30	64.88	15.97
	8.3	6.1	74.48	17.30	74.48	17.62	74.48	18.87	72.00	17.24	69.73	16.62	64.88	15.33
	9	7.9	77.07	17.46	76.86	17.78	74.48	17.24	72.00	16.62	69.73	15.95	64.88	14.76
	11	9.8	79.99	17.62	79.12	17.86	74.48	16.56	72.00	15.99	69.73	15.37	64.88	15.11
	13	11.8	81.82	17.78	79.12	17.08	74.48	15.99	72.00	15.38	69.73	14.85	64.88	13.73
	15	13.7	83.98	17.64	79.12	16.56	74.48	15.41	72.00	14.85	69.73	14.34	64.88	13.25
	19	14.2	83.98	17.07	79.12	16.04	74.48	15.02	72.00	14.22	69.73	13.66	64.88	12.69
	21	15	83.98	16.63	79.12	15.41	74.48	14.46	72.00	13.82	69.73	13.08	64.88	12.28
90	-14.7	-15	47.06	14.98	47.06	15.40	47.06	15.85	47.06	16.12	47.06	16.26	47.06	16.65
	-12.6	-13	49.55	15.39	49.55	15.81	49.55	16.18	49.55	16.42	49.55	16.56	49.55	17.02
	-10.5	-11	52.03	15.77	52.03	16.18	52.03	16.56	52.03	16.80	52.03	16.87	52.03	17.24
	-9.5	-10	53.87	15.94	53.87	16.34	53.87	16.80	53.87	16.96	53.87	17.02	53.87	17.48
	-8.5	-9.1	55.59	16.03	55.59	16.48	55.59	16.96	55.59	17.10	55.59	17.17	55.59	17.64
	-7	-7.6	57.97	16.34	57.97	16.72	57.97	17.10	57.97	17.32	57.97	17.48	57.86	17.79
	-5	-5.6	60.45	16.56	60.45	16.94	60.45	17.32	60.45	17.48	60.45	17.70	58.29	17.66
	-3	-3.7	62.83	16.87	62.83	17.24	62.83	17.56	62.83	17.70	62.83	17.86	58.29	17.07
	0	-0.7	66.17	17.24	66.17	17.56	66.17	17.86	64.66	17.66	62.61	17.16	58.29	15.60
	3	2.2	69.19	17.56	70.28	17.78	66.93	17.22	64.66	16.69	62.61	15.97	58.29	14.79
	5	4.1	72.00	17.70	71.35	17.78	66.93	16.54	64.66	15.97	62.61	15.33	58.29	14.20
	8.3	6.1	74.48	17.86	71.35	17.08	66.93	15.91	64.66	15.33	62.61	14.76	58.29	13.65
	9	7.9	75.56	17.56	71.35	16.40	66.93	15.33	64.66	14.76	62.61	14.21	58.29	13.15
	11	9.8	75.56	16.87	71.35	15.79	66.93	14.76	64.66	14.24	62.61	13.70	58.29	12.71
	13	11.8	75.56	16.25	71.35	15.23	66.93	14.22	64.66	13.72	62.61	13.24	58.29	12.27
	15	13.7	75.56	15.69	71.35	14.69	66.93	13.72	64.66	13.25	62.61	12.82	58.29	11.87
	19	14.2	75.56	15.25	71.35	14.27	66.93	13.30	64.66	12.79	62.61	12.29	58.29	11.35
	21	15	75.56	14.59	71.35	13.56	66.93	12.96	64.66	12.31	62.61	11.71	58.29	10.92
80	-14.7	-15	47.06	15.81	47.06	16.26	47.06	16.65	47.06	16.80	47.06	16.96	47.06	17.32
	-12.6	-13	49.55	16.18	49.55	16.58	49.55	16.96	49.55	17.10	49.55	17.32	49.55	17.64
	-10.5	-11	52.03	16.48	52.03	16.87	52.03	17.17	52.03	17.39	52.03	17.64	51.92	17.78
	-9.5	-10	53.87	16.72	53.87	17.02	53.87	17.32	53.87	17.56	53.87	17.70	51.92	17.58
	-8.5	-9.1	55.59	16.87	55.59	17.17	55.59	17.48	55.59	17.70	55.59	17.86	51.92	17.09
	-7	-7.6	57.97	17.02	57.97	17.32	57.86	17.70	57.86	17.86	55.70	17.66	51.92	16.44
	-5	-5.6	60.45	17.32	60.45	17.56	60.45	17.86	57.54	17.58	55.70	16.89	51.92	15.61
	-3	-3.7	62.83	17.56	62.83	17.86	59.59	17.35	57.54	16.67	55.70	16.11	51.92	14.86
	0	-0.7	66.17	17.86	63.26	17.21	59.59	16.16	57.54	15.59	55.70	14.93	51.92	13.86
	3	2.2	67.04	17.30	63.26	16.23	59.59	15.14	57.54	14.56	55.70	14.03	51.92	13.03
	5	4.1	67.04	16.62	63.26	15.55	59.59	14.52	57.54	13.99	55.70	13.50	51.92	12.52
	8.3	6.1	67.04	15.93	63.26	14.91	59.59	13.95	57.54	13.48	55.70	13.00	51.92	12.04
	9	7.9	67.04	15.33	63.26	14.36	59.59	13.45	57.54	12.98	55.70	12.53	51.92	11.61
	11	9.8	67.04	14.80	63.26	13.85	59.59	12.97	57.54	12.53	55.70	12.08	51.92	11.24
	13	11.8	67.04	14.27	63.26	13.38	59.59	12.52	57.54	12.08	55.70	11.65	51.92	10.85
	15	13.7	67.04	13.80	63.26	12.87	59.59	12.12	57.54	11.71	55.70	11.31	51.92	10.52
	19	14.2	67.04	13.31	63.26	12.56	59.59	11.70	57.54	11.22	55.70	10.82	51.92	10.12
	21	15	67.04	12.88	63.26	12.10	59.59	11.29	57.54	10.79	55.70	10.37	51.92	9.65

To be continued

Continued

YV2VYT064KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	47.06	16.65	47.06	17.02	47.06	17.42	47.06	17.57	47.06	17.72	45.45	17.58
	-12.6	-13	49.55	17.02	49.55	17.32	49.55	17.64	49.55	17.79	48.68	17.66	45.45	16.72
	-10.5	-11	52.03	17.24	52.03	17.64	52.14	17.78	50.30	17.41	48.68	16.96	45.45	15.71
	-9.5	-10	53.87	17.39	53.87	17.70	52.14	17.58	50.30	17.03	48.68	16.44	45.45	15.14
	-8.5	-9.1	55.59	17.56	55.59	17.86	52.14	17.19	50.30	16.57	48.68	15.98	45.45	14.83
	-7	-7.6	57.86	17.70	55.48	17.58	52.14	16.59	50.30	15.91	48.68	15.34	45.45	14.19
	-5	-5.6	58.83	17.84	55.48	16.82	52.14	15.64	50.30	15.11	48.68	14.55	45.45	13.49
	-3	-3.7	58.83	17.13	55.48	15.99	52.14	14.96	50.30	14.44	48.68	13.88	45.45	12.86
	0	-0.7	58.83	15.91	55.48	14.89	52.14	13.91	50.30	13.42	48.68	12.97	45.45	12.02
	3	2.2	58.83	14.93	55.48	14.00	52.14	13.05	50.30	12.61	48.68	12.17	45.45	11.33
	5	4.1	58.83	14.32	55.48	13.42	52.14	12.55	50.30	12.14	48.68	11.72	45.45	10.90
	8.3	6.1	58.83	13.76	55.48	12.92	52.14	12.11	50.30	11.70	48.68	11.30	45.45	10.50
	9	7.9	58.83	13.28	55.48	12.47	52.14	11.68	50.30	11.29	48.68	10.89	45.45	10.15
	11	9.8	58.83	12.80	55.48	12.02	52.14	11.28	50.30	10.89	48.68	10.50	45.45	9.82
	13	11.8	58.83	12.35	55.48	11.62	52.14	10.89	50.30	10.54	48.68	10.21	45.45	9.49
	15	13.7	58.83	11.96	55.48	11.24	52.14	10.57	50.30	10.21	48.68	9.87	45.45	9.22
	19	14.2	58.83	11.48	55.48	10.84	52.14	10.23	50.30	9.90	48.68	9.38	45.45	8.89
	21	15	58.83	10.99	55.48	10.24	52.14	9.72	50.30	9.28	48.68	8.92	45.45	8.38
60	-14.7	-15	47.06	17.57	47.06	17.79	44.58	17.41	43.29	16.70	41.78	16.17	38.86	14.93
	-12.6	-13	49.55	17.79	47.50	17.41	44.58	16.26	43.29	15.70	41.78	15.14	38.86	14.01
	-10.5	-11	50.30	17.41	47.50	16.50	44.58	15.36	43.29	14.79	41.78	14.26	38.86	13.21
	-9.5	-10	50.30	17.03	47.50	15.94	44.58	14.90	43.29	14.37	41.78	13.86	38.86	12.83
	-8.5	-9.1	50.30	16.57	47.50	15.56	44.58	14.55	43.29	14.01	41.78	13.50	38.86	12.51
	-7	-7.6	50.30	15.91	47.50	14.92	44.58	13.95	43.29	13.45	41.78	13.04	38.86	12.05
	-5	-5.6	50.30	15.11	47.50	14.16	44.58	13.25	43.29	12.77	41.78	12.30	38.86	11.45
	-3	-3.7	50.30	14.46	47.50	13.51	44.58	12.64	43.29	12.23	41.78	11.80	38.86	10.96
	0	-0.7	50.30	13.43	47.50	12.60	44.58	11.82	43.29	11.40	41.78	11.02	38.86	10.25
	3	2.2	50.30	12.59	47.50	11.86	44.58	11.13	43.29	10.72	41.78	10.38	38.86	9.71
	5	4.1	50.30	12.14	47.50	11.40	44.58	10.69	43.29	10.35	41.78	10.02	38.86	9.35
	8.3	6.1	50.30	11.69	47.50	11.00	44.58	10.34	43.29	10.01	41.78	9.68	38.86	9.03
	9	7.9	50.30	11.29	47.50	10.64	44.58	9.98	43.29	9.67	41.78	9.34	38.86	8.74
	11	9.8	50.30	10.89	47.50	10.25	44.58	9.66	43.29	9.34	41.78	9.07	38.86	8.45
	13	11.8	50.30	10.53	47.50	9.92	44.58	9.32	43.29	9.06	41.78	8.77	38.86	8.20
	15	13.7	50.30	10.21	47.50	9.63	44.58	9.06	43.29	8.78	41.78	8.52	38.86	7.96
	19	14.2	50.30	9.85	47.50	9.23	44.58	8.68	43.29	8.39	41.78	8.13	38.86	7.63
	21	15	50.30	9.40	47.50	8.88	44.58	8.34	43.29	8.12	41.78	7.85	38.86	7.27
50	-14.7	-15	41.99	16.20	39.62	15.19	37.24	14.20	35.95	13.69	34.76	13.23	32.38	12.25
	-12.6	-13	41.99	15.23	39.62	14.29	37.24	13.34	35.95	12.88	34.76	12.43	32.38	11.57
	-10.5	-11	41.99	14.34	39.62	13.45	37.24	12.59	35.95	12.15	34.76	11.73	32.38	10.90
	-9.5	-10	41.99	13.93	39.62	13.05	37.24	12.26	35.95	11.83	34.76	11.43	32.38	10.62
	-8.5	-9.1	41.99	13.57	39.62	12.75	37.24	11.93	35.95	11.53	34.76	11.15	32.38	10.35
	-7	-7.6	41.99	13.05	39.62	12.24	37.24	11.49	35.95	11.11	34.76	10.74	32.38	9.99
	-5	-5.6	41.99	12.40	39.62	11.67	37.24	10.94	35.95	10.57	34.76	10.22	32.38	9.55
	-3	-3.7	41.99	11.83	39.62	11.17	37.24	10.47	35.95	10.13	34.76	9.80	32.38	9.13
	0	-0.7	41.99	11.07	39.62	10.47	37.24	9.83	35.95	9.51	34.76	9.20	32.38	8.61
	3	2.2	41.99	10.45	39.62	9.85	37.24	9.26	35.95	8.99	34.76	8.68	32.38	8.12
	5	4.1	41.99	10.06	39.62	9.51	37.24	8.97	35.95	8.66	34.76	8.33	32.38	7.90
	8.3	6.1	41.99	9.70	39.62	9.18	37.24	8.64	35.95	8.39	34.76	8.14	32.38	7.60
	9	7.9	41.99	9.39	39.62	8.87	37.24	8.38	35.95	8.14	34.76	7.87	32.38	7.40
	11	9.8	41.99	9.09	39.62	8.61	37.24	8.13	35.95	7.89	34.76	7.64	32.38	7.17
	13	11.8	41.99	8.80	39.62	8.32	37.24	7.85	35.95	7.63	34.76	7.40	32.38	6.94
	15	13.7	41.99	8.55	39.62	8.11	37.24	7.63	35.95	7.44	34.76	7.18	32.38	6.76
	19	14.2	41.99	8.26	39.62	7.80	37.24	7.31	35.95	7.09	34.76	6.89	32.38	6.51
	21	15	41.99	7.87	39.62	7.38	37.24	7.04	35.95	6.81	34.76	6.63	32.38	6.26

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 49. Heating capacity YV2VYT071KAS-D-X

YV2VYT071KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	50.38	12.55	50.38	13.29	50.38	14.02	50.28	14.39	50.28	14.77	50.28	15.51
	-12.6	-13	53.18	13.32	53.18	14.02	53.18	14.72	53.18	15.06	53.18	15.42	53.18	16.10
	-10.5	-11	56.29	14.00	56.29	14.67	56.29	15.32	56.29	15.65	56.29	15.99	56.29	16.60
	-9.5	-10	58.01	14.33	58.01	14.96	58.01	15.59	58.01	15.92	58.01	16.25	58.01	16.91
	-8.5	-9.1	59.30	14.60	59.30	15.23	59.30	15.84	59.30	16.15	59.30	16.43	59.30	17.08
	-7	-7.6	61.66	15.01	61.66	15.62	61.66	16.22	61.66	16.60	61.66	16.75	61.66	17.41
	-5	-5.6	64.67	15.51	64.67	16.09	64.67	16.60	64.67	16.91	64.67	17.24	64.67	17.74
	-3	-3.7	67.46	15.97	67.46	16.43	67.46	17.08	67.46	17.41	67.46	17.56	67.46	18.22
	0	-0.7	72.08	16.60	72.08	17.08	72.08	17.56	72.08	17.89	72.08	18.05	72.08	18.55
	3	2.2	76.27	17.08	76.27	17.56	76.27	18.05	76.27	18.22	76.27	18.55	76.27	19.03
	5	4.1	79.28	17.41	79.28	17.89	79.28	18.38	79.28	18.55	79.28	18.88	79.28	19.19
	8.3	6.1	82.18	17.74	82.18	18.22	82.18	18.55	82.18	18.88	82.18	19.03	82.18	19.51
	9	7.9	85.08	17.89	84.97	18.38	84.97	18.88	84.97	19.03	84.97	19.19	84.97	19.69
	11	9.8	87.87	18.22	87.87	18.55	87.87	19.03	87.87	19.19	87.87	19.51	87.87	19.84
	13	11.8	89.91	18.38	89.91	18.88	89.91	19.19	89.91	19.51	89.91	19.69	89.91	20.02
	15	13.7	93.78	18.70	93.78	19.03	93.78	19.36	93.78	19.69	93.78	19.84	93.14	19.84
	19	14.2	93.78	18.88	93.78	19.24	93.78	19.53	93.78	19.85	93.78	20.03	93.14	19.45
	21	15	93.78	19.01	93.78	19.42	93.78	19.72	93.78	19.97	93.78	19.71	93.14	19.26
120	-14.7	-15	50.38	13.54	50.28	14.23	50.28	14.91	50.28	15.26	50.28	15.59	50.28	16.27
	-12.6	-13	53.18	14.27	53.18	14.91	53.18	15.54	53.18	15.87	53.18	16.20	53.18	16.91
	-10.5	-11	56.29	14.91	56.29	15.50	56.29	16.10	56.29	16.43	56.29	16.75	56.29	17.41
	-9.5	-10	58.01	15.19	58.01	15.77	58.01	16.43	58.01	16.60	58.01	16.91	58.01	17.56
	-8.5	-9.1	59.30	15.44	59.30	16.00	59.30	16.60	59.30	16.91	59.30	17.24	59.30	17.74
	-7	-7.6	61.66	15.82	61.66	16.43	61.66	16.91	61.66	17.24	61.66	17.42	61.66	18.05
	-5	-5.6	64.67	16.27	64.67	16.75	64.67	17.41	64.67	17.56	64.67	17.92	64.67	18.38
	-3	-3.7	67.46	16.75	67.46	17.24	67.46	17.74	67.46	17.89	67.46	18.26	67.46	18.70
	0	-0.7	72.08	17.24	72.08	17.74	72.08	18.22	72.08	18.38	72.08	18.70	72.08	19.19
	3	2.2	76.27	17.74	76.27	18.22	76.27	18.70	76.27	18.88	76.27	19.03	76.27	19.51
	5	4.1	79.28	18.05	79.28	18.38	79.28	18.88	79.28	19.03	79.28	19.36	79.28	19.69
	8.3	6.1	82.18	18.22	82.18	18.70	82.18	19.19	82.18	19.36	82.18	19.51	82.18	20.02
	9	7.9	84.97	18.55	84.97	18.88	84.97	19.36	84.97	19.51	84.97	19.69	84.97	20.17
	11	9.8	87.87	18.70	87.87	19.19	87.87	19.51	87.87	19.69	87.87	19.84	85.94	19.51
	13	11.8	89.91	19.03	89.91	19.36	89.91	19.69	89.91	19.84	89.91	20.17	85.94	18.88
	15	13.7	93.78	19.19	93.78	19.51	93.78	19.84	93.78	20.02	92.60	19.69	85.94	18.05
	19	14.2	93.78	19.35	93.78	19.69	93.78	19.86	93.78	19.82	92.60	19.35	85.94	17.62
	21	15	93.78	19.56	93.78	19.84	93.78	19.99	93.78	19.67	92.60	18.75	85.94	17.31
110	-14.7	-15	50.28	14.55	50.28	15.18	50.28	15.77	50.28	16.10	50.28	16.43	50.28	17.08
	-12.6	-13	53.18	15.20	53.18	15.79	53.18	16.43	53.18	16.75	53.18	16.91	53.18	17.56
	-10.5	-11	56.29	15.77	56.29	16.27	56.29	16.91	56.29	17.24	56.29	17.41	56.29	18.05
	-9.5	-10	58.01	16.05	58.01	16.60	58.01	17.08	58.01	17.42	58.01	17.74	58.01	18.22
	-8.5	-9.1	59.30	16.27	59.30	16.75	59.30	17.41	59.30	17.58	59.30	17.89	59.30	18.38
	-7	-7.6	61.66	16.60	61.66	17.08	61.66	17.56	61.66	17.92	61.66	18.22	61.66	18.70
	-5	-5.6	64.67	17.08	64.67	17.56	64.67	18.05	64.67	18.26	64.67	18.55	64.67	19.03
	-3	-3.7	67.46	17.41	67.46	17.89	67.46	18.38	67.46	18.50	67.46	18.88	67.46	19.19
	0	-0.7	72.08	17.89	71.97	18.38	71.97	18.88	71.97	19.00	71.97	19.19	71.97	19.69
	3	2.2	76.27	18.38	76.27	18.88	76.27	19.19	76.27	19.36	76.27	19.69	76.27	20.02
	5	4.1	79.28	18.70	79.28	19.03	79.28	19.36	79.28	19.69	79.28	19.84	78.85	20.02
	8.3	6.1	82.18	18.88	82.18	19.19	82.18	19.69	82.18	19.84	82.18	20.02	78.85	19.19
	9	7.9	84.97	19.19	84.97	19.51	84.97	19.84	84.97	20.02	84.43	20.02	78.85	18.38
	11	9.8	87.87	19.36	87.87	19.69	87.87	20.02	87.44	20.02	84.43	19.19	78.85	17.74
	13	11.8	89.91	19.51	89.91	19.84	90.56	19.84	87.44	19.19	84.43	18.38	78.85	17.08
	15	13.7	93.78	19.69	93.78	20.02	90.56	19.19	87.44	18.55	84.43	17.74	78.85	16.43
	19	14.2	93.78	18.40	93.78	19.82	90.56	18.57	87.44	17.79	84.43	17.13	78.85	15.89
	21	15	93.78	18.55	93.78	19.26	90.56	17.59	87.44	17.26	84.43	16.65	78.85	15.67

To be continued

Continued

YV2VYT071KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	50.28	15.54	50.28	16.12	50.28	16.75	50.28	16.91	50.28	17.24	50.28	17.89
	-12.6	-13	53.18	16.15	53.18	16.75	53.18	17.24	53.18	17.41	53.18	17.74	53.18	18.22
	-10.5	-11	56.29	16.75	56.29	17.24	56.29	17.74	56.29	17.89	56.29	18.22	56.29	18.70
	-9.5	-10	58.01	16.91	58.01	17.41	58.01	17.89	58.01	18.22	58.01	18.38	58.01	18.88
	-8.5	-9.1	59.30	17.08	59.30	17.56	59.30	18.05	59.30	18.43	59.30	18.55	59.30	19.03
	-7	-7.6	61.66	17.41	61.66	17.89	61.66	18.38	61.66	18.50	61.66	18.88	61.66	19.36
	-5	-5.6	64.67	17.89	64.67	18.22	64.67	18.70	64.67	18.84	64.67	19.19	64.67	19.51
	-3	-3.7	67.46	18.22	67.46	18.55	67.46	19.03	67.46	19.17	67.46	19.36	67.46	19.84
	0	-0.7	71.97	18.70	71.97	19.03	71.97	19.36	71.97	19.68	71.97	19.84	71.76	20.17
	3	2.2	76.27	19.03	76.27	19.36	76.27	19.84	76.27	20.02	76.27	20.17	71.76	18.88
	5	4.1	79.28	19.19	79.28	19.69	79.28	20.02	79.28	20.17	76.91	19.51	71.76	18.05
	8.3	6.1	82.18	19.51	82.18	19.84	82.18	20.08	79.60	19.36	76.91	18.70	71.76	17.24
	9	7.9	84.97	19.69	84.97	20.02	82.18	19.36	79.60	18.70	76.91	17.89	71.76	16.60
	11	9.8	87.87	19.84	87.44	20.02	82.18	18.55	79.60	17.89	76.91	17.24	71.76	15.96
	13	11.8	89.91	20.02	87.44	19.19	82.18	17.89	79.60	17.24	76.91	16.60	71.76	15.36
	15	13.7	92.60	19.69	87.44	18.55	82.18	17.24	79.60	16.60	76.91	16.00	71.76	14.83
	19	14.2	92.60	19.16	87.44	17.91	82.18	16.81	79.60	15.90	76.91	15.39	71.76	14.43
	21	15	92.60	18.55	87.44	17.13	82.18	16.18	79.60	15.67	76.91	14.93	71.76	14.10
90	-14.7	-15	50.28	16.60	50.28	17.08	50.28	17.56	50.28	17.89	50.28	18.05	50.28	18.55
	-12.6	-13	53.18	17.08	53.18	17.56	53.18	18.05	53.18	18.22	53.18	18.55	53.18	19.03
	-10.5	-11	56.29	17.56	56.29	18.05	56.29	18.55	56.29	18.70	56.29	18.88	56.29	19.36
	-9.5	-10	58.01	17.74	58.01	18.22	58.01	18.70	58.01	18.88	58.01	19.03	58.01	19.51
	-8.5	-9.1	59.30	17.89	59.30	18.38	59.30	18.88	59.30	19.03	59.30	19.19	59.30	19.69
	-7	-7.6	61.66	18.22	61.66	18.70	61.66	19.03	61.66	19.36	61.66	19.51	61.55	19.84
	-5	-5.6	64.67	18.55	64.67	19.03	64.67	19.36	64.67	19.51	64.67	19.84	64.02	20.17
	-3	-3.7	67.46	18.88	67.46	19.36	67.46	19.69	67.46	19.84	67.46	20.02	64.24	19.36
	0	-0.7	71.97	19.36	71.97	19.69	71.97	20.02	71.33	20.17	69.07	19.36	64.24	17.89
	3	2.2	76.27	19.69	76.27	20.02	74.01	19.51	71.33	18.88	69.07	18.05	64.24	16.75
	5	4.1	79.28	19.84	78.96	20.02	74.01	18.70	71.33	18.05	69.07	17.24	64.24	16.00
	8.3	6.1	82.18	20.02	78.96	19.19	74.01	17.89	71.33	17.24	69.07	16.60	64.24	15.37
	9	7.9	83.57	19.69	78.96	18.38	74.01	17.24	71.33	16.60	69.07	15.97	64.24	14.78
	11	9.8	83.57	18.88	78.96	17.74	74.01	16.60	71.33	15.94	69.07	15.37	64.24	14.25
	13	11.8	83.57	18.22	78.96	17.08	74.01	15.89	71.33	15.34	69.07	14.80	64.24	13.73
	15	13.7	83.57	17.56	78.96	16.43	74.01	15.34	71.33	14.83	69.07	14.30	64.24	13.26
	19	14.2	83.57	17.13	78.96	15.96	74.01	14.86	71.33	14.37	69.07	13.79	64.24	12.78
	21	15	83.57	16.51	78.96	15.37	74.01	14.58	71.33	13.90	69.07	13.30	64.24	12.26
80	-14.7	-15	50.28	17.56	50.28	18.05	50.28	18.55	50.28	18.70	50.28	18.88	50.28	19.36
	-12.6	-13	53.18	18.05	53.18	18.38	53.18	18.88	53.18	19.03	53.18	19.36	53.18	19.69
	-10.5	-11	56.29	18.38	56.29	18.88	56.29	19.19	56.29	19.51	56.29	19.69	56.08	20.02
	-9.5	-10	58.01	18.70	58.01	19.03	58.01	19.36	58.01	19.69	58.01	19.84	57.15	20.17
	-8.5	-9.1	59.30	18.88	59.30	19.19	59.30	19.51	59.30	19.84	59.30	20.02	57.26	19.84
	-7	-7.6	61.66	19.03	61.66	19.36	61.55	19.84	61.55	20.02	61.02	20.17	57.26	18.88
	-5	-5.6	64.67	19.36	64.67	19.69	64.67	20.02	63.49	20.17	61.55	19.36	57.26	17.89
	-3	-3.7	67.46	19.69	67.46	20.02	65.74	19.84	63.49	19.03	61.55	18.38	57.26	16.91
	0	-0.7	71.97	20.02	69.93	19.69	65.74	18.38	63.49	17.74	61.55	16.91	57.26	15.72
	3	2.2	74.12	19.51	69.93	18.38	65.74	17.08	63.49	16.43	61.55	15.87	57.26	14.70
	5	4.1	74.12	18.70	69.93	17.56	65.74	16.43	63.49	15.77	61.55	15.20	57.26	14.10
	8.3	6.1	74.12	17.89	69.93	16.75	65.74	15.70	63.49	15.16	61.55	14.63	57.26	13.56
	9	7.9	74.12	17.24	69.93	16.15	65.74	15.09	63.49	14.58	61.55	14.07	57.26	13.06
	11	9.8	74.12	16.60	69.93	15.54	65.74	14.55	63.49	14.06	61.55	13.56	57.26	12.59
	13	11.8	74.12	15.96	69.93	14.96	65.74	14.00	63.49	13.53	61.55	13.06	57.26	12.15
	15	13.7	74.12	15.41	69.93	14.32	65.74	13.53	63.49	13.08	61.55	12.64	57.26	11.77
	19	14.2	74.12	14.88	69.93	14.07	65.74	12.99	63.49	12.60	61.55	12.10	57.26	11.47
	21	15	74.12	14.46	69.93	13.46	65.74	12.65	63.49	12.19	61.55	11.69	57.26	10.86

To be continued

Continued

YV2VYT071KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	50.28	18.55	50.28	19.03	50.28	19.36	50.28	19.51	50.28	19.69	49.41	20.17
	-12.6	-13	53.18	19.03	53.18	19.36	53.18	19.69	53.18	19.84	52.64	20.17	50.06	19.36
	-10.5	-11	56.29	19.36	56.29	19.69	56.18	20.02	55.32	20.17	53.82	19.51	50.06	18.05
	-9.5	-10	58.01	19.51	58.01	19.84	57.26	20.17	55.64	19.69	53.82	18.88	50.06	17.41
	-8.5	-9.1	59.30	19.69	59.30	20.02	57.69	19.84	55.64	19.19	53.82	18.38	50.06	17.08
	-7	-7.6	61.55	19.84	60.91	20.17	57.69	19.03	55.64	18.22	53.82	17.56	50.06	16.27
	-5	-5.6	64.35	20.17	61.23	19.19	57.69	17.89	55.64	17.24	53.82	16.60	50.06	15.41
	-3	-3.7	64.99	19.51	61.23	18.22	57.69	17.08	55.64	16.43	53.82	15.82	50.06	14.65
	0	-0.7	64.99	18.05	61.23	16.91	57.69	15.79	55.64	15.24	53.82	14.68	50.06	13.64
	3	2.2	64.99	16.91	61.23	15.79	57.69	14.75	55.64	14.25	53.82	13.77	50.06	12.77
	5	4.1	64.99	16.14	61.23	15.14	57.69	14.17	55.64	13.69	53.82	13.21	50.06	12.28
	8.3	6.1	64.99	15.48	61.23	14.55	57.69	13.61	55.64	13.16	53.82	12.70	50.06	11.82
	9	7.9	64.99	14.91	61.23	13.99	57.69	13.11	55.64	12.67	53.82	12.25	50.06	11.41
	11	9.8	64.99	14.34	61.23	13.49	57.69	12.65	55.64	12.23	53.82	11.73	50.06	11.01
	13	11.8	64.99	13.82	61.23	13.00	57.69	12.20	55.64	11.81	53.82	11.41	50.06	10.64
	15	13.7	64.99	13.36	61.23	12.58	57.69	11.81	55.64	11.42	53.82	11.04	50.06	10.31
	19	14.2	64.99	12.68	61.23	12.23	57.69	11.48	55.64	10.89	53.82	10.42	50.06	9.89
	21	15	64.99	12.23	61.23	11.62	57.69	10.96	55.64	10.38	53.82	9.90	50.06	9.35
60	-14.7	-15	50.28	19.51	50.28	19.84	49.09	20.17	47.70	19.51	46.19	18.88	42.97	17.41
	-12.6	-13	53.18	19.84	52.10	20.17	49.31	18.88	47.70	18.22	46.19	17.56	42.97	16.23
	-10.5	-11	55.32	20.17	52.42	19.03	49.31	17.74	47.70	17.08	46.19	16.43	42.97	15.23
	-9.5	-10	55.64	19.69	52.42	18.38	49.31	17.24	47.70	16.60	46.19	15.96	42.97	14.77
	-8.5	-9.1	55.64	19.19	52.42	17.89	49.31	16.75	47.70	16.12	46.19	15.53	42.97	14.39
	-7	-7.6	55.64	18.22	52.42	17.08	49.31	15.99	47.70	15.42	46.19	14.89	42.97	13.79
	-5	-5.6	55.64	17.24	52.42	16.19	49.31	15.13	47.70	14.61	46.19	14.09	42.97	13.08
	-3	-3.7	55.64	16.43	52.42	15.39	49.31	14.39	47.70	13.91	46.19	13.42	42.97	12.48
	0	-0.7	55.64	15.23	52.42	14.30	49.31	13.39	47.70	12.95	46.19	12.51	42.97	11.63
	3	2.2	55.64	14.25	52.42	13.39	49.31	12.56	47.70	12.15	46.19	11.75	42.97	10.95
	5	4.1	55.64	13.69	52.42	12.87	49.31	12.08	47.70	11.68	46.19	11.29	42.97	10.53
	8.3	6.1	55.64	13.14	52.42	12.37	49.31	11.63	47.70	11.25	46.19	10.89	42.97	10.15
	9	7.9	55.64	12.67	52.42	11.94	49.31	11.21	47.70	10.86	46.19	10.51	42.97	9.81
	11	9.8	55.64	12.23	52.42	11.51	49.31	10.83	47.70	10.50	46.19	10.15	42.97	9.50
	13	11.8	55.64	11.79	52.42	11.13	49.31	10.45	47.70	10.13	46.19	9.82	42.97	9.19
	15	13.7	55.64	11.42	52.42	10.76	49.31	10.13	47.70	9.82	46.19	9.52	42.97	8.92
	19	14.2	55.64	11.09	52.42	10.25	49.31	9.82	47.70	9.52	46.19	9.16	42.97	8.53
	21	15	55.64	10.63	52.42	9.95	49.31	9.41	47.70	9.21	46.19	8.86	42.97	8.20
50	-14.7	-15	46.30	18.88	43.72	17.74	41.14	16.60	39.64	15.97	38.35	15.39	35.77	14.27
	-12.6	-13	46.30	17.74	43.72	16.60	41.14	15.46	39.64	14.93	38.35	14.39	35.77	13.36
	-10.5	-11	46.30	16.60	43.72	15.51	41.14	14.51	39.64	14.02	38.35	13.53	35.77	12.58
	-9.5	-10	46.30	16.05	43.72	15.05	41.14	14.09	39.64	13.61	38.35	13.14	35.77	12.22
	-8.5	-9.1	46.30	15.62	43.72	14.65	41.14	13.73	39.64	13.26	38.35	12.80	35.77	11.90
	-7	-7.6	46.30	14.96	43.72	14.06	41.14	13.16	39.64	12.72	38.35	12.30	35.77	11.45
	-5	-5.6	46.30	14.17	43.72	13.32	41.14	12.50	39.64	12.09	38.35	11.68	35.77	10.89
	-3	-3.7	46.30	13.49	43.72	12.70	41.14	11.92	39.64	11.53	38.35	11.16	35.77	10.40
	0	-0.7	46.30	12.58	43.72	11.84	41.14	11.13	39.64	10.78	38.35	10.42	35.77	9.75
	3	2.2	46.30	11.79	43.72	11.13	41.14	10.48	39.64	10.15	38.35	9.82	35.77	9.19
	5	4.1	46.30	11.36	43.72	10.72	41.14	10.10	39.64	9.78	38.35	9.27	35.77	8.86
	8.3	6.1	46.30	10.94	43.72	10.33	41.14	9.73	39.64	9.44	38.35	9.14	35.77	8.58
	9	7.9	46.30	10.56	43.72	9.97	41.14	9.41	39.64	9.13	38.35	8.85	35.77	8.30
	11	9.8	46.30	10.20	43.72	9.64	41.14	9.11	39.64	8.83	38.35	8.58	35.77	8.04
	13	11.8	46.30	9.87	43.72	9.34	41.14	8.81	39.64	8.56	38.35	8.30	35.77	7.80
	15	13.7	46.30	9.56	43.72	9.06	41.14	8.56	39.64	8.31	38.35	8.05	35.77	7.58
	19	14.2	46.30	9.26	43.72	8.70	41.14	8.25	39.64	7.94	38.35	7.78	35.77	7.24
	21	15	46.30	8.66	43.72	8.45	41.14	8.04	39.64	7.61	38.35	7.47	35.77	6.96

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 50. Heating capacity YV2VYT074KAS-D-X

YV2VYT074KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	52.31	13.88	52.31	14.71	52.31	15.51	52.20	15.93	52.20	16.35	52.20	17.17
	-12.6	-13	55.37	14.74	55.37	15.51	55.37	16.30	55.37	16.66	55.37	17.06	55.37	17.82
	-10.5	-11	58.65	15.49	58.65	16.24	58.65	16.95	58.65	17.32	58.65	17.69	58.65	18.37
	-9.5	-10	60.45	15.86	60.45	16.56	60.45	17.25	60.45	17.62	60.45	17.98	60.45	18.71
	-8.5	-9.1	61.83	16.15	61.83	16.86	61.83	17.53	61.83	17.88	61.83	18.18	61.83	18.91
	-7	-7.6	64.26	16.61	64.26	17.29	64.26	17.95	64.26	18.37	64.26	18.54	64.26	19.26
	-5	-5.6	67.43	17.17	67.43	17.80	67.43	18.37	67.43	18.71	67.43	19.08	67.43	19.63
	-3	-3.7	70.50	17.67	70.50	18.18	70.50	18.91	70.50	19.26	70.50	19.44	70.50	20.16
	0	-0.7	75.47	18.37	75.47	18.91	75.47	19.44	75.47	19.80	75.47	19.98	75.47	20.53
	3	2.2	79.90	18.91	79.90	19.44	79.90	19.98	79.90	20.16	79.90	20.53	79.90	21.07
	5	4.1	83.19	19.26	83.19	19.80	83.19	20.34	83.19	20.53	83.19	20.88	83.19	21.24
	8.3	6.1	86.25	19.63	86.25	20.16	86.25	20.53	86.25	20.88	86.25	21.07	86.25	21.60
	9	7.9	89.32	19.80	89.21	20.34	89.21	20.88	89.21	21.07	89.21	21.24	89.21	21.79
	11	9.8	92.39	20.16	92.39	20.53	92.39	21.07	92.39	21.24	92.39	21.60	92.39	21.96
	13	11.8	95.75	20.34	95.75	20.88	95.75	21.24	95.75	21.60	95.75	21.79	95.75	22.15
	15	13.7	98.73	20.70	98.62	21.07	98.62	21.42	98.62	21.79	98.62	21.96	97.68	21.96
	19	14.2	98.73	20.89	98.62	21.28	98.62	21.62	98.62	21.97	98.62	22.16	97.68	21.53
	21	15	98.73	21.04	98.62	21.48	98.62	21.83	98.62	22.10	98.62	21.82	97.68	21.30
120	-14.7	-15	52.31	14.99	52.20	15.75	52.20	16.50	52.20	16.89	52.20	17.25	52.20	18.01
	-12.6	-13	55.37	15.79	55.37	16.49	55.37	17.20	55.37	17.57	55.37	17.93	55.37	18.71
	-10.5	-11	58.65	16.49	58.65	17.16	58.65	17.82	58.65	18.18	58.65	18.54	58.65	19.26
	-9.5	-10	60.45	16.81	60.45	17.46	60.45	18.18	60.45	18.37	60.45	18.71	60.45	19.44
	-8.5	-9.1	61.83	17.08	61.83	17.71	61.83	18.37	61.83	18.71	61.83	19.08	61.83	19.63
	-7	-7.6	64.26	17.51	64.26	18.18	64.26	18.71	64.26	19.08	64.26	19.31	64.26	19.98
	-5	-5.6	67.43	18.01	67.43	18.54	67.43	19.26	67.43	19.44	67.43	19.83	67.43	20.34
	-3	-3.7	70.50	18.54	70.50	19.08	70.50	19.63	70.50	19.80	70.50	20.19	70.50	20.70
	0	-0.7	75.47	19.08	75.47	19.63	75.47	20.16	75.47	20.34	75.47	20.70	75.47	21.24
	3	2.2	79.90	19.63	79.90	20.16	79.90	20.70	79.90	20.88	79.90	21.07	79.90	21.60
	5	4.1	83.19	19.98	83.19	20.34	83.19	20.88	83.19	21.07	83.19	21.42	83.19	21.79
	8.3	6.1	86.25	20.16	86.25	20.70	86.25	21.24	86.25	21.42	86.25	21.60	86.25	22.15
	9	7.9	89.21	20.53	89.21	20.88	89.21	21.42	89.21	21.60	89.21	21.79	89.21	22.32
	11	9.8	92.39	20.70	92.39	21.24	92.39	21.60	92.39	21.79	92.39	21.96	90.17	21.60
	13	11.8	95.75	21.07	95.75	21.42	95.75	21.79	95.75	21.96	95.75	22.32	90.17	20.88
	15	13.7	98.62	21.24	98.62	21.60	98.62	21.96	98.62	22.15	97.16	21.79	90.17	19.98
	19	14.2	98.62	21.42	98.62	21.79	98.62	21.99	98.62	21.94	97.16	21.42	90.17	19.50
	21	15	98.62	21.65	98.62	21.96	98.62	22.12	98.62	21.76	97.16	20.75	90.17	19.15
110	-14.7	-15	52.20	16.09	52.20	16.80	52.20	17.46	52.20	17.82	52.20	18.18	52.20	18.91
	-12.6	-13	55.37	16.84	55.37	17.48	55.37	18.18	55.37	18.54	55.37	18.71	55.37	19.44
	-10.5	-11	58.65	17.46	58.65	18.01	58.65	18.71	58.65	19.08	58.65	19.26	58.65	19.98
	-9.5	-10	60.45	17.76	60.45	18.37	60.45	18.91	60.45	19.31	60.45	19.63	60.45	20.16
	-8.5	-9.1	61.83	18.01	61.83	18.54	61.83	19.26	61.83	19.48	61.83	19.80	61.83	20.34
	-7	-7.6	64.26	18.37	64.26	18.91	64.26	19.44	64.26	19.83	64.26	20.16	64.26	20.70
	-5	-5.6	67.43	18.91	67.43	19.44	67.43	19.98	67.43	20.19	67.43	20.53	67.43	21.07
	-3	-3.7	70.50	19.26	70.50	19.80	70.50	20.34	70.50	20.54	70.50	20.88	70.50	21.24
	0	-0.7	75.47	19.80	75.36	20.34	75.36	20.88	75.36	21.07	75.36	21.24	75.36	21.79
	3	2.2	79.90	20.34	79.90	20.88	79.90	21.24	79.90	21.42	79.90	21.79	79.90	22.15
	5	4.1	83.19	20.70	83.19	21.07	83.19	21.42	83.19	21.79	83.19	21.96	82.65	22.15
	8.3	6.1	86.25	20.88	86.25	21.24	86.25	21.79	86.25	21.96	86.25	22.15	82.65	21.24
	9	7.9	89.21	21.24	89.21	21.60	89.21	21.96	89.21	22.15	88.58	22.15	82.65	20.34
	11	9.8	92.39	21.42	92.39	21.79	92.39	22.15	91.75	22.15	88.58	21.24	82.65	19.63
	13	11.8	95.75	21.60	95.75	21.96	94.93	21.96	91.75	21.24	88.58	20.34	82.65	18.91
	15	13.7	98.73	21.79	98.73	22.15	94.93	21.24	91.75	20.53	88.58	19.63	82.65	18.18
	19	14.2	98.73	20.36	98.73	21.94	94.93	20.55	91.75	19.69	88.58	18.96	82.65	17.59
	21	15	98.73	20.53	98.73	21.30	94.93	19.46	91.75	19.10	88.58	18.44	82.65	17.33

To be continued

Continued

YV2VYT074KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	52.20	17.20	52.20	17.84	52.20	18.54	52.20	18.71	52.20	19.08	52.20	19.80
	-12.6	-13	55.37	17.88	55.37	18.54	55.37	19.08	55.37	19.26	55.37	19.63	55.37	20.16
	-10.5	-11	58.65	18.54	58.65	19.08	58.65	19.63	58.65	19.80	58.65	20.16	58.65	20.70
	-9.5	-10	60.45	18.71	60.45	19.26	60.45	19.80	60.45	20.16	60.45	20.34	60.45	20.88
	-8.5	-9.1	61.83	18.91	61.83	19.44	61.83	19.98	61.83	20.34	61.83	20.53	61.83	21.07
	-7	-7.6	64.26	19.26	64.26	19.80	64.26	20.34	64.26	20.53	64.26	20.88	64.26	21.42
	-5	-5.6	67.43	19.80	67.43	20.16	67.43	20.70	67.43	20.88	67.43	21.24	67.43	21.60
	-3	-3.7	70.50	20.16	70.50	20.53	70.50	21.07	70.50	21.24	70.50	21.42	70.50	21.96
	0	-0.7	75.36	20.70	75.36	21.07	75.36	21.42	75.36	21.79	75.36	21.96	75.04	22.32
	3	2.2	79.90	21.07	79.90	21.42	79.90	21.96	79.90	22.15	79.90	22.32	75.25	20.88
	5	4.1	83.19	21.24	83.19	21.79	83.19	22.15	83.19	22.32	82.11	21.60	75.25	19.98
	8.3	6.1	86.25	21.60	86.25	21.96	86.25	23.06	83.50	21.42	80.75	20.70	75.25	19.08
	9	7.9	89.21	21.79	89.21	22.15	86.25	21.42	83.50	20.70	80.75	19.80	75.25	18.37
	11	9.8	92.39	21.96	91.75	22.15	86.25	20.53	83.50	19.80	80.75	19.08	75.25	17.66
	13	11.8	95.75	22.15	91.75	21.24	86.25	19.80	83.50	19.08	80.75	18.37	75.25	17.00
	15	13.7	97.26	21.79	91.75	20.53	86.25	19.08	83.50	18.37	80.75	17.71	75.25	16.41
	19	14.2	97.26	21.21	91.75	19.82	86.25	18.61	83.50	17.60	80.75	17.03	75.25	15.97
	21	15	97.26	20.53	91.75	18.96	86.25	17.90	83.50	17.33	80.75	16.52	75.25	15.60
90	-14.7	-15	52.20	18.37	52.20	18.91	52.20	19.44	52.20	19.80	52.20	19.98	52.20	20.53
	-12.6	-13	55.37	18.91	55.37	19.44	55.37	19.98	55.37	20.16	55.37	20.53	55.37	21.07
	-10.5	-11	58.65	19.44	58.65	19.98	58.65	20.53	58.65	20.70	58.65	20.88	58.65	21.42
	-9.5	-10	60.45	19.63	60.45	20.16	60.45	20.70	60.45	20.88	60.45	21.07	60.45	21.60
	-8.5	-9.1	61.83	19.80	61.83	20.34	61.83	20.88	61.83	21.07	61.83	21.24	61.83	21.79
	-7	-7.6	64.26	20.16	64.26	20.70	64.26	21.07	64.26	21.42	64.26	21.60	64.15	21.96
	-5	-5.6	67.43	20.53	67.43	21.07	67.43	21.42	67.43	21.60	67.43	21.96	66.78	22.32
	-3	-3.7	70.50	20.88	70.50	21.42	70.50	21.79	70.50	21.96	70.50	22.15	67.52	21.42
	0	-0.7	75.36	21.42	75.36	21.79	75.36	22.15	74.82	22.32	72.60	21.42	67.52	19.80
	3	2.2	79.90	21.79	79.90	22.15	77.57	21.60	74.93	20.88	72.60	19.98	67.52	18.54
	5	4.1	83.19	21.96	82.66	22.15	77.57	20.70	74.93	19.98	72.60	19.08	67.52	17.71
	8.3	6.1	86.25	22.15	82.66	21.24	77.57	19.80	74.93	19.08	72.60	18.37	67.52	17.01
	9	7.9	87.63	21.79	82.66	20.34	77.57	19.08	74.93	18.37	72.60	17.67	67.52	16.36
	11	9.8	87.63	20.88	82.66	19.63	77.57	18.37	74.93	17.64	72.60	17.01	67.52	15.77
	13	11.8	87.63	20.16	82.66	18.91	77.57	17.59	74.93	16.98	72.60	16.38	67.52	15.19
	15	13.7	87.63	19.44	82.66	18.18	77.57	16.98	74.93	16.41	72.60	15.83	67.52	14.68
	19	14.2	87.63	18.96	82.66	17.67	77.57	16.44	74.93	15.91	72.60	15.26	67.52	14.14
	21	15	87.63	18.26	82.66	17.01	77.57	16.14	74.93	15.39	72.60	14.71	67.52	13.56
80	-14.7	-15	52.20	19.44	52.20	19.98	52.20	20.53	52.20	20.70	52.20	20.88	52.20	21.42
	-12.6	-13	55.37	19.98	55.37	20.34	55.37	20.88	55.37	21.07	55.37	21.42	55.37	21.79
	-10.5	-11	58.65	20.34	58.65	20.88	58.65	21.24	58.65	21.60	58.65	21.79	58.44	22.15
	-9.5	-10	60.45	20.70	60.45	21.07	60.45	21.42	60.45	21.79	60.45	21.96	59.59	22.32
	-8.5	-9.1	61.83	20.88	61.83	21.24	61.83	21.60	61.83	21.96	61.83	22.15	60.11	21.96
	-7	-7.6	64.26	21.07	64.26	21.42	64.15	21.96	64.15	22.15	63.61	22.32	60.11	20.88
	-5	-5.6	67.43	21.42	67.43	21.79	67.43	22.15	66.57	22.32	64.56	21.42	60.11	19.80
	-3	-3.7	70.50	21.79	70.50	22.15	69.00	21.96	66.57	21.07	64.56	20.34	60.11	18.71
	0	-0.7	75.36	22.15	73.34	21.79	69.00	20.34	66.57	19.63	64.56	18.71	60.11	17.39
	3	2.2	77.68	21.60	73.34	20.34	69.00	18.91	66.57	18.18	64.56	17.57	60.11	16.28
	5	4.1	77.68	20.70	73.34	19.44	69.00	18.18	66.57	17.46	64.56	16.84	60.11	15.60
	8.3	6.1	77.68	19.80	73.34	18.54	69.00	17.37	66.57	16.78	64.56	16.18	60.11	15.01
	9	7.9	77.68	19.08	73.34	17.88	69.00	16.70	66.57	16.13	64.56	15.57	60.11	14.45
	11	9.8	77.68	18.37	73.34	17.20	69.00	16.09	66.57	15.55	64.56	15.01	60.11	13.93
	13	11.8	77.68	17.66	73.34	16.56	69.00	15.49	66.57	14.98	64.56	14.45	60.11	13.44
	15	13.7	77.68	17.05	73.34	15.85	69.00	14.98	66.57	14.47	64.56	13.98	60.11	13.01
	19	14.2	77.68	16.46	73.34	15.57	69.00	14.38	66.57	13.94	64.56	13.39	60.11	12.69
	21	15	77.68	15.99	73.34	14.89	69.00	14.00	66.57	13.50	64.56	12.94	60.11	12.01

To be continued

Continued

YV2VYT074KAS-D-X		Heating Capacity											
Capacity Factor (%)	Outdoor Temp.	Indoor Temp. (°C DB)											
		16		18		20		21.1		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB / °C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7 / -15	52.20	20.53	52.20	21.07	52.20	21.42	52.20	21.60	52.20	21.79	51.34	22.32
	-12.6 / -13	55.37	21.07	55.37	21.42	55.37	21.79	55.37	21.96	54.84	22.32	52.60	21.42
	-10.5 / -11	58.65	21.42	58.65	21.79	58.54	22.15	57.68	22.32	56.41	21.60	52.60	19.98
	-9.5 / -10	60.45	21.60	60.45	21.96	59.70	22.32	58.31	21.79	56.41	20.88	52.60	19.26
	-8.5 / -9.1	61.83	21.79	61.83	22.15	60.43	21.96	58.31	21.24	56.41	20.34	52.60	18.91
	-7 / -7.6	64.15	21.96	63.51	22.32	60.43	21.07	58.31	20.16	56.41	19.44	52.60	18.01
	-5 / -5.6	67.11	22.32	64.24	21.24	60.43	19.80	58.31	19.08	56.41	18.37	52.60	17.05
	-3 / -3.7	68.05	21.60	64.24	20.16	60.43	18.91	58.31	18.18	56.41	17.51	52.60	16.22
	0 / -0.7	68.05	19.98	64.24	18.71	60.43	17.48	58.31	16.87	56.41	16.26	52.60	15.09
	3 / 2.2	68.05	18.71	64.24	17.48	60.43	16.33	58.31	15.77	56.41	15.24	52.60	14.14
	5 / 4.1	68.05	17.87	64.24	16.76	60.43	15.69	58.31	15.14	56.41	14.62	52.60	13.59
	8.3 / 6.1	68.05	17.14	64.24	16.09	60.43	15.06	58.31	14.56	56.41	14.05	52.60	13.09
	9 / 7.9	68.05	16.49	64.24	15.48	60.43	14.51	58.31	14.02	56.41	13.56	52.60	12.63
	11 / 9.8	68.05	15.88	64.24	14.92	60.43	14.00	58.31	13.53	56.41	12.97	52.60	12.19
	13 / 11.8	68.05	15.30	64.24	14.39	60.43	13.50	58.31	13.08	56.41	12.63	52.60	11.77
	15 / 13.7	68.05	14.78	64.24	13.91	60.43	13.08	58.31	12.64	56.41	12.22	52.60	11.40
	19 / 14.2	68.05	14.03	64.24	13.53	60.43	12.71	58.31	12.05	56.41	11.53	52.60	10.94
	21 / 15	68.05	13.53	64.24	12.86	60.43	12.13	58.31	11.49	56.41	10.95	52.60	10.34
60	-14.7 / -15	52.20	21.60	52.20	21.96	51.02	22.32	50.06	21.60	48.47	20.88	45.08	19.26
	-12.6 / -13	55.37	21.96	54.30	22.32	51.75	20.88	50.06	20.16	48.47	19.44	45.08	17.96
	-10.5 / -11	57.68	22.32	54.93	21.07	51.75	19.63	50.06	18.91	48.47	18.18	45.08	16.86
	-9.5 / -10	58.31	21.79	54.93	20.34	51.75	19.08	50.06	18.37	48.47	17.66	45.08	16.35
	-8.5 / -9.1	58.31	21.24	54.93	19.80	51.75	18.54	50.06	17.84	48.47	17.19	45.08	15.93
	-7 / -7.6	58.31	20.16	54.93	18.91	51.75	17.69	50.06	17.06	48.47	16.47	45.08	15.27
	-5 / -5.6	58.31	19.08	54.93	17.92	51.75	16.75	50.06	16.16	48.47	15.59	45.08	14.47
	-3 / -3.7	58.31	18.18	54.93	17.03	51.75	15.93	50.06	15.40	48.47	14.85	45.08	13.81
	0 / -0.7	58.31	16.86	54.93	15.83	51.75	14.82	50.06	14.33	48.47	13.84	45.08	12.87
	3 / 2.2	58.31	15.77	54.93	14.82	51.75	13.89	50.06	13.44	48.47	12.99	45.08	12.12
	5 / 4.1	58.31	15.14	54.93	14.24	51.75	13.36	50.06	12.92	48.47	12.50	45.08	11.65
	8.3 / 6.1	58.31	14.54	54.93	13.70	51.75	12.87	50.06	12.45	48.47	12.05	45.08	11.23
	9 / 7.9	58.31	14.02	54.93	13.22	51.75	12.40	50.06	12.03	48.47	11.63	45.08	10.85
	11 / 9.8	58.31	13.53	54.93	12.74	51.75	11.99	50.06	11.62	48.47	11.23	45.08	10.51
	13 / 11.8	58.31	13.06	54.93	12.32	51.75	11.57	50.06	11.21	48.47	10.87	45.08	10.17
	15 / 13.7	58.31	12.64	54.93	11.91	51.75	11.21	50.06	10.87	48.47	10.53	45.08	9.87
	19 / 14.2	58.31	12.27	54.93	11.34	51.75	10.88	50.06	10.53	48.47	10.14	45.08	9.44
	21 / 15	58.31	11.77	54.93	11.02	51.75	10.41	50.06	10.19	48.47	9.80	45.08	9.07
50	-14.7 / -15	48.68	20.88	45.83	19.63	43.18	18.37	41.70	17.67	40.32	17.03	37.46	15.79
	-12.6 / -13	48.68	19.63	45.83	18.37	43.18	17.10	41.70	16.52	40.32	15.93	37.46	14.78
	-10.5 / -11	48.68	18.37	45.83	17.17	43.18	16.05	41.70	15.51	40.32	14.98	37.46	13.91
	-9.5 / -10	48.68	17.75	45.83	16.65	43.18	15.59	41.70	15.06	40.32	14.54	37.46	13.52
	-8.5 / -9.1	48.68	17.29	45.83	16.22	43.18	15.19	41.70	14.68	40.32	14.17	37.46	13.17
	-7 / -7.6	48.68	16.56	45.83	15.55	43.18	14.56	41.70	14.08	40.32	13.61	37.46	12.67
	-5 / -5.6	48.68	15.69	45.83	14.74	43.18	13.83	41.70	13.38	40.32	12.92	37.46	12.05
	-3 / -3.7	48.68	14.94	45.83	14.05	43.18	13.20	41.70	12.77	40.32	12.35	37.46	11.52
	0 / -0.7	48.68	13.91	45.83	13.11	43.18	12.32	41.70	11.93	40.32	11.54	37.46	10.78
	3 / 2.2	48.68	13.06	45.83	12.32	43.18	11.60	41.70	11.23	40.32	10.87	37.46	10.17
	5 / 4.1	48.68	12.57	45.83	11.86	43.18	11.17	41.70	10.81	40.32	10.48	37.46	9.80
	8.3 / 6.1	48.68	12.10	45.83	11.43	43.18	10.76	41.70	10.45	40.32	10.11	37.46	9.49
	9 / 7.9	48.68	11.68	45.83	11.04	43.18	10.41	41.70	10.10	40.32	9.79	37.46	9.18
	11 / 9.8	48.68	11.28	45.83	10.67	43.18	10.08	41.70	9.77	40.32	9.49	37.46	8.90
	13 / 11.8	48.68	10.93	45.83	10.33	43.18	9.75	41.70	9.47	40.32	9.18	37.46	8.62
	15 / 13.7	48.68	10.59	45.83	10.03	43.18	9.47	41.70	9.19	40.32	8.91	37.46	8.40
	19 / 14.2	48.68	10.25	45.83	9.63	43.18	9.14	41.70	8.79	40.32	8.60	37.46	8.02
	21 / 15	48.68	9.58	45.83	9.36	43.18	8.90	41.70	8.42	40.32	8.27	37.46	7.70

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 51. Heating capacity YV2VYT083KAS-D-X

YV2VYT083KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	57.53	14.71	57.53	15.58	57.53	16.45	57.53	16.87	57.53	17.32	57.53	18.19
	-12.6	-13	60.97	15.62	60.97	16.45	60.97	17.26	60.97	17.66	60.97	18.09	60.97	18.88
	-10.5	-11	64.83	16.43	64.83	17.20	64.83	17.97	64.83	18.35	64.83	18.75	64.83	19.46
	-9.5	-10	66.98	16.81	66.98	17.54	66.98	18.29	66.98	18.67	66.98	19.06	66.98	19.83
	-8.5	-9.1	68.48	17.12	68.48	17.84	68.48	18.57	68.48	18.94	68.48	19.26	68.48	20.03
	-7	-7.6	71.27	17.60	71.27	18.31	71.27	19.02	71.27	19.46	71.27	19.65	71.27	20.41
	-5	-5.6	75.14	18.19	75.14	18.86	75.14	19.46	75.14	19.83	75.14	20.21	75.14	20.80
	-3	-3.7	78.57	18.73	78.57	19.26	78.57	20.03	78.57	20.41	78.57	20.60	78.57	21.36
	0	-0.7	84.15	19.46	84.15	20.03	84.15	20.60	84.15	20.98	84.15	21.16	84.15	21.75
	3	2.2	89.52	20.03	89.52	20.60	89.52	21.16	89.52	21.36	89.52	21.75	89.52	22.32
	5	4.1	92.96	20.41	92.96	20.98	92.96	21.55	92.96	21.75	92.96	22.13	92.96	22.50
	8.3	6.1	96.61	20.80	96.61	21.36	96.61	21.75	96.61	22.13	96.61	22.32	96.61	22.88
	9	7.9	100.04	20.98	100.04	21.55	100.04	22.13	100.04	22.32	100.04	22.50	100.04	23.08
	11	9.8	103.48	21.36	103.48	21.75	103.48	22.32	103.48	22.50	103.48	22.88	103.48	23.27
	13	11.8	105.19	21.55	105.19	22.13	105.19	22.50	105.19	22.88	105.19	23.08	105.19	23.47
	15	13.7	110.77	21.93	110.77	22.32	110.77	22.70	110.77	23.08	110.77	23.27	109.49	23.27
	19	14.2	110.77	22.13	110.77	22.56	110.77	22.90	110.77	23.29	110.77	23.49	109.49	22.80
	21	15	110.77	22.30	110.77	22.78	110.77	23.12	110.77	23.41	110.77	23.10	109.49	22.58
120	-14.7	-15	57.53	15.88	57.53	16.69	57.53	17.48	57.53	17.88	57.53	18.29	57.53	19.08
	-12.6	-13	60.97	16.73	60.97	17.48	60.97	18.23	60.97	18.61	60.97	19.00	60.97	19.83
	-10.5	-11	64.83	17.48	64.83	18.17	64.83	18.88	64.83	19.26	64.83	19.65	64.83	20.41
	-9.5	-10	66.98	17.82	66.98	18.49	66.98	19.26	66.98	19.46	66.98	19.83	66.98	20.60
	-8.5	-9.1	68.48	18.11	68.48	18.78	68.48	19.46	68.48	19.83	68.48	20.21	68.48	20.80
	-7	-7.6	71.27	18.55	71.27	19.26	71.27	19.83	71.27	20.21	71.27	20.43	71.27	21.16
	-5	-5.6	75.14	19.08	75.14	19.65	75.14	20.41	75.14	20.60	75.14	21.04	75.14	21.55
	-3	-3.7	78.57	19.65	78.57	20.21	78.57	20.80	78.57	20.98	78.57	21.45	78.57	21.93
	0	-0.7	84.15	20.21	84.15	20.80	84.15	21.36	84.15	21.55	84.15	21.93	84.15	22.50
	3	2.2	89.52	20.80	89.52	21.36	89.52	21.93	89.52	22.13	89.52	22.32	89.52	22.88
	5	4.1	92.96	21.16	92.96	21.55	92.96	22.13	92.96	22.32	92.96	22.70	92.96	23.08
	8.3	6.1	96.61	21.36	96.61	21.93	96.61	22.50	96.61	22.70	96.61	22.88	96.61	23.47
	9	7.9	100.04	21.75	100.04	22.13	100.04	22.70	100.04	22.88	100.04	23.08	100.04	23.65
	11	9.8	103.48	21.93	103.48	22.50	103.48	22.88	103.48	23.08	103.48	23.27	101.11	22.88
	13	11.8	105.19	22.32	105.19	22.70	105.19	23.08	105.19	23.27	105.19	23.65	101.11	22.13
	15	13.7	110.77	22.50	110.77	22.88	110.77	23.27	110.77	23.47	108.41	23.08	101.11	21.16
	19	14.2	110.77	22.68	110.77	23.08	110.77	23.29	110.77	23.25	108.41	22.68	101.11	20.66
	21	15	110.77	22.92	110.77	23.27	110.77	23.43	110.77	23.06	108.41	21.99	101.11	20.29
110	-14.7	-15	57.53	17.06	57.53	17.80	57.53	18.49	57.53	18.88	57.53	19.26	57.53	20.03
	-12.6	-13	60.97	17.82	60.97	18.51	60.97	19.26	60.97	19.65	60.97	19.83	60.97	20.60
	-10.5	-11	64.83	18.49	64.83	19.08	64.83	19.83	64.83	20.21	64.83	20.41	64.83	21.16
	-9.5	-10	66.98	18.82	66.98	19.46	66.98	20.03	66.98	20.43	66.98	20.80	66.98	21.36
	-8.5	-9.1	68.48	19.08	68.48	19.65	68.48	20.41	68.48	20.64	68.48	20.98	68.48	21.55
	-7	-7.6	71.27	19.46	71.27	20.03	71.27	20.60	71.27	21.04	71.27	21.36	71.27	21.93
	-5	-5.6	75.14	20.03	75.14	20.60	75.14	21.16	75.14	21.45	75.14	21.75	75.14	22.32
	-3	-3.7	78.57	20.41	78.57	20.98	78.57	21.55	78.57	21.65	78.57	22.13	78.57	22.50
	0	-0.7	84.15	20.98	84.15	21.55	84.15	22.13	84.15	22.25	84.15	22.50	84.15	23.08
	3	2.2	89.52	21.55	89.52	22.13	89.52	22.50	89.52	22.70	89.52	23.08	89.52	23.47
	5	4.1	92.96	21.93	92.96	22.32	92.96	22.70	92.96	23.08	92.96	23.27	92.74	23.47
	8.3	6.1	96.61	22.13	96.61	22.50	96.61	23.08	96.61	23.27	96.61	23.47	92.74	22.50
	9	7.9	100.04	22.50	100.04	22.88	100.04	23.27	100.04	23.47	99.40	23.47	92.74	21.55
	11	9.8	103.48	22.70	103.48	23.08	103.48	23.47	102.83	23.47	99.40	22.50	92.74	20.80
	13	11.8	105.19	22.88	105.19	23.27	106.48	23.27	102.83	22.50	99.40	21.55	92.74	20.03
	15	13.7	110.77	23.08	110.77	23.47	106.48	22.50	102.83	21.75	99.40	20.80	92.74	19.26
	19	14.2	110.77	21.57	110.77	23.25	106.48	21.77	102.83	20.86	99.40	20.09	92.74	18.63
	21	15		21.75	110.77	22.58	106.48	20.62	102.83	20.23	99.40	19.52	92.74	18.37

To be continued

Continued

YV2VYT083KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	57.53	18.23	57.53	18.90	57.53	19.65	57.53	19.83	57.53	20.21	57.53	20.98
	-12.6	-13	60.97	18.94	60.97	19.65	60.97	20.21	60.97	20.41	60.97	20.80	60.97	21.36
	-10.5	-11	64.83	19.65	64.83	20.21	64.83	20.80	64.83	20.98	64.83	21.36	64.83	21.93
	-9.5	-10	66.98	19.83	66.98	20.41	66.98	20.98	66.98	21.36	66.98	21.55	66.98	22.13
	-8.5	-9.1	68.48	20.03	68.48	20.60	68.48	21.16	68.48	21.65	68.48	21.75	68.48	22.32
	-7	-7.6	71.27	20.41	71.27	20.98	71.27	21.55	71.27	21.65	71.27	22.13	71.27	22.70
	-5	-5.6	75.14	20.98	75.14	21.36	75.14	21.93	75.14	22.05	75.14	22.50	75.14	22.88
	-3	-3.7	78.57	21.36	78.57	21.75	78.57	22.32	78.57	22.46	78.57	22.70	78.57	23.27
	0	-0.7	84.15	21.93	84.15	22.32	84.15	22.70	84.15	23.06	84.15	23.27	84.37	23.65
	3	2.2	89.52	22.32	89.52	22.70	89.52	23.27	89.52	23.47	89.52	23.65	84.37	22.13
	5	4.1	92.96	22.50	92.96	23.08	92.96	23.47	92.96	23.65	90.38	22.88	84.37	21.16
	8.3	6.1	96.61	22.88	96.61	23.27	96.61	23.47	93.60	22.70	90.38	21.93	84.37	20.21
	9	7.9	100.04	23.08	100.04	23.47	96.61	22.70	93.60	21.93	90.38	20.98	84.37	19.46
	11	9.8	103.48	23.27	102.83	23.47	96.61	21.75	93.60	20.98	90.38	20.21	84.37	18.71
	13	11.8	105.19	23.47	102.83	22.50	96.61	20.98	93.60	20.21	90.38	19.46	84.37	18.01
	15	13.7	108.84	23.08	102.83	21.75	96.61	20.21	93.60	19.46	90.38	18.78	84.37	17.38
	19	14.2	108.84	22.48	102.83	21.00	96.61	19.71	93.60	18.65	90.38	18.05	84.37	16.91
	21	15	108.84	21.75	102.83	20.09	96.61	18.98	93.60	18.37	90.38	17.50	84.37	16.53
90	-14.7	-15	57.53	19.46	57.53	20.03	57.53	20.60	57.53	20.98	57.53	21.16	57.53	21.75
	-12.6	-13	60.97	20.03	60.97	20.60	60.97	21.16	60.97	21.36	60.97	21.75	60.97	22.32
	-10.5	-11	64.83	20.60	64.83	21.16	64.83	21.75	64.83	21.93	64.83	22.13	64.83	22.70
	-9.5	-10	66.98	20.80	66.98	21.36	66.98	21.93	66.98	22.13	66.98	22.32	66.98	22.88
	-8.5	-9.1	68.48	20.98	68.48	21.55	68.48	22.13	68.48	22.32	68.48	22.50	68.48	23.08
	-7	-7.6	71.27	21.36	71.27	21.93	71.27	22.32	71.27	22.70	71.27	22.88	71.27	23.27
	-5	-5.6	75.14	21.75	75.14	22.32	75.14	22.70	75.14	22.88	75.14	23.27	75.14	23.65
	-3	-3.7	78.57	22.13	78.57	22.70	78.57	23.08	78.57	23.27	78.57	23.47	75.57	22.70
	0	-0.7	84.15	22.70	84.15	23.08	84.15	23.47	83.94	23.65	81.15	22.70	75.57	20.98
	3	2.2	89.52	23.08	89.52	23.47	87.16	22.88	83.94	22.13	81.15	21.16	75.57	19.65
	5	4.1	92.96	23.27	92.74	23.47	87.16	21.93	83.94	21.16	81.15	20.21	75.57	18.78
	8.3	6.1	96.61	23.47	92.74	22.50	87.16	20.98	83.94	20.21	81.15	19.46	75.57	18.03
	9	7.9	98.32	23.08	92.74	21.55	87.16	20.21	83.94	19.46	81.15	18.73	75.57	17.34
	11	9.8	98.32	22.13	92.74	20.80	87.16	19.46	83.94	18.69	81.15	18.03	75.57	16.71
	13	11.8	98.32	21.36	92.74	20.03	87.16	18.63	83.94	17.99	81.15	17.36	75.57	16.10
	15	13.7	98.32	20.60	92.74	19.26	87.16	17.99	83.94	17.38	81.15	16.77	75.57	15.54
	19	14.2	98.32	20.09	92.74	18.71	87.16	17.42	83.94	16.85	81.15	16.17	75.57	14.99
	21	15	98.32	19.36	92.74	18.03	87.16	17.10	83.94	16.31	81.15	15.60	75.57	14.38
80	-14.7	-15	57.53	20.60	57.53	21.16	57.53	21.75	57.53	21.93	57.53	22.13	57.53	22.70
	-12.6	-13	60.97	21.16	60.97	21.55	60.97	22.13	60.97	22.32	60.97	22.70	60.97	23.08
	-10.5	-11	64.83	21.55	64.83	22.13	64.83	22.50	64.83	22.88	64.83	23.08	64.83	23.47
	-9.5	-10	66.98	21.93	66.98	22.32	66.98	22.70	66.98	23.08	66.98	23.27	66.98	23.65
	-8.5	-9.1	68.48	22.13	68.48	22.50	68.48	22.88	68.48	23.27	68.48	23.47	67.19	23.27
	-7	-7.6	71.27	22.32	71.27	22.70	71.27	23.27	71.27	23.47	71.27	23.65	67.19	22.13
	-5	-5.6	75.14	22.70	75.14	23.08	75.14	23.47	74.71	23.65	72.35	22.70	67.19	20.98
	-3	-3.7	78.57	23.08	78.57	23.47	77.28	23.27	74.71	22.32	72.35	21.55	67.19	19.83
	0	-0.7	84.15	23.47	82.22	23.08	77.28	21.55	74.71	20.80	72.35	19.83	67.19	18.43
	3	2.2	87.37	22.88	82.22	21.55	77.28	20.03	74.71	19.26	72.35	18.61	67.19	17.24
	5	4.1	87.37	21.93	82.22	20.60	77.28	19.26	74.71	18.49	72.35	17.82	67.19	16.53
	8.3	6.1	87.37	20.98	82.22	19.65	77.28	18.41	74.71	17.78	72.35	17.16	67.19	15.90
	9	7.9	87.37	20.21	82.22	18.94	77.28	17.70	74.71	17.10	72.35	16.49	67.19	15.32
	11	9.8	87.37	19.46	82.22	18.23	77.28	17.06	74.71	16.49	72.35	15.90	67.19	14.77
	13	11.8	87.37	18.71	82.22	17.54	77.28	16.43	74.71	15.86	72.35	15.32	67.19	14.24
	15	13.7	87.37	18.07	82.22	16.79	77.28	15.86	74.71	15.34	72.35	14.83	67.19	13.80
	19	14.2	87.37	17.44	82.22	16.49	77.28	15.23	74.71	14.77	72.35	14.18	67.19	13.45
	21	15	87.37	16.95	82.22	15.78	77.28	14.83	74.71	14.28	72.35	13.70	67.19	12.75

To be continued

Continued

YV2VYT083KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	57.53	21.75	57.53	22.32	57.53	22.70	57.53	22.88	57.53	23.08	57.53	23.65
	-12.6	-13	60.97	22.32	60.97	22.70	60.97	23.08	60.97	23.27	60.97	23.65	58.82	22.70
	-10.5	-11	64.83	22.70	64.83	23.08	64.83	23.47	64.83	23.65	63.33	22.88	58.82	21.16
	-9.5	-10	66.98	22.88	66.98	23.27	66.98	23.65	65.48	23.08	63.33	22.13	58.82	20.41
	-8.5	-9.1	68.48	23.08	68.48	23.47	67.84	23.27	65.48	22.50	63.33	21.55	58.82	20.03
	-7	-7.6	71.27	23.27	71.27	23.65	67.84	22.32	65.48	21.36	63.33	20.60	58.82	19.08
	-5	-5.6	75.14	23.65	71.92	22.50	67.84	20.98	65.48	20.21	63.33	19.46	58.82	18.07
	-3	-3.7	76.43	22.88	71.92	21.36	67.84	20.03	65.48	19.26	63.33	18.55	58.82	17.18
	0	-0.7	76.43	21.16	71.92	19.83	67.84	18.51	65.48	17.86	63.33	17.22	58.82	15.98
	3	2.2	76.43	19.83	71.92	18.51	67.84	17.30	65.48	16.71	63.33	16.14	58.82	14.97
	5	4.1	76.43	18.92	71.92	17.76	67.84	16.61	65.48	16.04	63.33	15.50	58.82	14.40
	8.3	6.1	76.43	18.15	71.92	17.06	67.84	15.96	65.48	15.44	63.33	14.89	58.82	13.86
	9	7.9	76.43	17.48	71.92	16.41	67.84	15.38	65.48	14.85	63.33	14.36	58.82	13.37
	11	9.8	76.43	16.81	71.92	15.82	67.84	14.83	65.48	14.34	63.33	13.76	58.82	12.91
	13	11.8	76.43	16.21	71.92	15.23	67.84	14.30	65.48	13.84	63.33	13.37	58.82	12.48
	15	13.7	76.43	15.66	71.92	14.75	67.84	13.84	65.48	13.39	63.33	12.95	58.82	12.10
	19	14.2	76.43	14.87	71.92	14.34	67.84	13.45	65.48	12.77	63.33	12.22	58.82	11.59
	21	15	76.43	14.34	71.92	13.64	67.84	12.85	65.48	12.18	63.33	11.61	58.82	10.97
60	-14.7	-15	57.53	22.88	57.53	23.27	57.53	23.65	56.03	22.88	54.31	22.13	50.45	20.41
	-12.6	-13	60.97	23.27	60.97	23.65	57.96	22.13	56.03	21.36	54.31	20.60	50.45	19.04
	-10.5	-11	64.83	23.65	61.61	22.32	57.96	20.80	56.03	20.03	54.31	19.26	50.45	17.84
	-9.5	-10	65.48	23.08	61.61	21.55	57.96	20.21	56.03	19.46	54.31	18.71	50.45	17.32
	-8.5	-9.1	65.48	22.50	61.61	20.98	57.96	19.65	56.03	18.90	54.31	18.21	50.45	16.87
	-7	-7.6	65.48	21.36	61.61	20.03	57.96	18.75	56.03	18.09	54.31	17.46	50.45	16.17
	-5	-5.6	65.48	20.21	61.61	18.98	57.96	17.74	56.03	17.14	54.31	16.51	50.45	15.34
	-3	-3.7	65.48	19.26	61.61	18.05	57.96	16.87	56.03	16.31	54.31	15.74	50.45	14.63
	0	-0.7	65.48	17.84	61.61	16.77	57.96	15.70	56.03	15.17	54.31	14.67	50.45	13.64
	3	2.2	65.48	16.71	61.61	15.70	57.96	14.73	56.03	14.24	54.31	13.78	50.45	12.83
	5	4.1	65.48	16.04	61.61	15.09	57.96	14.16	56.03	13.70	54.31	13.23	50.45	12.34
	8.3	6.1	65.48	15.42	61.61	14.51	57.96	13.64	56.03	13.19	54.31	12.77	50.45	11.90
	9	7.9	65.48	14.85	61.61	14.00	57.96	13.15	56.03	12.75	54.31	12.32	50.45	11.49
	11	9.8	65.48	14.34	61.61	13.49	57.96	12.71	56.03	12.30	54.31	11.90	50.45	11.15
	13	11.8	65.48	13.82	61.61	13.05	57.96	12.26	56.03	11.88	54.31	11.51	50.45	10.78
	15	13.7	65.48	13.39	61.61	12.62	57.96	11.88	56.03	11.51	54.31	11.17	50.45	10.46
	19	14.2	65.48	13.01	61.61	12.02	57.96	11.51	56.03	11.17	54.31	10.74	50.45	9.99
	21	15	65.48	12.46	61.61	11.67	57.96	11.03	56.03	10.80	54.31	10.40	50.45	9.61
50	-14.7	-15	54.31	22.13	51.31	20.80	48.30	19.46	46.59	18.73	45.08	18.05	42.08	16.73
	-12.6	-13	54.31	20.80	51.31	19.46	48.30	18.13	46.59	17.50	45.08	16.87	42.08	15.66
	-10.5	-11	54.31	19.46	51.31	18.19	48.30	17.01	46.59	16.45	45.08	15.86	42.08	14.75
	-9.5	-10	54.31	18.82	51.31	17.64	48.30	16.51	46.59	15.96	45.08	15.42	42.08	14.32
	-8.5	-9.1	54.31	18.31	51.31	17.18	48.30	16.10	46.59	15.54	45.08	15.01	42.08	13.96
	-7	-7.6	54.31	17.54	51.31	16.49	48.30	15.44	46.59	14.91	45.08	14.43	42.08	13.43
	-5	-5.6	54.31	16.61	51.31	15.62	48.30	14.65	46.59	14.16	45.08	13.70	42.08	12.77
	-3	-3.7	54.31	15.82	51.31	14.89	48.30	13.98	46.59	13.51	45.08	13.09	42.08	12.20
	0	-0.7	54.31	14.75	51.31	13.88	48.30	13.05	46.59	12.64	45.08	12.22	42.08	11.43
	3	2.2	54.31	13.82	51.31	13.05	48.30	12.28	46.59	11.90	45.08	11.51	42.08	10.78
	5	4.1	54.31	13.31	51.31	12.56	48.30	11.84	46.59	11.47	45.08	10.86	42.08	10.40
	8.3	6.1	54.31	12.83	51.31	12.12	48.30	11.41	46.59	11.07	45.08	10.72	42.08	10.06
	9	7.9	54.31	12.38	51.31	11.69	48.30	11.03	46.59	10.70	45.08	10.38	42.08	9.73
	11	9.8	54.31	11.96	51.31	11.31	48.30	10.68	46.59	10.36	45.08	10.06	42.08	9.43
	13	11.8	54.31	11.57	51.31	10.95	48.30	10.34	46.59	10.03	45.08	9.73	42.08	9.14
	15	13.7	54.31	11.21	51.31	10.62	48.30	10.03	46.59	9.75	45.08	9.45	42.08	8.88
	19	14.2	54.31	10.86	51.31	10.20	48.30	9.67	46.59	9.31	45.08	9.12	42.08	8.50
	21	15	54.31	10.16	51.31	9.91	48.30	9.43	46.59	8.92	45.08	8.76	42.08	8.15

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 52. Heating capacity YV2VYT087KAS-D-X

YV2VYT087KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	59.46	16.04	59.46	17.00	59.46	17.94	59.46	18.41	59.46	18.90	59.46	19.84
	-12.6	-13	63.17	17.04	63.17	17.94	63.17	18.83	63.17	19.26	63.17	19.73	63.17	20.60
	-10.5	-11	67.19	17.92	67.19	18.77	67.19	19.60	67.19	20.02	67.19	20.45	67.19	21.23
	-9.5	-10	69.42	18.34	69.42	19.14	69.42	19.95	69.42	20.37	69.42	20.79	69.42	21.63
	-8.5	-9.1	71.01	18.66	71.01	19.48	71.01	20.27	71.01	20.67	71.01	21.01	71.01	21.85
	-7	-7.6	73.87	19.20	73.87	19.98	73.87	20.75	73.87	21.23	73.87	21.43	73.87	22.27
	-5	-5.6	77.90	19.84	77.90	20.57	77.90	21.23	77.90	21.63	77.90	22.05	77.90	22.69
	-3	-3.7	81.61	20.43	81.61	21.01	81.61	21.85	81.61	22.27	81.61	22.48	81.61	23.31
	0	-0.7	87.54	21.23	87.54	21.85	87.54	22.48	87.54	22.89	87.54	23.10	87.54	23.73
	3	2.2	93.16	21.85	93.16	22.48	93.16	23.10	93.16	23.31	93.16	23.73	93.16	24.35
	5	4.1	96.86	22.27	96.86	22.89	96.86	23.51	96.86	23.73	96.86	24.14	96.86	24.55
	8.3	6.1	100.68	22.69	100.68	23.31	100.68	23.73	100.68	24.14	100.68	24.35	100.68	24.97
	9	7.9	104.28	22.89	104.28	23.51	104.28	24.14	104.28	24.35	104.28	24.55	104.28	25.18
	11	9.8	107.99	23.31	107.99	23.73	107.99	24.35	107.99	24.55	107.99	24.97	107.99	25.38
	13	11.8	111.03	23.51	111.03	24.14	111.03	24.55	111.03	24.97	111.03	25.18	111.03	25.60
	15	13.7	115.72	23.93	115.62	24.35	115.62	24.76	115.62	25.18	115.62	25.38	114.03	25.38
	19	14.2	115.72	24.15	115.62	24.60	115.62	24.99	115.62	25.40	115.62	25.62	114.03	24.88
	21	15	115.72	24.33	115.62	24.84	115.62	25.23	115.62	25.54	115.62	25.21	114.03	24.62
120	-14.7	-15	59.46	17.33	59.46	18.21	59.46	19.08	59.46	19.52	59.46	19.95	59.46	20.81
	-12.6	-13	63.17	18.25	63.17	19.06	63.17	19.89	63.17	20.31	63.17	20.73	63.17	21.63
	-10.5	-11	67.19	19.06	67.19	19.82	67.19	20.60	67.19	21.01	67.19	21.43	67.19	22.27
	-9.5	-10	69.42	19.44	69.42	20.18	69.42	21.01	69.42	21.23	69.42	21.63	69.42	22.48
	-8.5	-9.1	71.01	19.75	71.01	20.48	71.01	21.23	71.01	21.63	71.01	22.05	71.01	22.69
	-7	-7.6	73.87	20.24	73.87	21.01	73.87	21.63	73.87	22.05	73.87	22.32	73.87	23.10
	-5	-5.6	77.90	20.81	77.90	21.43	77.90	22.27	77.90	22.48	77.90	22.95	77.90	23.51
	-3	-3.7	81.61	21.43	81.61	22.05	81.61	22.69	81.61	22.89	81.61	23.37	81.61	23.93
	0	-0.7	87.54	22.05	87.54	22.69	87.54	23.31	87.54	23.51	87.54	23.93	87.54	24.55
	3	2.2	93.16	22.69	93.16	23.31	93.16	23.93	93.16	24.14	93.16	24.35	93.16	24.97
	5	4.1	96.86	23.10	96.86	23.51	96.86	24.14	96.86	24.35	96.86	24.76	96.86	25.18
	8.3	6.1	100.68	23.31	100.68	23.93	100.68	24.55	100.68	24.76	100.68	24.97	100.68	25.60
	9	7.9	104.28	23.73	104.28	24.14	104.28	24.76	104.28	24.97	104.28	25.18	104.28	25.80
	11	9.8	107.99	23.93	107.99	24.55	107.99	24.97	107.99	25.18	107.99	25.38	105.34	24.97
	13	11.8	111.03	24.35	111.03	24.76	111.03	25.18	111.03	25.38	111.03	25.80	105.34	24.14
	15	13.7	115.62	24.55	115.62	24.97	115.62	25.38	115.62	25.60	112.97	25.18	105.34	23.10
	19	14.2	115.62	24.75	115.62	25.18	115.62	25.41	115.62	25.36	112.97	24.75	105.34	22.54
	21	15	115.62	25.01	115.62	25.38	115.62	25.56	115.62	25.16	112.97	23.99	105.34	22.14
110	-14.7	-15	59.46	18.60	59.46	19.42	59.46	20.18	59.46	20.60	59.46	21.01	59.46	21.85
	-12.6	-13	63.17	19.45	63.17	20.20	63.17	21.01	63.17	21.43	63.17	21.63	63.17	22.48
	-10.5	-11	67.19	20.18	67.19	20.81	67.19	21.63	67.19	22.05	67.19	22.27	67.19	23.10
	-9.5	-10	69.42	20.53	69.42	21.23	69.42	21.85	69.42	22.32	69.42	22.69	69.42	23.31
	-8.5	-9.1	71.01	20.81	71.01	21.43	71.01	22.27	71.01	22.53	71.01	22.89	71.01	23.51
	-7	-7.6	73.87	21.23	73.87	21.85	73.87	22.48	73.87	22.95	73.87	23.31	73.87	23.93
	-5	-5.6	77.90	21.85	77.90	22.48	77.90	23.10	77.90	23.37	77.90	23.73	77.90	24.35
	-3	-3.7	81.61	22.27	81.61	22.89	81.61	23.51	81.61	23.69	81.61	24.14	81.61	24.55
	0	-0.7	87.54	22.89	87.54	23.51	87.54	24.14	87.54	24.32	87.54	24.55	87.54	25.18
	3	2.2	93.16	23.51	93.16	24.14	93.16	24.55	93.16	24.76	93.16	25.18	93.16	25.60
	5	4.1	96.86	23.93	96.86	24.35	96.86	24.76	96.86	25.18	96.86	25.38	96.55	25.60
	8.3	6.1	100.68	24.14	100.68	24.55	100.68	25.18	100.68	25.38	100.68	25.60	96.55	24.55
	9	7.9	104.28	24.55	104.28	24.97	104.28	25.38	104.28	25.60	103.54	25.60	96.55	23.51
	11	9.8	107.99	24.76	107.99	25.18	107.99	25.60	107.14	25.60	103.54	24.55	96.55	22.69
	13	11.8	111.03	24.97	111.03	25.38	110.85	25.38	107.14	24.55	103.54	23.51	96.55	21.85
	15	13.7	115.72	25.18	115.72	25.60	110.85	24.55	107.14	23.73	103.54	22.69	96.55	21.01
	19	14.2	115.72	23.53	115.72	25.36	110.85	23.75	107.14	22.76	103.54	21.92	96.55	20.33
	21	15	115.72	23.73	115.72	24.62	110.85	22.49	107.14	22.08	103.54	21.31	96.55	20.03

To be continued

Continued

YV2VYT087KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	59.46	19.89	59.46	20.62	59.46	21.43	59.46	21.63	59.46	22.05	59.46	22.89
	-12.6	-13	63.17	20.67	63.17	21.43	63.17	22.05	63.17	22.27	63.17	22.69	63.17	23.31
	-10.5	-11	67.19	21.43	67.19	22.05	67.19	22.69	67.19	22.89	67.19	23.31	67.19	23.93
	-9.5	-10	69.42	21.63	69.42	22.27	69.42	22.89	69.42	23.31	69.42	23.51	69.42	24.14
	-8.5	-9.1	71.01	21.85	71.01	22.48	71.01	23.10	71.01	23.56	71.01	23.73	71.01	24.35
	-7	-7.6	73.87	22.27	73.87	22.89	73.87	23.51	73.87	23.68	73.87	24.14	73.87	24.76
	-5	-5.6	77.90	22.89	77.90	23.31	77.90	23.93	77.90	24.10	77.90	24.55	77.90	24.97
	-3	-3.7	81.61	23.31	81.61	23.73	81.61	24.35	81.61	24.53	81.61	24.76	81.61	25.38
	0	-0.7	87.54	23.93	87.54	24.35	87.54	24.76	87.54	25.17	87.54	25.38	87.65	25.80
	3	2.2	93.16	24.35	93.16	24.76	93.16	25.38	93.16	25.60	93.16	25.80	87.86	24.14
	5	4.1	96.86	24.55	96.86	25.18	96.86	25.60	96.86	25.80	95.58	24.97	87.86	23.10
	8.3	6.1	100.68	24.97	100.68	25.38	100.68	26.45	97.50	24.76	94.21	23.93	87.86	22.05
	9	7.9	104.28	25.18	104.28	25.60	100.68	24.76	97.50	23.93	94.21	22.89	87.86	21.23
	11	9.8	107.99	25.38	107.14	25.60	100.68	23.73	97.50	22.89	94.21	22.05	87.86	20.41
	13	11.8	111.03	25.60	107.14	24.55	100.68	22.89	97.50	22.05	94.21	21.23	87.86	19.64
	15	13.7	113.50	25.18	107.14	23.73	100.68	22.05	97.50	21.23	94.21	20.48	87.86	18.96
	19	14.2	113.50	24.52	107.14	22.91	100.68	21.51	97.50	20.35	94.21	19.69	87.86	18.45
	21	15	113.50	23.73	107.14	21.92	100.68	20.70	97.50	20.03	94.21	19.10	87.86	18.03
90	-14.7	-15	59.46	21.23	59.46	21.85	59.46	22.48	59.46	22.89	59.46	23.10	59.46	23.73
	-12.6	-13	63.17	21.85	63.17	22.48	63.17	23.10	63.17	23.31	63.17	23.73	63.17	24.35
	-10.5	-11	67.19	22.48	67.19	23.10	67.19	23.73	67.19	23.93	67.19	24.14	67.19	24.76
	-9.5	-10	69.42	22.69	69.42	23.31	69.42	23.93	69.42	24.14	69.42	24.35	69.42	24.97
	-8.5	-9.1	71.01	22.89	71.01	23.51	71.01	24.14	71.01	24.35	71.01	24.55	71.01	25.18
	-7	-7.6	73.87	23.31	73.87	23.93	73.87	24.35	73.87	24.76	73.87	24.97	73.87	25.38
	-5	-5.6	77.90	23.73	77.90	24.35	77.90	24.76	77.90	24.97	77.90	25.38	77.90	25.80
	-3	-3.7	81.61	24.14	81.61	24.76	81.61	25.18	81.61	25.38	81.61	25.60	78.85	24.76
	0	-0.7	87.54	24.76	87.54	25.18	87.54	25.60	87.43	25.80	84.67	24.76	78.85	22.89
	3	2.2	93.16	25.18	93.16	25.60	90.72	24.97	87.54	24.14	84.67	23.10	78.85	21.43
	5	4.1	96.86	25.38	96.44	25.60	90.72	23.93	87.54	23.10	84.67	22.05	78.85	20.48
	8.3	6.1	100.68	25.60	96.44	24.55	90.72	22.89	87.54	22.05	84.67	21.23	78.85	19.66
	9	7.9	102.38	25.18	96.44	23.51	90.72	22.05	87.54	21.23	84.67	20.43	78.85	18.92
	11	9.8	102.38	24.14	96.44	22.69	90.72	21.23	87.54	20.39	84.67	19.66	78.85	18.23
	13	11.8	102.38	23.31	96.44	21.85	90.72	20.33	87.54	19.62	84.67	18.94	78.85	17.57
	15	13.7	102.38	22.48	96.44	21.01	90.72	19.62	87.54	18.96	84.67	18.30	78.85	16.96
	19	14.2	102.38	21.92	96.44	20.42	90.72	19.00	87.54	18.39	84.67	17.63	78.85	16.35
	21	15	102.38	21.12	96.44	19.66	90.72	18.65	87.54	17.79	84.67	17.01	78.85	15.69
80	-14.7	-15	59.46	22.48	59.46	23.10	59.46	23.73	59.46	23.93	59.46	24.14	59.46	24.76
	-12.6	-13	63.17	23.10	63.17	23.51	63.17	24.14	63.17	24.35	63.17	24.76	63.17	25.18
	-10.5	-11	67.19	23.51	67.19	24.14	67.19	24.55	67.19	24.97	67.19	25.18	67.19	25.60
	-9.5	-10	69.42	23.93	69.42	24.35	69.42	24.76	69.42	25.18	69.42	25.38	69.42	25.80
	-8.5	-9.1	71.01	24.14	71.01	24.55	71.01	24.97	71.01	25.38	71.01	25.60	70.05	25.38
	-7	-7.6	73.87	24.35	73.87	24.76	73.87	25.38	73.87	25.60	73.87	25.80	70.05	24.14
	-5	-5.6	77.90	24.76	77.90	25.18	77.90	25.60	77.79	25.80	75.35	24.76	70.05	22.89
	-3	-3.7	81.61	25.18	81.61	25.60	80.54	25.38	77.79	24.35	75.35	23.51	70.05	21.63
	0	-0.7	87.54	25.60	85.63	25.18	80.54	23.51	77.79	22.69	75.35	21.63	70.05	20.11
	3	2.2	90.93	24.97	85.63	23.51	80.54	21.85	77.79	21.01	75.35	20.31	70.05	18.81
	5	4.1	90.93	23.93	85.63	22.48	80.54	21.01	77.79	20.18	75.35	19.45	70.05	18.03
	8.3	6.1	90.93	22.89	85.63	21.43	80.54	20.09	77.79	19.40	75.35	18.71	70.05	17.35
	9	7.9	90.93	22.05	85.63	20.67	80.54	19.31	77.79	18.64	75.35	17.99	70.05	16.71
	11	9.8	90.93	21.23	85.63	19.89	80.54	18.60	77.79	17.98	75.35	17.35	70.05	16.11
	13	11.8	90.93	20.41	85.63	19.14	80.54	17.92	77.79	17.31	75.35	16.71	70.05	15.54
	15	13.7	90.93	19.71	85.63	18.32	80.54	17.31	77.79	16.73	75.35	16.17	70.05	15.04
	19	14.2	90.93	19.02	85.63	17.99	80.54	16.62	77.79	16.11	75.35	15.48	70.05	14.67
	21	15	90.93	18.49	85.63	17.21	80.54	16.18	77.79	15.59	75.35	14.95	70.05	13.90

To be continued

Continued

YV2VYT087KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	59.46	23.73	59.46	24.35	59.46	24.76	59.46	24.97	59.46	25.18	59.46	25.80
	-12.6	-13	63.17	24.35	63.17	24.76	63.17	25.18	63.17	25.38	63.17	25.80	61.36	24.76
	-10.5	-11	67.19	24.76	67.19	25.18	67.19	25.60	67.19	25.80	65.92	24.97	61.36	23.10
	-9.5	-10	69.42	24.97	69.42	25.38	69.42	25.80	68.14	25.18	65.92	24.14	61.36	22.27
	-8.5	-9.1	71.01	25.18	71.01	25.60	70.58	25.38	68.14	24.55	65.92	23.51	61.36	21.85
	-7	-7.6	73.87	25.38	73.87	25.80	70.58	24.35	68.14	23.31	65.92	22.48	61.36	20.81
	-5	-5.6	77.90	25.80	74.93	24.55	70.58	22.89	68.14	22.05	65.92	21.23	61.36	19.71
	-3	-3.7	79.49	24.97	74.93	23.31	70.58	21.85	68.14	21.01	65.92	20.24	61.36	18.75
	0	-0.7	79.49	23.10	74.93	21.63	70.58	20.20	68.14	19.50	65.92	18.79	61.36	17.43
	3	2.2	79.49	21.63	74.93	20.20	70.58	18.88	68.14	18.23	65.92	17.61	61.36	16.34
	5	4.1	79.49	20.64	74.93	19.38	70.58	18.13	68.14	17.50	65.92	16.91	61.36	15.72
	8.3	6.1	79.49	19.80	74.93	18.60	70.58	17.41	68.14	16.83	65.92	16.24	61.36	15.13
	9	7.9	79.49	19.06	74.93	17.90	70.58	16.77	68.14	16.20	65.92	15.68	61.36	14.59
	11	9.8	79.49	18.35	74.93	17.25	70.58	16.18	68.14	15.64	65.92	15.00	61.36	14.09
	13	11.8	79.49	17.69	74.93	16.62	70.58	15.60	68.14	15.11	65.92	14.59	61.36	13.61
	15	13.7	79.49	17.09	74.93	16.09	70.58	15.11	68.14	14.61	65.92	14.13	61.36	13.19
	19	14.2	79.49	16.22	74.93	15.64	70.58	14.69	68.14	13.93	65.92	13.33	61.36	12.64
	21	15	79.49	15.64	74.93	14.87	70.58	14.02	68.14	13.29	65.92	12.66	61.36	11.96
60	-14.7	-15	59.46	24.97	59.46	25.38	59.46	25.80	58.39	24.97	56.59	24.14	52.57	22.27
	-12.6	-13	63.17	25.38	63.17	25.80	60.41	24.14	58.39	23.31	56.59	22.48	52.57	20.77
	-10.5	-11	67.19	25.80	64.12	24.35	60.41	22.69	58.39	21.85	56.59	21.01	52.57	19.48
	-9.5	-10	68.14	25.18	64.12	23.51	60.41	22.05	58.39	21.23	56.59	20.41	52.57	18.90
	-8.5	-9.1	68.14	24.55	64.12	22.89	60.41	21.43	58.39	20.62	56.59	19.86	52.57	18.41
	-7	-7.6	68.14	23.31	64.12	21.85	60.41	20.45	58.39	19.73	56.59	19.04	52.57	17.64
	-5	-5.6	68.14	22.05	64.12	20.71	60.41	19.36	58.39	18.69	56.59	18.01	52.57	16.73
	-3	-3.7	68.14	21.01	64.12	19.69	60.41	18.41	58.39	17.79	56.59	17.17	52.57	15.96
	0	-0.7	68.14	19.48	64.12	18.30	60.41	17.13	58.39	16.56	56.59	16.00	52.57	14.87
	3	2.2	68.14	18.23	64.12	17.13	60.41	16.06	58.39	15.54	56.59	15.02	52.57	14.00
	5	4.1	68.14	17.50	64.12	16.46	60.41	15.44	58.39	14.94	56.59	14.44	52.57	13.46
	8.3	6.1	68.14	16.81	64.12	15.83	60.41	14.87	58.39	14.39	56.59	13.93	52.57	12.98
	9	7.9	68.14	16.20	64.12	15.28	60.41	14.34	58.39	13.91	56.59	13.44	52.57	12.54
	11	9.8	68.14	15.64	64.12	14.73	60.41	13.86	58.39	13.42	56.59	12.98	52.57	12.16
	13	11.8	68.14	15.09	64.12	14.23	60.41	13.38	58.39	12.96	56.59	12.56	52.57	11.76
	15	13.7	68.14	14.61	64.12	13.77	60.41	12.96	58.39	12.56	56.59	12.18	52.57	11.41
	19	14.2	68.14	14.19	64.12	13.11	60.41	12.57	58.39	12.18	56.59	11.72	52.57	10.91
	21	15	68.14	13.60	64.12	12.74	60.41	12.03	58.39	11.78	56.59	11.34	52.57	10.49
50	-14.7	-15	56.70	24.14	53.41	22.69	50.34	21.23	48.64	20.43	47.05	19.69	43.77	18.25
	-12.6	-13	56.70	22.69	53.41	21.23	50.34	19.77	48.64	19.10	47.05	18.41	43.77	17.09
	-10.5	-11	56.70	21.23	53.41	19.84	50.34	18.56	48.64	17.94	47.05	17.31	43.77	16.09
	-9.5	-10	56.70	20.52	53.41	19.24	50.34	18.01	48.64	17.41	47.05	16.81	43.77	15.62
	-8.5	-9.1	56.70	19.98	53.41	18.75	50.34	17.57	48.64	16.96	47.05	16.38	43.77	15.23
	-7	-7.6	56.70	19.14	53.41	17.98	50.34	16.83	48.64	16.26	47.05	15.74	43.77	14.65
	-5	-5.6	56.70	18.13	53.41	17.04	50.34	15.98	48.64	15.45	47.05	14.94	43.77	13.93
	-3	-3.7	56.70	17.26	53.41	16.24	50.34	15.25	48.64	14.75	47.05	14.27	43.77	13.32
	0	-0.7	56.70	16.09	53.41	15.15	50.34	14.23	48.64	13.79	47.05	13.34	43.77	12.46
	3	2.2	56.70	15.09	53.41	14.23	50.34	13.40	48.64	12.98	47.05	12.56	43.77	11.76
	5	4.1	56.70	14.53	53.41	13.71	50.34	12.91	48.64	12.51	47.05	12.07	43.77	11.34
	8.3	6.1	56.70	13.99	53.41	13.22	50.34	12.44	48.64	12.07	47.05	11.70	43.77	10.97
	9	7.9	56.70	13.51	53.41	12.76	50.34	12.03	48.64	11.67	47.05	11.32	43.77	10.61
	11	9.8	56.70	13.04	53.41	12.34	50.34	11.65	48.64	11.30	47.05	10.97	43.77	10.29
	13	11.8	56.70	12.63	53.41	11.94	50.34	11.27	48.64	10.95	47.05	10.61	43.77	9.97
	15	13.7	56.70	12.23	53.41	11.59	50.34	10.95	48.64	10.63	47.05	10.31	43.77	9.70
	19	14.2	56.70	11.85	53.41	11.13	50.34	10.56	48.64	10.16	47.05	9.95	43.77	9.27
	21	15	56.70	11.07	53.41	10.82	50.34	10.29	48.64	9.73	47.05	9.56	43.77	8.90

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 53. Heating capacity YV2VYT090KAS-D-X

YV2VYT090KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	61.38	17.38	61.38	18.43	61.38	19.43	61.38	19.95	61.38	20.47	61.38	21.50
	-12.6	-13	65.37	18.47	65.37	19.43	65.37	20.41	65.37	20.87	65.37	21.37	65.37	22.33
	-10.5	-11	69.56	19.41	69.56	20.34	69.56	21.24	69.56	21.70	69.56	22.15	69.56	23.00
	-9.5	-10	71.86	19.86	71.86	20.74	71.86	21.61	71.86	22.07	71.86	22.52	71.86	23.44
	-8.5	-9.1	73.54	20.21	73.54	21.11	73.54	21.96	73.54	22.39	73.54	22.76	73.54	23.68
	-7	-7.6	76.47	20.80	76.47	21.65	76.47	22.48	76.47	23.00	76.47	23.22	76.47	24.12
	-5	-5.6	80.66	21.50	80.66	22.28	80.66	23.00	80.66	23.44	80.66	23.90	80.66	24.57
	-3	-3.7	84.64	22.13	84.64	22.76	84.64	23.68	84.64	24.12	84.64	24.36	84.64	25.25
	0	-0.7	90.92	23.00	90.92	23.68	90.92	24.36	90.92	24.79	90.92	25.03	90.92	25.71
	3	2.2	96.79	23.68	96.79	24.36	96.79	25.03	96.79	25.25	96.79	25.71	96.79	26.38
	5	4.1	100.77	24.12	100.77	24.79	100.77	25.47	100.77	25.71	100.77	26.14	100.77	26.60
	8.3	6.1	104.75	24.57	104.75	25.25	104.75	25.71	104.75	26.14	104.75	26.38	104.75	27.06
	9	7.9	108.52	24.79	108.52	25.47	108.52	26.14	108.52	26.38	108.52	26.60	108.52	27.28
	11	9.8	112.50	25.25	112.50	25.71	112.50	26.38	112.50	26.60	112.50	27.06	112.50	27.50
	13	11.8	116.86	25.47	116.86	26.14	116.86	26.60	116.86	27.06	116.86	27.28	116.86	27.74
	15	13.7	120.67	25.93	120.46	26.38	120.46	26.82	120.46	27.28	120.46	27.50	118.58	27.50
	19	14.2	120.67	26.17	120.46	26.65	120.46	27.08	120.46	27.52	120.46	27.76	118.58	26.95
	21	15	120.67	26.36	120.46	26.91	120.46	27.34	120.46	27.67	120.46	27.32	118.58	26.67
120	-14.7	-15	61.38	18.77	61.38	19.73	61.38	20.67	61.38	21.15	61.38	21.61	61.38	22.55
	-12.6	-13	65.37	19.78	65.37	20.65	65.37	21.54	65.37	22.00	65.37	22.46	65.37	23.44
	-10.5	-11	69.56	20.65	69.56	21.48	69.56	22.33	69.56	22.76	69.56	23.22	69.56	24.12
	-9.5	-10	71.86	21.06	71.86	21.87	71.86	22.76	71.86	23.00	71.86	23.44	71.86	24.36
	-8.5	-9.1	73.54	21.39	73.54	22.18	73.54	23.00	73.54	23.44	73.54	23.90	73.54	24.57
	-7	-7.6	76.47	21.94	76.47	22.76	76.47	23.44	76.47	23.90	76.47	24.20	76.47	25.03
	-5	-5.6	80.66	22.55	80.66	23.22	80.66	24.12	80.66	24.36	80.66	24.86	80.66	25.47
	-3	-3.7	84.64	23.22	84.64	23.90	84.64	24.57	84.64	24.79	84.64	25.29	84.64	25.93
	0	-0.7	90.92	23.90	90.92	24.57	90.92	25.25	90.92	25.47	90.92	25.93	90.92	26.60
	3	2.2	96.79	24.57	96.79	25.25	96.79	25.93	96.79	26.14	96.79	26.38	96.79	27.06
	5	4.1	100.77	25.03	100.77	25.47	100.77	26.14	100.77	26.38	100.77	26.82	100.77	27.28
	8.3	6.1	104.75	25.25	104.75	25.93	104.75	26.60	104.75	26.82	104.75	27.06	104.75	27.74
	9	7.9	108.52	25.71	108.52	26.14	108.52	26.82	108.52	27.06	108.52	27.28	108.52	27.95
	11	9.8	112.50	25.93	112.50	26.60	112.50	27.06	112.50	27.28	112.50	27.50	109.57	27.06
	13	11.8	116.86	26.38	116.86	26.82	116.86	27.28	116.86	27.50	116.86	27.95	109.57	26.14
	15	13.7	120.46	26.60	120.46	27.06	120.46	27.50	120.46	27.74	117.53	27.28	109.57	25.03
	19	14.2	120.46	26.82	120.46	27.28	120.46	27.54	120.46	27.47	117.53	26.82	109.57	24.42
	21	15	120.46	27.10	120.46	27.50	120.46	27.69	120.46	27.26	117.53	25.99	109.57	23.99
110	-14.7	-15	61.38	20.15	61.38	21.04	61.38	21.87	61.38	22.33	61.38	22.76	61.38	23.68
	-12.6	-13	65.37	21.09	65.37	21.89	65.37	22.76	65.37	23.22	65.37	23.44	65.37	24.36
	-10.5	-11	69.56	21.87	69.56	22.55	69.56	23.44	69.56	23.90	69.56	24.12	69.56	25.03
	-9.5	-10	71.86	22.24	71.86	23.00	71.86	23.68	71.86	24.20	71.86	24.57	71.86	25.25
	-8.5	-9.1	73.54	22.55	73.54	23.22	73.54	24.12	73.54	24.42	73.54	24.79	73.54	25.47
	-7	-7.6	76.47	23.00	76.47	23.68	76.47	24.36	76.47	24.86	76.47	25.25	76.47	25.93
	-5	-5.6	80.66	23.68	80.66	24.36	80.66	25.03	80.66	25.29	80.66	25.71	80.66	26.38
	-3	-3.7	84.64	24.12	84.64	24.79	84.64	25.47	84.64	25.73	84.64	26.14	84.64	26.60
	0	-0.7	90.92	24.79	90.92	25.47	90.92	26.14	90.92	26.38	90.92	26.60	90.92	27.28
	3	2.2	96.79	25.47	96.79	26.14	96.79	26.60	96.79	26.82	96.79	27.28	96.79	27.74
	5	4.1	100.77	25.93	100.77	26.38	100.77	26.82	100.77	27.28	100.77	27.50	100.35	27.74
	8.3	6.1	104.75	26.14	104.75	26.60	104.75	27.28	104.75	27.50	104.75	27.74	100.35	26.60
	9	7.9	108.52	26.60	108.52	27.06	108.52	27.50	108.52	27.74	107.69	27.74	100.35	25.47
	11	9.8	112.50	26.82	112.50	27.28	112.50	27.74	111.46	27.74	107.69	26.60	100.35	24.57
	13	11.8	116.86	27.06	116.86	27.50	115.23	27.50	111.46	26.60	107.69	25.47	100.35	23.68
	15	13.7	120.67	27.28	120.67	27.74	115.23	26.60	111.46	25.71	107.69	24.57	100.35	22.76
	19	14.2	120.67	25.49	120.67	27.47	115.23	25.73	111.46	24.66	107.69	23.75	100.35	22.02
	21	15	120.67	25.71	120.67	26.67	115.23	24.36	111.46	23.92	107.69	23.09	100.35	21.70

To be continued

Continued

YV2VYT090KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	61.38	21.54	61.38	22.35	61.38	23.22	61.38	23.44	61.38	23.90	61.38	24.79
	-12.6	-13	65.37	22.39	65.37	23.22	65.37	23.90	65.37	24.12	65.37	24.57	65.37	25.25
	-10.5	-11	69.56	23.22	69.56	23.90	69.56	24.57	69.56	24.79	69.56	25.25	69.56	25.93
	-9.5	-10	71.86	23.44	71.86	24.12	71.86	24.79	71.86	25.25	71.86	25.47	71.86	26.14
	-8.5	-9.1	73.54	23.68	73.54	24.36	73.54	25.03	73.54	25.47	73.54	25.71	73.54	26.38
	-7	-7.6	76.47	24.12	76.47	24.79	76.47	25.47	76.47	25.71	76.47	26.14	76.47	26.82
	-5	-5.6	80.66	24.79	80.66	25.25	80.66	25.93	80.66	26.14	80.66	26.60	80.66	27.06
	-3	-3.7	84.64	25.25	84.64	25.71	84.64	26.38	84.64	26.60	84.64	26.82	84.64	27.50
	0	-0.7	90.92	25.93	90.92	26.38	90.92	26.82	90.92	27.28	90.92	27.50	90.92	27.95
	3	2.2	96.79	26.38	96.79	26.82	96.79	27.50	96.79	27.74	96.79	27.95	91.34	26.14
	5	4.1	100.77	26.60	100.77	27.28	100.77	27.74	100.77	27.95	100.77	27.06	91.34	25.03
	8.3	6.1	104.75	27.06	104.75	27.50	104.75	29.44	101.40	26.82	98.05	25.93	91.34	23.90
	9	7.9	108.52	27.28	108.52	27.74	104.75	26.82	101.40	25.93	98.05	24.79	91.34	23.00
	11	9.8	112.50	27.50	111.46	27.74	104.75	25.71	101.40	24.79	98.05	23.90	91.34	22.11
	13	11.8	116.86	27.74	111.46	26.60	104.75	24.79	101.40	23.90	98.05	23.00	91.34	21.28
	15	13.7	118.16	27.28	111.46	25.71	104.75	23.90	101.40	23.00	98.05	22.18	91.34	20.54
	19	14.2	118.16	26.56	111.46	24.81	104.75	23.31	101.40	22.04	98.05	21.33	91.34	20.00
	21	15	118.16	25.71	111.46	23.75	104.75	22.42	101.40	21.70	98.05	20.69	91.34	19.54
90	-14.7	-15	61.38	23.00	61.38	23.68	61.38	24.36	61.38	24.79	61.38	25.03	61.38	25.71
	-12.6	-13	65.37	23.68	65.37	24.36	65.37	25.03	65.37	25.25	65.37	25.71	65.37	26.38
	-10.5	-11	69.56	24.36	69.56	25.03	69.56	25.71	69.56	25.93	69.56	26.14	69.56	26.82
	-9.5	-10	71.86	24.57	71.86	25.25	71.86	25.93	71.86	26.14	71.86	26.38	71.86	27.06
	-8.5	-9.1	73.54	24.79	73.54	25.47	73.54	26.14	73.54	26.38	73.54	26.60	73.54	27.28
	-7	-7.6	76.47	25.25	76.47	25.93	76.47	26.38	76.47	26.82	76.47	27.06	76.47	27.50
	-5	-5.6	80.66	25.71	80.66	26.38	80.66	26.82	80.66	27.06	80.66	27.50	80.66	27.95
	-3	-3.7	84.64	26.14	84.64	26.82	84.64	27.28	84.64	27.50	84.64	27.74	82.13	26.82
	0	-0.7	90.92	26.82	90.92	27.28	90.92	27.74	90.92	27.95	88.20	26.82	82.13	24.79
	3	2.2	96.79	27.28	96.79	27.74	94.28	27.06	91.13	26.14	88.20	25.03	82.13	23.22
	5	4.1	100.77	27.50	100.14	27.74	94.28	25.93	91.13	25.03	88.20	23.90	82.13	22.18
	8.3	6.1	104.75	27.74	100.14	26.60	94.28	24.79	91.13	23.90	88.20	23.00	82.13	21.30
	9	7.9	106.43	27.28	100.14	25.47	94.28	23.90	91.13	23.00	88.20	22.13	82.13	20.50
	11	9.8	106.43	26.14	100.14	24.57	94.28	23.00	91.13	22.09	88.20	21.30	82.13	19.76
	13	11.8	106.43	25.25	100.14	23.68	94.28	22.02	91.13	21.26	88.20	20.52	82.13	19.04
	15	13.7	106.43	24.36	100.14	22.76	94.28	21.26	91.13	20.54	88.20	19.82	82.13	18.38
	19	14.2	106.43	23.75	100.14	22.13	94.28	20.58	91.13	19.93	88.20	19.10	82.13	17.71
	21	15	106.43	22.87	100.14	21.30	94.28	20.21	91.13	19.28	88.20	18.43	82.13	16.99
80	-14.7	-15	61.38	24.36	61.38	25.03	61.38	25.71	61.38	25.93	61.38	26.14	61.38	26.82
	-12.6	-13	65.37	25.03	65.37	25.47	65.37	26.14	65.37	26.38	65.37	26.82	65.37	27.28
	-10.5	-11	69.56	25.47	69.56	26.14	69.56	26.60	69.56	27.06	69.56	27.28	69.56	27.74
	-9.5	-10	71.86	25.93	71.86	26.38	71.86	26.82	71.86	27.28	71.86	27.50	71.86	27.95
	-8.5	-9.1	73.54	26.14	73.54	26.60	73.54	27.06	73.54	27.50	73.54	27.74	72.91	27.50
	-7	-7.6	76.47	26.38	76.47	26.82	76.47	27.50	76.47	27.74	76.47	27.95	72.91	26.14
	-5	-5.6	80.66	26.82	80.66	27.28	80.66	27.74	80.87	27.95	78.35	26.82	72.91	24.79
	-3	-3.7	84.64	27.28	84.64	27.74	83.80	27.50	80.87	26.38	78.35	25.47	72.91	23.44
	0	-0.7	90.92	27.74	89.04	27.28	83.80	25.47	80.87	24.57	78.35	23.44	72.91	21.78
	3	2.2	94.49	27.06	89.04	25.47	83.80	23.68	80.87	22.76	78.35	22.00	72.91	20.39
	5	4.1	94.49	25.93	89.04	24.36	83.80	22.76	80.87	21.87	78.35	21.09	72.91	19.54
	8.3	6.1	94.49	24.79	89.04	23.22	83.80	21.76	80.87	21.02	78.35	20.26	72.91	18.80
	9	7.9	94.49	23.90	89.04	22.39	83.80	20.91	80.87	20.19	78.35	19.49	72.91	18.10
	11	9.8	94.49	23.00	89.04	21.54	83.80	20.15	80.87	19.47	78.35	18.80	72.91	17.44
	13	11.8	94.49	22.11	89.04	20.74	83.80	19.41	80.87	18.75	78.35	18.10	72.91	16.83
	15	13.7	94.49	21.35	89.04	19.84	83.80	18.75	80.87	18.12	78.35	17.51	72.91	16.29
	19	14.2	94.49	20.61	89.04	19.49	83.80	18.01	80.87	17.44	78.35	16.77	72.91	15.90
	21	15	94.49	20.02	89.04	18.64	83.80	17.53	80.87	16.90	78.35	16.20	72.91	15.05

To be continued

Continued

YV2VYT090KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	61.38	25.71	61.38	26.38	61.38	26.82	61.38	27.06	61.38	27.28	61.38	27.95
	-12.6	-13	65.37	26.38	65.37	26.82	65.37	27.28	65.37	27.50	65.37	27.95	63.90	26.82
	-10.5	-11	69.56	26.82	69.56	27.28	69.56	27.74	69.56	27.95	68.51	27.06	63.90	25.03
	-9.5	-10	71.86	27.06	71.86	27.50	71.86	27.95	70.81	27.28	68.51	26.14	63.90	24.12
	-8.5	-9.1	73.54	27.28	73.54	27.74	73.33	27.50	70.81	26.60	68.51	25.47	63.90	23.68
	-7	-7.6	76.47	27.50	76.47	27.95	73.33	26.38	70.81	25.25	68.51	24.36	63.90	22.55
	-5	-5.6	80.66	27.95	77.94	26.60	73.33	24.79	70.81	23.90	68.51	23.00	63.90	21.35
	-3	-3.7	82.54	27.06	77.94	25.25	73.33	23.68	70.81	22.76	68.51	21.94	63.90	20.32
	0	-0.7	82.54	25.03	77.94	23.44	73.33	21.89	70.81	21.13	68.51	20.37	63.90	18.88
	3	2.2	82.54	23.44	77.94	21.89	73.33	20.45	70.81	19.76	68.51	19.08	63.90	17.71
	5	4.1	82.54	22.37	77.94	21.00	73.33	19.65	70.81	18.95	68.51	18.32	63.90	17.03
	8.3	6.1	82.54	21.46	77.94	20.15	73.33	18.86	70.81	18.23	68.51	17.60	63.90	16.40
	9	7.9	82.54	20.65	77.94	19.38	73.33	18.16	70.81	17.55	68.51	16.99	63.90	15.81
	11	9.8	82.54	19.89	77.94	18.69	73.33	17.53	70.81	16.94	68.51	16.24	63.90	15.26
	13	11.8	82.54	19.17	77.94	18.01	73.33	16.90	70.81	16.38	68.51	15.81	63.90	14.74
	15	13.7	82.54	18.51	77.94	17.42	73.33	16.38	70.81	15.83	68.51	15.31	63.90	14.28
	19	14.2	82.54	17.57	77.94	16.94	73.33	15.92	70.81	15.09	68.51	14.43	63.90	13.69
	21	15	82.54	16.94	77.94	16.11	73.33	15.20	70.81	14.39	68.51	13.72	63.90	12.95
60	-14.7	-15	61.38	27.06	61.38	27.50	61.38	27.95	60.76	27.06	58.87	26.14	54.68	24.12
	-12.6	-13	65.37	27.50	65.37	27.95	62.85	26.14	60.76	25.25	58.87	24.36	54.68	22.50
	-10.5	-11	69.56	27.95	66.62	26.38	62.85	24.57	60.76	23.68	58.87	22.76	54.68	21.11
	-9.5	-10	70.81	27.28	66.62	25.47	62.85	23.90	60.76	23.00	58.87	22.11	54.68	20.47
	-8.5	-9.1	70.81	26.60	66.62	24.79	62.85	23.22	60.76	22.35	58.87	21.52	54.68	19.95
	-7	-7.6	70.81	25.25	66.62	23.68	62.85	22.15	60.76	21.37	58.87	20.63	54.68	19.12
	-5	-5.6	70.81	23.90	66.62	22.44	62.85	20.98	60.76	20.23	58.87	19.52	54.68	18.12
	-3	-3.7	70.81	22.76	66.62	21.33	62.85	19.95	60.76	19.28	58.87	18.60	54.68	17.29
	0	-0.7	70.81	21.11	66.62	19.82	62.85	18.56	60.76	17.95	58.87	17.33	54.68	16.11
	3	2.2	70.81	19.76	66.62	18.56	62.85	17.40	60.76	16.83	58.87	16.27	54.68	15.18
	5	4.1	70.81	18.95	66.62	17.84	62.85	16.72	60.76	16.18	58.87	15.66	54.68	14.59
	8.3	6.1	70.81	18.21	66.62	17.16	62.85	16.11	60.76	15.59	58.87	15.09	54.68	14.06
	9	7.9	70.81	17.55	66.62	16.55	62.85	15.53	60.76	15.07	58.87	14.57	54.68	13.58
	11	9.8	70.81	16.94	66.62	15.96	62.85	15.02	60.76	14.54	58.87	14.06	54.68	13.17
	13	11.8	70.81	16.35	66.62	15.42	62.85	14.50	60.76	14.04	58.87	13.61	54.68	12.73
	15	13.7	70.81	15.83	66.62	14.91	62.85	14.04	60.76	13.61	58.87	13.19	54.68	12.36
	19	14.2	70.81	15.37	66.62	14.19	62.85	13.63	60.76	13.19	58.87	12.69	54.68	11.82
	21	15	70.81	14.74	66.62	13.80	62.85	13.04	60.76	12.76	58.87	12.28	54.68	11.36
50	-14.7	-15	59.08	26.14	55.52	24.57	52.38	23.00	50.70	22.13	49.02	21.33	45.46	19.78
	-12.6	-13	59.08	24.57	55.52	23.00	52.38	21.41	50.70	20.69	49.02	19.95	45.46	18.51
	-10.5	-11	59.08	23.00	55.52	21.50	52.38	20.10	50.70	19.43	49.02	18.75	45.46	17.42
	-9.5	-10	59.08	22.22	55.52	20.85	52.38	19.52	50.70	18.86	49.02	18.21	45.46	16.92
	-8.5	-9.1	59.08	21.65	55.52	20.32	52.38	19.04	50.70	18.38	49.02	17.75	45.46	16.51
	-7	-7.6	59.08	20.74	55.52	19.47	52.38	18.23	50.70	17.62	49.02	17.05	45.46	15.87
	-5	-5.6	59.08	19.65	55.52	18.47	52.38	17.31	50.70	16.75	49.02	16.18	45.46	15.09
	-3	-3.7	59.08	18.71	55.52	17.60	52.38	16.53	50.70	15.98	49.02	15.46	45.46	14.43
	0	-0.7	59.08	17.42	55.52	16.42	52.38	15.42	50.70	14.94	49.02	14.46	45.46	13.50
	3	2.2	59.08	16.35	55.52	15.42	52.38	14.52	50.70	14.06	49.02	13.61	45.46	12.73
	5	4.1	59.08	15.74	55.52	14.85	52.38	13.98	50.70	13.54	49.02	13.28	45.46	12.28
	8.3	6.1	59.08	15.15	55.52	14.33	52.38	13.48	50.70	13.08	49.02	12.67	45.46	11.88
	9	7.9	59.08	14.63	55.52	13.82	52.38	13.04	50.70	12.65	49.02	12.25	45.46	11.49
	11	9.8	59.08	14.13	55.52	13.37	52.38	12.63	50.70	12.23	49.02	11.88	45.46	11.14
	13	11.8	59.08	13.69	55.52	12.93	52.38	12.21	50.70	11.86	49.02	11.49	45.46	10.79
	15	13.7	59.08	13.26	55.52	12.56	52.38	11.86	50.70	11.51	49.02	11.16	45.46	10.51
	19	14.2	59.08	12.84	55.52	12.06	52.38	11.45	50.70	11.01	49.02	10.77	45.46	10.05
	21	15	59.08	11.99	55.52	11.73	52.38	11.14	50.70	10.53	49.02	10.36	45.46	9.64

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 54. Heating capacity YV2VYT100KAS-D-X

YV2VYT100KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	72.00	17.74	72.00	18.78	72.00	19.83	71.78	20.35	71.78	20.89	71.78	21.93
	-12.6	-13	75.87	18.82	75.87	19.83	75.87	20.82	75.87	21.29	75.87	21.80	75.87	22.76
	-10.5	-11	80.16	19.79	80.16	20.74	80.16	21.65	80.16	22.12	80.16	22.61	80.16	23.47
	-9.5	-10	82.53	20.26	82.53	21.15	82.53	22.04	82.53	22.51	82.53	22.97	82.53	23.90
	-8.5	-9.1	84.36	20.64	84.36	21.53	84.36	22.40	84.36	22.83	84.36	23.22	84.36	24.15
	-7	-7.6	87.69	21.22	87.69	22.08	87.69	22.93	87.69	23.47	87.69	23.69	87.69	24.61
	-5	-5.6	91.77	21.93	91.77	22.75	91.77	23.47	91.77	23.90	91.77	24.37	91.77	25.08
	-3	-3.7	95.64	22.58	95.64	23.22	95.64	24.15	95.64	24.61	95.64	24.83	95.64	25.76
	0	-0.7	102.08	23.47	102.08	24.15	102.08	24.83	102.08	25.30	102.08	25.51	102.08	26.22
	3	2.2	107.78	24.15	107.78	24.83	107.78	25.51	107.78	25.76	107.78	26.22	107.78	26.91
	5	4.1	112.08	24.61	112.08	25.30	112.08	25.98	112.08	26.22	112.08	26.69	112.08	27.12
	8.3	6.1	116.05	25.08	116.05	25.76	116.05	26.22	116.05	26.69	116.05	26.91	116.05	27.59
	9	7.9	120.14	25.30	119.92	25.98	119.92	26.69	119.92	26.91	119.92	27.12	119.92	27.83
	11	9.8	124.01	25.76	124.01	26.22	124.01	26.91	124.01	27.12	124.01	27.59	124.01	28.05
	13	11.8	127.23	25.98	127.23	26.69	127.23	27.12	127.23	27.59	127.23	27.83	127.23	28.30
	15	13.7	132.17	26.44	132.17	26.91	132.17	27.37	132.17	27.83	132.17	28.05	131.53	28.05
	19	14.2	132.17	26.69	132.17	27.19	132.17	27.62	132.17	28.06	132.17	28.31	131.53	27.50
	21	15	132.17	26.87	132.17	27.45	132.17	27.88	132.17	28.23	132.17	27.87	131.53	27.23
120	-14.7	-15	72.00	19.14	71.78	20.11	71.78	21.07	71.78	21.57	71.78	22.04	71.78	23.00
	-12.6	-13	75.87	20.18	75.87	21.07	75.87	21.97	75.87	22.44	75.87	22.90	75.87	23.90
	-10.5	-11	80.16	21.07	80.16	21.92	80.16	22.76	80.16	23.22	80.16	23.69	80.16	24.61
	-9.5	-10	82.53	21.48	82.53	22.29	82.53	23.22	82.53	23.47	82.53	23.90	82.53	24.83
	-8.5	-9.1	84.36	21.83	84.36	22.62	84.36	23.47	84.36	23.90	84.36	24.37	84.36	25.08
	-7	-7.6	87.69	22.36	87.69	23.22	87.69	23.90	87.69	24.37	87.69	24.62	87.69	25.51
	-5	-5.6	91.77	23.00	91.77	23.69	91.77	24.61	91.77	24.83	91.77	25.33	91.77	25.98
	-3	-3.7	95.64	23.69	95.64	24.37	95.64	25.08	95.64	25.30	95.64	25.80	95.64	26.44
	0	-0.7	102.08	24.37	102.08	25.08	102.08	25.76	102.08	25.98	102.08	26.44	102.08	27.12
	3	2.2	107.78	25.08	107.78	25.76	107.78	26.44	107.78	26.69	107.78	26.91	107.78	27.59
	5	4.1	112.08	25.51	112.08	25.98	112.08	26.69	112.08	26.91	112.08	27.37	112.08	27.83
	8.3	6.1	116.05	25.76	116.05	26.44	116.05	27.12	116.05	27.37	116.05	27.59	116.05	28.30
	9	7.9	119.92	26.22	119.92	26.69	119.92	27.37	119.92	27.59	119.92	27.83	119.92	28.52
	11	9.8	124.01	26.44	124.01	27.12	124.01	27.59	124.01	27.83	124.01	28.05	121.32	27.59
	13	11.8	127.23	26.91	127.23	27.37	127.23	27.83	127.23	28.05	127.23	28.52	121.32	26.69
	15	13.7	132.17	27.12	132.17	27.59	132.17	28.05	132.17	28.30	130.99	27.83	121.32	25.51
	19	14.2	132.17	27.36	132.17	27.83	132.17	28.08	132.17	28.02	130.99	27.36	121.32	24.90
	21	15	132.17	27.65	132.17	28.05	132.17	28.26	132.17	27.80	130.99	26.51	121.32	24.47
110	-14.7	-15	71.78	20.57	71.78	21.47	71.78	22.29	71.78	22.76	71.78	23.22	71.78	24.15
	-12.6	-13	75.87	21.50	75.87	22.32	75.87	23.22	75.87	23.69	75.87	23.90	75.87	24.83
	-10.5	-11	80.16	22.29	80.16	23.00	80.16	23.90	80.16	24.37	80.16	24.61	80.16	25.51
	-9.5	-10	82.53	22.68	82.53	23.47	82.53	24.15	82.53	24.62	82.53	25.08	82.53	25.76
	-8.5	-9.1	84.36	23.00	84.36	23.69	84.36	24.61	84.36	24.85	84.36	25.30	84.36	25.98
	-7	-7.6	87.69	23.47	87.69	24.15	87.69	24.83	87.69	25.33	87.69	25.76	87.69	26.44
	-5	-5.6	91.77	24.15	91.77	24.83	91.77	25.51	91.77	25.80	91.77	26.22	91.77	26.91
	-3	-3.7	95.64	24.61	95.64	25.30	95.64	25.98	95.64	26.17	95.64	26.69	95.64	27.12
	0	-0.7	102.08	25.30	101.87	25.98	101.87	26.69	101.87	26.88	101.87	27.12	101.87	27.83
	3	2.2	107.78	25.98	107.78	26.69	107.78	27.12	107.78	27.37	107.78	27.83	107.78	28.30
	5	4.1	112.08	26.44	112.08	26.91	112.08	27.37	112.08	27.83	112.08	28.05	111.33	28.30
	8.3	6.1	116.05	26.69	116.05	27.12	116.05	27.83	116.05	28.05	116.05	28.30	111.33	27.12
	9	7.9	119.92	27.12	119.92	27.59	119.92	28.05	119.92	28.30	119.17	28.30	111.33	25.98
	11	9.8	124.01	27.37	124.01	27.83	124.01	28.30	123.47	28.30	119.17	27.12	111.33	25.08
	13	11.8	127.23	27.59	127.23	28.05	127.87	28.05	123.47	27.12	119.17	25.98	111.33	24.15
	15	13.7	132.17	27.83	132.17	28.30	127.87	27.12	123.47	26.22	119.17	25.08	111.33	23.22
	19	14.2	132.17	26.01	132.17	28.02	127.87	26.26	123.47	25.15	119.17	24.22	111.33	22.47
	21	15	132.17	26.22	132.17	27.23	127.87	24.86	123.47	24.40	119.17	23.54	111.33	22.15

To be continued

Continued

YV2VYT100KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	71.78	21.97	71.78	22.79	71.78	23.69	71.78	23.90	71.78	24.37	71.78	25.30
	-12.6	-13	75.87	22.83	75.87	23.69	75.87	24.37	75.87	24.61	75.87	25.08	75.87	25.76
	-10.5	-11	80.16	23.69	80.16	24.37	80.16	25.08	80.16	25.30	80.16	25.76	80.16	26.44
	-9.5	-10	82.53	23.90	82.53	24.61	82.53	25.30	82.53	25.76	82.53	25.98	82.53	26.69
	-8.5	-9.1	84.36	24.15	84.36	24.83	84.36	25.51	84.36	26.03	84.36	26.22	84.36	26.91
	-7	-7.6	87.69	24.61	87.69	25.30	87.69	25.98	87.69	26.17	87.69	26.69	87.69	27.37
	-5	-5.6	91.77	25.30	91.77	25.76	91.77	26.44	91.77	26.65	91.77	27.12	91.77	27.59
	-3	-3.7	95.64	25.76	95.64	26.22	95.64	26.91	95.64	27.10	95.64	27.37	95.64	28.05
	0	-0.7	101.87	26.44	101.87	26.91	101.87	27.37	101.87	27.82	101.87	28.05	101.33	28.52
	3	2.2	107.78	26.91	107.78	27.37	107.78	28.05	107.78	28.30	107.78	28.52	101.33	26.69
	5	4.1	112.08	27.12	112.08	27.83	112.08	28.30	112.08	28.52	108.64	27.59	101.33	25.51
	8.3	6.1	116.05	27.59	116.05	28.05	116.05	28.42	112.40	27.37	108.64	26.44	101.33	24.37
	9	7.9	119.92	27.83	119.92	28.30	116.05	27.37	112.40	26.44	108.64	25.30	101.33	23.47
	11	9.8	124.01	28.05	123.47	28.30	116.05	26.22	112.40	25.30	108.64	24.37	101.33	22.57
	13	11.8	127.23	28.30	123.47	27.12	116.05	25.30	112.40	24.37	108.64	23.47	101.33	21.71
	15	13.7	130.78	27.83	123.47	26.22	116.05	24.37	112.40	23.47	108.64	22.62	101.33	20.96
	19	14.2	130.78	27.09	123.47	25.33	116.05	23.76	112.40	22.48	108.64	21.76	101.33	20.39
	21	15	130.78	26.22	123.47	24.22	116.05	22.87	112.40	22.15	108.64	21.11	101.33	19.93
90	-14.7	-15	71.78	23.47	71.78	24.15	71.78	24.83	71.78	25.30	71.78	25.51	71.78	26.22
	-12.6	-13	75.87	24.15	75.87	24.83	75.87	25.51	75.87	25.76	75.87	26.22	75.87	26.91
	-10.5	-11	80.16	24.83	80.16	25.51	80.16	26.22	80.16	26.44	80.16	26.69	80.16	27.37
	-9.5	-10	82.53	25.08	82.53	25.76	82.53	26.44	82.53	26.69	82.53	26.91	82.53	27.59
	-8.5	-9.1	84.36	25.30	84.36	25.98	84.36	26.69	84.36	26.91	84.36	27.12	84.36	27.83
	-7	-7.6	87.69	25.76	87.69	26.44	87.69	26.91	87.69	27.37	87.69	27.59	87.47	28.05
	-5	-5.6	91.77	26.22	91.77	26.91	91.77	27.37	91.77	27.59	91.77	28.05	90.48	28.52
	-3	-3.7	95.64	26.69	95.64	27.37	95.64	27.83	95.64	28.05	95.64	28.30	90.69	27.37
	0	-0.7	101.87	27.37	101.87	27.83	101.87	28.30	100.69	28.52	97.57	27.37	90.69	25.30
	3	2.2	107.78	27.83	107.78	28.30	104.45	27.59	100.69	26.69	97.57	25.51	90.69	23.69
	5	4.1	112.08	28.05	111.54	28.30	104.45	26.44	100.69	25.51	97.57	24.37	90.69	22.62
	8.3	6.1	116.05	28.30	111.54	27.12	104.45	25.30	100.69	24.37	97.57	23.47	90.69	21.72
	9	7.9	117.99	27.83	111.54	25.98	104.45	24.37	100.69	23.47	97.57	22.58	90.69	20.90
	11	9.8	117.99	26.69	111.54	25.08	104.45	23.47	100.69	22.54	97.57	21.72	90.69	20.15
	13	11.8	117.99	25.76	111.54	24.15	104.45	22.47	100.69	21.68	97.57	20.93	90.69	19.40
	15	13.7	117.99	24.83	111.54	23.22	104.45	21.68	100.69	20.96	97.57	20.22	90.69	18.74
	19	14.2	117.99	24.22	111.54	22.57	104.45	21.00	100.69	20.32	97.57	19.50	90.69	18.07
	21	15	117.99	23.33	111.54	21.72	104.45	20.61	100.69	19.65	97.57	18.79	90.69	17.33
80	-14.7	-15	71.78	24.83	71.78	25.51	71.78	26.22	71.78	26.44	71.78	26.69	71.78	27.37
	-12.6	-13	75.87	25.51	75.87	25.98	75.87	26.69	75.87	26.91	75.87	27.37	75.87	27.83
	-10.5	-11	80.16	25.98	80.16	26.69	80.16	27.12	80.16	27.59	80.16	27.83	79.73	28.30
	-9.5	-10	82.53	26.44	82.53	26.91	82.53	27.37	82.53	27.83	82.53	28.05	80.81	28.52
	-8.5	-9.1	84.36	26.69	84.36	27.12	84.36	27.59	84.36	28.05	84.36	28.30	80.92	28.05
	-7	-7.6	87.69	26.91	87.69	27.37	87.47	28.05	87.47	28.30	86.40	28.52	80.92	26.69
	-5	-5.6	91.77	27.37	91.77	27.83	91.77	28.30	89.62	28.52	86.93	27.37	80.92	25.30
	-3	-3.7	95.64	27.83	95.64	28.30	92.84	28.05	89.62	26.91	86.93	25.98	80.92	23.90
	0	-0.7	101.87	28.30	98.75	27.83	92.84	25.98	89.62	25.08	86.93	23.90	80.92	22.22
	3	2.2	104.56	27.59	98.75	25.98	92.84	24.15	89.62	23.22	86.93	22.44	80.92	20.79
	5	4.1	104.56	26.44	98.75	24.83	92.84	23.22	89.62	22.29	86.93	21.50	80.92	19.93
	8.3	6.1	104.56	25.30	98.75	23.69	92.84	22.19	89.62	21.44	86.93	20.68	80.92	19.18
	9	7.9	104.56	24.37	98.75	22.83	92.84	21.33	89.62	20.61	86.93	19.89	80.92	18.46
	11	9.8	104.56	23.47	98.75	21.97	92.84	20.57	89.62	19.87	86.93	19.18	80.92	17.79
	13	11.8	104.56	22.57	98.75	21.15	92.84	19.79	89.62	19.13	86.93	18.46	80.92	17.17
	15	13.7	104.56	21.79	98.75	20.25	92.84	19.13	89.62	18.49	86.93	17.86	80.92	16.64
	19	14.2	104.56	21.03	98.75	19.89	92.84	18.36	89.62	17.81	86.93	17.10	80.92	16.21
	21	15	104.56	20.43	98.75	19.03	92.84	17.89	89.62	17.24	86.93	16.52	80.92	15.36

To be continued

Continued

YV2VYT100KAS-D-X		Heating Capacity											
Capacity Factor (%)	Outdoor Temp.	Indoor Temp. (°C DB)											
		16		18		20		21.1		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB / °C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7 / -15	71.78	26.22	71.78	26.91	71.78	27.37	71.78	27.59	71.78	27.83	70.06	28.52
	-12.6 / -13	75.87	26.91	75.87	27.37	75.87	27.83	75.87	28.05	74.79	28.52	70.71	27.37
	-10.5 / -11	80.16	27.37	80.16	27.83	79.95	28.30	78.23	28.52	75.97	27.59	70.71	25.51
	-9.5 / -10	82.53	27.59	82.53	28.05	81.02	28.52	78.55	27.83	75.97	26.69	70.71	24.61
	-8.5 / -9.1	84.36	27.83	84.36	28.30	81.45	28.05	78.55	27.12	75.97	25.98	70.71	24.15
	-7 / -7.6	87.47	28.05	86.18	28.52	81.45	26.91	78.55	25.76	75.97	24.83	70.71	23.00
	-5 / -5.6	91.12	28.52	86.50	27.12	81.45	25.30	78.55	24.37	75.97	23.47	70.71	21.79
	-3 / -3.7	91.77	27.59	86.50	25.76	81.45	24.15	78.55	23.22	75.97	22.36	70.71	20.71
	0 / -0.7	91.77	25.51	86.50	23.90	81.45	22.32	78.55	21.54	75.97	20.75	70.71	19.28
	3 / 2.2	91.77	23.90	86.50	22.32	81.45	20.86	78.55	20.15	75.97	19.46	70.71	18.06
	5 / 4.1	91.77	22.82	86.50	21.40	81.45	20.03	78.55	19.35	75.97	18.68	70.71	17.36
	8.3 / 6.1	91.77	21.89	86.50	20.57	81.45	19.25	78.55	18.61	75.97	17.96	70.71	16.71
	9 / 7.9	91.77	21.07	86.50	19.78	81.45	18.54	78.55	17.92	75.97	17.32	70.71	16.13
	11 / 9.8	91.77	20.28	86.50	19.07	81.45	17.89	78.55	17.29	75.97	16.57	70.71	15.56
	13 / 11.8	91.77	19.54	86.50	18.38	81.45	17.25	78.55	16.70	75.97	16.13	70.71	15.04
	15 / 13.7	91.77	18.89	86.50	17.78	81.45	16.70	78.55	16.14	75.97	15.60	70.71	14.57
	19 / 14.2	91.77	17.93	86.50	17.29	81.45	16.23	78.55	15.39	75.97	14.74	70.71	13.98
	21 / 15	91.77	17.29	86.50	16.43	81.45	15.49	78.55	14.68	75.97	13.99	70.71	13.21
60	-14.7 / -15	71.78	27.59	71.78	28.05	69.42	28.52	67.38	27.59	65.23	26.69	60.71	24.61
	-12.6 / -13	75.87	28.05	73.72	28.52	69.63	26.69	67.38	25.76	65.23	24.83	60.71	22.94
	-10.5 / -11	78.23	28.52	74.04	26.91	69.63	25.08	67.38	24.15	65.23	23.22	60.71	21.53
	-9.5 / -10	78.55	27.83	74.04	25.98	69.63	24.37	67.38	23.47	65.23	22.57	60.71	20.89
	-8.5 / -9.1	78.55	27.12	74.04	25.30	69.63	23.69	67.38	22.79	65.23	21.96	60.71	20.35
	-7 / -7.6	78.55	25.76	74.04	24.15	69.63	22.61	67.38	21.80	65.23	21.04	60.71	19.50
	-5 / -5.6	78.55	24.37	74.04	22.89	69.63	21.39	67.38	20.65	65.23	19.92	60.71	18.49
	-3 / -3.7	78.55	23.22	74.04	21.76	69.63	20.35	67.38	19.67	65.23	18.97	60.71	17.64
	0 / -0.7	78.55	21.53	74.04	20.22	69.63	18.93	67.38	18.31	65.23	17.68	60.71	16.45
	3 / 2.2	78.55	20.15	74.04	18.93	69.63	17.75	67.38	17.17	65.23	16.61	60.71	15.48
	5 / 4.1	78.55	19.35	74.04	18.18	69.63	17.07	67.38	16.50	65.23	15.96	60.71	14.88
	8.3 / 6.1	78.55	18.58	74.04	17.49	69.63	16.45	67.38	15.91	65.23	15.39	60.71	14.35
	9 / 7.9	78.55	17.92	74.04	16.88	69.63	15.85	67.38	15.36	65.23	14.85	60.71	13.87
	11 / 9.8	78.55	17.29	74.04	16.28	69.63	15.32	67.38	14.84	65.23	14.35	60.71	13.43
	13 / 11.8	78.55	16.67	74.04	15.74	69.63	14.78	67.38	14.31	65.23	13.88	60.71	12.99
	15 / 13.7	78.55	16.14	74.04	15.21	69.63	14.31	67.38	13.88	65.23	13.46	60.71	12.60
	19 / 14.2	78.55	15.68	74.04	14.49	69.63	13.88	67.38	13.46	65.23	12.95	60.71	12.05
	21 / 15	78.55	15.03	74.04	14.07	69.63	13.30	67.38	13.02	65.23	12.53	60.71	11.59
50	-14.7 / -15	65.44	26.69	61.79	25.08	58.13	23.47	55.99	22.58	54.16	21.76	50.50	20.18
	-12.6 / -13	65.44	25.08	61.79	23.47	58.13	21.86	55.99	21.11	54.16	20.35	50.50	18.89
	-10.5 / -11	65.44	23.47	61.79	21.93	58.13	20.51	55.99	19.83	54.16	19.13	50.50	17.78
	-9.5 / -10	65.44	22.68	61.79	21.28	58.13	19.92	55.99	19.25	54.16	18.58	50.50	17.28
	-8.5 / -9.1	65.44	22.08	61.79	20.71	58.13	19.40	55.99	18.74	54.16	18.10	50.50	16.82
	-7 / -7.6	65.44	21.15	61.79	19.87	58.13	18.61	55.99	17.99	54.16	17.39	50.50	16.18
	-5 / -5.6	65.44	20.03	61.79	18.82	58.13	17.67	55.99	17.09	54.16	16.50	50.50	15.39
	-3 / -3.7	65.44	19.07	61.79	17.96	58.13	16.85	55.99	16.31	54.16	15.78	50.50	14.71
	0 / -0.7	65.44	17.78	61.79	16.74	58.13	15.74	55.99	15.24	54.16	14.74	50.50	13.78
	3 / 2.2	65.44	16.67	61.79	15.74	58.13	14.81	55.99	14.35	54.16	13.88	50.50	12.99
	5 / 4.1	65.44	16.06	61.79	15.16	58.13	14.27	55.99	13.82	54.16	13.12	50.50	12.53
	8.3 / 6.1	65.44	15.46	61.79	14.60	58.13	13.75	55.99	13.34	54.16	12.92	50.50	12.13
	9 / 7.9	65.44	14.92	61.79	14.10	58.13	13.30	55.99	12.91	54.16	12.52	50.50	11.73
	11 / 9.8	65.44	14.42	61.79	13.63	58.13	12.88	55.99	12.49	54.16	12.13	50.50	11.37
	13 / 11.8	65.44	13.95	61.79	13.20	58.13	12.46	55.99	12.10	54.16	11.73	50.50	11.02
	15 / 13.7	65.44	13.52	61.79	12.81	58.13	12.10	55.99	11.74	54.16	11.38	50.50	10.72
	19 / 14.2	65.44	13.10	61.79	12.30	58.13	11.66	55.99	11.23	54.16	10.99	50.50	10.24
	21 / 15	65.44	12.24	61.79	11.95	58.13	11.37	55.99	10.76	54.16	10.56	50.50	9.84

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 55. Heating capacity YV2VYT104KAS-D-X

YV2VYT104KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	73.92	19.08	73.92	20.21	73.92	21.32	73.71	21.89	73.71	22.47	73.71	23.59
	-12.6	-13	78.06	20.25	78.06	21.32	78.06	22.39	78.06	22.89	78.06	23.44	78.06	24.48
	-10.5	-11	82.53	21.28	82.53	22.32	82.53	23.29	82.53	23.79	82.53	24.31	82.53	25.24
	-9.5	-10	84.97	21.78	84.97	22.74	84.97	23.70	84.97	24.21	84.97	24.71	84.97	25.71
	-8.5	-9.1	86.88	22.19	86.88	23.16	86.88	24.09	86.88	24.56	86.88	24.97	86.88	25.98
	-7	-7.6	90.28	22.82	90.28	23.75	90.28	24.66	90.28	25.24	90.28	25.47	90.28	26.47
	-5	-5.6	94.53	23.59	94.53	24.46	94.53	25.24	94.53	25.71	94.53	26.21	94.53	26.97
	-3	-3.7	98.67	24.28	98.67	24.97	98.67	25.98	98.67	26.47	98.67	26.71	98.67	27.70
	0	-0.7	105.47	25.24	105.47	25.98	105.47	26.71	105.47	27.20	105.47	27.45	105.47	28.20
	3	2.2	111.41	25.98	111.41	26.71	111.41	27.45	111.41	27.70	111.41	28.20	111.41	28.94
	5	4.1	115.99	26.47	115.99	27.20	115.99	27.94	115.99	28.20	115.99	28.69	115.99	29.17
	8.3	6.1	120.13	26.97	120.13	27.70	120.13	28.20	120.13	28.69	120.13	28.94	120.13	29.68
	9	7.9	124.38	27.20	124.16	27.94	124.16	28.69	124.16	28.94	124.16	29.17	124.16	29.93
	11	9.8	128.52	27.70	128.52	28.20	128.52	28.94	128.52	29.17	128.52	29.68	128.52	30.17
	13	11.8	133.06	27.94	133.06	28.69	133.06	29.17	133.06	29.68	133.06	29.93	133.06	30.43
	15	13.7	137.12	28.44	137.02	28.94	137.02	29.43	137.02	29.93	137.02	30.17	136.07	30.17
	19	14.2	137.12	28.71	137.02	29.24	137.02	29.71	137.02	30.18	137.02	30.44	136.07	29.58
	21	15	137.12	28.91	137.02	29.52	137.02	29.98	137.02	30.36	137.02	29.97	136.07	29.27
120	-14.7	-15	73.92	20.59	73.71	21.64	73.71	22.67	73.71	23.20	73.71	23.70	73.71	24.74
	-12.6	-13	78.06	21.70	78.06	22.66	78.06	23.63	78.06	24.13	78.06	24.63	78.06	25.71
	-10.5	-11	82.53	22.66	82.53	23.58	82.53	24.48	82.53	24.97	82.53	25.47	82.53	26.47
	-9.5	-10	84.97	23.10	84.97	23.98	84.97	24.97	84.97	25.24	84.97	25.71	84.97	26.71
	-8.5	-9.1	86.88	23.47	86.88	24.32	86.88	25.24	86.88	25.71	86.88	26.21	86.88	26.97
	-7	-7.6	90.28	24.06	90.28	24.97	90.28	25.71	90.28	26.21	90.28	26.51	90.28	27.45
	-5	-5.6	94.53	24.74	94.53	25.47	94.53	26.47	94.53	26.71	94.53	27.23	94.53	27.94
	-3	-3.7	98.67	25.47	98.67	26.21	98.67	26.97	98.67	27.20	98.67	27.72	98.67	28.44
	0	-0.7	105.47	26.21	105.47	26.97	105.47	27.70	105.47	27.94	105.47	28.44	105.47	29.17
	3	2.2	111.41	26.97	111.41	27.70	111.41	28.44	111.41	28.69	111.41	28.94	111.41	29.68
	5	4.1	115.99	27.45	115.99	27.94	115.99	28.69	115.99	28.94	115.99	29.43	115.99	29.93
	8.3	6.1	120.13	27.70	120.13	28.44	120.13	29.17	120.13	29.43	120.13	29.68	120.13	30.43
	9	7.9	124.16	28.20	124.16	28.69	124.16	29.43	124.16	29.68	124.16	29.93	124.16	30.67
	11	9.8	128.52	28.44	128.52	29.17	128.52	29.68	128.52	29.93	128.52	30.17	125.55	29.68
	13	11.8	133.06	28.94	133.06	29.43	133.06	29.93	133.06	30.17	133.06	30.67	125.55	28.69
	15	13.7	137.02	29.17	137.02	29.68	137.02	30.17	137.02	30.43	135.55	29.93	125.55	27.45
	19	14.2	137.02	29.43	137.02	29.93	137.02	30.21	137.02	30.13	135.55	29.43	125.55	26.79
	21	15	137.02	29.74	137.02	30.17	137.02	30.39	137.02	29.90	135.55	28.51	125.55	26.32
110	-14.7	-15	73.71	22.12	73.71	23.09	73.71	23.98	73.71	24.48	73.71	24.97	73.71	25.98
	-12.6	-13	78.06	23.13	78.06	24.01	78.06	24.97	78.06	25.47	78.06	25.71	78.06	26.71
	-10.5	-11	82.53	23.98	82.53	24.74	82.53	25.71	82.53	26.21	82.53	26.47	82.53	27.45
	-9.5	-10	84.97	24.40	84.97	25.24	84.97	25.98	84.97	26.51	84.97	26.97	84.97	27.70
	-8.5	-9.1	86.88	24.74	86.88	25.47	86.88	26.47	86.88	26.74	86.88	27.20	86.88	27.94
	-7	-7.6	90.28	25.24	90.28	25.98	90.28	26.71	90.28	27.23	90.28	27.70	90.28	28.44
	-5	-5.6	94.53	25.98	94.53	26.71	94.53	27.45	94.53	27.72	94.53	28.20	94.53	28.94
	-3	-3.7	98.67	26.47	98.67	27.20	98.67	27.94	98.67	28.21	98.67	28.69	98.67	29.17
	0	-0.7	105.47	27.20	105.26	27.94	105.26	28.69	105.26	28.94	105.26	29.17	105.26	29.93
	3	2.2	111.41	27.94	111.41	28.69	111.41	29.17	111.41	29.43	111.41	29.93	111.41	30.43
	5	4.1	115.99	28.44	115.99	28.94	115.99	29.43	115.99	29.93	115.99	30.17	115.13	30.43
	8.3	6.1	120.13	28.69	120.13	29.17	120.13	29.93	120.13	30.17	120.13	30.43	115.13	29.17
	9	7.9	124.16	29.17	124.16	29.68	124.16	30.17	124.16	30.43	123.31	30.43	115.13	27.94
	11	9.8	128.52	29.43	128.52	29.93	128.52	30.43	127.78	30.43	123.31	29.17	115.13	26.97
	13	11.8	133.06	29.68	133.06	30.17	132.25	30.17	127.78	29.17	123.31	27.94	115.13	25.98
	15	13.7	137.12	29.93	137.12	30.43	132.25	29.17	127.78	28.20	123.31	26.97	115.13	24.97
	19	14.2	137.12	27.97	137.12	30.13	132.25	28.24	127.78	27.05	123.31	26.05	115.13	24.16
	21	15	137.12	28.20	137.12	29.27	132.25	26.73	127.78	26.24	123.31	25.32	115.13	23.81

To be continued

Continued

YV2VYT104KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	73.71	23.63	73.71	24.51	73.71	25.47	73.71	25.71	73.71	26.21	73.71	27.20
	-12.6	-13	78.06	24.56	78.06	25.47	78.06	26.21	78.06	26.47	78.06	26.97	78.06	27.70
	-10.5	-11	82.53	25.47	82.53	26.21	82.53	26.97	82.53	27.20	82.53	27.70	82.53	28.44
	-9.5	-10	84.97	25.71	84.97	26.47	84.97	27.20	84.97	27.70	84.97	27.94	84.97	28.69
	-8.5	-9.1	86.88	25.98	86.88	26.71	86.88	27.45	86.88	27.94	86.88	28.20	86.88	28.94
	-7	-7.6	90.28	26.47	90.28	27.20	90.28	27.94	90.28	28.20	90.28	28.69	90.28	29.43
	-5	-5.6	94.53	27.20	94.53	27.70	94.53	28.44	94.53	28.69	94.53	29.17	94.53	29.68
	-3	-3.7	98.67	27.70	98.67	28.20	98.67	28.94	98.67	29.17	98.67	29.43	98.67	30.17
	0	-0.7	105.26	28.44	105.26	28.94	105.26	29.43	105.26	29.93	105.26	30.17	104.61	30.67
	3	2.2	111.41	28.94	111.41	29.43	111.41	30.17	111.41	30.43	111.41	30.67	104.82	28.69
	5	4.1	115.99	29.17	115.99	29.93	115.99	30.43	115.99	30.67	113.83	29.68	104.82	27.45
	8.3	6.1	120.13	29.68	120.13	30.17	120.13	31.41	116.30	29.43	112.47	28.44	104.82	26.21
	9	7.9	124.16	29.93	124.16	30.43	120.13	29.43	116.30	28.44	112.47	27.20	104.82	25.24
	11	9.8	128.52	30.17	127.78	30.43	120.13	28.20	116.30	27.20	112.47	26.21	104.82	24.27
	13	11.8	133.06	30.43	127.78	29.17	120.13	27.20	116.30	26.21	112.47	25.24	104.82	23.35
	15	13.7	135.43	29.93	127.78	28.20	120.13	26.21	116.30	25.24	112.47	24.32	104.82	22.54
	19	14.2	135.43	29.13	127.78	27.23	120.13	25.56	116.30	24.17	112.47	23.39	104.82	21.93
	21	15	135.43	28.20	127.78	26.05	120.13	24.59	116.30	23.81	112.47	22.70	104.82	21.43
90	-14.7	-15	73.71	25.24	73.71	25.98	73.71	26.71	73.71	27.20	73.71	27.45	73.71	28.20
	-12.6	-13	78.06	25.98	78.06	26.71	78.06	27.45	78.06	27.70	78.06	28.20	78.06	28.94
	-10.5	-11	82.53	26.71	82.53	27.45	82.53	28.20	82.53	28.44	82.53	28.69	82.53	29.43
	-9.5	-10	84.97	26.97	84.97	27.70	84.97	28.44	84.97	28.69	84.97	28.94	84.97	29.68
	-8.5	-9.1	86.88	27.20	86.88	27.94	86.88	28.69	86.88	28.94	86.88	29.17	86.88	29.93
	-7	-7.6	90.28	27.70	90.28	28.44	90.28	28.94	90.28	29.43	90.28	29.68	90.07	30.17
	-5	-5.6	94.53	28.20	94.53	28.94	94.53	29.43	94.53	29.68	94.53	30.17	93.24	30.67
	-3	-3.7	98.67	28.69	98.67	29.43	98.67	29.93	98.67	30.17	98.67	30.43	93.97	29.43
	0	-0.7	105.26	29.43	105.26	29.93	105.26	30.43	104.18	30.67	101.10	29.43	93.97	27.20
	3	2.2	111.41	29.93	111.41	30.43	108.01	29.68	104.28	28.69	101.10	27.45	93.97	25.47
	5	4.1	115.99	30.17	115.24	30.43	108.01	28.44	104.28	27.45	101.10	26.21	93.97	24.32
	8.3	6.1	120.13	30.43	115.24	29.17	108.01	27.20	104.28	26.21	101.10	25.24	93.97	23.36
	9	7.9	122.04	29.93	115.24	27.94	108.01	26.21	104.28	25.24	101.10	24.28	93.97	22.48
	11	9.8	122.04	28.69	115.24	26.97	108.01	25.24	104.28	24.24	101.10	23.36	93.97	21.67
	13	11.8	122.04	27.70	115.24	25.98	108.01	24.16	104.28	23.32	101.10	22.51	93.97	20.87
	15	13.7	122.04	26.71	115.24	24.97	108.01	23.32	104.28	22.54	101.10	21.74	93.97	20.16
	19	14.2	122.04	26.05	115.24	24.28	108.01	22.58	104.28	21.86	101.10	20.96	93.97	19.43
	21	15	122.04	25.09	115.24	23.36	108.01	22.17	104.28	21.13	101.10	20.21	93.97	18.63
80	-14.7	-15	73.71	26.71	73.71	27.45	73.71	28.20	73.71	28.44	73.71	28.69	73.71	29.43
	-12.6	-13	78.06	27.45	78.06	27.94	78.06	28.69	78.06	28.94	78.06	29.43	78.06	29.93
	-10.5	-11	82.53	27.94	82.53	28.69	82.53	29.17	82.53	29.68	82.53	29.93	82.10	30.43
	-9.5	-10	84.97	28.44	84.97	28.94	84.97	29.43	84.97	29.93	84.97	30.17	83.25	30.67
	-8.5	-9.1	86.88	28.69	86.88	29.17	86.88	29.68	86.88	30.17	86.88	30.43	83.77	30.17
	-7	-7.6	90.28	28.94	90.28	29.43	90.07	30.17	90.07	30.43	88.99	30.67	83.77	28.69
	-5	-5.6	94.53	29.43	94.53	29.93	94.53	30.43	92.70	30.67	89.94	29.43	83.77	27.20
	-3	-3.7	98.67	29.93	98.67	30.43	96.10	30.17	92.70	28.94	89.94	27.94	83.77	25.71
	0	-0.7	105.26	30.43	102.16	29.93	96.10	27.94	92.70	26.97	89.94	25.71	83.77	23.90
	3	2.2	108.11	29.68	102.16	27.94	96.10	25.98	92.70	24.97	89.94	24.13	83.77	22.36
	5	4.1	108.11	28.44	102.16	26.71	96.10	24.97	92.70	23.98	89.94	23.13	83.77	21.43
	8.3	6.1	108.11	27.20	102.16	25.47	96.10	23.86	92.70	23.05	89.94	22.23	83.77	20.62
	9	7.9	108.11	26.21	102.16	24.56	96.10	22.94	92.70	22.16	89.94	21.39	83.77	19.85
	11	9.8	108.11	25.24	102.16	23.63	96.10	22.12	92.70	21.36	89.94	20.62	83.77	19.13
	13	11.8	108.11	24.27	102.16	22.74	96.10	21.28	92.70	20.58	89.94	19.85	83.77	18.47
	15	13.7	108.11	23.43	102.16	21.77	96.10	20.58	92.70	19.89	89.94	19.20	83.77	17.88
	19	14.2	108.11	22.62	102.16	21.39	96.10	19.75	92.70	19.15	89.94	18.39	83.77	17.43
	21	15	108.11	21.97	102.16	20.46	96.10	19.24	92.70	18.54	89.94	17.78	83.77	16.51

To be continued

Continued

YV2VYT104KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	73.71	28.20	73.71	28.94	73.71	29.43	73.71	29.68	73.71	29.93	71.99	30.67
	-12.6	-13	78.06	28.94	78.06	29.43	78.06	29.93	78.06	30.17	76.99	30.67	73.25	29.43
	-10.5	-11	82.53	29.43	82.53	29.93	82.31	30.43	80.59	30.67	78.56	29.68	73.25	27.45
	-9.5	-10	84.97	29.68	84.97	30.17	83.46	30.67	81.22	29.93	78.56	28.69	73.25	26.47
	-8.5	-9.1	86.88	29.93	86.88	30.43	84.20	30.17	81.22	29.17	78.56	27.94	73.25	25.98
	-7	-7.6	90.07	30.17	88.78	30.67	84.20	28.94	81.22	27.70	78.56	26.71	73.25	24.74
	-5	-5.6	93.88	30.67	89.51	29.17	84.20	27.20	81.22	26.21	78.56	25.24	73.25	23.43
	-3	-3.7	94.83	29.68	89.51	27.70	84.20	25.98	81.22	24.97	78.56	24.06	73.25	22.29
	0	-0.7	94.83	27.45	89.51	25.71	84.20	24.01	81.22	23.17	78.56	22.33	73.25	20.73
	3	2.2	94.83	25.71	89.51	24.01	84.20	22.44	81.22	21.67	78.56	20.93	73.25	19.43
	5	4.1	94.83	24.55	89.51	23.02	84.20	21.55	81.22	20.80	78.56	20.09	73.25	18.67
	8.3	6.1	94.83	23.54	89.51	22.12	84.20	20.70	81.22	20.00	78.56	19.31	73.25	17.98
	9	7.9	94.83	22.66	89.51	21.27	84.20	19.93	81.22	19.27	78.56	18.63	73.25	17.35
	11	9.8	94.83	21.82	89.51	20.51	84.20	19.24	81.22	18.59	78.56	17.82	73.25	16.74
	13	11.8	94.83	21.02	89.51	19.77	84.20	18.54	81.22	17.97	78.56	17.35	73.25	16.17
	15	13.7	94.83	20.31	89.51	19.12	84.20	17.97	81.22	17.36	78.56	16.78	73.25	15.66
	19	14.2	94.83	19.28	89.51	18.59	84.20	17.47	81.22	16.55	78.56	15.85	73.25	15.03
	21	15	94.83	18.59	89.51	17.67	84.20	16.67	81.22	15.78	78.56	15.05	73.25	14.20
60	-14.7	-15	73.71	29.68	73.71	30.17	71.34	30.67	69.74	29.68	67.50	28.69	62.83	26.47
	-12.6	-13	78.06	30.17	75.91	30.67	72.08	28.69	69.74	27.70	67.50	26.71	62.83	24.67
	-10.5	-11	80.59	30.67	76.54	28.94	72.08	26.97	69.74	25.98	67.50	24.97	62.83	23.16
	-9.5	-10	81.22	29.93	76.54	27.94	72.08	26.21	69.74	25.24	67.50	24.27	62.83	22.47
	-8.5	-9.1	81.22	29.17	76.54	27.20	72.08	25.47	69.74	24.51	67.50	23.62	62.83	21.89
	-7	-7.6	81.22	27.70	76.54	25.98	72.08	24.31	69.74	23.44	67.50	22.63	62.83	20.97
	-5	-5.6	81.22	26.21	76.54	24.62	72.08	23.01	69.74	22.20	67.50	21.42	62.83	19.89
	-3	-3.7	81.22	24.97	76.54	23.39	72.08	21.89	69.74	21.16	67.50	20.40	62.83	18.97
	0	-0.7	81.22	23.16	76.54	21.74	72.08	20.36	69.74	19.69	67.50	19.01	62.83	17.69
	3	2.2	81.22	21.67	76.54	20.36	72.08	19.09	69.74	18.47	67.50	17.85	62.83	16.66
	5	4.1	81.22	20.80	76.54	19.56	72.08	18.35	69.74	17.74	67.50	17.17	62.83	16.01
	8.3	6.1	81.22	19.97	76.54	18.82	72.08	17.69	69.74	17.11	67.50	16.55	62.83	15.43
	9	7.9	81.22	19.27	76.54	18.16	72.08	17.04	69.74	16.52	67.50	15.97	62.83	14.92
	11	9.8	81.22	18.59	76.54	17.51	72.08	16.47	69.74	15.96	67.50	15.43	62.83	14.44
	13	11.8	81.22	17.94	76.54	16.92	72.08	15.90	69.74	15.40	67.50	14.93	62.83	13.97
	15	13.7	81.22	17.36	76.54	16.36	72.08	15.40	69.74	14.93	67.50	14.47	62.83	13.55
	19	14.2	81.22	16.86	76.54	15.58	72.08	14.94	69.74	14.47	67.50	13.93	62.83	12.97
	21	15	81.22	16.17	76.54	15.13	72.08	14.31	69.74	14.00	67.50	13.47	62.83	12.47
50	-14.7	-15	67.82	28.69	63.89	26.97	60.17	25.24	58.04	24.28	56.13	23.39	52.20	21.70
	-12.6	-13	67.82	26.97	63.89	25.24	60.17	23.50	58.04	22.70	56.13	21.89	52.20	20.31
	-10.5	-11	67.82	25.24	63.89	23.59	60.17	22.05	58.04	21.32	56.13	20.58	52.20	19.12
	-9.5	-10	67.82	24.39	63.89	22.88	60.17	21.42	58.04	20.70	56.13	19.97	52.20	18.57
	-8.5	-9.1	67.82	23.75	63.89	22.29	60.17	20.87	58.04	20.16	56.13	19.47	52.20	18.10
	-7	-7.6	67.82	22.74	63.89	21.36	60.17	20.00	58.04	19.34	56.13	18.70	52.20	17.40
	-5	-5.6	67.82	21.55	63.89	20.25	60.17	19.00	58.04	18.38	56.13	17.74	52.20	16.55
	-3	-3.7	67.82	20.52	63.89	19.31	60.17	18.13	58.04	17.54	56.13	16.96	52.20	15.82
	0	-0.7	67.82	19.12	63.89	18.01	60.17	16.92	58.04	16.39	56.13	15.86	52.20	14.81
	3	2.2	67.82	17.94	63.89	16.92	60.17	15.93	58.04	15.43	56.13	14.93	52.20	13.97
	5	4.1	67.82	17.27	63.89	16.30	60.17	15.34	58.04	14.85	56.13	14.32	52.20	13.47
	8.3	6.1	67.82	16.62	63.89	15.71	60.17	14.78	58.04	14.35	56.13	13.89	52.20	13.04
	9	7.9	67.82	16.05	63.89	15.16	60.17	14.31	58.04	13.88	56.13	13.46	52.20	12.61
	11	9.8	67.82	15.50	63.89	14.66	60.17	13.85	58.04	13.42	56.13	13.04	52.20	12.23
	13	11.8	67.82	15.01	63.89	14.19	60.17	13.39	58.04	13.01	56.13	12.61	52.20	11.85
	15	13.7	67.82	14.54	63.89	13.78	60.17	13.01	58.04	12.63	56.13	12.24	52.20	11.54
	19	14.2	67.82	14.09	63.89	13.23	60.17	12.55	58.04	12.08	56.13	11.81	52.20	11.02
	21	15	67.82	13.16	63.89	12.86	60.17	12.23	58.04	11.57	56.13	11.36	52.20	10.58

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 56. Heating capacity YV2VYT113KAS-D-X

YV2VYT113KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	79.15	19.90	79.15	21.08	79.15	22.25	79.04	22.83	79.04	23.43	79.04	24.61
	-12.6	-13	83.66	21.13	83.66	22.25	83.66	23.35	83.66	23.89	83.66	24.46	83.66	25.54
	-10.5	-11	88.71	22.22	88.71	23.27	88.71	24.30	88.71	24.82	88.71	25.37	88.71	26.33
	-9.5	-10	91.50	22.74	91.50	23.73	91.50	24.74	91.50	25.26	91.50	25.78	91.50	26.82
	-8.5	-9.1	93.54	23.16	93.54	24.15	93.54	25.13	93.54	25.62	93.54	26.06	93.54	27.10
	-7	-7.6	97.30	23.81	97.30	24.77	97.30	25.73	97.30	26.33	97.30	26.58	97.30	27.62
	-5	-5.6	102.24	24.61	102.24	25.52	102.24	26.33	102.24	26.82	102.24	27.34	102.24	28.14
	-3	-3.7	106.75	25.34	106.75	26.06	106.75	27.10	106.75	27.62	106.75	27.86	106.75	28.90
	0	-0.7	114.16	26.33	114.16	27.10	114.16	27.86	114.16	28.38	114.16	28.63	114.16	29.42
	3	2.2	121.03	27.10	121.03	27.86	121.03	28.63	121.03	28.90	121.03	29.42	121.03	30.19
	5	4.1	125.76	27.62	125.76	28.38	125.76	29.15	125.76	29.42	125.76	29.94	125.76	30.43
	8.3	6.1	130.48	28.14	130.48	28.90	130.48	29.42	130.48	29.94	130.48	30.19	130.48	30.95
	9	7.9	135.10	28.38	134.99	29.15	134.99	29.94	134.99	30.19	134.99	30.43	134.99	31.23
	11	9.8	139.61	28.90	139.61	29.42	139.61	30.19	139.61	30.43	139.61	30.95	139.61	31.48
	13	11.8	142.51	29.15	142.51	29.94	142.51	30.43	142.51	30.95	142.51	31.23	142.51	31.75
	15	13.7	149.17	29.67	149.17	30.19	149.17	30.71	149.17	31.23	149.17	31.48	147.88	31.48
	19	14.2	149.17	29.94	149.17	30.52	149.17	30.99	149.17	31.50	149.17	31.77	147.88	30.85
	21	15	149.17	30.16	149.17	30.81	149.17	31.28	149.17	31.67	149.17	31.26	147.88	30.55
120	-14.7	-15	79.15	21.48	79.04	22.58	79.04	23.65	79.04	24.20	79.04	24.74	79.04	25.81
	-12.6	-13	83.66	22.64	83.66	23.65	83.66	24.66	83.66	25.18	83.66	25.70	83.66	26.82
	-10.5	-11	88.71	23.65	88.71	24.59	88.71	25.54	88.71	26.06	88.71	26.58	88.71	27.62
	-9.5	-10	91.50	24.11	91.50	25.01	91.50	26.06	91.50	26.33	91.50	26.82	91.50	27.86
	-8.5	-9.1	93.54	24.49	93.54	25.39	93.54	26.33	93.54	26.82	93.54	27.34	93.54	28.14
	-7	-7.6	97.30	25.10	97.30	26.06	97.30	26.82	97.30	27.34	97.30	27.64	97.30	28.63
	-5	-5.6	102.24	25.81	102.24	26.58	102.24	27.62	102.24	27.86	102.24	28.44	102.24	29.15
	-3	-3.7	106.75	26.58	106.75	27.34	106.75	28.14	106.75	28.38	106.75	28.98	106.75	29.67
	0	-0.7	114.16	27.34	114.16	28.14	114.16	28.90	114.16	29.15	114.16	29.67	114.16	30.43
	3	2.2	121.03	28.14	121.03	28.90	121.03	29.67	121.03	29.94	121.03	30.19	121.03	30.95
	5	4.1	125.76	28.63	125.76	29.15	125.76	29.94	125.76	30.19	125.76	30.71	125.76	31.23
	8.3	6.1	130.48	28.90	130.48	29.67	130.48	30.43	130.48	30.71	130.48	30.95	130.48	31.75
	9	7.9	134.99	29.42	134.99	29.94	134.99	30.71	134.99	30.95	134.99	31.23	134.99	32.00
	11	9.8	139.61	29.67	139.61	30.43	139.61	30.95	139.61	31.23	139.61	31.48	136.49	30.95
	13	11.8	142.51	30.19	142.51	30.71	142.51	31.23	142.51	31.48	142.51	32.00	136.49	29.94
	15	13.7	149.17	30.43	149.17	30.95	149.17	31.48	149.17	31.75	146.80	31.23	136.49	28.63
	19	14.2	149.17	30.69	149.17	31.23	149.17	31.51	149.17	31.44	146.80	30.69	136.49	27.94
	21	15	149.17	31.02	149.17	31.48	149.17	31.70	149.17	31.20	146.80	29.75	136.49	27.45
110	-14.7	-15	79.04	23.08	79.04	24.09	79.04	25.01	79.04	25.54	79.04	26.06	79.04	27.10
	-12.6	-13	83.66	24.12	83.66	25.05	83.66	26.06	83.66	26.58	83.66	26.82	83.66	27.86
	-10.5	-11	88.71	25.01	88.71	25.81	88.71	26.82	88.71	27.34	88.71	27.62	88.71	28.63
	-9.5	-10	91.50	25.45	91.50	26.33	91.50	27.10	91.50	27.64	91.50	28.14	91.50	28.90
	-8.5	-9.1	93.54	25.81	93.54	26.58	93.54	27.62	93.54	27.90	93.54	28.38	93.54	29.15
	-7	-7.6	97.30	26.33	97.30	27.10	97.30	27.86	97.30	28.44	97.30	28.90	97.30	29.67
	-5	-5.6	102.24	27.10	102.24	27.86	102.24	28.63	102.24	28.98	102.24	29.42	102.24	30.19
	-3	-3.7	106.75	27.62	106.75	28.38	106.75	29.15	106.75	29.32	106.75	29.94	106.75	30.43
	0	-0.7	114.16	28.38	114.05	29.15	114.05	29.94	114.05	30.13	114.05	30.43	114.05	31.23
	3	2.2	121.03	29.15	121.03	29.94	121.03	30.43	121.03	30.71	121.03	31.23	121.03	31.75
	5	4.1	125.76	29.67	125.76	30.19	125.76	30.71	125.76	31.23	125.76	31.48	125.22	31.75
	8.3	6.1	130.48	29.94	130.48	30.43	130.48	31.23	130.48	31.48	130.48	31.75	125.22	30.43
	9	7.9	134.99	30.43	134.99	30.95	134.99	31.48	134.99	31.75	134.13	31.75	125.22	29.15
	11	9.8	139.61	30.71	139.61	31.23	139.61	31.75	138.86	31.75	134.13	30.43	125.22	28.14
	13	11.8	142.51	30.95	142.51	31.48	143.80	31.48	138.86	30.43	134.13	29.15	125.22	27.10
	15	13.7	149.17	31.23	149.17	31.75	143.80	30.43	138.86	29.42	134.13	28.14	125.22	26.06
	19	14.2	149.17	29.18	149.17	31.44	143.80	29.45	138.86	28.22	134.13	27.18	125.22	25.21
	21	15	149.17	29.42	149.17	30.55	143.80	27.89	138.86	27.37	134.13	26.41	125.22	24.85

To be continued

Continued

YV2VYT113KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	79.04	24.66	79.04	25.57	79.04	26.58	79.04	26.82	79.04	27.34	79.04	28.38
	-12.6	-13	83.66	25.62	83.66	26.58	83.66	27.34	83.66	27.62	83.66	28.14	83.66	28.90
	-10.5	-11	88.71	26.58	88.71	27.34	88.71	28.14	88.71	28.38	88.71	28.90	88.71	29.67
	-9.5	-10	91.50	26.82	91.50	27.62	91.50	28.38	91.50	28.90	91.50	29.15	91.50	29.94
	-8.5	-9.1	93.54	27.10	93.54	27.86	93.54	28.63	93.54	29.25	93.54	29.42	93.54	30.19
	-7	-7.6	97.30	27.62	97.30	28.38	97.30	29.15	97.30	29.32	97.30	29.94	97.30	30.71
	-5	-5.6	102.24	28.38	102.24	28.90	102.24	29.67	102.24	29.86	102.24	30.43	102.24	30.95
	-3	-3.7	106.75	28.90	106.75	29.42	106.75	30.19	106.75	30.39	106.75	30.71	106.75	31.48
	0	-0.7	114.05	29.67	114.05	30.19	114.05	30.71	114.05	31.21	114.05	31.48	113.94	32.00
	3	2.2	121.03	30.19	121.03	30.71	121.03	31.48	121.03	31.75	121.03	32.00	113.94	29.94
	5	4.1	125.76	30.43	125.76	31.23	125.76	31.75	125.76	32.00	122.10	30.95	113.94	28.63
	8.3	6.1	130.48	30.95	130.48	31.48	130.48	31.81	126.40	30.71	122.10	29.67	113.94	27.34
	9	7.9	134.99	31.23	134.99	31.75	130.48	30.71	126.40	29.67	122.10	28.38	113.94	26.33
	11	9.8	139.61	31.48	138.86	31.75	130.48	29.42	126.40	28.38	122.10	27.34	113.94	25.32
	13	11.8	142.51	31.75	138.86	30.43	130.48	28.38	126.40	27.34	122.10	26.33	113.94	24.36
	15	13.7	147.02	31.23	138.86	29.42	130.48	27.34	126.40	26.33	122.10	25.39	113.94	23.51
	19	14.2	147.02	30.40	138.86	28.41	130.48	26.66	126.40	25.23	122.10	24.41	113.94	22.88
	21	15	147.02	29.42	138.86	27.18	130.48	25.67	126.40	24.85	122.10	23.68	113.94	22.36
90	-14.7	-15	79.04	26.33	79.04	27.10	79.04	27.86	79.04	28.38	79.04	28.63	79.04	29.42
	-12.6	-13	83.66	27.10	83.66	27.86	83.66	28.63	83.66	28.90	83.66	29.42	83.66	30.19
	-10.5	-11	88.71	27.86	88.71	28.63	88.71	29.42	88.71	29.67	88.71	29.94	88.71	30.71
	-9.5	-10	91.50	28.14	91.50	28.90	91.50	29.67	91.50	29.94	91.50	30.19	91.50	30.95
	-8.5	-9.1	93.54	28.38	93.54	29.15	93.54	29.94	93.54	30.19	93.54	30.43	93.54	31.23
	-7	-7.6	97.30	28.90	97.30	29.67	97.30	30.19	97.30	30.71	97.30	30.95	97.19	31.48
	-5	-5.6	102.24	29.42	102.24	30.19	102.24	30.71	102.24	30.95	102.24	31.48	101.59	32.00
	-3	-3.7	106.75	29.94	106.75	30.71	106.75	31.23	106.75	31.48	106.75	31.75	102.02	30.71
	0	-0.7	114.05	30.71	114.05	31.23	114.05	31.75	113.30	32.00	109.65	30.71	102.02	28.38
	3	2.2	121.03	31.23	121.03	31.75	117.59	30.95	113.30	29.94	109.65	28.63	102.02	26.58
	5	4.1	125.76	31.48	125.33	31.75	117.59	29.67	113.30	28.63	109.65	27.34	102.02	25.39
	8.3	6.1	130.48	31.75	125.33	30.43	117.59	28.38	113.30	27.34	109.65	26.33	102.02	24.38
	9	7.9	132.74	31.23	125.33	29.15	117.59	27.34	113.30	26.33	109.65	25.34	102.02	23.45
	11	9.8	132.74	29.94	125.33	28.14	117.59	26.33	113.30	25.29	109.65	24.38	102.02	22.61
	13	11.8	132.74	28.90	125.33	27.10	117.59	25.21	113.30	24.33	109.65	23.48	102.02	21.78
	15	13.7	132.74	27.86	125.33	26.06	117.59	24.33	113.30	23.51	109.65	22.69	102.02	21.02
	19	14.2	132.74	27.18	125.33	25.32	117.59	23.57	113.30	22.80	109.65	21.87	102.02	20.28
	21	15	132.74	26.19	125.33	24.38	117.59	23.13	113.30	22.06	109.65	21.10	102.02	19.45
80	-14.7	-15	79.04	27.86	79.04	28.63	79.04	29.42	79.04	29.67	79.04	29.94	79.04	30.71
	-12.6	-13	83.66	28.63	83.66	29.15	83.66	29.94	83.66	30.19	83.66	30.71	83.66	31.23
	-10.5	-11	88.71	29.15	88.71	29.94	88.71	30.43	88.71	30.95	88.71	31.23	88.49	31.75
	-9.5	-10	91.50	29.67	91.50	30.19	91.50	30.71	91.50	31.23	91.50	31.48	90.64	32.00
	-8.5	-9.1	93.54	29.94	93.54	30.43	93.54	30.95	93.54	31.48	93.54	31.75	90.85	31.48
	-7	-7.6	97.30	30.19	97.30	30.71	97.19	31.48	97.19	31.75	96.65	32.00	90.85	29.94
	-5	-5.6	102.24	30.71	102.24	31.23	102.24	31.75	100.84	32.00	97.73	30.71	90.85	28.38
	-3	-3.7	106.75	31.23	106.75	31.75	104.38	31.48	100.84	30.19	97.73	29.15	90.85	26.82
	0	-0.7	114.05	31.75	111.04	31.23	104.38	29.15	100.84	28.14	97.73	26.82	90.85	24.93
	3	2.2	117.81	30.95	111.04	29.15	104.38	27.10	100.84	26.06	97.73	25.18	90.85	23.32
	5	4.1	117.81	29.67	111.04	27.86	104.38	26.06	100.84	25.01	97.73	24.12	90.85	22.36
	8.3	6.1	117.81	28.38	111.04	26.58	104.38	24.90	100.84	24.06	97.73	23.21	90.85	21.51
	9	7.9	117.81	27.34	111.04	25.62	104.38	23.94	100.84	23.13	97.73	22.31	90.85	20.72
	11	9.8	117.81	26.33	111.04	24.66	104.38	23.08	100.84	22.30	97.73	21.51	90.85	19.97
	13	11.8	117.81	25.32	111.04	23.73	104.38	22.22	100.84	21.46	97.73	20.72	90.85	19.27
	15	13.7	117.81	24.44	111.04	22.72	104.38	21.46	100.84	20.75	97.73	20.05	90.85	18.67
	19	14.2	117.81	23.60	111.04	22.31	104.38	20.61	100.84	19.98	97.73	19.19	90.85	18.20
	21	15	117.81	22.93	111.04	21.35	104.38	20.07	100.84	19.33	97.73	18.53	90.85	17.24

To be continued

Continued

YV2VYT113KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	79.04	29.42	79.04	30.19	79.04	30.71	79.04	30.95	79.04	31.23	78.18	32.00
	-12.6	-13	83.66	30.19	83.66	30.71	83.66	31.23	83.66	31.48	83.12	32.00	79.47	30.71
	-10.5	-11	88.71	30.71	88.71	31.23	88.60	31.75	87.74	32.00	85.48	30.95	79.47	28.63
	-9.5	-10	91.50	30.95	91.50	31.48	90.75	32.00	88.38	31.23	85.48	29.94	79.47	27.62
	-8.5	-9.1	93.54	31.23	93.54	31.75	91.61	31.48	88.38	30.43	85.48	29.15	79.47	27.10
	-7	-7.6	97.19	31.48	96.55	32.00	91.61	30.19	88.38	28.90	85.48	27.86	79.47	25.81
	-5	-5.6	101.92	32.00	97.19	30.43	91.61	28.38	88.38	27.34	85.48	26.33	79.47	24.44
	-3	-3.7	103.20	30.95	97.19	28.90	91.61	27.10	88.38	26.06	85.48	25.10	79.47	23.24
	0	-0.7	103.20	28.63	97.19	26.82	91.61	25.05	88.38	24.17	85.48	23.29	79.47	21.63
	3	2.2	103.20	26.82	97.19	25.05	91.61	23.40	88.38	22.61	85.48	21.84	79.47	20.26
	5	4.1	103.20	25.60	97.19	24.02	91.61	22.47	88.38	21.71	85.48	20.96	79.47	19.48
	8.3	6.1	103.20	24.56	97.19	23.08	91.61	21.60	88.38	20.88	85.48	20.15	79.47	18.75
	9	7.9	103.20	23.65	97.19	22.20	91.61	20.80	88.38	20.10	85.48	19.43	79.47	18.10
	11	9.8	103.20	22.75	97.19	21.40	91.61	20.07	88.38	19.40	85.48	18.61	79.47	17.46
	13	11.8	103.20	21.92	97.19	20.62	91.61	19.35	88.38	18.73	85.48	18.10	79.47	16.88
	15	13.7	103.20	21.19	97.19	19.95	91.61	18.73	88.38	18.12	85.48	17.51	79.47	16.36
	19	14.2	103.20	20.12	97.19	19.40	91.61	18.21	88.38	17.27	85.48	16.53	79.47	15.69
	21	15	103.20	19.40	97.19	18.44	91.61	17.38	88.38	16.47	85.48	15.71	79.47	14.83
60	-14.7	-15	79.04	30.95	79.04	31.48	77.86	32.00	75.71	30.95	73.35	29.94	68.19	27.62
	-12.6	-13	83.66	31.48	82.58	32.00	78.29	29.94	75.71	28.90	73.35	27.86	68.19	25.75
	-10.5	-11	87.74	32.00	83.23	30.19	78.29	28.14	75.71	27.10	73.35	26.06	68.19	24.15
	-9.5	-10	88.38	31.23	83.23	29.15	78.29	27.34	75.71	26.33	73.35	25.32	68.19	23.43
	-8.5	-9.1	88.38	30.43	83.23	28.38	78.29	26.58	75.71	25.57	73.35	24.64	68.19	22.83
	-7	-7.6	88.38	28.90	83.23	27.10	78.29	25.37	75.71	24.46	73.35	23.62	68.19	21.87
	-5	-5.6	88.38	27.34	83.23	25.68	78.29	24.00	75.71	23.18	73.35	22.34	68.19	20.75
	-3	-3.7	88.38	26.06	83.23	24.41	78.29	22.83	75.71	22.07	73.35	21.29	68.19	19.79
	0	-0.7	88.38	24.15	83.23	22.69	78.29	21.24	75.71	20.53	73.35	19.84	68.19	18.45
	3	2.2	88.38	22.61	83.23	21.24	78.29	19.92	75.71	19.27	73.35	18.64	68.19	17.36
	5	4.1	88.38	21.71	83.23	20.41	78.29	19.16	75.71	18.52	73.35	17.90	68.19	16.70
	8.3	6.1	88.38	20.85	83.23	19.63	78.29	18.45	75.71	17.85	73.35	17.27	68.19	16.09
	9	7.9	88.38	20.10	83.23	18.94	78.29	17.79	75.71	17.24	73.35	16.67	68.19	15.55
	11	9.8	88.38	19.40	83.23	18.26	78.29	17.19	75.71	16.65	73.35	16.09	68.19	15.07
	13	11.8	88.38	18.70	83.23	17.66	78.29	16.58	75.71	16.06	73.35	15.57	68.19	14.58
	15	13.7	88.38	18.12	83.23	17.07	78.29	16.06	75.71	15.57	73.35	15.10	68.19	14.15
	19	14.2	88.38	17.60	83.23	16.26	78.29	15.57	75.71	15.10	73.35	14.53	68.19	13.52
	21	15	88.38	16.86	83.23	15.79	78.29	14.92	75.71	14.62	73.35	14.06	68.19	13.00
50	-14.7	-15	73.46	29.94	69.38	28.14	65.29	26.33	62.93	25.34	60.89	24.41	56.81	22.64
	-12.6	-13	73.46	28.14	69.38	26.33	65.29	24.53	62.93	23.68	60.89	22.83	56.81	21.19
	-10.5	-11	73.46	26.33	69.38	24.61	65.29	23.01	62.93	22.25	60.89	21.46	56.81	19.95
	-9.5	-10	73.46	25.45	69.38	23.87	65.29	22.34	62.93	21.60	60.89	20.85	56.81	19.38
	-8.5	-9.1	73.46	24.77	69.38	23.24	65.29	21.78	62.93	21.02	60.89	20.31	56.81	18.88
	-7	-7.6	73.46	23.73	69.38	22.30	65.29	20.88	62.93	20.18	60.89	19.51	56.81	18.17
	-5	-5.6	73.46	22.47	69.38	21.13	65.29	19.82	62.93	19.17	60.89	18.52	56.81	17.27
	-3	-3.7	73.46	21.40	69.38	20.15	65.29	18.91	62.93	18.29	60.89	17.71	56.81	16.50
	0	-0.7	73.46	19.95	69.38	18.78	65.29	17.66	62.93	17.11	60.89	16.53	56.81	15.46
	3	2.2	73.46	18.70	69.38	17.66	65.29	16.62	62.93	16.09	60.89	15.57	56.81	14.58
	5	4.1	73.46	18.01	69.38	17.00	65.29	16.01	62.93	15.51	60.89	14.71	56.81	14.06
	8.3	6.1	73.46	17.35	69.38	16.39	65.29	15.43	62.93	14.97	60.89	14.50	56.81	13.60
	9	7.9	73.46	16.75	69.38	15.82	65.29	14.92	62.93	14.48	60.89	14.04	56.81	13.17
	11	9.8	73.46	16.18	69.38	15.30	65.29	14.45	62.93	14.01	60.89	13.60	56.81	12.76
	13	11.8	73.46	15.66	69.38	14.81	65.29	13.98	62.93	13.57	60.89	13.17	56.81	12.37
	15	13.7	73.46	15.17	69.38	14.37	65.29	13.57	62.93	13.19	60.89	12.78	56.81	12.02
	19	14.2	73.46	14.70	69.38	13.80	65.29	13.08	62.93	12.59	60.89	12.34	56.81	11.49
	21	15	73.46	13.74	69.38	13.41	65.29	12.76	62.93	12.07	60.89	11.85	56.81	11.03

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 57. Heating capacity YV2VYT116KAS-D-X

YV2VYT116KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	81.08	21.24	81.08	22.50	81.08	23.74	80.97	24.37	80.97	25.01	80.97	26.26
	-12.6	-13	85.86	22.55	85.86	23.74	85.86	24.93	85.86	25.49	85.86	26.10	85.86	27.26
	-10.5	-11	91.07	23.71	91.07	24.84	91.07	25.94	91.07	26.49	91.07	27.07	91.07	28.10
	-9.5	-10	93.94	24.26	93.94	25.33	93.94	26.40	93.94	26.96	93.94	27.51	93.94	28.63
	-8.5	-9.1	96.07	24.71	96.07	25.78	96.07	26.82	96.07	27.35	96.07	27.81	96.07	28.92
	-7	-7.6	99.90	25.41	99.90	26.44	99.90	27.46	99.90	28.10	99.90	28.37	99.90	29.47
	-5	-5.6	105.00	26.26	105.00	27.23	105.00	28.10	105.00	28.63	105.00	29.19	105.00	30.03
	-3	-3.7	109.78	27.04	109.78	27.81	109.78	28.92	109.78	29.47	109.78	29.74	109.78	30.85
	0	-0.7	117.54	28.10	117.54	28.92	117.54	29.74	117.54	30.29	117.54	30.56	117.54	31.40
	3	2.2	124.67	28.92	124.67	29.74	124.67	30.56	124.67	30.85	124.67	31.40	124.67	32.22
	5	4.1	129.66	29.47	129.66	30.29	129.66	31.11	129.66	31.40	129.66	31.95	129.66	32.49
	8.3	6.1	134.55	30.03	134.55	30.85	134.55	31.40	134.55	31.95	134.55	32.22	134.55	33.04
	9	7.9	139.34	30.29	139.23	31.11	139.23	31.95	139.23	32.22	139.23	32.49	139.23	33.33
	11	9.8	144.12	30.85	144.12	31.40	144.12	32.22	144.12	32.49	144.12	33.04	144.12	33.59
	13	11.8	148.34	31.11	148.34	31.95	148.34	32.49	148.34	33.04	148.34	33.33	148.34	33.88
	15	13.7	154.12	31.67	154.01	32.22	154.01	32.77	154.01	33.33	154.01	33.59	152.42	33.59
	19	14.2	154.12	31.96	154.01	32.56	154.01	33.08	154.01	33.61	154.01	33.91	152.42	32.93
	21	15	154.12	32.19	154.01	32.88	154.01	33.39	154.01	33.80	154.01	33.37	152.42	32.59
120	-14.7	-15	81.08	22.93	80.97	24.10	80.97	25.24	80.97	25.83	80.97	26.40	80.97	27.54
	-12.6	-13	85.86	24.16	85.86	25.23	85.86	26.31	85.86	26.87	85.86	27.43	85.86	28.63
	-10.5	-11	91.07	25.23	91.07	26.24	91.07	27.26	91.07	27.81	91.07	28.37	91.07	29.47
	-9.5	-10	93.94	25.73	93.94	26.70	93.94	27.81	93.94	28.10	93.94	28.63	93.94	29.74
	-8.5	-9.1	96.07	26.14	96.07	27.09	96.07	28.10	96.07	28.63	96.07	29.19	96.07	30.03
	-7	-7.6	99.90	26.79	99.90	27.81	99.90	28.63	99.90	29.19	99.90	29.52	99.90	30.56
	-5	-5.6	105.00	27.54	105.00	28.37	105.00	29.47	105.00	29.74	105.00	30.35	105.00	31.11
	-3	-3.7	109.78	28.37	109.78	29.19	109.78	30.03	109.78	30.29	109.78	30.91	109.78	31.67
	0	-0.7	117.54	29.19	117.54	30.03	117.54	30.85	117.54	31.11	117.54	31.67	117.54	32.49
	3	2.2	124.67	30.03	124.67	30.85	124.67	31.67	124.67	31.95	124.67	32.22	124.67	33.04
	5	4.1	129.66	30.56	129.66	31.11	129.66	31.95	129.66	32.22	129.66	32.77	129.66	33.33
	8.3	6.1	134.55	30.85	134.55	31.67	134.55	32.49	134.55	32.77	134.55	33.04	134.55	33.88
	9	7.9	139.23	31.40	139.23	31.95	139.23	32.77	139.23	33.04	139.23	33.33	139.23	34.15
	11	9.8	144.12	31.67	144.12	32.49	144.12	33.04	144.12	33.33	144.12	33.59	140.72	33.04
	13	11.8	148.34	32.22	148.34	32.77	148.34	33.33	148.34	33.59	148.34	34.15	140.72	31.95
	15	13.7	154.01	32.49	154.01	33.04	154.01	33.59	154.01	33.88	151.36	33.33	140.72	30.56
	19	14.2	154.01	32.76	154.01	33.33	154.01	33.63	154.01	33.56	151.36	32.76	140.72	29.83
	21	15	154.01	33.11	154.01	33.59	154.01	33.83	154.01	33.30	151.36	31.75	140.72	29.30
110	-14.7	-15	80.97	24.62	80.97	25.71	80.97	26.70	80.97	27.26	80.97	27.81	80.97	28.92
	-12.6	-13	85.86	25.75	85.86	26.74	85.86	27.81	85.86	28.37	85.86	28.63	85.86	29.74
	-10.5	-11	91.07	26.70	91.07	27.54	91.07	28.63	91.07	29.19	91.07	29.47	91.07	30.56
	-9.5	-10	93.94	27.17	93.94	28.10	93.94	28.92	93.94	29.52	93.94	30.03	93.94	30.85
	-8.5	-9.1	96.07	27.54	96.07	28.37	96.07	29.47	96.07	29.80	96.07	30.29	96.07	31.11
	-7	-7.6	99.90	28.10	99.90	28.92	99.90	29.74	99.90	30.35	99.90	30.85	99.90	31.67
	-5	-5.6	105.00	28.92	105.00	29.74	105.00	30.56	105.00	30.91	105.00	31.40	105.00	32.22
	-3	-3.7	109.78	29.47	109.78	30.29	109.78	31.11	109.78	31.36	109.78	31.95	109.78	32.49
	0	-0.7	117.54	30.29	117.44	31.11	117.44	31.95	117.44	32.19	117.44	32.49	117.44	33.33
	3	2.2	124.67	31.11	124.67	31.95	124.67	32.49	124.67	32.77	124.67	33.33	124.67	33.88
	5	4.1	129.66	31.67	129.66	32.22	129.66	32.77	129.66	33.33	129.66	33.59	129.02	33.88
	8.3	6.1	134.55	31.95	134.55	32.49	134.55	33.33	134.55	33.59	134.55	33.88	129.02	32.49
	9	7.9	139.23	32.49	139.23	33.04	139.23	33.59	139.23	33.88	138.28	33.88	129.02	31.11
	11	9.8	144.12	32.77	144.12	33.33	144.12	33.88	143.17	33.88	138.28	32.49	129.02	30.03
	13	11.8	148.34	33.04	148.34	33.59	148.17	33.59	143.17	32.49	138.28	31.11	129.02	28.92
	15	13.7	154.12	33.33	154.12	33.88	148.17	32.49	143.17	31.40	138.28	30.03	129.02	27.81
	19	14.2	154.12	31.14	154.12	33.56	148.17	31.43	143.17	30.12	138.28	29.01	129.02	26.90
	21	15	154.12	31.40	154.12	32.59	148.17	29.76	143.17	29.22	138.28	28.20	129.02	26.51

To be continued

Continued

YV2VYT116KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	80.97	26.31	80.97	27.29	80.97	28.37	80.97	28.63	80.97	29.19	80.97	30.29
	-12.6	-13	85.86	27.35	85.86	28.37	85.86	29.19	85.86	29.47	85.86	30.03	85.86	30.85
	-10.5	-11	91.07	28.37	91.07	29.19	91.07	30.03	91.07	30.29	91.07	30.85	91.07	31.67
	-9.5	-10	93.94	28.63	93.94	29.47	93.94	30.29	93.94	30.85	93.94	31.11	93.94	31.95
	-8.5	-9.1	96.07	28.92	96.07	29.74	96.07	30.56	96.07	31.16	96.07	31.40	96.07	32.22
	-7	-7.6	99.90	29.47	99.90	30.29	99.90	31.11	99.90	31.35	99.90	31.95	99.90	32.77
	-5	-5.6	105.00	30.29	105.00	30.85	105.00	31.67	105.00	31.91	105.00	32.49	105.00	33.04
	-3	-3.7	109.78	30.85	109.78	31.40	109.78	32.22	109.78	32.47	109.78	32.77	109.78	33.59
	0	-0.7	117.44	31.67	117.44	32.22	117.44	32.77	117.44	33.32	117.44	33.59	117.22	34.15
	3	2.2	124.67	32.22	124.67	32.77	124.67	33.59	124.67	33.88	124.67	34.15	117.43	31.95
	5	4.1	129.66	32.49	129.66	33.33	129.66	33.88	129.66	34.15	127.30	33.04	117.43	30.56
	8.3	6.1	134.55	33.04	134.55	33.59	134.55	34.80	130.30	32.77	125.94	31.67	117.43	29.19
	9	7.9	139.23	33.33	139.23	33.88	134.55	32.77	130.30	31.67	125.94	30.29	117.43	28.10
	11	9.8	144.12	33.59	143.17	33.88	134.55	31.40	130.30	30.29	125.94	29.19	117.43	27.02
	13	11.8	148.34	33.88	143.17	32.49	134.55	30.29	130.30	29.19	125.94	28.10	117.43	26.00
	15	13.7	151.68	33.33	143.17	31.40	134.55	29.19	130.30	28.10	125.94	27.09	117.43	25.10
	19	14.2	151.68	32.44	143.17	30.32	134.55	28.46	130.30	26.92	125.94	26.05	117.43	24.42
	21	15	151.68	31.40	143.17	29.01	134.55	27.39	130.30	26.51	125.94	25.27	117.43	23.87
90	-14.7	-15	80.97	28.10	80.97	28.92	80.97	29.74	80.97	30.29	80.97	30.56	80.97	31.40
	-12.6	-13	85.86	28.92	85.86	29.74	85.86	30.56	85.86	30.85	85.86	31.40	85.86	32.22
	-10.5	-11	91.07	29.74	91.07	30.56	91.07	31.40	91.07	31.67	91.07	31.95	91.07	32.77
	-9.5	-10	93.94	30.03	93.94	30.85	93.94	31.67	93.94	31.95	93.94	32.22	93.94	33.04
	-8.5	-9.1	96.07	30.29	96.07	31.11	96.07	31.95	96.07	32.22	96.07	32.49	96.07	33.33
	-7	-7.6	99.90	30.85	99.90	31.67	99.90	32.22	99.90	32.77	99.90	33.04	99.79	33.59
	-5	-5.6	105.00	31.40	105.00	32.22	105.00	32.77	105.00	33.04	105.00	33.59	104.35	34.15
	-3	-3.7	109.78	31.95	109.78	32.77	109.78	33.33	109.78	33.59	109.78	33.88	105.30	32.77
	0	-0.7	117.44	32.77	117.44	33.33	117.44	33.88	116.79	34.15	113.17	32.77	105.30	30.29
	3	2.2	124.67	33.33	124.67	33.88	121.15	33.04	116.90	31.95	113.17	30.56	105.30	28.37
	5	4.1	129.66	33.59	129.03	33.88	121.15	31.67	116.90	30.56	113.17	29.19	105.30	27.09
	8.3	6.1	134.55	33.88	129.03	32.49	121.15	30.29	116.90	29.19	113.17	28.10	105.30	26.02
	9	7.9	136.79	33.33	129.03	31.11	121.15	29.19	116.90	28.10	113.17	27.04	105.30	25.03
	11	9.8	136.79	31.95	129.03	30.03	121.15	28.10	116.90	26.99	113.17	26.02	105.30	24.13
	13	11.8	136.79	30.85	129.03	28.92	121.15	26.90	116.90	25.97	113.17	25.06	105.30	23.25
	15	13.7	136.79	29.74	129.03	27.81	121.15	25.97	116.90	25.10	113.17	24.21	105.30	22.45
	19	14.2	136.79	29.01	129.03	27.03	121.15	25.15	116.90	24.34	113.17	23.34	105.30	21.64
	21	15	136.79	27.94	129.03	26.02	121.15	24.69	116.90	23.54	113.17	22.51	105.30	20.75
80	-14.7	-15	80.97	29.74	80.97	30.56	80.97	31.40	80.97	31.67	80.97	31.95	80.97	32.77
	-12.6	-13	85.86	30.56	85.86	31.11	85.86	31.95	85.86	32.22	85.86	32.77	85.86	33.33
	-10.5	-11	91.07	31.11	91.07	31.95	91.07	32.49	91.07	33.04	91.07	33.33	90.85	33.88
	-9.5	-10	93.94	31.67	93.94	32.22	93.94	32.77	93.94	33.33	93.94	33.59	93.08	34.15
	-8.5	-9.1	96.07	31.95	96.07	32.49	96.07	33.04	96.07	33.59	96.07	33.88	93.71	33.59
	-7	-7.6	99.90	32.22	99.90	32.77	99.79	33.59	99.79	33.88	99.25	34.15	93.71	31.95
	-5	-5.6	105.00	32.77	105.00	33.33	105.00	33.88	103.92	34.15	100.73	32.77	93.71	30.29
	-3	-3.7	109.78	33.33	109.78	33.88	107.64	33.59	103.92	32.22	100.73	31.11	93.71	28.63
	0	-0.7	117.44	33.88	114.45	33.33	107.64	31.11	103.92	30.03	100.73	28.63	93.71	26.61
	3	2.2	121.36	33.04	114.45	31.11	107.64	28.92	103.92	27.81	100.73	26.87	93.71	24.90
	5	4.1	121.36	31.67	114.45	29.74	107.64	27.81	103.92	26.70	100.73	25.75	93.71	23.87
	8.3	6.1	121.36	30.29	114.45	28.37	107.64	26.58	103.92	25.67	100.73	24.76	93.71	22.96
	9	7.9	121.36	29.19	114.45	27.35	107.64	25.55	103.92	24.67	100.73	23.81	93.71	22.11
	11	9.8	121.36	28.10	114.45	26.31	107.64	24.62	103.92	23.79	100.73	22.96	93.71	21.31
	13	11.8	121.36	27.02	114.45	25.33	107.64	23.71	103.92	22.91	100.73	22.11	93.71	20.56
	15	13.7	121.36	26.08	114.45	24.24	107.64	22.91	103.92	22.14	100.73	21.39	93.71	19.91
	19	14.2	121.36	25.18	114.45	23.81	107.64	21.99	103.92	21.32	100.73	20.48	93.71	19.42
	21	15	121.36	24.46	114.45	22.78	107.64	21.42	103.92	20.64	100.73	19.79	93.71	18.39

To be continued

Continued

YV2VYT116KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	80.97	31.40	80.97	32.22	80.97	32.77	80.97	33.04	80.97	33.33	80.11	34.15
	-12.6	-13	85.86	32.22	85.86	32.77	85.86	33.33	85.86	33.59	85.32	34.15	82.01	32.77
	-10.5	-11	91.07	32.77	91.07	33.33	90.96	33.88	90.10	34.15	88.07	33.04	82.01	30.56
	-9.5	-10	93.94	33.04	93.94	33.59	93.19	34.15	91.05	33.33	88.07	31.95	82.01	29.47
	-8.5	-9.1	96.07	33.33	96.07	33.88	94.35	33.59	91.05	32.49	88.07	31.11	82.01	28.92
	-7	-7.6	99.79	33.59	99.14	34.15	94.35	32.22	91.05	30.85	88.07	29.74	82.01	27.54
	-5	-5.6	104.68	34.15	100.20	32.49	94.35	30.29	91.05	29.19	88.07	28.10	82.01	26.08
	-3	-3.7	106.26	33.04	100.20	30.85	94.35	28.92	91.05	27.81	88.07	26.79	82.01	24.81
	0	-0.7	106.26	30.56	100.20	28.63	94.35	26.74	91.05	25.80	88.07	24.86	82.01	23.08
	3	2.2	106.26	28.63	100.20	26.74	94.35	24.98	91.05	24.13	88.07	23.31	82.01	21.63
	5	4.1	106.26	27.32	100.20	25.64	94.35	23.99	91.05	23.16	88.07	22.37	82.01	20.80
	8.3	6.1	106.26	26.21	100.20	24.62	94.35	23.05	91.05	22.28	88.07	21.50	82.01	20.02
	9	7.9	106.26	25.23	100.20	23.69	94.35	22.19	91.05	21.45	88.07	20.74	82.01	19.31
	11	9.8	106.26	24.29	100.20	22.83	94.35	21.42	91.05	20.70	88.07	19.85	82.01	18.64
	13	11.8	106.26	23.40	100.20	22.00	94.35	20.65	91.05	20.00	88.07	19.31	82.01	18.01
	15	13.7	106.26	22.61	100.20	21.29	94.35	20.00	91.05	19.33	88.07	18.69	82.01	17.45
	19	14.2	106.26	21.47	100.20	20.70	94.35	19.44	91.05	18.43	88.07	17.64	82.01	16.74
	21	15	106.26	20.70	100.20	19.68	94.35	18.56	91.05	17.58	88.07	16.76	82.01	15.82
60	-14.7	-15	80.97	33.04	80.97	33.59	79.78	34.15	78.07	33.04	75.63	31.95	70.31	29.47
	-12.6	-13	85.86	33.59	84.78	34.15	80.73	31.95	78.07	30.85	75.63	29.74	70.31	27.48
	-10.5	-11	90.10	34.15	85.73	32.22	80.73	30.03	78.07	28.92	75.63	27.81	70.31	25.78
	-9.5	-10	91.05	33.33	85.73	31.11	80.73	29.19	78.07	28.10	75.63	27.02	70.31	25.01
	-8.5	-9.1	91.05	32.49	85.73	30.29	80.73	28.37	78.07	27.29	75.63	26.29	70.31	24.37
	-7	-7.6	91.05	30.85	85.73	28.92	80.73	27.07	78.07	26.10	75.63	25.20	70.31	23.35
	-5	-5.6	91.05	29.19	85.73	27.41	80.73	25.62	78.07	24.73	75.63	23.84	70.31	22.14
	-3	-3.7	91.05	27.81	85.73	26.05	80.73	24.37	78.07	23.55	75.63	22.72	70.31	21.12
	0	-0.7	91.05	25.78	85.73	24.21	80.73	22.67	78.07	21.92	75.63	21.17	70.31	19.69
	3	2.2	91.05	24.13	85.73	22.67	80.73	21.26	78.07	20.56	75.63	19.88	70.31	18.54
	5	4.1	91.05	23.16	85.73	21.78	80.73	20.44	78.07	19.76	75.63	19.11	70.31	17.82
	8.3	6.1	91.05	22.25	85.73	20.95	80.73	19.69	78.07	19.05	75.63	18.43	70.31	17.18
	9	7.9	91.05	21.45	85.73	20.22	80.73	18.98	78.07	18.40	75.63	17.79	70.31	16.60
	11	9.8	91.05	20.70	85.73	19.49	80.73	18.35	78.07	17.77	75.63	17.18	70.31	16.09
	13	11.8	91.05	19.97	85.73	18.84	80.73	17.70	78.07	17.15	75.63	16.62	70.31	15.56
	15	13.7	91.05	19.33	85.73	18.22	80.73	17.15	78.07	16.62	75.63	16.12	70.31	15.10
	19	14.2	91.05	18.78	85.73	17.35	80.73	16.63	78.07	16.12	75.63	15.51	70.31	14.43
	21	15	91.05	18.00	85.73	16.85	80.73	15.93	78.07	15.59	75.63	15.00	70.31	13.88
50	-14.7	-15	75.84	31.95	71.48	30.03	67.33	28.10	64.99	27.04	62.86	26.05	58.50	24.16
	-12.6	-13	75.84	30.03	71.48	28.10	67.33	26.17	64.99	25.27	62.86	24.37	58.50	22.61
	-10.5	-11	75.84	28.10	71.48	26.26	67.33	24.56	64.99	23.74	62.86	22.91	58.50	21.29
	-9.5	-10	75.84	27.16	71.48	25.47	67.33	23.84	64.99	23.05	62.86	22.25	58.50	20.68
	-8.5	-9.1	75.84	26.44	71.48	24.81	67.33	23.25	64.99	22.45	62.86	21.68	58.50	20.15
	-7	-7.6	75.84	25.33	71.48	23.79	67.33	22.28	64.99	21.53	62.86	20.83	58.50	19.39
	-5	-5.6	75.84	23.99	71.48	22.55	67.33	21.15	64.99	20.46	62.86	19.76	58.50	18.43
	-3	-3.7	75.84	22.85	71.48	21.50	67.33	20.19	64.99	19.52	62.86	18.89	58.50	17.62
	0	-0.7	75.84	21.29	71.48	20.05	67.33	18.84	64.99	18.25	62.86	17.65	58.50	16.50
	3	2.2	75.84	19.97	71.48	18.84	67.33	17.74	64.99	17.18	62.86	16.62	58.50	15.56
	5	4.1	75.84	19.23	71.48	18.15	67.33	17.08	64.99	16.55	62.86	15.91	58.50	15.00
	8.3	6.1	75.84	18.51	71.48	17.49	67.33	16.46	64.99	15.98	62.86	15.48	58.50	14.52
	9	7.9	75.84	17.87	71.48	16.88	67.33	15.93	64.99	15.45	62.86	14.98	58.50	14.05
	11	9.8	75.84	17.26	71.48	16.33	67.33	15.42	64.99	14.95	62.86	14.52	58.50	13.61
	13	11.8	75.84	16.72	71.48	15.80	67.33	14.92	64.99	14.49	62.86	14.05	58.50	13.19
	15	13.7	75.84	16.19	71.48	15.34	67.33	14.49	64.99	14.07	62.86	13.64	58.50	12.84
	19	14.2	75.84	15.69	71.48	14.73	67.33	13.97	64.99	13.45	62.86	13.16	58.50	12.27
	21	15	75.84	14.66	71.48	14.32	67.33	13.61	64.99	12.88	62.86	12.65	58.50	11.77

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 58. Heating capacity YV2VYT119KAS-D-X

YV2VYT119KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	83.00	22.57	83.00	23.92	83.00	25.23	82.89	25.91	82.89	26.59	82.89	27.92
	-12.6	-13	88.06	23.98	88.06	25.23	88.06	26.50	88.06	27.10	88.06	27.75	88.06	28.99
	-10.5	-11	93.43	25.20	93.43	26.42	93.43	27.57	93.43	28.17	93.43	28.77	93.43	29.87
	-9.5	-10	96.38	25.79	96.38	26.92	96.38	28.06	96.38	28.65	96.38	29.25	96.38	30.43
	-8.5	-9.1	98.59	26.25	98.59	27.41	98.59	28.51	98.59	29.07	98.59	29.56	98.59	30.75
	-7	-7.6	102.49	27.01	102.49	28.11	102.49	29.19	102.49	29.87	102.49	30.15	102.49	31.32
	-5	-5.6	107.76	27.92	107.76	28.94	107.76	29.87	107.76	30.43	107.76	31.03	107.76	31.91
	-3	-3.7	112.82	28.74	112.82	29.56	112.82	30.75	112.82	31.32	112.82	31.62	112.82	32.79
	0	-0.7	120.93	29.87	120.93	30.75	120.93	31.62	120.93	32.19	120.93	32.50	120.93	33.38
	3	2.2	128.30	30.75	128.30	31.62	128.30	32.50	128.30	32.79	128.30	33.38	128.30	34.26
	5	4.1	133.57	31.32	133.57	32.19	133.57	33.07	133.57	33.38	133.57	33.96	133.57	34.54
	8.3	6.1	138.63	31.91	138.63	32.79	138.63	33.38	138.63	33.96	138.63	34.26	138.63	35.13
	9	7.9	143.58	32.19	143.47	33.07	143.47	33.96	143.47	34.26	143.47	34.54	143.47	35.42
	11	9.8	148.64	32.79	148.64	33.38	148.64	34.26	148.64	34.54	148.64	35.13	148.64	35.70
	13	11.8	154.18	33.07	154.18	33.96	154.18	34.54	154.18	35.13	154.18	35.42	154.18	36.02
	15	13.7	159.07	33.66	158.86	34.26	158.86	34.83	158.86	35.42	158.86	35.70	156.97	35.70
	19	14.2	159.07	33.98	158.86	34.60	158.86	35.16	158.86	35.73	158.86	36.04	156.97	35.00
	21	15	159.07	34.23	158.86	34.94	158.86	35.50	158.86	35.93	158.86	35.48	156.97	34.64
120	-14.7	-15	83.00	24.38	82.89	25.62	82.89	26.84	82.89	27.46	82.89	28.06	82.89	29.28
	-12.6	-13	88.06	25.68	88.06	26.82	88.06	27.97	88.06	28.57	88.06	29.16	88.06	30.43
	-10.5	-11	93.43	26.82	93.43	27.90	93.43	28.99	93.43	29.56	93.43	30.15	93.43	31.32
	-9.5	-10	96.38	27.35	96.38	28.39	96.38	29.56	96.38	29.87	96.38	30.43	96.38	31.62
	-8.5	-9.1	98.59	27.78	98.59	28.79	98.59	29.87	98.59	30.43	98.59	31.03	98.59	31.91
	-7	-7.6	102.49	28.48	102.49	29.56	102.49	30.43	102.49	31.03	102.49	31.41	102.49	32.50
	-5	-5.6	107.76	29.28	107.76	30.15	107.76	31.32	107.76	31.62	107.76	32.26	107.76	33.07
	-3	-3.7	112.82	30.15	112.82	31.03	112.82	31.91	112.82	32.19	112.82	32.83	112.82	33.66
	0	-0.7	120.93	31.03	120.93	31.91	120.93	32.79	120.93	33.07	120.93	33.66	120.93	34.54
	3	2.2	128.30	31.91	128.30	32.79	128.30	33.66	128.30	33.96	128.30	34.26	128.30	35.13
	5	4.1	133.57	32.50	133.57	33.07	133.57	33.96	133.57	34.26	133.57	34.83	133.57	35.42
	8.3	6.1	138.63	32.79	138.63	33.66	138.63	34.54	138.63	34.83	138.63	35.13	138.63	36.02
	9	7.9	143.47	33.38	143.47	33.96	143.47	34.83	143.47	35.13	143.47	35.42	143.47	36.30
	11	9.8	148.64	33.66	148.64	34.54	148.64	35.13	148.64	35.42	148.64	35.70	144.95	35.13
	13	11.8	154.18	34.26	154.18	34.83	154.18	35.42	154.18	35.70	154.18	36.30	144.95	33.96
	15	13.7	158.86	34.54	158.86	35.13	158.86	35.70	158.86	36.02	155.92	35.42	144.95	32.50
	19	14.2	158.86	34.83	158.86	35.42	158.86	35.76	158.86	35.67	155.92	34.83	144.95	31.71
	21	15	158.86	35.20	158.86	35.70	158.86	35.96	158.86	35.39	155.92	33.75	144.95	31.15
110	-14.7	-15	82.89	26.17	82.89	27.32	82.89	28.39	82.89	28.99	82.89	29.56	82.89	30.75
	-12.6	-13	88.06	27.38	88.06	28.43	88.06	29.56	88.06	30.15	88.06	30.43	88.06	31.62
	-10.5	-11	93.43	28.39	93.43	29.28	93.43	30.43	93.43	31.03	93.43	31.32	93.43	32.50
	-9.5	-10	96.38	28.88	96.38	29.87	96.38	30.75	96.38	31.41	96.38	31.91	96.38	32.79
	-8.5	-9.1	98.59	29.28	98.59	30.15	98.59	31.32	98.59	31.69	98.59	32.19	98.59	33.07
	-7	-7.6	102.49	29.87	102.49	30.75	102.49	31.62	102.49	32.26	102.49	32.79	102.49	33.66
	-5	-5.6	107.76	30.75	107.76	31.62	107.76	32.50	107.76	32.83	107.76	33.38	107.76	34.26
	-3	-3.7	112.82	31.32	112.82	32.19	112.82	33.07	112.82	33.40	112.82	33.96	112.82	34.54
	0	-0.7	120.93	32.19	120.82	33.07	120.82	33.96	120.82	34.26	120.82	34.54	120.82	35.42
	3	2.2	128.30	33.07	128.30	33.96	128.30	34.54	128.30	34.83	128.30	35.42	128.30	36.02
	5	4.1	133.57	33.66	133.57	34.26	133.57	34.83	133.57	35.42	133.57	35.70	132.83	36.02
	8.3	6.1	138.63	33.96	138.63	34.54	138.63	35.42	138.63	35.70	138.63	36.02	132.83	34.54
	9	7.9	143.47	34.54	143.47	35.13	143.47	35.70	143.47	36.02	142.42	36.02	132.83	33.07
	11	9.8	148.64	34.83	148.64	35.42	148.64	36.02	147.48	36.02	142.42	34.54	132.83	31.91
	13	11.8	154.18	35.13	154.18	35.70	152.54	35.70	147.48	34.54	142.42	33.07	132.83	30.75
	15	13.7	159.07	35.42	159.07	36.02	152.54	34.54	147.48	33.38	142.42	31.91	132.83	29.56
	19	14.2	159.07	33.10	159.07	35.67	152.54	33.42	147.48	32.02	142.42	30.83	132.83	28.60
	21	15	159.07	33.38	159.07	34.64	152.54	31.63	147.48	31.06	142.42	29.98	132.83	28.18

To be continued

Continued

YV2VYT119KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	82.89	27.97	82.89	29.02	82.89	30.15	82.89	30.43	82.89	31.03	82.89	32.19
	-12.6	-13	88.06	29.07	88.06	30.15	88.06	31.03	88.06	31.32	88.06	31.91	88.06	32.79
	-10.5	-11	93.43	30.15	93.43	31.03	93.43	31.91	93.43	32.19	93.43	32.79	93.43	33.66
	-9.5	-10	96.38	30.43	96.38	31.32	96.38	32.19	96.38	32.79	96.38	33.07	96.38	33.96
	-8.5	-9.1	98.59	30.75	98.59	31.62	98.59	32.50	98.59	33.07	98.59	33.38	98.59	34.26
	-7	-7.6	102.49	31.32	102.49	32.19	102.49	33.07	102.49	33.38	102.49	33.96	102.49	34.83
	-5	-5.6	107.76	32.19	107.76	32.79	107.76	33.66	107.76	33.96	107.76	34.54	107.76	35.13
	-3	-3.7	112.82	32.79	112.82	33.38	112.82	34.26	112.82	34.54	112.82	34.83	112.82	35.70
	0	-0.7	120.82	33.66	120.82	34.26	120.82	34.83	120.82	35.42	120.82	35.70	120.50	36.30
	3	2.2	128.30	34.26	128.30	34.83	128.30	35.70	128.30	36.02	128.30	36.30	120.92	33.96
	5	4.1	133.57	34.54	133.57	35.42	133.57	36.02	133.57	36.30	132.50	35.13	120.92	32.50
	8.3	6.1	138.63	35.13	138.63	35.70	138.63	37.78	134.20	34.83	129.77	33.66	120.92	31.03
	9	7.9	143.47	35.42	143.47	36.02	138.63	34.83	134.20	33.66	129.77	32.19	120.92	29.87
	11	9.8	148.64	35.70	147.48	36.02	138.63	33.38	134.20	32.19	129.77	31.03	120.92	28.72
	13	11.8	154.18	36.02	147.48	34.54	138.63	32.19	134.20	31.03	129.77	29.87	120.92	27.64
	15	13.7	156.34	35.42	147.48	33.38	138.63	31.03	134.20	29.87	129.77	28.79	120.92	26.68
	19	14.2	156.34	34.48	147.48	32.23	138.63	30.26	134.20	28.62	129.77	27.69	120.92	25.96
	21	15	156.34	33.38	147.48	30.83	138.63	29.11	134.20	28.18	129.77	26.87	120.92	25.37
90	-14.7	-15	82.89	29.87	82.89	30.75	82.89	31.62	82.89	32.19	82.89	32.50	82.89	33.38
	-12.6	-13	88.06	30.75	88.06	31.62	88.06	32.50	88.06	32.79	88.06	33.38	88.06	34.26
	-10.5	-11	93.43	31.62	93.43	32.50	93.43	33.38	93.43	33.66	93.43	33.96	93.43	34.83
	-9.5	-10	96.38	31.91	96.38	32.79	96.38	33.66	96.38	33.96	96.38	34.26	96.38	35.13
	-8.5	-9.1	98.59	32.19	98.59	33.07	98.59	33.96	98.59	34.26	98.59	34.54	98.59	35.42
	-7	-7.6	102.49	32.79	102.49	33.66	102.49	34.26	102.49	34.83	102.49	35.13	102.39	35.70
	-5	-5.6	107.76	33.38	107.76	34.26	107.76	34.83	107.76	35.13	107.76	35.70	107.11	36.30
	-3	-3.7	112.82	33.96	112.82	34.83	112.82	35.42	112.82	35.70	112.82	36.02	108.58	34.83
	0	-0.7	120.82	34.83	120.82	35.42	120.82	36.02	120.28	36.30	116.70	34.83	108.58	32.19
	3	2.2	128.30	35.42	128.30	36.02	124.71	35.13	120.49	33.96	116.70	32.50	108.58	30.15
	5	4.1	133.57	35.70	132.73	36.02	124.71	33.66	120.49	32.50	116.70	31.03	108.58	28.79
	8.3	6.1	138.63	36.02	132.73	34.54	124.71	32.19	120.49	31.03	116.70	29.87	108.58	27.66
	9	7.9	140.84	35.42	132.73	33.07	124.71	31.03	120.49	29.87	116.70	28.74	108.58	26.61
	11	9.8	140.84	33.96	132.73	31.91	124.71	29.87	120.49	28.68	116.70	27.66	108.58	25.65
	13	11.8	140.84	32.79	132.73	30.75	124.71	28.60	120.49	27.60	116.70	26.64	108.58	24.71
	15	13.7	140.84	31.62	132.73	29.56	124.71	27.60	120.49	26.68	116.70	25.74	108.58	23.87
	19	14.2	140.84	30.83	132.73	28.74	124.71	26.73	120.49	25.88	116.70	24.81	108.58	22.99
	21	15	140.84	29.70	132.73	27.66	124.71	26.24	120.49	25.02	116.70	23.92	108.58	22.05
80	-14.7	-15	82.89	31.62	82.89	32.50	82.89	33.38	82.89	33.66	82.89	33.96	82.89	34.83
	-12.6	-13	88.06	32.50	88.06	33.07	88.06	33.96	88.06	34.26	88.06	34.83	88.06	35.42
	-10.5	-11	93.43	33.07	93.43	33.96	93.43	34.54	93.43	35.13	93.43	35.42	93.21	36.02
	-9.5	-10	96.38	33.66	96.38	34.26	96.38	34.83	96.38	35.42	96.38	35.70	95.52	36.30
	-8.5	-9.1	98.59	33.96	98.59	34.54	98.59	35.13	98.59	35.70	98.59	36.02	96.57	35.70
	-7	-7.6	102.49	34.26	102.49	34.83	102.39	35.70	102.39	36.02	101.85	36.30	96.57	33.96
	-5	-5.6	107.76	34.83	107.76	35.42	107.76	36.02	107.00	36.30	103.73	34.83	96.57	32.19
	-3	-3.7	112.82	35.42	112.82	36.02	110.90	35.70	107.00	34.26	103.73	33.07	96.57	30.43
	0	-0.7	120.82	36.02	117.86	35.42	110.90	33.07	107.00	31.91	103.73	30.43	96.57	28.29
	3	2.2	124.92	35.13	117.86	33.07	110.90	30.75	107.00	29.56	103.73	28.57	96.57	26.47
	5	4.1	124.92	33.66	117.86	31.62	110.90	29.56	107.00	28.39	103.73	27.38	96.57	25.37
	8.3	6.1	124.92	32.19	117.86	30.15	110.90	28.25	107.00	27.29	103.73	26.31	96.57	24.41
	9	7.9	124.92	31.03	117.86	29.07	110.90	27.15	107.00	26.22	103.73	25.32	96.57	23.50
	11	9.8	124.92	29.87	117.86	27.97	110.90	26.17	107.00	25.28	103.73	24.41	96.57	22.65
	13	11.8	124.92	28.72	117.86	26.92	110.90	25.20	107.00	24.35	103.73	23.50	96.57	21.86
	15	13.7	124.92	27.72	117.86	25.77	110.90	24.35	107.00	23.53	103.73	22.73	96.57	21.16
	19	14.2	124.92	26.76	117.86	25.32	110.90	23.38	107.00	22.66	103.73	21.77	96.57	20.64
	21	15	124.92	26.00	117.86	24.21	110.90	22.77	107.00	21.95	103.73	21.04	96.57	19.54

To be continued

Continued

YV2VYT119KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	82.89	33.38	82.89	34.26	82.89	34.83	82.89	35.13	82.89	35.42	82.03	36.30
	-12.6	-13	88.06	34.26	88.06	34.83	88.06	35.42	88.06	35.70	87.52	36.30	84.55	34.83
	-10.5	-11	93.43	34.83	93.43	35.42	93.32	36.02	92.46	36.30	90.66	35.13	84.55	32.50
	-9.5	-10	96.38	35.13	96.38	35.70	95.63	36.30	93.72	35.42	90.66	33.96	84.55	31.32
	-8.5	-9.1	98.59	35.42	98.59	36.02	97.09	35.70	93.72	34.54	90.66	33.07	84.55	30.75
	-7	-7.6	102.39	35.70	101.74	36.30	97.09	34.26	93.72	32.79	90.66	31.62	84.55	29.28
	-5	-5.6	107.44	36.30	103.21	34.54	97.09	32.19	93.72	31.03	90.66	29.87	84.55	27.72
	-3	-3.7	109.32	35.13	103.21	32.79	97.09	30.75	93.72	29.56	90.66	28.48	84.55	26.38
	0	-0.7	109.32	32.50	103.21	30.43	97.09	28.43	93.72	27.43	90.66	26.44	84.55	24.53
	3	2.2	109.32	30.43	103.21	28.43	97.09	26.56	93.72	25.65	90.66	24.78	84.55	22.99
	5	4.1	109.32	29.05	103.21	27.26	97.09	25.51	93.72	24.61	90.66	23.78	84.55	22.11
	8.3	6.1	109.32	27.86	103.21	26.17	97.09	24.49	93.72	23.67	90.66	22.85	84.55	21.29
	9	7.9	109.32	26.82	103.21	25.17	97.09	23.59	93.72	22.80	90.66	22.05	84.55	20.53
	11	9.8	109.32	25.82	103.21	24.27	97.09	22.77	93.72	22.00	90.66	21.09	84.55	19.82
	13	11.8	109.32	24.88	103.21	23.39	97.09	21.95	93.72	21.27	90.66	20.53	84.55	19.14
	15	13.7	109.32	24.04	103.21	22.63	97.09	21.27	93.72	20.55	90.66	19.87	84.55	18.54
	19	14.2	109.32	22.82	103.21	22.00	97.09	20.67	93.72	19.59	90.66	18.75	84.55	17.79
	21	15	109.32	22.00	103.21	20.92	97.09	19.73	93.72	18.68	90.66	17.81	84.55	16.82
60	-14.7	-15	82.89	35.13	82.89	35.70	81.71	36.30	80.44	35.13	77.91	33.96	72.42	31.32
	-12.6	-13	88.06	35.70	86.98	36.30	83.18	33.96	80.44	32.79	77.91	31.62	72.42	29.21
	-10.5	-11	92.46	36.30	88.24	34.26	83.18	31.91	80.44	30.75	77.91	29.56	72.42	27.41
	-9.5	-10	93.72	35.42	88.24	33.07	83.18	31.03	80.44	29.87	77.91	28.72	72.42	26.59
	-8.5	-9.1	93.72	34.54	88.24	32.19	83.18	30.15	80.44	29.02	77.91	27.95	72.42	25.91
	-7	-7.6	93.72	32.79	88.24	30.75	83.18	28.77	80.44	27.75	77.91	26.78	72.42	24.83
	-5	-5.6	93.72	31.03	88.24	29.14	83.18	27.24	80.44	26.28	77.91	25.35	72.42	23.53
	-3	-3.7	93.72	29.56	88.24	27.69	83.18	25.91	80.44	25.03	77.91	24.15	72.42	22.45
	0	-0.7	93.72	27.41	88.24	25.74	83.18	24.09	80.44	23.31	77.91	22.51	72.42	20.93
	3	2.2	93.72	25.65	88.24	24.09	83.18	22.59	80.44	21.86	77.91	21.12	72.42	19.71
	5	4.1	93.72	24.61	88.24	23.16	83.18	21.72	80.44	21.01	77.91	20.33	72.42	18.94
	8.3	6.1	93.72	23.64	88.24	22.28	83.18	20.93	80.44	20.25	77.91	19.59	72.42	18.26
	9	7.9	93.72	22.80	88.24	21.49	83.18	20.16	80.44	19.56	77.91	18.91	72.42	17.65
	11	9.8	93.72	22.00	88.24	20.73	83.18	19.50	80.44	18.89	77.91	18.26	72.42	17.10
	13	11.8	93.72	21.23	88.24	20.02	83.18	18.82	80.44	18.23	77.91	17.67	72.42	16.53
	15	13.7	93.72	20.55	88.24	19.36	83.18	18.23	80.44	17.67	77.91	17.13	72.42	16.05
	19	14.2	93.72	19.96	88.24	18.44	83.18	17.69	80.44	17.13	77.91	16.48	72.42	15.35
	21	15	93.72	19.14	88.24	17.92	83.18	16.93	80.44	16.57	77.91	15.94	72.42	14.75
50	-14.7	-15	78.22	33.96	73.59	31.91	69.37	29.87	67.05	28.74	64.83	27.69	60.20	25.68
	-12.6	-13	78.22	31.91	73.59	29.87	69.37	27.81	67.05	26.87	64.83	25.91	60.20	24.04
	-10.5	-11	78.22	29.87	73.59	27.92	69.37	26.10	67.05	25.23	64.83	24.35	60.20	22.63
	-9.5	-10	78.22	28.86	73.59	27.08	69.37	25.35	67.05	24.49	64.83	23.64	60.20	21.98
	-8.5	-9.1	78.22	28.11	73.59	26.38	69.37	24.71	67.05	23.87	64.83	23.05	60.20	21.43
	-7	-7.6	78.22	26.92	73.59	25.28	69.37	23.67	67.05	22.89	64.83	22.14	60.20	20.61
	-5	-5.6	78.22	25.51	73.59	23.98	69.37	22.49	67.05	21.75	64.83	21.01	60.20	19.59
	-3	-3.7	78.22	24.29	73.59	22.85	69.37	21.46	67.05	20.76	64.83	20.08	60.20	18.74
	0	-0.7	78.22	22.63	73.59	21.32	69.37	20.02	67.05	19.40	64.83	18.77	60.20	17.53
	3	2.2	78.22	21.23	73.59	20.02	69.37	18.86	67.05	18.26	64.83	17.67	60.20	16.53
	5	4.1	78.22	20.44	73.59	19.29	69.37	18.15	67.05	17.58	64.83	17.12	60.20	15.94
	8.3	6.1	78.22	19.68	73.59	18.60	69.37	17.50	67.05	16.99	64.83	16.45	60.20	15.43
	9	7.9	78.22	19.00	73.59	17.95	69.37	16.93	67.05	16.43	64.83	15.92	60.20	14.93
	11	9.8	78.22	18.35	73.59	17.36	69.37	16.39	67.05	15.89	64.83	15.43	60.20	14.47
	13	11.8	78.22	17.78	73.59	16.79	69.37	15.85	67.05	15.40	64.83	14.93	60.20	14.02
	15	13.7	78.22	17.22	73.59	16.31	69.37	15.40	67.05	14.95	64.83	14.49	60.20	13.65
	19	14.2	78.22	16.68	73.59	15.66	69.37	14.86	67.05	14.30	64.83	13.99	60.20	13.05
	21	15	78.22	15.57	73.59	15.23	69.37	14.47	67.05	13.68	64.83	13.45	60.20	12.52

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 59. Heating capacity YV2VYT125KAS-D-X

YV2VYT125KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	86.94	23.69	86.94	25.07	86.94	26.42	86.94	27.10	86.94	27.79	86.94	29.16
	-12.6	-13	92.22	25.07	92.22	26.37	92.22	27.66	92.22	28.27	92.22	28.94	92.22	30.22
	-10.5	-11	97.71	26.31	97.71	27.53	97.71	28.73	97.71	29.34	97.71	29.93	97.71	31.08
	-9.5	-10	101.21	26.89	101.21	28.03	101.21	29.20	101.21	29.83	101.21	30.42	101.21	31.62
	-8.5	-9.1	104.07	27.33	104.07	28.51	104.07	29.64	104.07	30.24	104.07	30.74	104.07	31.94
	-7	-7.6	108.41	28.10	108.41	29.22	108.41	30.33	108.41	30.98	108.41	31.34	108.41	32.50
	-5	-5.6	114.01	28.99	114.01	30.05	114.01	31.02	114.01	31.60	114.01	32.18	114.01	33.12
	-3	-3.7	119.29	29.81	119.29	30.70	119.29	31.86	119.29	32.43	119.29	32.79	119.29	33.96
	0	-0.7	127.20	30.94	127.20	31.86	127.20	32.77	127.20	33.32	127.20	33.66	127.20	34.59
	3	2.2	134.47	31.84	134.47	32.72	134.47	33.62	134.47	33.96	134.47	34.51	134.47	35.45
	5	4.1	139.97	32.40	139.97	33.30	139.97	34.18	139.97	34.51	139.97	35.12	139.97	35.75
	8.3	6.1	145.36	32.98	145.36	33.87	145.36	34.51	145.36	35.03	145.36	35.45	145.36	36.29
	9	7.9	150.65	33.30	150.65	34.18	150.65	35.03	150.65	35.45	150.65	35.75	150.65	36.59
	11	9.8	156.36	33.88	156.36	34.51	156.36	35.45	156.36	35.75	156.36	36.29	156.36	36.90
	13	11.8	161.37	34.18	161.37	35.03	161.37	35.75	161.37	36.29	161.37	36.59	161.37	37.23
	15	13.7	166.48	34.72	166.27	35.36	166.27	36.05	166.27	36.59	166.27	36.90	164.38	37.07
	19	14.2	166.48	35.14	166.27	35.79	166.27	36.40	166.27	36.93	166.27	37.25	164.38	36.27
	21	15	166.48	35.51	166.27	36.22	166.27	36.75	166.27	37.16	166.27	36.90	164.38	35.55
120	-14.7	-15	86.94	25.55	86.94	26.81	86.94	28.06	86.94	28.69	86.94	29.29	86.94	30.56
	-12.6	-13	92.22	26.82	92.22	27.98	92.22	29.18	92.22	29.77	92.22	30.35	92.22	31.64
	-10.5	-11	97.71	27.94	97.71	29.02	97.71	30.18	97.71	30.74	97.71	31.34	97.71	32.53
	-9.5	-10	101.21	28.48	101.21	29.55	101.21	30.70	101.21	31.08	101.21	31.64	101.21	32.86
	-8.5	-9.1	104.07	28.89	104.07	29.94	104.07	31.02	104.07	31.60	104.07	32.18	104.07	33.12
	-7	-7.6	108.41	29.60	108.41	30.68	108.41	31.60	108.41	32.18	108.41	32.61	108.41	33.75
	-5	-5.6	114.01	30.40	114.01	31.32	114.01	32.44	114.01	32.81	114.01	33.45	114.01	34.27
	-3	-3.7	119.29	31.24	119.29	32.14	119.29	33.08	119.29	33.42	119.29	34.01	119.29	34.90
	0	-0.7	127.20	32.16	127.20	33.05	127.20	33.96	127.20	34.27	127.20	34.81	127.20	35.23
	3	2.2	134.47	33.03	134.47	33.88	134.47	34.81	134.47	35.12	134.47	35.45	134.47	36.37
	5	4.1	139.97	33.62	139.97	34.27	139.97	35.12	139.97	35.45	139.97	35.97	139.97	36.69
	8.3	6.1	145.36	33.96	145.36	34.81	145.36	35.66	145.36	35.97	145.36	36.29	145.36	37.23
	9	7.9	150.65	34.51	150.65	35.12	150.65	35.97	150.65	36.29	150.65	36.59	150.97	37.53
	11	9.8	156.36	34.81	156.36	35.66	156.36	36.29	156.36	36.59	156.36	36.90	152.02	36.47
	13	11.8	161.37	35.36	161.37	35.97	161.37	36.59	161.37	36.90	161.37	37.45	152.02	35.21
	15	13.7	166.27	35.66	166.27	36.29	166.27	36.90	166.27	37.23	163.12	36.77	152.02	33.75
	19	14.2	166.27	36.13	166.27	36.77	166.27	37.12	166.27	36.88	163.12	36.05	152.02	33.05
	21	15	166.27	36.60	166.27	36.81	166.27	36.92	166.27	36.40	163.12	34.87	152.02	32.49
110	-14.7	-15	86.94	27.36	86.94	28.55	86.94	29.64	86.94	30.25	86.94	30.84	86.94	32.00
	-12.6	-13	92.22	28.55	92.22	29.64	92.22	30.74	92.22	31.38	92.22	31.72	92.22	32.90
	-10.5	-11	97.71	29.56	97.71	30.48	97.71	31.64	97.71	32.22	97.71	32.57	97.71	33.75
	-9.5	-10	101.21	30.05	101.21	31.08	101.21	31.96	101.21	32.61	101.21	33.12	101.21	34.05
	-8.5	-9.1	104.07	30.44	104.07	31.38	104.07	32.48	104.07	32.93	104.07	33.42	104.07	34.35
	-7	-7.6	108.41	31.02	108.41	31.94	108.41	32.86	108.41	33.47	108.41	33.96	108.41	34.90
	-5	-5.6	114.01	31.88	114.01	32.79	114.01	33.66	114.01	34.09	114.01	34.59	114.01	35.45
	-3	-3.7	119.29	32.48	119.29	33.38	119.29	34.27	119.29	34.61	119.29	35.21	119.29	35.83
	0	-0.7	127.20	33.38	127.20	34.27	127.20	35.12	127.20	35.45	127.20	35.75	127.20	36.69
	3	2.2	134.47	34.27	134.47	35.12	134.47	35.75	134.47	36.05	134.47	36.59	134.47	37.23
	5	4.1	139.97	34.81	139.97	35.45	139.97	36.05	139.97	36.59	139.97	36.90	139.34	37.23
	8.3	6.1	145.36	35.12	145.36	35.75	145.36	36.59	145.36	36.90	145.36	37.23	139.34	35.66
	9	7.9	150.65	35.66	150.65	36.29	150.65	36.90	150.65	37.23	149.48	37.05	139.34	34.27
	11	9.8	156.36	35.97	156.36	36.59	156.36	37.23	154.66	37.31	149.48	35.83	139.34	33.08
	13	11.8	161.37	36.29	161.37	36.90	159.73	37.07	154.66	35.83	149.48	34.35	139.34	31.88
	15	13.7	166.48	36.59	166.48	37.23	159.95	35.83	154.66	34.59	149.48	33.16	139.34	30.66
	19	14.2	166.48	34.98	166.48	36.79	159.95	34.61	154.66	33.17	149.48	31.90	139.34	29.77
	21	15	166.48	35.02	166.48	35.73	159.95	32.99	154.66	32.12	149.48	31.06	139.34	29.28

To be continued

Continued

YV2VYT125KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	86.94	29.21	86.94	30.27	86.94	31.39	86.94	31.77	86.94	32.31	86.94	33.42
	-12.6	-13	92.22	30.29	92.22	31.38	92.22	32.27	92.22	32.62	92.22	33.20	92.22	34.13
	-10.5	-11	97.71	31.32	97.71	32.22	97.71	33.12	97.71	33.51	97.71	34.05	97.71	34.90
	-9.5	-10	101.21	31.64	101.21	32.53	101.21	33.42	101.21	33.96	101.21	34.35	101.21	35.21
	-8.5	-9.1	104.07	31.95	104.07	32.86	104.07	33.75	104.07	34.27	104.07	34.69	104.07	35.53
	-7	-7.6	108.41	32.53	108.41	33.42	108.41	34.27	108.41	34.69	108.41	35.21	108.41	36.05
	-5	-5.6	114.01	33.34	114.01	34.05	114.01	34.90	114.01	35.21	114.01	35.75	114.01	36.47
	-3	-3.7	119.29	33.96	119.29	34.59	119.29	35.45	119.29	35.75	119.29	36.13	119.29	36.99
	0	-0.7	127.20	34.81	127.20	35.45	127.20	36.05	127.20	36.59	127.20	36.90	126.23	37.36
	3	2.2	134.47	35.45	134.47	36.05	134.47	36.90	134.47	37.23	134.47	37.53	126.65	35.03
	5	4.1	139.97	35.75	139.97	36.59	139.97	37.23	139.97	37.53	138.78	36.29	126.65	33.54
	8.3	6.1	145.36	36.29	145.36	36.90	145.36	39.96	140.60	36.05	136.06	34.81	126.65	32.10
	9	7.9	150.65	36.59	150.43	37.23	145.36	36.05	140.60	34.81	136.06	33.34	126.65	30.90
	11	9.8	156.36	36.90	154.55	37.31	145.36	34.59	140.60	33.38	136.06	32.14	126.65	30.61
	13	11.8	161.37	37.23	154.55	35.75	145.36	33.38	140.60	32.15	136.06	30.98	126.65	28.66
	15	13.7	163.97	36.77	154.55	34.59	145.36	32.18	140.60	30.98	136.06	29.90	126.65	27.65
	19	14.2	163.97	35.70	154.55	33.44	145.36	31.38	140.60	29.69	136.06	28.62	126.65	26.72
	21	15	163.97	34.66	154.55	32.07	145.36	30.18	140.60	29.03	136.06	27.60	126.65	25.99
90	-14.7	-15	86.94	31.12	86.94	32.02	86.94	32.94	86.94	33.51	86.94	33.83	86.94	34.69
	-12.6	-13	92.22	32.00	92.22	32.90	92.22	33.75	92.22	34.13	92.22	34.59	92.22	35.53
	-10.5	-11	97.71	32.86	97.71	33.75	97.71	34.59	97.71	34.99	97.71	35.21	97.71	36.05
	-9.5	-10	101.21	33.17	101.21	34.05	101.21	34.99	101.21	35.29	101.21	35.53	101.21	36.47
	-8.5	-9.1	104.07	33.42	104.07	34.35	104.07	35.29	104.07	35.61	104.07	35.83	104.07	36.77
	-7	-7.6	108.41	34.05	108.41	34.90	108.41	35.61	108.41	36.13	108.41	36.47	108.41	37.07
	-5	-5.6	114.01	34.59	114.01	35.45	114.01	36.13	114.01	36.47	114.01	36.99	112.50	37.27
	-3	-3.7	119.29	35.21	119.29	36.05	119.29	36.69	119.29	36.99	119.29	37.31	113.96	35.88
	0	-0.7	127.20	36.05	127.20	36.69	127.20	37.31	126.23	37.27	122.31	35.97	113.96	32.99
	3	2.2	134.47	36.69	135.56	37.23	130.77	36.21	126.44	35.03	122.31	33.54	113.96	31.08
	5	4.1	139.97	36.99	138.91	37.23	130.77	34.72	126.44	33.54	122.31	32.10	113.96	29.75
	8.3	6.1	145.36	37.31	138.91	35.75	130.77	33.30	126.44	32.10	122.31	30.90	113.96	28.60
	9	7.9	147.58	36.69	138.91	34.27	130.77	32.10	126.44	30.90	122.31	29.73	113.96	27.53
	11	9.8	147.58	35.21	138.91	33.03	130.77	30.90	126.44	29.73	122.31	28.65	113.96	26.58
	13	11.8	147.58	33.96	138.91	31.85	130.77	29.66	126.44	28.64	122.31	27.63	113.96	25.63
	15	13.7	147.58	32.78	138.91	30.66	130.77	28.64	126.44	27.65	122.31	26.72	113.96	24.77
	19	14.2	147.58	31.90	138.91	29.79	130.77	27.74	126.44	26.77	122.31	25.69	113.96	23.77
	21	15	147.58	30.64	138.91	28.51	130.77	27.14	126.44	25.83	122.31	24.63	113.96	22.84
80	-14.7	-15	86.94	32.90	86.94	33.83	86.94	34.69	86.94	34.99	86.94	35.29	86.94	36.13
	-12.6	-13	92.22	33.75	92.22	34.45	92.22	35.29	92.22	35.61	92.22	36.13	92.22	36.77
	-10.5	-11	97.71	34.35	97.71	35.21	97.71	35.83	97.71	36.37	97.71	36.77	97.82	37.23
	-9.5	-10	101.21	34.90	101.21	35.53	101.21	36.13	101.21	36.69	101.21	36.99	100.12	37.18
	-8.5	-9.1	104.07	35.21	104.07	35.83	104.07	36.47	104.07	36.99	104.07	37.31	101.17	36.38
	-7	-7.6	108.41	35.53	108.41	36.13	108.41	36.99	108.41	37.31	106.79	37.27	101.17	34.77
	-5	-5.6	114.01	36.13	114.01	36.69	114.01	37.31	112.27	37.18	108.67	35.70	101.17	33.00
	-3	-3.7	119.29	36.69	119.29	37.31	116.29	36.64	112.27	35.18	108.67	33.97	101.17	31.30
	0	-0.7	127.20	37.31	123.47	36.34	116.29	34.02	112.27	32.83	108.67	31.38	101.17	29.14
	3	2.2	131.09	36.29	123.47	34.10	116.29	31.75	112.27	30.53	108.67	29.46	101.17	27.33
	5	4.1	131.09	34.81	123.47	32.64	116.29	30.49	112.27	29.33	108.67	28.29	101.17	26.22
	8.3	6.1	131.09	33.32	123.47	31.20	116.29	29.22	112.27	28.23	108.67	27.20	101.17	25.23
	9	7.9	131.09	32.10	123.47	30.08	116.29	28.12	112.27	27.14	108.67	26.20	101.17	24.31
	11	9.8	131.09	30.94	123.47	28.96	116.29	27.09	112.27	26.19	108.67	25.27	101.17	23.48
	13	11.8	131.09	29.77	123.47	27.92	116.29	26.13	112.27	25.24	108.67	24.35	101.17	22.65
	15	13.7	131.09	28.77	123.47	26.79	116.29	25.27	112.27	24.41	108.67	23.59	101.17	21.94
	19	14.2	131.09	27.76	123.47	26.23	116.29	24.34	112.27	23.45	108.67	22.59	101.17	21.27
	21	15	131.09	26.92	123.47	25.17	116.29	23.58	112.27	22.65	108.67	21.74	101.17	20.20

To be continued

Continued

YV2VYT125KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	86.94	34.69	86.94	35.53	86.94	36.23	86.94	36.55	86.94	36.86	86.18	37.18
	-12.6	-13	92.22	35.53	92.22	36.13	92.22	36.77	92.22	37.07	91.90	37.27	88.70	35.53
	-10.5	-11	97.71	36.05	97.71	36.77	97.93	37.23	96.95	37.02	95.04	35.94	88.70	33.27
	-9.5	-10	101.21	36.37	101.21	36.99	100.23	37.18	98.21	36.16	95.04	34.77	88.70	32.05
	-8.5	-9.1	104.07	36.69	104.07	37.31	101.70	36.47	98.21	35.23	95.04	33.85	88.70	31.45
	-7	-7.6	108.41	36.99	106.68	37.18	101.70	35.10	98.21	33.62	95.04	32.43	88.70	30.01
	-5	-5.6	112.71	37.45	108.15	35.48	101.70	33.03	98.21	31.88	95.04	30.69	88.70	28.46
	-3	-3.7	114.60	36.12	108.15	33.70	101.70	31.57	98.21	30.41	95.04	29.27	88.70	27.12
	0	-0.7	114.60	33.47	108.15	31.33	101.70	29.27	98.21	28.24	95.04	27.26	88.70	25.26
	3	2.2	114.60	31.38	108.15	29.35	101.70	27.40	98.21	26.47	95.04	25.55	88.70	23.75
	5	4.1	114.60	30.01	108.15	28.15	101.70	26.33	98.21	25.42	95.04	24.57	88.70	22.85
	8.3	6.1	114.60	28.81	108.15	27.05	101.70	25.33	98.21	24.48	95.04	23.64	88.70	22.01
	9	7.9	114.60	27.76	108.15	26.07	101.70	24.42	98.21	23.59	95.04	22.81	88.70	21.24
	11	9.8	114.60	26.75	108.15	25.13	101.70	23.57	98.21	22.77	95.04	21.90	88.70	20.53
	13	11.8	114.60	25.80	108.15	24.25	101.70	22.74	98.21	22.03	95.04	21.29	88.70	19.83
	15	13.7	114.60	24.94	108.15	23.46	101.70	22.06	98.21	21.31	95.04	20.61	88.70	19.24
	19	14.2	114.60	23.81	108.15	22.72	101.70	21.39	98.21	20.49	95.04	19.50	88.70	18.49
	21	15	114.60	22.88	108.15	21.54	101.70	20.39	98.21	19.38	95.04	18.55	88.70	17.47
60	-14.7	-15	86.94	36.55	86.94	37.07	85.64	37.02	84.36	35.69	81.61	34.50	75.80	31.84
	-12.6	-13	92.22	37.07	91.25	37.02	87.11	34.60	84.36	33.41	81.61	32.23	75.80	29.80
	-10.5	-11	96.95	37.02	92.50	35.01	87.11	32.59	84.36	31.41	81.61	30.23	75.80	28.01
	-9.5	-10	98.21	36.16	92.50	33.80	87.11	31.67	84.36	30.51	81.61	29.36	75.80	27.19
	-8.5	-9.1	98.21	35.23	92.50	32.95	87.11	30.84	84.36	29.69	81.61	28.59	75.80	26.51
	-7	-7.6	98.21	33.62	92.50	31.53	87.11	29.49	84.36	28.44	81.61	27.51	75.80	25.47
	-5	-5.6	98.21	31.88	92.50	29.90	87.11	27.96	84.36	26.96	81.61	25.99	75.80	24.16
	-3	-3.7	98.21	30.43	92.50	28.47	87.11	26.63	84.36	25.75	81.61	24.85	75.80	23.09
	0	-0.7	98.21	28.23	92.50	26.50	87.11	24.84	84.36	23.99	81.61	23.19	75.80	21.54
	3	2.2	98.21	26.45	92.50	24.88	87.11	23.34	84.36	22.53	81.61	21.79	75.80	20.35
	5	4.1	98.21	25.42	92.50	23.92	87.11	22.42	84.36	21.70	81.61	21.00	75.80	19.59
	8.3	6.1	98.21	24.46	92.50	23.04	87.11	21.64	84.36	20.94	81.61	20.27	75.80	18.89
	9	7.9	98.21	23.59	92.50	22.24	87.11	20.87	84.36	20.25	81.61	19.56	75.80	18.26
	11	9.8	98.21	22.77	92.50	21.44	87.11	20.20	84.36	19.54	81.61	18.94	75.80	17.70
	13	11.8	98.21	22.01	92.50	20.73	87.11	19.50	84.36	18.92	81.61	18.31	75.80	17.13
	15	13.7	98.21	21.31	92.50	20.09	87.11	18.92	84.36	18.32	81.61	17.77	75.80	16.64
	19	14.2	98.21	20.63	92.50	19.18	87.11	18.25	84.36	17.64	81.61	17.03	75.80	15.92
	21	15	98.21	19.74	92.50	18.57	87.11	17.48	84.36	17.06	81.61	16.46	75.80	15.23
50	-14.7	-15	81.93	34.53	77.07	32.43	72.63	30.34	70.30	29.21	67.97	28.19	63.11	26.12
	-12.6	-13	81.93	32.47	77.07	30.42	72.63	28.36	70.30	27.40	67.97	26.42	63.11	24.55
	-10.5	-11	81.93	30.48	77.07	28.53	72.63	26.69	70.30	25.77	67.97	24.88	63.11	23.12
	-9.5	-10	81.93	29.51	77.07	27.67	72.63	25.95	70.30	25.06	67.97	24.21	63.11	22.49
	-8.5	-9.1	81.93	28.77	77.07	27.01	72.63	25.29	70.30	24.42	67.97	23.60	63.11	21.94
	-7	-7.6	81.93	27.60	77.07	25.90	72.63	24.27	70.30	23.46	67.97	22.70	63.11	21.14
	-5	-5.6	81.93	26.18	77.07	24.64	72.63	23.08	70.30	22.31	67.97	21.57	63.11	20.14
	-3	-3.7	81.93	24.96	77.07	23.51	72.63	22.06	70.30	21.34	67.97	20.64	63.11	19.27
	0	-0.7	81.93	23.28	77.07	21.99	72.63	20.64	70.30	19.99	67.97	19.34	63.11	18.08
	3	2.2	81.93	21.92	77.07	20.66	72.63	19.45	70.30	18.85	67.97	18.23	63.11	17.05
	5	4.1	81.93	21.10	77.07	19.92	72.63	18.77	70.30	18.16	67.97	17.76	63.11	16.51
	8.3	6.1	81.93	20.33	77.07	19.23	72.63	18.10	70.30	17.57	67.97	17.03	63.11	15.94
	9	7.9	81.93	19.65	77.07	18.57	72.63	17.52	70.30	17.00	67.97	16.46	63.11	15.46
	11	9.8	81.93	19.00	77.07	17.99	72.63	16.98	70.30	16.46	67.97	15.98	63.11	14.98
	13	11.8	81.93	18.41	77.07	17.38	72.63	16.42	70.30	15.96	67.97	15.46	63.11	14.51
	15	13.7	81.93	17.85	77.07	16.92	72.63	15.96	70.30	15.52	67.97	15.02	63.11	14.13
	19	14.2	81.93	17.27	77.07	16.26	72.63	15.34	70.30	14.81	67.97	14.44	63.11	13.57
	21	15	81.93	16.29	77.07	15.61	72.63	14.86	70.30	14.19	67.97	13.89	63.11	13.02

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 60. Heating capacity YV2VYT132KAS-D-X

YV2VYT132KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	90.15	24.73	90.15	26.21	90.15	27.65	90.15	28.39	90.15	29.13	90.15	30.59
	-12.6	-13	95.85	26.28	95.85	27.65	95.85	29.04	95.85	29.70	95.85	30.41	95.85	31.77
	-10.5	-11	101.97	27.62	101.97	28.94	101.97	30.22	101.97	30.87	101.97	31.53	101.97	32.74
	-9.5	-10	105.35	28.27	105.35	29.51	105.35	30.75	105.35	31.40	105.35	32.05	105.35	33.35
	-8.5	-9.1	107.78	28.77	107.78	30.03	107.78	31.24	107.78	31.86	107.78	32.39	107.78	33.69
	-7	-7.6	112.11	29.60	112.11	30.81	112.11	31.99	112.11	32.74	112.11	33.04	112.11	34.32
	-5	-5.6	118.23	30.59	118.23	31.71	118.23	32.74	118.23	33.35	118.23	34.00	118.23	34.97
	-3	-3.7	123.93	31.50	123.93	32.39	123.93	33.69	123.93	34.32	123.93	34.65	123.93	35.93
	0	-0.7	133.00	32.74	133.00	33.69	133.00	34.65	133.00	35.28	133.00	35.61	133.00	36.58
	3	2.2	141.55	33.69	141.55	34.65	141.55	35.61	141.55	35.93	141.55	36.58	141.55	37.54
	5	4.1	147.25	34.32	147.25	35.28	147.25	36.24	147.25	36.58	147.25	37.21	147.25	37.85
	8.3	6.1	153.05	34.97	153.05	35.93	153.05	36.58	153.05	37.21	153.05	37.54	153.05	38.50
	9	7.9	158.54	35.28	158.54	36.24	158.54	37.21	158.54	37.54	158.54	37.85	158.54	38.82
	11	9.8	164.24	35.93	164.24	36.58	164.24	37.54	164.24	37.85	164.24	38.50	164.24	39.13
	13	11.8	169.46	36.24	169.46	37.21	169.46	37.85	169.46	38.50	169.46	38.82	169.46	39.47
	15	13.7	176.06	36.89	175.85	37.54	175.85	38.17	175.85	38.82	175.85	39.13	173.32	39.13
	19	14.2	176.06	37.23	175.85	37.92	175.85	38.53	175.85	39.16	175.85	39.50	173.32	38.35
	21	15	176.06	37.51	175.85	38.30	175.85	38.91	175.85	39.37	175.85	38.87	173.32	37.96
120	-14.7	-15	90.15	26.71	90.15	28.08	90.15	29.41	90.15	30.09	90.15	30.75	90.15	32.09
	-12.6	-13	95.85	28.14	95.85	29.39	95.85	30.66	95.85	31.31	95.85	31.96	95.85	33.35
	-10.5	-11	101.97	29.39	101.97	30.56	101.97	31.77	101.97	32.39	101.97	33.04	101.97	34.32
	-9.5	-10	105.35	29.98	105.35	31.12	105.35	32.39	105.35	32.74	105.35	33.35	105.35	34.65
	-8.5	-9.1	107.78	30.44	107.78	31.56	107.78	32.74	107.78	33.35	107.78	34.00	107.78	34.97
	-7	-7.6	112.11	31.21	112.11	32.39	112.11	33.35	112.11	34.00	112.11	34.42	112.11	35.61
	-5	-5.6	118.23	32.09	118.23	33.04	118.23	34.32	118.23	34.65	118.23	35.38	118.23	36.24
	-3	-3.7	123.93	33.04	123.93	34.00	123.93	34.97	123.93	35.28	123.93	36.02	123.93	36.89
	0	-0.7	133.00	34.00	133.00	34.97	133.00	35.93	133.00	36.24	133.00	36.89	133.00	37.85
	3	2.2	141.55	34.97	141.55	35.93	141.55	36.89	141.55	37.21	141.55	37.54	141.55	38.50
	5	4.1	147.25	35.61	147.25	36.24	147.25	37.21	147.25	37.54	147.25	38.17	147.25	38.82
	8.3	6.1	153.05	35.93	153.05	36.89	153.05	37.85	153.05	38.17	153.05	38.50	153.05	39.47
	9	7.9	158.54	36.58	158.54	37.21	158.54	38.17	158.54	38.50	158.54	38.82	158.54	39.78
	11	9.8	164.24	36.89	164.24	37.85	164.24	38.50	164.24	38.82	164.24	39.13	160.13	38.50
	13	11.8	169.46	37.54	169.46	38.17	169.46	38.82	169.46	39.13	169.46	39.78	160.13	37.21
	15	13.7	175.85	37.85	175.85	38.50	175.85	39.13	175.85	39.47	171.74	38.82	160.13	35.61
	19	14.2	175.85	38.16	175.85	38.82	175.85	39.18	175.85	39.10	171.74	38.16	160.13	34.75
	21	15	175.85	38.56	175.85	39.13	175.85	39.41	175.85	38.79	171.74	36.99	160.13	34.13
110	-14.7	-15	90.15	28.68	90.15	29.94	90.15	31.12	90.15	31.77	90.15	32.39	90.15	33.69
	-12.6	-13	95.85	30.00	95.85	31.15	95.85	32.39	95.85	33.04	95.85	33.35	95.85	34.65
	-10.5	-11	101.97	31.12	101.97	32.09	101.97	33.35	101.97	34.00	101.97	34.32	101.97	35.61
	-9.5	-10	105.35	31.65	105.35	32.74	105.35	33.69	105.35	34.42	105.35	34.97	105.35	35.93
	-8.5	-9.1	107.78	32.09	107.78	33.04	107.78	34.32	107.78	34.74	107.78	35.28	107.78	36.24
	-7	-7.6	112.11	32.74	112.11	33.69	112.11	34.65	112.11	35.38	112.11	35.93	112.11	36.89
	-5	-5.6	118.23	33.69	118.23	34.65	118.23	35.61	118.23	36.02	118.23	36.58	118.23	37.54
	-3	-3.7	123.93	34.32	123.93	35.28	123.93	36.24	123.93	36.55	123.93	37.21	123.93	37.85
	0	-0.7	133.00	35.28	133.00	36.24	133.00	37.21	133.00	37.51	133.00	37.85	133.00	38.82
	3	2.2	141.55	36.24	141.55	37.21	141.55	37.85	141.55	38.17	141.55	38.82	141.55	39.47
	5	4.1	147.25	36.89	147.25	37.54	147.25	38.17	147.25	38.82	147.25	39.13	146.72	39.47
	8.3	6.1	153.05	37.21	153.05	37.85	153.05	38.82	153.05	39.13	153.05	39.47	146.72	37.85
	9	7.9	158.54	37.85	158.54	38.50	158.54	39.13	158.54	39.47	157.38	39.47	146.72	36.24
	11	9.8	164.24	38.17	164.24	38.82	164.24	39.47	162.87	39.47	157.38	37.85	146.72	34.97
	13	11.8	169.46	38.50	169.46	39.13	168.47	39.13	162.87	37.85	157.38	36.24	146.72	33.69
	15	13.7	176.06	38.82	176.06	39.47	168.47	37.85	162.87	36.58	157.38	34.97	146.72	32.39
	19	14.2	176.06	36.27	176.06	39.10	168.47	36.61	162.87	35.09	157.38	33.79	146.72	31.34
	21	15	176.06	36.58	176.06	37.96	168.47	34.66	162.87	34.04	157.38	32.85	146.72	30.88

To be continued

Continued

YV2VYT132KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	90.15	30.66	90.15	31.80	90.15	33.04	90.15	33.35	90.15	34.00	90.15	35.28
	-12.6	-13	95.85	31.86	95.85	33.04	95.85	34.00	95.85	34.32	95.85	34.97	95.85	35.93
	-10.5	-11	101.97	33.04	101.97	34.00	101.97	34.97	101.97	35.28	101.97	35.93	101.97	36.89
	-9.5	-10	105.35	33.35	105.35	34.32	105.35	35.28	105.35	35.93	105.35	36.24	105.35	37.21
	-8.5	-9.1	107.78	33.69	107.78	34.65	107.78	35.61	107.78	36.29	107.78	36.58	107.78	37.54
	-7	-7.6	112.11	34.32	112.11	35.28	112.11	36.24	112.11	36.53	112.11	37.21	112.11	38.17
	-5	-5.6	118.23	35.28	118.23	35.93	118.23	36.89	118.23	37.17	118.23	37.85	118.23	38.50
	-3	-3.7	123.93	35.93	123.93	36.58	123.93	37.54	123.93	37.83	123.93	38.17	123.93	39.13
	0	-0.7	133.00	36.89	133.00	37.54	133.00	38.17	133.00	38.81	133.00	39.13	133.11	39.78
	3	2.2	141.55	37.54	141.55	38.17	141.55	39.13	141.55	39.47	141.55	39.78	133.53	37.21
	5	4.1	147.25	37.85	147.25	38.82	147.25	39.47	147.25	39.78	145.96	38.50	133.53	35.61
	8.3	6.1	153.05	38.50	153.05	39.13	153.05	41.17	148.20	38.17	143.24	36.89	133.53	34.00
	9	7.9	158.54	38.82	158.54	39.47	153.05	38.17	148.20	36.89	143.24	35.28	133.53	32.74
	11	9.8	164.24	39.13	162.87	39.47	153.05	36.58	148.20	35.28	143.24	34.00	133.53	31.47
	13	11.8	169.46	39.47	162.87	37.85	153.05	35.28	148.20	34.00	143.24	32.74	133.53	30.28
	15	13.7	172.58	38.82	162.87	36.58	153.05	34.00	148.20	32.74	143.24	31.56	133.53	29.23
	19	14.2	172.58	37.80	162.87	35.31	153.05	33.16	148.20	31.37	143.24	30.35	133.53	28.45
	21	15	172.58	36.58	162.87	33.79	153.05	31.90	148.20	30.88	143.24	29.44	133.53	27.80
90	-14.7	-15	90.15	32.74	90.15	33.69	90.15	34.65	90.15	35.28	90.15	35.61	90.15	36.58
	-12.6	-13	95.85	33.69	95.85	34.65	95.85	35.61	95.85	35.93	95.85	36.58	95.85	37.54
	-10.5	-11	101.97	34.65	101.97	35.61	101.97	36.58	101.97	36.89	101.97	37.21	101.97	38.17
	-9.5	-10	105.35	34.97	105.35	35.93	105.35	36.89	105.35	37.21	105.35	37.54	105.35	38.50
	-8.5	-9.1	107.78	35.28	107.78	36.24	107.78	37.21	107.78	37.54	107.78	37.85	107.78	38.82
	-7	-7.6	112.11	35.93	112.11	36.89	112.11	37.54	112.11	38.17	112.11	38.50	112.11	39.13
	-5	-5.6	118.23	36.58	118.23	37.54	118.23	38.17	118.23	38.50	118.23	39.13	118.23	39.78
	-3	-3.7	123.93	37.21	123.93	38.17	123.93	38.82	123.93	39.13	123.93	39.47	119.91	38.17
	0	-0.7	133.00	38.17	133.00	38.82	133.00	39.47	132.89	39.78	128.78	38.17	119.91	35.28
	3	2.2	141.55	38.82	141.55	39.47	137.86	38.50	133.10	37.21	128.78	35.61	119.91	33.04
	5	4.1	147.25	39.13	146.51	39.47	137.86	36.89	133.10	35.61	128.78	34.00	119.91	31.56
	8.3	6.1	153.05	39.47	146.51	37.85	137.86	35.28	133.10	34.00	128.78	32.74	119.91	30.32
	9	7.9	155.59	38.82	146.51	36.24	137.86	34.00	133.10	32.74	128.78	31.50	119.91	29.17
	11	9.8	155.59	37.21	146.51	34.97	137.86	32.74	133.10	31.44	128.78	30.32	119.91	28.11
	13	11.8	155.59	35.93	146.51	33.69	137.86	31.34	133.10	30.25	128.78	29.20	119.91	27.09
	15	13.7	155.59	34.65	146.51	32.39	137.86	30.25	133.10	29.23	128.78	28.21	119.91	26.15
	19	14.2	155.59	33.79	146.51	31.49	137.86	29.29	133.10	28.36	128.78	27.18	119.91	25.20
	21	15	155.59	32.55	146.51	30.32	137.86	28.76	133.10	27.43	128.78	26.22	119.91	24.18
80	-14.7	-15	90.15	34.65	90.15	35.61	90.15	36.58	90.15	36.89	90.15	37.21	90.15	38.17
	-12.6	-13	95.85	35.61	95.85	36.24	95.85	37.21	95.85	37.54	95.85	38.17	95.85	38.82
	-10.5	-11	101.97	36.24	101.97	37.21	101.97	37.85	101.97	38.50	101.97	38.82	101.97	39.47
	-9.5	-10	105.35	36.89	105.35	37.54	105.35	38.17	105.35	38.82	105.35	39.13	105.35	39.78
	-8.5	-9.1	107.78	37.21	107.78	37.85	107.78	38.50	107.78	39.13	107.78	39.47	106.50	39.13
	-7	-7.6	112.11	37.54	112.11	38.17	112.11	39.13	112.11	39.47	112.11	39.78	106.50	37.21
	-5	-5.6	118.23	38.17	118.23	38.82	118.23	39.47	118.22	39.78	114.53	38.17	106.50	35.28
	-3	-3.7	123.93	38.82	123.93	39.47	122.44	39.13	118.22	37.54	114.53	36.24	106.50	33.35
	0	-0.7	133.00	39.47	130.15	38.82	122.44	36.24	118.22	34.97	114.53	33.35	106.50	31.00
	3	2.2	138.17	38.50	130.15	36.24	122.44	33.69	118.22	32.39	114.53	31.31	106.50	29.01
	5	4.1	138.17	36.89	130.15	34.65	122.44	32.39	118.22	31.12	114.53	30.00	106.50	27.80
	8.3	6.1	138.17	35.28	130.15	33.04	122.44	30.97	118.22	29.91	114.53	28.83	106.50	26.75
	9	7.9	138.17	34.00	130.15	31.86	122.44	29.76	118.22	28.74	114.53	27.74	106.50	25.76
	11	9.8	138.17	32.74	130.15	30.66	122.44	28.68	118.22	27.72	114.53	26.75	106.50	24.83
	13	11.8	138.17	31.47	130.15	29.51	122.44	27.62	118.22	26.68	114.53	25.76	106.50	23.95
	15	13.7	138.17	30.38	130.15	28.24	122.44	26.68	118.22	25.79	114.53	24.92	106.50	23.19
	19	14.2	138.17	29.33	130.15	27.74	122.44	25.63	118.22	24.83	114.53	23.86	106.50	22.62
	21	15	138.17	28.49	130.15	26.53	122.44	24.95	118.22	24.04	114.53	23.05	106.50	21.42

To be continued

Continued

YV2VYT132KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	90.15	36.58	90.15	37.54	90.15	38.17	90.15	38.50	90.15	38.82	90.15	39.78
	-12.6	-13	95.85	37.54	95.85	38.17	95.85	38.82	95.85	39.13	95.85	39.78	93.31	38.17
	-10.5	-11	101.97	38.17	101.97	38.82	101.97	39.47	101.97	39.78	100.17	38.50	93.31	35.61
	-9.5	-10	105.35	38.50	105.35	39.13	105.35	39.78	103.55	38.82	100.17	37.21	93.31	34.32
	-8.5	-9.1	107.78	38.82	107.78	39.47	107.25	39.13	103.55	37.85	100.17	36.24	93.31	33.69
	-7	-7.6	112.11	39.13	112.11	39.78	107.25	37.54	103.55	35.93	100.17	34.65	93.31	32.09
	-5	-5.6	118.23	39.78	113.89	37.85	107.25	35.28	103.55	34.00	100.17	32.74	93.31	30.38
	-3	-3.7	120.76	38.50	113.89	35.93	107.25	33.69	103.55	32.39	100.17	31.21	93.31	28.91
	0	-0.7	120.76	35.61	113.89	33.35	107.25	31.15	103.55	30.06	100.17	28.97	93.31	26.87
	3	2.2	120.76	33.35	113.89	31.15	107.25	29.10	103.55	28.11	100.17	27.15	93.31	25.19
	5	4.1	120.76	31.83	113.89	29.88	107.25	27.95	103.55	26.97	100.17	26.06	93.31	24.23
	8.3	6.1	120.76	30.53	113.89	28.68	107.25	26.84	103.55	25.95	100.17	25.04	93.31	23.33
	9	7.9	120.76	29.39	113.89	27.59	107.25	25.85	103.55	24.98	100.17	24.17	93.31	22.50
	11	9.8	120.76	28.29	113.89	26.60	107.25	24.95	103.55	24.11	100.17	23.12	93.31	21.72
	13	11.8	120.76	27.27	113.89	25.63	107.25	24.05	103.55	23.29	100.17	22.50	93.31	20.98
	15	13.7	120.76	26.34	113.89	24.80	107.25	23.29	103.55	22.53	100.17	21.78	93.31	20.33
	19	14.2	120.76	25.01	113.89	24.11	107.25	22.64	103.55	21.47	100.17	20.54	93.31	19.49
	21	15	120.76	24.11	113.89	22.93	107.25	21.62	103.55	20.48	100.17	19.52	93.31	18.43
60	-14.7	-15	90.15	38.50	90.15	39.13	90.15	39.78	88.77	38.50	86.03	37.21	79.91	34.32
	-12.6	-13	95.85	39.13	95.85	39.78	91.83	37.21	88.77	35.93	86.03	34.65	79.91	32.02
	-10.5	-11	101.97	39.78	97.43	37.54	91.83	34.97	88.77	33.69	86.03	32.39	79.91	30.03
	-9.5	-10	103.55	38.82	97.43	36.24	91.83	34.00	88.77	32.74	86.03	31.47	79.91	29.13
	-8.5	-9.1	103.55	37.85	97.43	35.28	91.83	33.04	88.77	31.80	86.03	30.63	79.91	28.39
	-7	-7.6	103.55	35.93	97.43	33.69	91.83	31.53	88.77	30.41	86.03	29.36	79.91	27.21
	-5	-5.6	103.55	34.00	97.43	31.93	91.83	29.85	88.77	28.80	86.03	27.77	79.91	25.79
	-3	-3.7	103.55	32.39	97.43	30.35	91.83	28.39	88.77	27.43	86.03	26.47	79.91	24.61
	0	-0.7	103.55	30.03	97.43	28.21	91.83	26.41	88.77	25.53	86.03	24.67	79.91	22.93
	3	2.2	103.55	28.11	97.43	26.41	91.83	24.76	88.77	23.95	86.03	23.16	79.91	21.59
	5	4.1	103.55	26.97	97.43	25.38	91.83	23.81	88.77	23.03	86.03	22.27	79.91	20.76
	8.3	6.1	103.55	25.92	97.43	24.41	91.83	22.93	88.77	22.19	86.03	21.47	79.91	20.01
	9	7.9	103.55	24.98	97.43	23.55	91.83	22.10	88.77	21.44	86.03	20.73	79.91	19.33
	11	9.8	103.55	24.11	97.43	22.71	91.83	21.38	88.77	20.69	86.03	20.01	79.91	18.74
	13	11.8	103.55	23.26	97.43	21.94	91.83	20.63	88.77	19.98	86.03	19.36	79.91	18.13
	15	13.7	103.55	22.53	97.43	21.23	91.83	19.98	88.77	19.36	86.03	18.78	79.91	17.59
	19	14.2	103.55	21.88	97.43	20.20	91.83	19.38	88.77	18.78	86.03	18.06	79.91	16.82
	21	15	103.55	20.97	97.43	19.64	91.83	18.55	88.77	18.16	86.03	17.48	79.91	16.17
50	-14.7	-15	86.24	37.21	81.17	34.97	76.53	32.74	73.99	31.50	71.57	30.35	66.50	28.14
	-12.6	-13	86.24	34.97	81.17	32.74	76.53	30.48	73.99	29.44	71.57	28.39	66.50	26.34
	-10.5	-11	86.24	32.74	81.17	30.59	76.53	28.61	73.99	27.65	71.57	26.68	66.50	24.80
	-9.5	-10	86.24	31.63	81.17	29.67	76.53	27.77	73.99	26.84	71.57	25.92	66.50	24.08
	-8.5	-9.1	86.24	30.81	81.17	28.91	76.53	27.09	73.99	26.15	71.57	25.26	66.50	23.49
	-7	-7.6	86.24	29.51	81.17	27.72	76.53	25.95	73.99	25.07	71.57	24.26	66.50	22.59
	-5	-5.6	86.24	27.95	81.17	26.28	76.53	24.64	73.99	23.83	71.57	23.03	66.50	21.47
	-3	-3.7	86.24	26.62	81.17	25.04	76.53	23.52	73.99	22.74	71.57	22.00	66.50	20.53
	0	-0.7	86.24	24.80	81.17	23.36	76.53	21.94	73.99	21.26	71.57	20.57	66.50	19.21
	3	2.2	86.24	23.26	81.17	21.94	76.53	20.66	73.99	20.01	71.57	19.36	66.50	18.13
	5	4.1	86.24	22.40	81.17	21.13	76.53	19.89	73.99	19.28	71.57	18.71	66.50	17.48
	8.3	6.1	86.24	21.57	81.17	20.39	76.53	19.18	73.99	18.62	71.57	18.03	66.50	16.91
	9	7.9	86.24	20.82	81.17	19.67	76.53	18.55	73.99	18.00	71.57	17.44	66.50	16.36
	11	9.8	86.24	20.11	81.17	19.02	76.53	17.97	73.99	17.41	71.57	16.91	66.50	15.86
	13	11.8	86.24	19.48	81.17	18.40	76.53	17.38	73.99	16.88	71.57	16.36	66.50	15.37
	15	13.7	86.24	18.86	81.17	17.87	76.53	16.88	73.99	16.39	71.57	15.89	66.50	14.95
	19	14.2	86.24	18.28	81.17	17.16	76.53	16.28	73.99	15.66	71.57	15.33	66.50	14.30
	21	15	86.24	17.07	81.17	16.69	76.53	15.86	73.99	14.99	71.57	14.74	66.50	13.71

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Table 61. Heating capacity YV2VYT135KAS-D-X

YV2VYT135KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-14.7	-15	92.08	26.07	92.08	27.64	92.08	29.14	92.08	29.93	92.08	30.71	92.08	32.25
	-12.6	-13	98.05	27.70	98.05	29.14	98.05	30.61	98.05	31.30	98.05	32.05	98.05	33.49
	-10.5	-11	104.33	29.11	104.33	30.52	104.33	31.86	104.33	32.54	104.33	33.23	104.33	34.51
	-9.5	-10	107.79	29.80	107.79	31.10	107.79	32.41	107.79	33.10	107.79	33.79	107.79	35.16
	-8.5	-9.1	110.30	30.32	110.30	31.66	110.30	32.94	110.30	33.59	110.30	34.15	110.30	35.52
	-7	-7.6	114.70	31.20	114.70	32.48	114.70	33.72	114.70	34.51	114.70	34.83	114.70	36.17
	-5	-5.6	120.99	32.25	120.99	33.43	120.99	34.51	120.99	35.16	120.99	35.85	120.99	36.86
	-3	-3.7	126.96	33.20	126.96	34.15	126.96	35.52	126.96	36.17	126.96	36.53	126.96	37.88
	0	-0.7	136.39	34.51	136.39	35.52	136.39	36.53	136.39	37.19	136.39	37.55	136.39	38.56
	3	2.2	145.19	35.52	145.19	36.53	145.19	37.55	145.19	37.88	145.19	38.56	145.19	39.58
	5	4.1	151.16	36.17	151.16	37.19	151.16	38.20	151.16	38.56	151.16	39.22	151.16	39.90
	8.3	6.1	157.13	36.86	157.13	37.88	157.13	38.56	157.13	39.22	157.13	39.58	157.13	40.59
	9	7.9	162.78	37.19	162.78	38.20	162.78	39.22	162.78	39.58	162.78	39.90	162.78	40.92
	11	9.8	168.76	37.88	168.76	38.56	168.76	39.58	168.76	39.90	168.76	40.59	168.76	41.24
	13	11.8	175.29	38.20	175.29	39.22	175.29	39.90	175.29	40.59	175.29	40.92	175.29	41.60
	15	13.7	181.01	38.89	180.70	39.58	180.70	40.23	180.70	40.92	180.70	41.24	177.87	41.24
	19	14.2	181.01	39.25	180.70	39.97	180.70	40.62	180.70	41.28	180.70	41.64	177.87	40.43
	21	15	181.01	39.54	180.70	40.36	180.70	41.01	180.70	41.51	180.70	40.98	177.87	40.00
120	-14.7	-15	92.08	28.16	92.08	29.60	92.08	31.01	92.08	31.73	92.08	32.41	92.08	33.82
	-12.6	-13	98.05	29.67	98.05	30.97	98.05	32.31	98.05	33.00	98.05	33.69	98.05	35.16
	-10.5	-11	104.33	30.97	104.33	32.22	104.33	33.49	104.33	34.15	104.33	34.83	104.33	36.17
	-9.5	-10	107.79	31.60	107.79	32.81	107.79	34.15	107.79	34.51	107.79	35.16	107.79	36.53
	-8.5	-9.1	110.30	32.09	110.30	33.26	110.30	34.51	110.30	35.16	110.30	35.85	110.30	36.86
	-7	-7.6	114.70	32.90	114.70	34.15	114.70	35.16	114.70	35.85	114.70	36.31	114.70	37.55
	-5	-5.6	120.99	33.82	120.99	34.83	120.99	36.17	120.99	36.53	120.99	37.29	120.99	38.20
	-3	-3.7	126.96	34.83	126.96	35.85	126.96	36.86	126.96	37.19	126.96	37.94	126.96	38.89
	0	-0.7	136.39	35.85	136.39	36.86	136.39	37.88	136.39	38.20	136.39	38.89	136.39	39.90
	3	2.2	145.19	36.86	145.19	37.88	145.19	38.89	145.19	39.22	145.19	39.58	145.19	40.59
	5	4.1	151.16	37.55	151.16	38.20	151.16	39.22	151.16	39.58	151.16	40.23	151.16	40.92
	8.3	6.1	157.13	37.88	157.13	38.89	157.13	39.90	157.13	40.23	157.13	40.59	157.13	41.60
	9	7.9	162.78	38.56	162.78	39.22	162.78	40.23	162.78	40.59	162.78	40.92	162.78	41.93
	11	9.8	168.76	38.89	168.76	39.90	168.76	40.59	168.76	40.92	168.76	41.24	164.36	40.59
	13	11.8	175.29	39.58	175.29	40.23	175.29	40.92	175.29	41.24	175.29	41.93	164.36	39.22
	15	13.7	180.70	39.90	180.70	40.59	180.70	41.24	180.70	41.60	176.30	40.92	164.36	37.55
	19	14.2	180.70	40.23	180.70	40.92	180.70	41.31	180.70	41.21	176.30	40.23	164.36	36.63
	21	15	180.70	40.66	180.70	41.24	180.70	41.54	180.70	40.88	176.30	38.99	164.36	35.98
110	-14.7	-15	92.08	30.22	92.08	31.56	92.08	32.81	92.08	33.49	92.08	34.15	92.08	35.52
	-12.6	-13	98.05	31.63	98.05	32.84	98.05	34.15	98.05	34.83	98.05	35.16	98.05	36.53
	-10.5	-11	104.33	32.81	104.33	33.82	104.33	35.16	104.33	35.85	104.33	36.17	104.33	37.55
	-9.5	-10	107.79	33.36	107.79	34.51	107.79	35.52	107.79	36.31	107.79	36.86	107.79	37.88
	-8.5	-9.1	110.30	33.82	110.30	34.83	110.30	36.17	110.30	36.63	110.30	37.19	110.30	38.20
	-7	-7.6	114.70	34.51	114.70	35.52	114.70	36.53	114.70	37.29	114.70	37.88	114.70	38.89
	-5	-5.6	120.99	35.52	120.99	36.53	120.99	37.55	120.99	37.94	120.99	38.56	120.99	39.58
	-3	-3.7	126.96	36.17	126.96	37.19	126.96	38.20	126.96	38.59	126.96	39.22	126.96	39.90
	0	-0.7	136.39	37.19	136.39	38.20	136.39	39.22	136.39	39.58	136.39	39.90	136.39	40.92
	3	2.2	145.19	38.20	145.19	39.22	145.19	39.90	145.19	40.23	145.19	40.92	145.19	41.60
	5	4.1	151.16	38.89	151.16	39.58	151.16	40.23	151.16	40.92	151.16	41.24	150.53	41.60
	8.3	6.1	157.13	39.22	157.13	39.90	157.13	40.92	157.13	41.24	157.13	41.60	150.53	39.90
	9	7.9	162.78	39.90	162.78	40.59	162.78	41.24	162.78	41.60	161.53	41.60	150.53	38.20
	11	9.8	168.76	40.23	168.76	40.92	168.76	41.60	167.18	41.60	161.53	39.90	150.53	36.86
	13	11.8	175.29	40.59	175.29	41.24	172.84	41.24	167.18	39.90	161.53	38.20	150.53	35.52
	15	13.7	181.01	40.92	181.01	41.60	172.84	39.90	167.18	38.56	161.53	36.86	150.53	34.15
	19	14.2	181.01	38.23	181.01	41.21	172.84	38.59	167.18	36.99	161.53	35.62	150.53	33.03
	21	15	181.01	38.56	181.01	40.00	172.84	36.53	167.18	35.88	161.53	34.64	150.53	32.54

To be continued

Continued

YV2VYT135KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-14.7	-15	92.08	32.31	92.08	33.53	92.08	34.83	92.08	35.16	92.08	35.85	92.08	37.19
	-12.6	-13	98.05	33.59	98.05	34.83	98.05	35.85	98.05	36.17	98.05	36.86	98.05	37.88
	-10.5	-11	104.33	34.83	104.33	35.85	104.33	36.86	104.33	37.19	104.33	37.88	104.33	38.89
	-9.5	-10	107.79	35.16	107.79	36.17	107.79	37.19	107.79	37.88	107.79	38.20	107.79	39.22
	-8.5	-9.1	110.30	35.52	110.30	36.53	110.30	37.55	110.30	38.20	110.30	38.56	110.30	39.58
	-7	-7.6	114.70	36.17	114.70	37.19	114.70	38.20	114.70	38.56	114.70	39.22	114.70	40.23
	-5	-5.6	120.99	37.19	120.99	37.88	120.99	38.89	120.99	39.22	120.99	39.90	120.99	40.59
	-3	-3.7	126.96	37.88	126.96	38.56	126.96	39.58	126.96	39.90	126.96	40.23	126.96	41.24
	0	-0.7	136.39	38.89	136.39	39.58	136.39	40.23	136.39	40.92	136.39	41.24	136.39	41.93
	3	2.2	145.19	39.58	145.19	40.23	145.19	41.24	145.19	41.60	145.19	41.93	137.02	39.22
	5	4.1	151.16	39.90	151.16	40.92	151.16	41.60	151.16	41.93	151.16	40.59	137.02	37.55
	8.3	6.1	157.13	40.59	157.13	41.24	157.13	44.15	152.10	40.23	147.07	38.89	137.02	35.85
	9	7.9	162.78	40.92	162.78	41.60	157.13	40.23	152.10	38.89	147.07	37.19	137.02	34.51
	11	9.8	168.76	41.24	167.18	41.60	157.13	38.56	152.10	37.19	147.07	35.85	137.02	33.17
	13	11.8	175.29	41.60	167.18	39.90	157.13	37.19	152.10	35.85	147.07	34.51	137.02	31.92
	15	13.7	177.24	40.92	167.18	38.56	157.13	35.85	152.10	34.51	147.07	33.26	137.02	30.81
	19	14.2	177.24	39.84	167.18	37.22	157.13	34.96	152.10	33.07	147.07	31.99	137.02	29.99
	21	15	177.24	38.56	167.18	35.62	157.13	33.62	152.10	32.54	147.07	31.04	137.02	29.31
90	-14.7	-15	92.08	34.51	92.08	35.52	92.08	36.53	92.08	37.19	92.08	37.55	92.08	38.56
	-12.6	-13	98.05	35.52	98.05	36.53	98.05	37.55	98.05	37.88	98.05	38.56	98.05	39.58
	-10.5	-11	104.33	36.53	104.33	37.55	104.33	38.56	104.33	38.89	104.33	39.22	104.33	40.23
	-9.5	-10	107.79	36.86	107.79	37.88	107.79	38.89	107.79	39.22	107.79	39.58	107.79	40.59
	-8.5	-9.1	110.30	37.19	110.30	38.20	110.30	39.22	110.30	39.58	110.30	39.90	110.30	40.92
	-7	-7.6	114.70	37.88	114.70	38.89	114.70	39.58	114.70	40.23	114.70	40.59	114.70	41.24
	-5	-5.6	120.99	38.56	120.99	39.58	120.99	40.23	120.99	40.59	120.99	41.24	120.99	41.93
	-3	-3.7	126.96	39.22	126.96	40.23	126.96	40.92	126.96	41.24	126.96	41.60	123.19	40.23
	0	-0.7	136.39	40.23	136.39	40.92	136.39	41.60	136.39	41.93	132.30	40.23	123.19	37.19
	3	2.2	145.19	40.92	145.19	41.60	141.42	40.59	136.70	39.22	132.30	37.55	123.19	34.83
	5	4.1	151.16	41.24	150.21	41.60	141.42	38.89	136.70	37.55	132.30	35.85	123.19	33.26
	8.3	6.1	157.13	41.60	150.21	39.90	141.42	37.19	136.70	35.85	132.30	34.51	123.19	31.96
	9	7.9	159.64	40.92	150.21	38.20	141.42	35.85	136.70	34.51	132.30	33.20	123.19	30.74
	11	9.8	159.64	39.22	150.21	36.86	141.42	34.51	136.70	33.13	132.30	31.96	123.19	29.63
	13	11.8	159.64	37.88	150.21	35.52	141.42	33.03	136.70	31.89	132.30	30.78	123.19	28.55
	15	13.7	159.64	36.53	150.21	34.15	141.42	31.89	136.70	30.81	132.30	29.73	123.19	27.57
	19	14.2	159.64	35.62	150.21	33.20	141.42	30.88	136.70	29.89	132.30	28.65	123.19	26.56
	21	15	159.64	34.31	150.21	31.96	141.42	30.32	136.70	28.91	132.30	27.64	123.19	25.48
80	-14.7	-15	92.08	36.53	92.08	37.55	92.08	38.56	92.08	38.89	92.08	39.22	92.08	40.23
	-12.6	-13	98.05	37.55	98.05	38.20	98.05	39.22	98.05	39.58	98.05	40.23	98.05	40.92
	-10.5	-11	104.33	38.20	104.33	39.22	104.33	39.90	104.33	40.59	104.33	40.92	104.33	41.60
	-9.5	-10	107.79	38.89	107.79	39.58	107.79	40.23	107.79	40.92	107.79	41.24	107.79	41.93
	-8.5	-9.1	110.30	39.22	110.30	39.90	110.30	40.59	110.30	41.24	110.30	41.60	109.36	41.24
	-7	-7.6	114.70	39.58	114.70	40.23	114.70	41.24	114.70	41.60	114.70	41.93	109.36	39.22
	-5	-5.6	120.99	40.23	120.99	40.92	120.99	41.60	121.30	41.93	117.53	40.23	109.36	37.19
	-3	-3.7	126.96	40.92	126.96	41.60	125.70	41.24	121.30	39.58	117.53	38.20	109.36	35.16
	0	-0.7	136.39	41.60	133.56	40.92	125.70	38.20	121.30	36.86	117.53	35.16	109.36	32.67
	3	2.2	141.73	40.59	133.56	38.20	125.70	35.52	121.30	34.15	117.53	33.00	109.36	30.58
	5	4.1	141.73	38.89	133.56	36.53	125.70	34.15	121.30	32.81	117.53	31.63	109.36	29.31
	8.3	6.1	141.73	37.19	133.56	34.83	125.70	32.64	121.30	31.53	117.53	30.39	109.36	28.19
	9	7.9	141.73	35.85	133.56	33.59	125.70	31.37	121.30	30.29	117.53	29.24	109.36	27.15
	11	9.8	141.73	34.51	133.56	32.31	125.70	30.22	121.30	29.21	117.53	28.19	109.36	26.17
	13	11.8	141.73	33.17	133.56	31.10	125.70	29.11	121.30	28.13	117.53	27.15	109.36	25.25
	15	13.7	141.73	32.02	133.56	29.76	125.70	28.13	121.30	27.18	117.53	26.26	109.36	24.43
	19	14.2	141.73	30.91	133.56	29.24	125.70	27.02	121.30	26.17	117.53	25.15	109.36	23.84
	21	15	141.73	30.03	133.56	27.96	125.70	26.30	121.30	25.35	117.53	24.30	109.36	22.57

To be continued

Continued

YV2VYT135KAS-D-X			Heating Capacity											
Capacity Factor (%)	Outdoor Temp.		Indoor Temp. (°C DB)											
			16		18		20		21.1		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°C DB	°C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-14.7	-15	92.08	38.56	92.08	39.58	92.08	40.23	92.08	40.59	92.08	40.92	92.08	41.93
	-12.6	-13	98.05	39.58	98.05	40.23	98.05	40.92	98.05	41.24	98.05	41.93	95.85	40.23
	-10.5	-11	104.33	40.23	104.33	40.92	104.33	41.60	104.33	41.93	102.76	40.59	95.85	37.55
	-9.5	-10	107.79	40.59	107.79	41.24	107.79	41.93	106.22	40.92	102.76	39.22	95.85	36.17
	-8.5	-9.1	110.30	40.92	110.30	41.60	109.99	41.24	106.22	39.90	102.76	38.20	95.85	35.52
	-7	-7.6	114.70	41.24	114.70	41.93	109.99	39.58	106.22	37.88	102.76	36.53	95.85	33.82
	-5	-5.6	120.99	41.93	116.90	39.90	109.99	37.19	106.22	35.85	102.76	34.51	95.85	32.02
	-3	-3.7	123.82	40.59	116.90	37.88	109.99	35.52	106.22	34.15	102.76	32.90	95.85	30.48
	0	-0.7	123.82	37.55	116.90	35.16	109.99	32.84	106.22	31.69	102.76	30.55	95.85	28.32
	3	2.2	123.82	35.16	116.90	32.84	109.99	30.68	106.22	29.63	102.76	28.62	95.85	26.56
	5	4.1	123.82	33.56	116.90	31.50	109.99	29.47	106.22	28.42	102.76	27.47	95.85	25.54
	8.3	6.1	123.82	32.18	116.90	30.22	109.99	28.29	106.22	27.34	102.76	26.39	95.85	24.60
	9	7.9	123.82	30.97	116.90	29.08	109.99	27.25	106.22	26.33	102.76	25.48	95.85	23.71
	11	9.8	123.82	29.83	116.90	28.03	109.99	26.30	106.22	25.41	102.76	24.37	95.85	22.90
	13	11.8	123.82	28.75	116.90	27.02	109.99	25.35	106.22	24.56	102.76	23.71	95.85	22.11
	15	13.7	123.82	27.77	116.90	26.13	109.99	24.56	106.22	23.75	102.76	22.96	95.85	21.42
	19	14.2	123.82	26.36	116.90	25.41	109.99	23.88	106.22	22.63	102.76	21.65	95.85	20.54
	21	15	123.82	25.41	116.90	24.17	109.99	22.80	106.22	21.59	102.76	20.57	95.85	19.43
60	-14.7	-15	92.08	40.59	92.08	41.24	92.08	41.93	91.13	40.59	88.31	39.22	82.02	36.17
	-12.6	-13	98.05	41.24	98.05	41.93	94.28	39.22	91.13	37.88	88.31	36.53	82.02	33.75
	-10.5	-11	104.33	41.93	99.93	39.58	94.28	36.86	91.13	35.52	88.31	34.15	82.02	31.66
	-9.5	-10	106.22	40.92	99.93	38.20	94.28	35.85	91.13	34.51	88.31	33.17	82.02	30.71
	-8.5	-9.1	106.22	39.90	99.93	37.19	94.28	34.83	91.13	33.53	88.31	32.28	82.02	29.93
	-7	-7.6	106.22	37.88	99.93	35.52	94.28	33.23	91.13	32.05	88.31	30.94	82.02	28.68
	-5	-5.6	106.22	35.85	99.93	33.66	94.28	31.46	91.13	30.35	88.31	29.27	82.02	27.18
	-3	-3.7	106.22	34.15	99.93	31.99	94.28	29.93	91.13	28.91	88.31	27.90	82.02	25.94
	0	-0.7	106.22	31.66	99.93	29.73	94.28	27.83	91.13	26.92	88.31	26.00	82.02	24.17
	3	2.2	106.22	29.63	99.93	27.83	94.28	26.10	91.13	25.25	88.31	24.40	82.02	22.76
	5	4.1	106.22	28.42	99.93	26.75	94.28	25.09	91.13	24.27	88.31	23.48	82.02	21.88
	8.3	6.1	106.22	27.31	99.93	25.74	94.28	24.17	91.13	23.39	88.31	22.63	82.02	21.10
	9	7.9	106.22	26.33	99.93	24.82	94.28	23.29	91.13	22.60	88.31	21.85	82.02	20.38
	11	9.8	106.22	25.41	99.93	23.94	94.28	22.54	91.13	21.82	88.31	21.10	82.02	19.76
	13	11.8	106.22	24.53	99.93	23.12	94.28	21.75	91.13	21.06	88.31	20.41	82.02	19.10
	15	13.7	106.22	23.75	99.93	22.37	94.28	21.06	91.13	20.41	88.31	19.79	82.02	18.55
	19	14.2	106.22	23.06	99.93	21.29	94.28	20.44	91.13	19.79	88.31	19.04	82.02	17.73
	21	15	106.22	22.11	99.93	20.70	94.28	19.56	91.13	19.13	88.31	18.41	82.02	17.04
50	-14.7	-15	88.62	39.22	83.28	36.86	78.56	34.51	76.05	33.20	73.54	31.99	68.19	29.67
	-12.6	-13	88.62	36.86	83.28	34.51	78.56	32.12	76.05	31.04	73.54	29.93	68.19	27.77
	-10.5	-11	88.62	34.51	83.28	32.25	78.56	30.16	76.05	29.14	73.54	28.13	68.19	26.13
	-9.5	-10	88.62	33.33	83.28	31.27	78.56	29.27	76.05	28.29	73.54	27.31	68.19	25.38
	-8.5	-9.1	88.62	32.48	83.28	30.48	78.56	28.55	76.05	27.57	73.54	26.62	68.19	24.76
	-7	-7.6	88.62	31.10	83.28	29.21	78.56	27.34	76.05	26.43	73.54	25.58	68.19	23.81
	-5	-5.6	88.62	29.47	83.28	27.70	78.56	25.97	76.05	25.12	73.54	24.27	68.19	22.63
	-3	-3.7	88.62	28.06	83.28	26.39	78.56	24.79	76.05	23.97	73.54	23.19	68.19	21.65
	0	-0.7	88.62	26.13	83.28	24.63	78.56	23.12	76.05	22.40	73.54	21.68	68.19	20.25
	3	2.2	88.62	24.53	83.28	23.12	78.56	21.78	76.05	21.10	73.54	20.41	68.19	19.10
	5	4.1	88.62	23.61	83.28	22.27	78.56	20.97	76.05	20.31	73.54	19.92	68.19	18.41
	8.3	6.1	88.62	22.73	83.28	21.49	78.56	20.21	76.05	19.62	73.54	19.00	68.19	17.83
	9	7.9	88.62	21.95	83.28	20.74	78.56	19.56	76.05	18.97	73.54	18.38	68.19	17.24
	11	9.8	88.62	21.19	83.28	20.05	78.56	18.94	76.05	18.35	73.54	17.83	68.19	16.71
	13	11.8	88.62	20.54	83.28	19.40	78.56	18.32	76.05	17.79	73.54	17.24	68.19	16.19
	15	13.7	88.62	19.89	83.28	18.84	78.56	17.79	76.05	17.27	73.54	16.75	68.19	15.76
	19	14.2	88.62	19.26	83.28	18.09	78.56	17.17	76.05	16.52	73.54	16.16	68.19	15.08
	21	15	88.62	17.99	83.28	17.60	78.56	16.71	76.05	15.80	73.54	15.54	68.19	14.46

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

4.3. Indoor capacity

Table 62. Cooling capacity (4-way cassette indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
22	20	2.2	1.8	2.2	1.9	2.3	1.9	2.3	1.9	2.4	2	2.5	1.9	2.6	1.9
	22.5	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.9	2.4	1.9	2.4	1.9	2.5	1.9
	25	2.1	1.8	2.2	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.9
	27.5	2.1	1.8	2.1	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	30	2.1	1.8	2.1	1.9	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	32.5	2	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.3	1.9	2.4	1.9	2.4	1.8
	35	2	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	37.5	2	1.8	2	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	40	2	1.8	2	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.8	2.4	1.8
	43	2	1.7	2	1.8	2.1	1.8	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.8
28	20	2.7	2.2	2.8	2.2	2.9	2.2	3	2.2	3	2.3	3.1	2.2	3.2	2.2
	22.5	2.7	2.2	2.8	2.2	2.9	2.2	2.9	2.2	3	2.3	3.1	2.2	3.2	2.2
	25	2.7	2.1	2.7	2.2	2.9	2.2	2.9	2.2	3	2.3	3.1	2.2	3.2	2.1
	27.5	2.7	2.1	2.7	2.2	2.8	2.2	2.9	2.2	2.9	2.2	3.1	2.2	3.2	2.1
	30	2.6	2.1	2.7	2.2	2.8	2.1	2.9	2.2	2.9	2.2	3	2.2	3.1	2.1
	32.5	2.6	2.1	2.7	2.2	2.8	2.1	2.8	2.1	2.9	2.2	3	2.2	3.1	2.1
	35	2.6	2.1	2.6	2.1	2.7	2.1	2.8	2.1	2.9	2.2	3	2.2	3.1	2.1
	37.5	2.5	2.1	2.6	2.1	2.7	2.1	2.8	2.1	2.8	2.2	2.9	2.2	3.1	2.1
	40	2.5	2.1	2.6	2.1	2.7	2.1	2.7	2.1	2.8	2.2	2.9	2.1	3	2.1
	43	2.5	2	2.5	2.1	2.7	2.1	2.7	2.1	2.8	2.2	2.9	2.1	3	2.1
36	20	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.7	3.9	2.8	4	2.7	4.2	2.6
	22.5	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.7	3.9	2.8	4	2.7	4.1	2.6
	25	3.5	2.7	3.5	2.7	3.7	2.6	3.7	2.7	3.8	2.8	4	2.7	4.1	2.6
	27.5	3.4	2.6	3.5	2.7	3.6	2.6	3.7	2.7	3.8	2.7	3.9	2.7	4.1	2.6
	30	3.4	2.6	3.5	2.7	3.6	2.6	3.7	2.6	3.7	2.7	3.9	2.7	4	2.6
	32.5	3.3	2.6	3.4	2.7	3.6	2.6	3.6	2.6	3.7	2.7	3.9	2.6	4	2.6
	35	3.3	2.6	3.4	2.7	3.5	2.6	3.6	2.6	3.7	2.7	3.8	2.6	4	2.6
	37.5	3.3	2.6	3.3	2.6	3.5	2.6	3.5	2.6	3.6	2.7	3.8	2.6	3.9	2.6
	40	3.2	2.5	3.3	2.6	3.5	2.6	3.5	2.6	3.6	2.7	3.7	2.6	3.9	2.5
	43	3.2	2.5	3.3	2.6	3.4	2.5	3.5	2.6	3.6	2.7	3.7	2.9	3.8	2.5
45	20	4.4	3.3	4.5	3.4	4.7	3.3	4.8	3.4	4.9	3.5	5	3.4	5.2	3.3
	22.5	4.4	3.3	4.5	3.4	4.6	3.3	4.7	3.3	4.8	3.4	5	3.4	5.2	3.3
	25	4.3	3.3	4.4	3.4	4.6	3.3	4.7	3.3	4.8	3.4	5	3.3	5.1	3.2
	27.5	4.3	3.3	4.4	3.3	4.5	3.3	4.6	3.3	4.7	3.4	4.9	3.3	5.1	3.2
	30	4.2	3.2	4.3	3.3	4.5	3.2	4.6	3.3	4.7	3.4	4.9	3.3	5	3.2
	32.5	4.2	3.2	4.3	3.3	4.5	3.2	4.5	3.3	4.6	3.4	4.8	3.3	5	3.2
	35	4.1	3.2	4.1	3.3	4.4	3.2	4.5	3.2	4.6	3.3	4.8	3.3	5	3.2
	37.5	4.1	3.2	4.2	3.2	4.4	3.2	4.5	3.2	4.5	3.3	4.7	3.3	4.9	3.2
	40	4.1	3.1	4.1	3.2	4.3	3.2	4.4	3.2	4.5	3.3	4.7	3.2	4.9	3.2
	43	4	3.1	4.1	3.2	4.3	3.1	4.4	3.2	4.4	3.3	4.6	3.2	4.8	3.1
56	20	5.5	4	5.6	4.1	5.8	4	5.9	4	6	4.1	6.3	4	6.5	3.9
	22.5	5.4	3.9	5.5	4	5.8	3.9	5.9	4	6	4.1	6.2	4	6.4	3.9
	25	5.4	3.9	5.5	4	5.7	3.9	5.8	3.9	5.9	4.1	6.2	3.9	6.4	3.8
	27.5	5.3	3.9	5.4	4	5.7	3.9	5.8	3.9	5.9	4	6.1	3.9	6.3	3.8
	30	5.3	3.9	5.4	3.9	5.6	3.9	5.7	3.9	5.8	4	6	3.9	6.3	3.8
	32.5	5.2	3.8	5.3	3.9	5.5	3.8	5.7	3.9	5.8	4	6	3.9	6.2	3.8
	35	5.2	3.8	5.3	3.9	5.5	3.8	5.6	3.8	5.7	4	5.9	3.9	6.2	3.8
	37.5	5.1	3.8	5.2	3.9	5.4	3.8	5.5	3.8	5.7	3.9	5.9	3.8	6.1	3.7
	40	5	3.7	5.2	3.8	5.4	3.8	5.5	3.8	5.6	3.9	5.8	3.8	6	3.7
	43	5	3.7	5.1	3.8	5.3	3.7	5.4	3.8	5.5	3.9	5.8	3.8	6	3.7

To be continued

Continued

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
71	20	7	4.9	7.1	5	7.4	4.9	7.5	4.9	7.7	5	8	4.9	8.2	4.7
	22.5	6.9	4.9	7	4.9	7.3	4.8	7.5	4.8	7.6	5	7.9	4.8	8.2	4.7
	25	6.8	4.8	7	4.9	7.2	4.8	7.4	4.8	7.5	4.9	7.8	4.8	8.1	4.7
	27.5	6.7	4.8	6.9	4.9	7.2	4.8	7.3	4.8	7.5	4.9	7.7	4.8	8	4.6
	30	6.7	4.7	6.8	4.8	7.1	4.7	7.2	4.7	7.4	4.9	7.7	4.7	8	4.6
	32.5	6.6	4.7	6.7	4.8	7	4.7	7.2	4.7	7.3	4.8	7.6	4.7	7.9	4.6
	35	6.5	4.7	6.7	4.8	7	4.7	7.1	4.7	7.2	4.8	7.5	4.7	7.8	4.6
	37.5	6.5	4.6	6.6	4.7	6.9	4.6	7	4.6	7.2	4.8	7.5	4.7	7.7	4.5
	40	6.4	4.6	6.5	4.7	6.8	4.6	7	4.6	7.1	4.8	7.4	4.6	7.7	4.5
	43	6.3	4.6	6.4	4.6	6.7	4.6	6.9	4.6	7	4.7	7.3	4.6	7.6	4.5
80	20	7.8	5.4	8	5.5	8.3	5.4	8.5	5.4	8.6	5.6	9	5.4	9.3	5.2
	22.5	7.8	5.4	7.9	5.4	8.2	5.3	8.4	5.3	8.6	5.5	8.9	5.3	9.2	5.2
	25	7.7	5.3	7.8	5.4	8.2	5.3	8.3	5.3	8.5	5.4	8.8	5.3	9.1	5.2
	27.5	7.6	5.3	7.8	5.4	8.1	5.3	8.2	5.3	8.4	5.4	8.7	5.3	9	5.1
	30	7.5	5.2	7.7	5.3	8	5.2	8.2	5.2	8.3	5.3	8.6	5.2	9	5.1
	32.5	7.4	5.2	7.6	5.3	7.9	5.2	8.1	5.2	8.2	5.3	8.6	5.2	8.9	5
	35	7.4	5.2	7.5	5.3	7.8	5.2	8	5.2	8.2	5.3	8.5	5.2	8.8	5
	37.5	7.3	5.1	7.4	5.2	7.8	5.1	7.9	5.1	8.1	5.3	8.4	5.2	8.7	5
	40	7.2	5	7.4	5.2	7.7	5	7.8	5.1	8	5.3	8.3	5.1	8.6	5
	43	7.1	5	7.3	5.1	7.6	5	7.7	5	7.9	5.2	8.2	5.1	8.5	4.9
90	20	8.8	6.3	9	6.4	9.4	6.3	9.5	6.3	9.7	6.5	10.1	6.3	10.4	6.1
	22.5	8.7	6.3	8.9	6.4	9.3	6.2	9.5	6.3	9.6	6.5	10	6.3	10.4	6.1
	25	8.6	6.2	8.8	6.3	9.2	6.2	9.4	6.2	9.5	6.4	9.9	6.3	10.3	6.1
	27.5	8.6	6.2	8.7	6.3	9.1	6.2	9.3	6.2	9.5	6.4	9.8	6.2	10.2	6
	30	8.5	6.1	8.6	6.3	9	6.1	9.2	6.2	9.4	6.4	9.7	6.2	10.1	6
	32.5	8.4	6.1	8.6	6.2	8.9	6.1	9.1	6.1	9.3	6.3	9.6	6.2	10	6
	35	8.3	6	8.5	6.2	8.8	6	9	6.1	9.2	6.3	9.6	6.1	9.9	5.9
	37.5	8.2	6	8.4	6.1	8.7	6	8.9	6	9.1	6.2	9.5	6.1	9.8	5.9
	40	8.1	5.9	8.3	6.1	8.6	6	8.8	6	9	6.2	9.4	6	9.7	5.9
	43	8	5.9	8.2	6	8.5	5.9	8.7	6	8.9	6.2	9.3	6	9.6	5.8
112	20	11	8	11.2	8.2	11.6	8	11.9	8.1	12.1	8.3	12.5	8.1	13	7.9
	22.5	10.9	8	11.1	8.2	11.5	8	11.8	8	12	8.3	12.4	8.1	12.9	7.8
	25	10.8	7.9	11	8.1	11.4	7.9	11.6	8	11.9	8.2	12.3	8	12.8	7.8
	27.5	10.6	7.9	10.9	8.1	11.3	7.9	11.5	7.9	11.8	8.2	12.2	8	12.7	7.8
	30	10.5	7.8	10.8	8	11.2	7.8	11.4	7.9	11.6	8.1	12.1	7.9	12.5	7.7
	32.5	10.4	7.8	10.6	7.9	11.1	7.8	11.3	7.8	11.5	8.1	12	7.9	12.4	7.7
	35	10.3	7.7	10.5	7.9	11	7.7	11.2	7.8	11.4	8.1	11.9	7.9	12.3	7.6
	37.5	10.2	7.7	10.4	7.8	10.9	7.7	11.1	7.8	11.3	8	11.8	7.8	12.2	7.6
	40	10.1	7.6	10.3	7.8	10.8	7.6	11	7.7	11.2	8	11.6	7.8	12.1	7.6
	43	9.9	7.5	10.2	7.7	10.6	7.6	10.8	7.6	11.1	7.9	11.5	7.7	12	7.5
140	20	13.7	9.6	14	9.8	14.6	9.6	14.8	9.6	15.1	9.9	15.7	9.6	16.2	9.3
	22.5	13.6	9.6	13.9	9.7	14.4	9.5	14.7	9.5	15	9.8	15.5	9.5	16.1	9.2
	25	13.4	9.5	13.7	9.7	14.3	9.4	14.6	9.5	14.8	9.7	15.4	9.5	16	9.2
	27.5	13.3	9.4	13.6	9.6	14.1	9.4	14.4	9.4	14.7	9.6	15.3	9.4	15.8	9.1
	30	13.2	9.3	13.4	9.5	14	9.3	14.3	9.3	14.6	9.5	15.1	9.3	15.7	9.1
	32.5	13	9.3	13.3	9.4	13.9	9.2	14.1	9.3	14.4	9.5	15	9.3	15.5	9
	35	12.9	9.2	13.2	9.4	13.7	9.2	14	9.2	14.3	9.5	14.8	9.2	15.4	9
	37.5	12.7	9.1	13	9.3	13.6	9.1	13.9	9.1	14.1	9.4	14.7	9.2	15.3	8.9
	40	12.6	9	12.9	9.2	13.4	9	13.7	9.1	14	9.4	14.6	9.1	15.1	8.9
	43	12.4	9	12.7	9.1	13.3	9	13.6	9	13.8	9.3	14.4	9.1	15	8.8

Table 63. Heating capacity (4-way cassette indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)			
		15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0
	°C DB	SH	C SHC	SHC	SHC		°C DB	SHC	SHC	SHC	SHC		°C DB	SHC	SH	C SHC	SHC
22	-15.0	1.7		1.6	1.6	56	-15.0	4.2	4.2	4.1	4.1	140	-15.0	10.7	10.6	10.5	10.4
	-10.0	1.9		1.9	1.7		-10.0	4.8	4.8	4.7	4.3		-10.0	12.2	12.1	11.9	11.0
	-5.0	2.1	2.1	1.9	1.7		-5.0	5.4	5.3	4.9	4.3		-5.0	13.7	13.6	12.5	11.0
	0.0	2.4		1.9	1.7		0.0	6.0	5.9		4.3		0.0	15.3	15.1	12.5	11.0
	2.5	2.5		1.9	1.7		2.5	6.3	6.2		4.3		2.5	16.0	15.8	12.5	11.0
	6.0	2.5		1.9	1.7		6.0	6.4	6.3		4.3		6.0	16.2	16.0	12.5	11.0
	6.5	2.6		1.9	1.7		6.5	6.6	6.3		4.3		6.5	16.8	16.0	12.5	11.0
	10.0	2.8		1.9	1.7		10.0	7.1	6.3	4.9	4.3		10.0	18.0	16.0	12.5	11.0
	12.5	3.0		1.9	1.7		12.5	7.5	6.3	4.9	4.3		12.5	19.1	16.0	12.5	11.0
	15.5	3.0		1.9	1.7		15.5	7.6	6.3	4.9	4.3		15.5	19.4	16.0	12.5	11.0
28	-15.0	2.1		2.1	2.1	71	-15.0	5.4	5.3		5.2						
	-10.0	2.4		2.4	2.2		-10.0	6.1	6.0	6.0	5.5						
	-5.0	2.7		2.5	2.2		-5.0	6.9	6.8		5.5						
	0.0	3.1	3.0	2.5	2.2		0.0	7.6	7.5	6.2	5.5						
	2.5	3.2	3.2	2.5	2.2		2.5	8.0	7.9	6.2	5.5						
	6.0	3.2	3.2	2.5	2.2		6.0	8.1	8.0	6.2	5.5						
	6.5	3.4	3.2	2.5	2.2		6.5	8.4	8.0	6.2	5.5						
	10.0	3.6		2.5	2.2		10.0	9.0	8.0	6.2	5.5						
	12.5	3.8		2.5	2.2		12.5	9.6	8.0	6.2	5.5						
	15.5	3.9		2.5	2.2		15.5	9.7	8.0	6.2	5.5						
36	-15.0	2.7	2.6	2.6	2.6	80	-15.0	6.0	5.9	5.9	5.9						
	-10.0	3.1	3.0	3.0	2.8		-10.0	6.9	6.8	6.7	6.2						
	-5.0	3.4	3.4	3.1	2.8		-5.0	7.7	7.6		6.2						
	0.0	3.8	3.8	3.1	2.8		0.0	8.6	8.5		6.2						
	2.5	4.0	4.0	3.1	2.8		2.5	9.0	8.9		6.2						
	6.0	4.0	4.0	3.1	2.8		6.0	9.1	9.0		6.2						
	6.5	4.2	4.0	3.1	2.8		6.5	9.5	9.0		6.2						
	10.0	4.5	4.0	3.1	2.8		10.0	10.1	9.0		6.2						
	12.5	4.8	4.0	3.1	2.8		12.5	10.8	9.0		6.2						
	15.5	4.8	4.0	3.1	2.8		15.5	10.9	9.0		6.2						
40	-15.0	3.0		3.0	3.0	90	-15.0	6.7	6.6	6.5	6.5						
	-10.0	3.5		3.4	3.1		-10.0	7.6	7.5	7.4	6.9						
	-5.0	3.9		3.5	3.1		-5.0	8.6	8.5		6.9						
	0.0	4.3	4.3	3.5	3.1		0.0	9.5	9.4	7.8	6.9						
	2.5	4.5	4.5	3.5	3.1		2.5	10.0	9.9	7.8	6.9						
	6.0	4.6	4.5	3.5	3.1		6.0	10.1	10.0	7.8	6.9						
	6.5	4.8	4.5	3.5	3.1		6.5	10.5	10.0	7.8	6.9						
	10.0	5.1		3.5	3.1		10.0	11.2	10.0		6.9						
	12.5	5.4		3.5	3.1		12.5	12.0	10.0		6.9						
	15.5	5.5		3.5	3.1		15.5	12.1	10.0		6.9						
45	-15.0	3.3		3.3	3.3	112	-15.0	8.4	8.2	8.2	8.1						
	-10.0	3.8		3.7	3.5		-10.0	9.6	9.4	9.3	8.6						
	-5.0	4.3		3.9	3.5		-5.0	10.7	10.6		8.6						
	0.0	4.8	4.7	3.9	3.5		0.0	11.9	11.8	9.8	8.6						
	2.5	5.0	5.0	3.9	3.5		2.5	12.5	12.4	9.8	8.6						
	6.0	5.1	5.0	3.9	3.5		6.0	12.5	12.5	9.8	8.6						
	6.5	5.3	5.0	3.9	3.5		6.5	13.2	12.5	9.8	8.6						
	10.0	5.6		3.9	3.5		10.0	14.1	12.5		8.6						
	12.5	6.0		3.9	3.5		12.5	15.0	12.5		8.6						
	15.5	6.1		3.9	3.5		15.5	15.1	12.5		8.6						

Table 64. Cooling capacity (2-way cassette indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
22	20	2.2	1.8	2.2	1.9	2.3	1.9	2.3	1.9	2.4	2	2.5	1.9	2.6	1.9
	22.5	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.9	2.4	1.9	2.4	1.9	2.5	1.9
	25	2.1	1.8	2.2	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.9
	27.5	2.1	1.8	2.1	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	30	2.1	1.8	2.1	1.9	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	32.5	2	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.3	1.9	2.4	1.9	2.4	1.8
	35	2	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	37.5	2	1.8	2	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	40	2	1.8	2	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.8	2.4	1.8
	43	2	1.7	2	1.8	2.1	1.8	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.8
28	20	2.7	2.2	2.8	2.2	2.9	2.2	3	2.2	3	2.3	3.1	2.2	3.2	2.2
	22.5	2.7	2.2	2.8	2.2	2.9	2.2	2.9	2.2	3	2.3	3.1	2.2	3.2	2.2
	25	2.7	2.1	2.7	2.2	2.9	2.2	2.9	2.2	3	2.3	3.1	2.2	3.2	2.1
	27.5	2.7	2.1	2.7	2.2	2.8	2.2	2.9	2.2	2.9	2.2	3.1	2.2	3.2	2.1
	30	2.6	2.1	2.7	2.2	2.8	2.1	2.9	2.2	2.9	2.2	3	2.2	3.1	2.1
	32.5	2.6	2.1	2.7	2.2	2.8	2.1	2.8	2.1	2.9	2.2	3	2.2	3.1	2.1
	35	2.6	2.1	2.6	2.1	2.7	2.1	2.8	2.1	2.9	2.2	3	2.2	3.1	2.1
	37.5	2.5	2.1	2.6	2.1	2.7	2.1	2.8	2.1	2.8	2.2	2.9	2.2	3.1	2.1
	40	2.5	2.1	2.6	2.1	2.7	2.1	2.7	2.1	2.8	2.2	2.9	2.1	3	2.1
	43	2.5	2	2.5	2.1	2.7	2.1	2.7	2.1	2.8	2.2	2.9	2.1	3	2.1
36	20	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.7	3.9	2.8	4	2.7	4.2	2.6
	22.5	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.7	3.9	2.8	4	2.7	4.1	2.6
	25	3.5	2.7	3.5	2.7	3.7	2.6	3.7	2.7	3.8	2.8	4	2.7	4.1	2.6
	27.5	3.4	2.6	3.5	2.7	3.6	2.6	3.7	2.7	3.8	2.7	3.9	2.7	4.1	2.6
	30	3.4	2.6	3.5	2.7	3.6	2.6	3.7	2.6	3.7	2.7	3.9	2.7	4	2.6
	32.5	3.3	2.6	3.4	2.7	3.6	2.6	3.6	2.6	3.7	2.7	3.9	2.6	4	2.6
	35	3.3	2.6	3.4	2.7	3.5	2.6	3.6	2.6	3.7	2.7	3.8	2.6	4	2.6
	37.5	3.3	2.6	3.3	2.6	3.5	2.6	3.5	2.6	3.6	2.7	3.8	2.6	3.9	2.6
	40	3.2	2.5	3.3	2.6	3.5	2.6	3.5	2.6	3.6	2.7	3.7	2.6	3.9	2.5
	43	3.2	2.5	3.3	2.6	3.4	2.5	3.5	2.6	3.6	2.7	3.7	2.9	3.8	2.5
45	20	4.4	3.3	4.5	3.4	4.7	3.3	4.8	3.4	4.9	3.5	5	3.4	5.2	3.3
	22.5	4.4	3.3	4.5	3.4	4.6	3.3	4.7	3.3	4.8	3.4	5	3.4	5.2	3.3
	25	4.3	3.3	4.4	3.4	4.6	3.3	4.7	3.3	4.8	3.4	5	3.3	5.1	3.2
	27.5	4.3	3.3	4.4	3.3	4.5	3.3	4.6	3.3	4.7	3.4	4.9	3.3	5.1	3.2
	30	4.2	3.2	4.3	3.3	4.5	3.2	4.6	3.3	4.7	3.4	4.9	3.3	5	3.2
	32.5	4.2	3.2	4.3	3.3	4.5	3.2	4.5	3.3	4.6	3.4	4.8	3.3	5	3.2
	35	4.1	3.2	4.1	3.3	4.4	3.2	4.5	3.2	4.6	3.3	4.8	3.3	5	3.2
	37.5	4.1	3.2	4.2	3.2	4.4	3.2	4.5	3.2	4.5	3.3	4.7	3.3	4.9	3.2
	40	4.1	3.1	4.1	3.2	4.3	3.2	4.4	3.2	4.5	3.3	4.7	3.2	4.9	3.2
	43	4	3.1	4.1	3.2	4.3	3.1	4.4	3.2	4.4	3.3	4.6	3.2	4.8	3.1
56	20	5.5	4	5.6	4.1	5.8	4	5.9	4	6	4.1	6.3	4	6.5	3.9
	22.5	5.4	3.9	5.5	4	5.8	3.9	5.9	4	6	4.1	6.2	4	6.4	3.9
	25	5.4	3.9	5.5	4	5.7	3.9	5.8	3.9	5.9	4.1	6.2	3.9	6.4	3.8
	27.5	5.3	3.9	5.4	4	5.7	3.9	5.8	3.9	5.9	4	6.1	3.9	6.3	3.8
	30	5.3	3.9	5.4	3.9	5.6	3.9	5.7	3.9	5.8	4	6	3.9	6.3	3.8
	32.5	5.2	3.8	5.3	3.9	5.5	3.8	5.7	3.9	5.8	4	6	3.9	6.2	3.8
	35	5.2	3.8	5.3	3.9	5.5	3.8	5.6	3.8	5.7	4	5.9	3.9	6.2	3.8
	37.5	5.1	3.8	5.2	3.9	5.4	3.8	5.5	3.8	5.7	3.9	5.9	3.8	6.1	3.7
	40	5	3.7	5.2	3.8	5.4	3.8	5.5	3.8	5.6	3.9	5.8	3.8	6	3.7
	43	5	3.7	5.1	3.8	5.3	3.7	5.4	3.8	5.5	3.9	5.8	3.8	6	3.7

Table 65. Heating capacity (2-way cassette indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)			
		15.0	20.0	25.0	27.0
	°C DB	SH	C SHC	SHC	SHC
22	-15.0	1.7	1.6	1.6	1.6
	-10.0	1.9	1.9	1.9	1.7
	-5.0	2.1	2.1	1.9	1.7
	0.0	2.4	2.4	1.9	1.7
	2.5	2.5	2.5	1.9	1.7
	6.0	2.5	2.5	1.9	1.7
	6.5	2.6	2.5	1.9	1.7
	10.0	2.8	2.5	1.9	1.7
	12.5	3.0	2.5	1.9	1.7
	15.5	3.0	2.5	1.9	1.7
28	-15.0	2.1	2.1	2.1	2.1
	-10.0	2.4	2.4	2.4	2.2
	-5.0	2.7	2.7	2.5	2.2
	0.0	3.1	3.0	2.5	2.2
	2.5	3.2	3.2	2.5	2.2
	6.0	3.2	3.2	2.5	2.2
	6.5	3.4	3.2	2.5	2.2
	10.0	3.6	3.2	2.5	2.2
	12.5	3.8	3.2	2.5	2.2
	15.5	3.9	3.2	2.5	2.2
36	-15.0	2.7	2.6	2.6	2.6
	-10.0	3.1	3.0	3.0	2.8
	-5.0	3.4	3.4	3.1	2.8
	0.0	3.8	3.8	3.1	2.8
	2.5	4.0	4.0	3.1	2.8
	6.0	4.0	4.0	3.1	2.8
	6.5	4.2	4.0	3.1	2.8
	10.0	4.5	4.0	3.1	2.8
	12.5	4.8	4.0	3.1	2.8
	15.5	4.8	4.0	3.1	2.8
45	-15.0	3.3	3.3	3.3	3.3
	-10.0	3.8	3.8	3.7	3.5
	-5.0	4.3	4.2	3.9	3.5
	0.0	4.8	4.7	3.9	3.5
	2.5	5.0	5.0	3.9	3.5
	6.0	5.1	5.0	3.9	3.5
	6.5	5.3	5.0	3.9	3.5
	10.0	5.6	5.0	3.9	3.5
	12.5	6.0	5.0	3.9	3.5
	15.5	6.1	5.0	3.9	3.5
56	-15.0	4.2	4.2	4.1	4.1
	-10.0	4.8	4.8	4.7	4.3
	-5.0	5.4	5.3	4.9	4.3
	0.0	6.0	5.9	4.9	4.3
	2.5	6.3	6.2	4.9	4.3
	6.0	6.4	6.3	4.9	4.3
	6.5	6.6	6.3	4.9	4.3
	10.0	7.1	6.3	4.9	4.3
	12.5	7.5	6.3	4.9	4.3
	15.5	7.6	6.3	4.9	4.3

Table 66. Cooling capacity (High wall indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
22	20	2.2	1.5	2.2	1.5	2.3	1.5	2.3	1.5	2.4	1.6	2.5	1.5	2.6	1.5
	22.5	2.1	1.5	2.2	1.5	2.3	1.5	2.3	1.5	2.4	1.5	2.4	1.5	2.5	1.5
	25	2.1	1.5	2.2	1.5	2.2	1.5	2.3	1.5	2.3	1.5	2.4	1.5	2.5	1.5
	27.5	2.1	1.5	2.1	1.5	2.2	1.5	2.3	1.5	2.3	1.5	2.4	1.5	2.5	1.4
	30	2.1	1.5	2.1	1.5	2.2	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.5	1.4
	32.5	2	1.5	2.1	1.5	2.2	1.5	2.2	1.5	2.3	1.5	2.4	1.5	2.4	1.4
	35	2	1.5	2	1.5	2.2	1.5	2.2	1.5	2.2	1.5	2.3	1.5	2.4	1.4
	37.5	2	1.4	2	1.5	2.1	1.4	2.2	1.4	2.2	1.5	2.3	1.5	2.4	1.4
	40	2	1.4	2	1.5	2.1	1.4	2.2	1.4	2.2	1.5	2.3	1.4	2.4	1.4
	43	2	1.4	2.8	1.4	2.1	1.4	2.1	1.4	2.2	1.5	2.3	1.4	2.3	1.4
28	20	2.7	1.9	2.8	1.9	2.9	1.9	3	1.9	3	1.9	3.1	1.9	3.2	1.8
	22.5	2.7	1.9	2.7	1.9	2.9	1.9	2.9	1.9	3	1.9	3.1	1.9	3.2	1.8
	25	2.7	1.9	2.7	1.9	2.9	1.9	2.9	1.9	3	1.9	3.1	1.9	3.2	1.8
	27.5	2.7	1.9	2.7	1.9	2.8	1.8	2.9	1.9	2.9	1.9	3.1	1.9	3.2	1.8
	30	2.6	1.8	2.7	1.9	2.8	1.8	2.9	1.8	2.9	1.9	3	1.8	3.1	1.8
	32.5	2.6	1.8	2.6	1.9	2.8	1.8	2.8	1.8	2.9	1.9	3	1.8	3.1	1.8
	35	2.6	1.8	2.6	1.9	2.7	1.8	2.8	1.8	2.9	1.9	3	1.8	3.1	1.8
	37.5	2.5	1.8	2.6	1.8	2.7	1.8	2.8	1.8	2.8	1.9	2.9	1.8	3.1	1.8
	40	2.5	1.8	2.5	1.8	2.7	1.8	2.7	1.8	2.8	1.8	2.9	1.8	3	1.7
	43	2.5	1.8	3.6	1.8	2.7	1.8	2.7	1.8	2.8	1.8	2.9	1.8	3	1.7
36	20	3.5	2.8	3.6	2.9	3.7	2.8	3.8	2.9	3.9	3	4	2.9	4.2	2.8
	22.5	3.5	2.8	3.5	2.9	3.7	2.8	3.8	2.9	3.9	3	4	2.9	4.1	2.8
	25	3.5	2.8	3.5	2.9	3.7	2.8	3.7	2.9	3.8	3	4	2.9	4.1	2.8
	27.5	3.4	2.8	3.5	2.9	3.6	2.8	3.7	2.8	3.8	2.9	3.9	2.9	4.1	2.8
	30	3.4	2.8	3.4	2.8	3.6	2.8	3.7	2.8	3.7	2.9	3.9	2.9	4	2.8
	32.5	3.3	2.7	3.4	2.8	3.6	2.8	3.6	2.8	3.7	2.9	3.9	2.9	4	2.8
	35	3.3	2.7	3.3	2.8	3.5	2.7	3.6	2.8	3.7	2.9	3.8	2.8	4	2.8
	37.5	3.3	2.7	3.3	2.8	3.5	2.7	3.6	2.8	3.6	2.9	3.8	2.8	3.9	2.8
	40	3.2	2.7	3.3	2.8	3.5	2.7	3.5	2.8	3.6	2.9	3.7	2.8	3.9	2.7
	43	3.2	2.7	4	2.8	3.4	2.9	3.5	2.8	3.6	2.9	3.7	2.8	3.8	2.7
40	20	3.9	2.9	4	3	4.2	2.9	4.3	3	4.3	3.2	4.5	3	4.7	2.9
	22.5	3.9	2.9	3.9	3	4.1	2.9	4.2	3	4.3	3.2	4.5	3	4.6	2.9
	25	3.9	2.9	3.9	3	4.1	2.9	4.2	3	4.3	3.2	4.4	3	4.6	2.9
	27.5	3.8	2.9	3.9	3	4.1	2.9	4.1	2.9	4.2	3	4.4	3	4.5	2.9
	30	3.8	2.9	3.8	2.9	4	2.9	4.1	2.9	4.2	3	4.3	3	4.5	2.9
	32.5	3.7	2.8	3.8	2.9	4	2.9	4.1	2.9	4.1	3	4.3	3	4.5	2.9
	35	3.7	2.8	3.7	2.9	3.9	2.8	4	2.9	4.1	3	4.3	2.9	4.4	2.9
	37.5	3.7	2.8	3.7	2.9	3.9	2.8	4	2.9	4.1	3	4.2	2.9	4.4	2.9
	40	3.6	2.8	3.7	2.9	3.9	2.8	3.9	2.9	4	3	4.2	2.9	4.3	2.8
	43	3.6	2.8	4.5	2.9	3.8	3.2	3.9	2.9	4	3	4.1	2.9	4.3	2.8

Continued

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
45	20	4.4	3.2	4.5	3.3	4.7	3.2	4.8	3.2	4.9	3.3	5	3.3	5.2	3.2
	22.5	4.4	3.2	4.4	3.3	4.6	3.2	4.7	3.2	4.8	3.3	5	3.2	5.2	3.2
	25	4.3	3.2	4.4	3.3	4.6	3.2	4.7	3.2	4.8	3.3	5	3.2	5.1	3.1
	27.5	4.3	3.2	4.3	3.2	4.5	3.1	4.6	3.2	4.7	3.3	4.9	3.2	5.1	3.1
	30	4.2	3.1	4.3	3.2	4.5	3.1	4.6	3.2	4.7	3.3	4.9	3.2	5	3.1
	32.5	4.2	3.1	4.2	3.2	4.5	3.1	4.5	3.2	4.6	3.3	4.8	3.2	5	3.1
	35	4.1	3.1	4.2	3.2	4.4	3.1	4.5	3.1	4.6	3.2	4.8	3.2	5	3.1
	37.5	4.1	3.1	4.1	3.2	4.4	3.1	4.5	3.1	4.5	3.2	4.7	3.1	4.9	3.1
	40	4.1	3.1	4.1	3.1	4.3	3	4.4	3.1	4.5	3.2	4.7	3.1	4.9	3
	43	4	3	5.6	3.1	4.3	3.8	4.4	3.1	4.4	3.2	4.6	3.1	4.8	3
56	20	5.5	3.8	5.5	3.9	5.8	3.7	5.9	3.8	6	3.9	6.3	3.7	6.5	3.6
	22.5	5.4	3.8	5.5	3.8	5.8	3.7	5.9	3.7	6	3.8	6.2	3.7	6.4	3.6
	25	5.4	3.7	5.4	3.8	5.7	3.7	5.8	3.7	5.9	3.8	6.2	3.7	6.4	3.6
	27.5	5.3	3.7	5.4	3.8	5.7	3.7	5.8	3.7	5.8	3.8	6.1	3.7	6.3	3.6
	30	5.3	3.7	5.3	3.7	5.6	3.6	5.7	3.7	5.8	3.8	6	3.7	6.3	3.5
	32.5	5.2	3.6	5.3	3.7	5.5	3.6	5.7	3.6	5.7	3.7	6	3.6	6.2	3.5
	35	5.2	3.6	5.2	3.7	5.5	3.6	5.6	3.6	5.7	3.7	5.9	3.6	6.2	3.5
	37.5	5.1	3.6	5.2	3.7	5.4	3.5	5.5	3.6	5.6	3.7	5.9	3.6	6.1	3.5
	40	5	3.6	5.1	3.6	5.4	3.5	5.5	3.6	5.5	3.7	5.8	3.6	6	3.5
	43	5	3.5	2.1	3.6	5.3	2.8	5.4	3.5	5.9	3.6	5.8	3.5	6	3.4
71	20	7	4.9	7.1	5	7.4	4.9	7.5	4.9	7.7	5	8	4.9	8.2	4.7
	22.5	6.9	4.9	7	4.9	7.3	4.8	7.5	4.8	7.6	5	7.9	4.8	8.2	4.7
	25	6.8	4.8	7	4.9	7.2	4.8	7.4	4.8	7.5	4.9	7.8	4.8	8.1	4.7
	27.5	6.7	4.8	6.9	4.9	7.2	4.8	7.3	4.8	7.5	4.9	7.7	4.8	8	4.6
	30	6.7	4.7	6.8	4.8	7.1	4.7	7.2	4.7	7.4	4.9	7.7	4.7	8	4.6
	32.5	6.6	4.7	6.7	4.8	7	4.7	7.2	4.7	7.3	4.8	7.6	4.7	7.9	4.6
	35	6.5	4.7	6.7	4.8	7	4.7	7.1	4.7	7.2	4.8	7.5	4.7	7.8	4.6
	37.5	6.5	4.6	6.6	4.7	6.9	4.6	7	4.6	7.2	4.8	7.5	4.7	7.7	4.5
	40	6.4	4.6	6.5	4.7	6.8	4.6	7	4.6	7.1	4.8	7.4	4.6	7.7	4.5
	43	6.3	4.6	6.4	4.6	6.7	4.6	6.9	4.6	7	4.7	7.3	4.6	7.6	4.5

Table 67. Heating capacity (High wall indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)			
		15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0
	°C DB	SH	C SHC	SHC	SHC		°C DB	SH	C SHC	SHC	SHC
22	-15	1.7	1.6	1.6	1.6	45	-15	3.3	3.3	3.3	3.3
	-10	1.9	1.9	1.9	1.7		-10	3.8	3.8	3.7	3.5
	-5	2.1	2.1	1.9	1.7		-5	4.3	4.2	3.9	3.5
	0	2.4	2.4	1.9	1.7		0	4.8	4.7	3.9	3.5
	2.5	2.5	2.5	1.9	1.7		2.5	5	5	3.9	3.5
	6	2.5	2.5	1.9	1.7		6	5.1	5	3.9	3.5
	6.5	2.6	2.5	1.9	1.7		6.5	5.3	5	3.9	3.5
	10	2.8	2.5	1.9	1.7		10	5.6	5	3.9	3.5
	12.5	3	2.5	1.9	1.7		12.5	6	5	3.9	3.5
	15.5	3	2.5	1.9	1.7		15.5	6.1	5	3.9	3.5
28	-15	2.1	2.1	2.1	2.1	56	-15	4.2	4.2	4.1	4.1
	-10	2.4	2.4	2.4	2.2		-10	4.8	4.8	4.7	4.3
	-5	2.7	2.7	2.5	2.2		-5	5.4	5.3	4.9	4.3
	0	3.1	3	2.5	2.2		0	6	5.9	4.9	4.3
	2.5	3.2	3.2	2.5	2.2		2.5	6.3	6.2	4.9	4.3
	6	3.2	3.2	2.5	2.2		6	6.4	6.3	4.9	4.3
	6.5	3.4	3.2	2.5	2.2		6.5	6.6	6.3	4.9	4.3
	10	3.6	3.2	2.5	2.2		10	7.1	6.3	4.9	4.3
	12.5	3.8	3.2	2.5	2.2		12.5	7.5	6.3	4.9	4.3
	15.5	3.9	3.2	2.5	2.2		15.5	7.6	6.3	4.9	4.3
36	-15	2.7	2.6	2.6	2.6	71	-15	5.4	5.3	5.2	5.2
	-10	3.1	3	3	2.8		-10	6.1	6	6	5.5
	-5	3.4	3.4	3.1	2.8		-5	6.9	6.8	6.2	5.5
	0	3.8	3.8	3.1	2.8		0	7.6	7.5	6.2	5.5
	2.5	4	4	3.1	2.8		2.5	8	7.9	6.2	5.5
	6	4	4	3.1	2.8		6	8.1	8	6.2	5.5
	6.5	4.2	4	3.1	2.8		6.5	8.4	8	6.2	5.5
	10	4.5	4	3.1	2.8		10	9	8	6.2	5.5
	12.5	4.8	4	3.1	2.8		12.5	9.6	8	6.2	5.5
	15.5	4.8	4	3.1	2.8		15.5	9.7	8	6.2	5.5
40	-15	3	3	3	3						
	-10	3.5	3.4	3.4	3.1						
	-5	3.9	3.8	3.5	3.1						
	0	4.3	4.3	3.5	3.1						
	2.5	4.5	4.5	3.5	3.1						
	6	4.6	4.5	3.5	3.1						
	6.5	4.8	4.5	3.5	3.1						
	10	5.1	4.5	3.5	3.1						
	12.5	5.4	4.5	3.5	3.1						
	15.5	5.5	4.5	3.5	3.1						

Table 68. Cooling capacity (Floor ceiling indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
45	20.0	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.7	3.9	2.8	4.0	2.7	4.2	2.6
	22.5	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.7	3.9	2.8	4.0	2.7	4.1	2.6
	25.0	3.5	2.7	3.5	2.7	3.7	2.6	3.7	2.7	3.8	2.8	4.0	2.7	4.1	2.6
	27.5	3.4	2.6	3.5	2.7	3.6	2.6	3.7	2.7	3.8	2.7	3.9	2.7	4.1	2.6
	30.0	3.4	2.6	3.5	2.7	3.6	2.6	3.7	2.6	3.7	2.7	3.9	2.7	4.0	2.6
	32.5	3.3	2.6	3.4	2.7	3.6	2.6	3.6	2.6	3.7	2.7	3.9	2.6	4.0	2.6
	35.0	3.3	2.6	3.4	2.7	3.5	2.6	3.6	2.6	3.7	2.7	3.8	2.6	4.0	2.6
	37.5	3.3	2.6	3.3	2.6	3.5	2.6	3.5	2.6	3.6	2.7	3.8	2.6	3.9	2.6
	40.0	3.2	2.5	3.3	2.6	3.5	2.6	3.5	2.6	3.6	2.7	3.7	2.6	3.9	2.5
	43.0	3.2	2.5	3.3	2.6	3.4	2.5	4.3	2.6	3.6	2.7	3.7	2.9	3.8	2.5
56	20.0	5.5	4.0	5.6	4.1	5.8	4.0	5.9	4.0	6.0	4.1	6.3	4.0	6.5	3.9
	22.5	5.4	3.9	5.5	4.0	5.8	3.9	5.9	4.0	6.0	4.1	6.2	4.0	6.4	3.9
	25.0	5.4	3.9	5.5	4.0	5.7	3.9	5.8	3.9	5.9	4.1	6.2	3.9	6.4	3.8
	27.5	5.3	3.9	5.4	4.0	5.7	3.9	5.8	3.9	5.9	4.0	6.1	3.9	6.3	3.8
	30.0	5.3	3.9	5.4	3.9	5.6	3.9	5.7	3.9	5.8	4.0	6.0	3.9	6.3	3.8
	32.5	5.2	3.8	5.3	3.9	5.5	3.8	5.7	3.9	5.8	4.0	6.0	3.9	6.2	3.8
	35.0	5.2	3.8	5.3	3.9	5.5	3.8	5.6	3.8	5.7	4.0	5.9	3.9	6.2	3.8
	37.5	5.1	3.8	5.2	3.9	5.4	3.8	5.5	3.8	5.7	3.9	5.9	3.8	6.1	3.7
	40.0	5.0	3.7	5.2	3.8	5.4	3.8	5.5	3.8	5.6	3.9	5.8	3.8	6.0	3.7
	43.0	5.0	3.7	5.1	3.8	5.3	3.7	5.4	3.8	5.5	3.9	5.8	3.8	6.0	3.7
71	20.0	7.0	4.9	7.1	5.0	7.4	4.9	7.5	4.9	7.7	5.0	8.0	4.9	8.2	4.7
	22.5	6.9	4.9	7.0	4.9	7.3	4.8	7.5	4.8	7.6	5.0	7.9	4.8	8.2	4.7
	25.0	6.8	4.8	7.0	4.9	7.2	4.8	7.4	4.8	7.5	4.9	7.8	4.8	8.1	4.7
	27.5	6.7	4.8	6.9	4.9	7.2	4.8	7.3	4.8	7.5	4.9	7.7	4.8	8.0	4.6
	30.0	6.7	4.7	6.8	4.8	7.1	4.7	7.2	4.7	7.4	4.9	7.7	4.7	8.0	4.6
	32.5	6.6	4.7	6.7	4.8	7.0	4.7	7.2	4.7	7.3	4.8	7.6	4.7	7.9	4.6
	35.0	6.5	4.7	6.7	4.8	7.0	4.7	7.1	4.7	7.2	4.8	7.5	4.7	7.8	4.6
	37.5	6.5	4.6	6.6	4.7	6.9	4.6	7.0	4.6	7.2	4.8	7.5	4.7	7.7	4.5
	40.0	6.4	4.6	6.5	4.7	6.8	4.6	7.0	4.6	7.1	4.8	7.4	4.6	7.7	4.5
	43.0	6.3	4.6	6.4	4.6	6.7	4.6	6.9	4.6	7.0	4.7	7.3	4.6	7.6	4.5
112	20.0	11.0	8.0	11.2	8.2	11.6	8.0	11.9	8.1	12.1	8.3	12.5	8.1	13.0	7.9
	22.5	10.9	8.0	11.1	8.2	11.5	8.0	11.8	8.0	12.0	8.3	12.4	8.1	12.9	7.8
	25.0	10.8	7.9	11.0	8.1	11.4	7.9	11.6	8.0	11.9	8.2	12.3	8.0	12.8	7.8
	27.5	10.6	7.9	10.9	8.1	11.3	7.9	11.5	7.9	11.8	8.2	12.2	8.0	12.7	7.8
	30.0	10.5	7.8	10.8	8.0	11.2	7.8	11.4	7.9	11.6	8.1	12.1	7.9	12.5	7.7
	32.5	10.4	7.8	10.6	7.9	11.1	7.8	11.3	7.8	11.5	8.1	12.0	7.9	12.4	7.7
	35.0	10.3	7.7	10.5	7.9	11.0	7.7	11.2	7.8	11.4	8.1	11.9	7.9	12.3	7.6
	37.5	10.2	7.7	10.4	7.8	10.9	7.7	11.1	7.8	11.3	8.0	11.8	7.8	12.2	7.6
	40.0	10.1	7.6	10.3	7.8	10.8	7.6	11.0	7.7	11.2	8.0	11.6	7.8	12.1	7.6
	43.0	9.9	7.5	10.2	7.7	10.6	7.6	10.8	7.6	11.1	7.9	11.5	7.7	12.0	7.5
140	20.0	13.7	9.6	14.0	9.8	14.6	9.6	14.8	9.6	15.1	9.9	15.7	9.6	16.2	9.3
	22.5	13.6	9.6	13.9	9.7	14.4	9.5	14.7	9.5	15.0	9.8	15.5	9.5	16.1	9.2
	25.0	13.4	9.5	13.7	9.7	14.3	9.4	14.6	9.5	14.8	9.7	15.4	9.5	16.0	9.2
	27.5	13.3	9.4	13.6	9.6	14.1	9.4	14.4	9.4	14.7	9.6	15.3	9.4	15.8	9.1
	30.0	13.2	9.3	13.4	9.5	14.0	9.3	14.3	9.3	14.6	9.5	15.1	9.3	15.7	9.1
	32.5	13.0	9.3	13.3	9.4	13.9	9.2	14.1	9.3	14.4	9.5	15.0	9.3	15.5	9.0
	35.0	12.9	9.2	13.2	9.4	13.7	9.2	14.0	9.2	14.3	9.5	14.8	9.2	15.4	9.0
	37.5	12.7	9.1	13.0	9.3	13.6	9.1	13.9	9.1	14.1	9.4	14.7	9.2	15.3	8.9
	40.0	12.6	9.0	12.9	9.2	13.4	9.0	13.7	9.1	14.0	9.4	14.6	9.1	15.1	8.9
	43.0	12.4	9.0	12.7	9.1	13.3	9.0	13.6	9.0	13.8	9.3	14.4	9.1	15.0	8.8

Table 69. Heating capacity (Floor ceiling indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)			
		15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0
	°C DB	SH	C SHC	SHC	SHC		°C DB	SH	C SHC	SHC	SHC		°C DB	SH	C SHC	SHC	SHC
22	-15.0	1.7	1.6	1.6	1.6	56	-15.0	4.2	4.2	4.1	4.1	140	-15.0	10.7	10.6	10.5	10.4
	-10.0	1.9	1.9	1.9	1.7		-10.0	4.8	4.8	4.7	4.3		-10.0	12.2	12.1	11.9	11.0
	-5.0	2.1	2.1	1.9	1.7		-5.0	5.4	5.3	4.9	4.3		-5.0	13.7	13.6	12.5	11.0
	0.0	2.4	2.4	1.9	1.7		0.0	6.0	5.9	4.9	4.3		0.0	15.3	15.1	12.5	11.0
	2.5	2.5	2.5	1.9	1.7		2.5	6.3	6.2	4.9	4.3		2.5	16.0	15.8	12.5	11.0
	6.0	2.5	2.5	1.9	1.7		6.0	6.4	6.3	4.9	4.3		6.0	16.2	16.0	12.5	11.0
	6.5	2.6	2.5	1.9	1.7		6.5	6.6	6.3	4.9	4.3		6.5	16.8	16.0	12.5	11.0
	10.0	2.8	2.5	1.9	1.7		10.0	7.1	6.3	4.9	4.3		10.0	18.0	16.0	12.5	11.0
	12.5	3.0	2.5	1.9	1.7		12.5	7.5	6.3	4.9	4.3		12.5	19.1	16.0	12.5	11.0
	15.5	3.0	2.5	1.9	1.7		15.5	7.6	6.3	4.9	4.3		15.5	19.4	16.0	12.5	11.0
28	-15.0	2.1	2.1	2.1	2.1	71	-15.0	5.4	5.3	5.2	5.2						
	-10.0	2.4	2.4	2.4	2.2		-10.0	6.1	6.0	6.0	5.5						
	-5.0	2.7	2.7	2.5	2.2		-5.0	6.9	6.8	6.2	5.5						
	0.0	3.1	3.0	2.5	2.2		0.0	7.6	7.5	6.2	5.5						
	2.5	3.2	3.2	2.5	2.2		2.5	8.0	7.9	6.2	5.5						
	6.0	3.2	3.2	2.5	2.2		6.0	8.1	8.0	6.2	5.5						
	6.5	3.4	3.2	2.5	2.2		6.5	8.4	8.0	6.2	5.5						
	10.0	3.6	3.2	2.5	2.2		10.0	9.0	8.0	6.2	5.5						
	12.5	3.8	3.2	2.5	2.2		12.5	9.6	8.0	6.2	5.5						
	15.5	3.9	3.2	2.5	2.2		15.5	9.7	8.0	6.2	5.5						
36	-15.0	2.7	2.6	2.6	2.6	80	-15.0	6.0	5.9	5.9	5.9						
	-10.0	3.1	3.0	3.0	2.8		-10.0	6.9	6.8	6.7	6.2						
	-5.0	3.4	3.4	3.1	2.8		-5.0	7.7	7.6	7.0	6.2						
	0.0	3.8	3.8	3.1	2.8		0.0	8.6	8.5	7.0	6.2						
	2.5	4.0	4.0	3.1	2.8		2.5	9.0	8.9	7.0	6.2						
	6.0	4.0	4.0	3.1	2.8		6.0	9.1	9.0	7.0	6.2						
	6.5	4.2	4.0	3.1	2.8		6.5	9.5	9.0	7.0	6.2						
	10.0	4.5	4.0	3.1	2.8		10.0	10.1	9.0	7.0	6.2						
	12.5	4.8	4.0	3.1	2.8		12.5	10.8	9.0	7.0	6.2						
	15.5	4.8	4.0	3.1	2.8		15.5	10.9	9.0	7.0	6.2						
40	-15.0	3.0	3.0	3.0	3.0	90	-15.0	6.7	6.6	6.5	6.5						
	-10.0	3.5	3.4	3.4	3.1		-10.0	7.6	7.5	7.4	6.9						
	-5.0	3.9	3.8	3.5	3.1		-5.0	8.6	8.5	7.8	6.9						
	0.0	4.3	4.3	3.5	3.1		0.0	9.5	9.4	7.8	6.9						
	2.5	4.5	4.5	3.5	3.1		2.5	10.0	9.9	7.8	6.9						
	6.0	4.6	4.5	3.5	3.1		6.0	10.1	10.0	7.8	6.9						
	6.5	4.8	4.5	3.5	3.1		6.5	10.5	10.0	7.8	6.9						
	10.0	5.1	4.5	3.5	3.1		10.0	11.2	10.0	7.8	6.9						
	12.5	5.4	4.5	3.5	3.1		12.5	12.0	10.0	7.8	6.9						
	15.5	5.5	4.5	3.5	3.1		15.5	12.1	10.0	7.8	6.9						
45	-15.0	3.3	3.3	3.3	3.3	112	-15.0	8.4	8.2	8.2	8.1						
	-10.0	3.8	3.8	3.7	3.5		-10.0	9.6	9.4	9.3	8.6						
	-5.0	4.3	4.2	3.9	3.5		-5.0	10.7	10.6	9.8	8.6						
	0.0	4.8	4.7	3.9	3.5		0.0	11.9	11.8	9.8	8.6						
	2.5	5.0	5.0	3.9	3.5		2.5	12.5	12.4	9.8	8.6						
	6.0	5.1	5.0	3.9	3.5		6.0	12.5	12.5	9.8	8.6						
	6.5	5.3	5.0	3.9	3.5		6.5	13.2	12.5	9.8	8.6						
	10.0	5.6	5.0	3.9	3.5		10.0	14.1	12.5	9.8	8.6						
	12.5	6.0	5.0	3.9	3.5		12.5	15.0	12.5	9.8	8.6						
	15.5	6.1	5.0	3.9	3.5		15.5	15.1	12.5	9.8	8.6						

Table 70. Cooling capacity (Low ESP duct indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
22	20.0	2.2	1.8	2.2	1.9	2.3	1.9	2.3	1.9	2.4	2.0	2.5	1.9	2.6	1.9
	22.5	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.9	2.4	1.9	2.4	1.9	2.5	1.9
	25.0	2.1	1.8	2.2	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.9
	27.5	2.1	1.8	2.1	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	30.0	2.1	1.8	2.1	1.9	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	32.5	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.3	1.9	2.4	1.9	2.4	1.8
	35.0	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	37.5	2.0	1.8	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	40.0	2.0	1.8	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.8	2.4	1.8
	43.0	2.0	1.7	2.0	1.8	2.1	1.8	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.8
28	20.0	2.7	2.2	2.8	2.2	2.9	2.2	3.0	2.2	3.0	2.3	3.1	2.2	3.2	2.2
	22.5	2.7	2.2	2.8	2.2	2.9	2.2	2.9	2.2	3.0	2.3	3.1	2.2	3.2	2.2
	25.0	2.7	2.1	2.7	2.2	2.9	2.2	2.9	2.2	3.0	2.3	3.1	2.2	3.2	2.1
	27.5	2.7	2.1	2.7	2.2	2.8	2.1	2.9	2.2	2.9	2.2	3.1	2.2	3.2	2.1
	30.0	2.6	2.1	2.7	2.2	2.8	2.1	2.9	2.2	2.9	2.2	3.0	2.2	3.1	2.1
	32.5	2.6	2.1	2.7	2.2	2.8	2.1	2.8	2.1	2.9	2.2	3.0	2.2	3.1	2.1
	35.0	2.6	2.1	2.6	2.1	2.7	2.1	2.8	2.1	2.9	2.2	3.0	2.2	3.1	2.1
	37.5	2.5	2.1	2.6	2.1	2.7	2.1	2.8	2.1	2.8	2.2	2.9	2.2	3.1	2.1
	40.0	2.5	2.1	2.6	2.1	2.7	2.1	2.7	2.1	2.8	2.2	2.9	2.1	3.0	2.1
	43.0	2.5	2.0	2.5	2.1	2.7	2.1	2.7	2.1	2.8	2.2	2.9	2.1	3.0	2.1
36	20.0	3.5	2.7	3.6	2.8	3.7	2.7	3.8	2.7	3.9	2.8	4.0	2.7	4.2	2.7
	22.5	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.7	3.9	2.8	4.0	2.7	4.1	2.7
	25.0	3.5	2.7	3.5	2.7	3.7	2.7	3.7	2.7	3.8	2.8	4.0	2.7	4.1	2.6
	27.5	3.4	2.6	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.8	3.9	2.7	4.1	2.6
	30.0	3.4	2.6	3.5	2.7	3.6	2.6	3.7	2.7	3.7	2.8	3.9	2.7	4.0	2.6
	32.5	3.3	2.6	3.4	2.7	3.6	2.6	3.6	2.7	3.7	2.7	3.9	2.7	4.0	2.6
	35.0	3.3	2.6	3.4	2.7	3.5	2.6	3.6	2.6	3.7	2.7	3.8	2.7	4.0	2.6
	37.5	3.3	2.6	3.3	2.6	3.5	2.6	3.6	2.6	3.6	2.7	3.8	2.7	3.9	2.6
	40.0	3.2	2.6	3.3	2.6	3.5	2.6	3.5	2.6	3.6	2.7	3.7	2.6	3.9	2.6
	43.0	3.2	2.5	3.3	2.6	3.4	2.6	3.5	2.6	3.6	2.7	3.7	2.6	3.8	2.6
45	20.0	4.4	3.3	4.5	3.4	4.7	3.3	4.8	3.4	4.9	3.5	5.0	3.4	5.2	3.3
	22.5	4.4	3.3	4.5	3.4	4.6	3.3	4.7	3.3	4.8	3.4	5.0	3.4	5.2	3.3
	25.0	4.3	3.3	4.4	3.4	4.6	3.3	4.7	3.3	4.8	3.4	5.0	3.3	5.1	3.2
	27.5	4.3	3.3	4.4	3.3	4.5	3.3	4.6	3.3	4.7	3.4	4.9	3.3	5.1	3.2
	30.0	4.2	3.2	4.3	3.3	4.5	3.2	4.6	3.3	4.7	3.4	4.9	3.3	5.0	3.2
	32.5	4.2	3.2	4.3	3.3	4.5	3.2	4.5	3.3	4.6	3.4	4.8	3.3	5.0	3.2
	35.0	4.1	3.2	4.2	3.3	4.4	3.2	4.5	3.2	4.6	3.3	4.8	3.3	5.0	3.2
	37.5	4.1	3.2	4.2	3.2	4.4	3.2	4.5	3.2	4.5	3.3	4.7	3.3	4.9	3.2
	40.0	4.1	3.1	4.1	3.2	4.3	3.2	4.4	3.2	4.5	3.3	4.7	3.2	4.9	3.2
	43.0	4.0	3.1	4.1	3.2	4.3	3.1	4.4	3.2	4.4	3.3	4.6	3.2	4.8	3.1

To be continued

Continued

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
56	20.0	5.5	3.9	5.6	4.0	5.8	3.9	5.9	3.9	6.0	4.0	6.3	3.9	6.5	3.8
	22.5	5.4	3.9	5.5	3.9	5.8	3.9	5.9	3.9	6.0	4.0	6.2	3.9	6.4	3.8
	25.0	5.4	3.8	5.5	3.9	5.7	3.8	5.8	3.8	5.9	4.0	6.2	3.8	6.4	3.7
	27.5	5.3	3.8	5.4	3.9	5.7	3.8	5.8	3.8	5.9	3.9	6.1	3.8	6.3	3.7
	30.0	5.3	3.8	5.4	3.9	5.6	3.8	5.7	3.8	5.8	3.9	6.0	3.8	6.3	3.7
	32.5	5.2	3.8	5.3	3.8	5.5	3.7	5.7	3.8	5.8	3.9	6.0	3.8	6.2	3.7
	35.0	5.2	3.7	5.3	3.8	5.5	3.7	5.6	3.7	5.7	3.9	5.9	3.8	6.2	3.7
	37.5	5.1	3.7	5.2	3.8	5.4	3.7	5.5	3.7	5.7	3.8	5.9	3.7	6.1	3.6
	40.0	5.0	3.7	5.2	3.8	5.4	3.7	5.5	3.7	5.6	3.8	5.8	3.7	6.0	3.6
	43.0	5.0	3.6	5.1	3.7	5.3	3.6	5.4	3.7	5.5	3.8	5.8	3.7	6.0	3.6
71	20.0	7.0	5.1	7.1	5.2	7.4	5.1	7.5	5.1	7.7	5.3	8.0	5.2	8.2	5.0
	22.5	6.9	5.1	7.0	5.2	7.3	5.1	7.5	5.1	7.6	5.3	7.9	5.1	8.2	5.0
	25.0	6.8	5.0	7.0	5.2	7.2	5.0	7.4	5.1	7.5	5.2	7.8	5.1	8.1	5.0
	27.5	6.7	5.0	6.9	5.1	7.2	5.0	7.3	5.1	7.5	5.2	7.7	5.1	8.0	4.9
	30.0	6.7	5.0	6.8	5.1	7.1	5.0	7.2	5.0	7.4	5.2	7.7	5.0	8.0	4.9
	32.5	6.6	4.9	6.7	5.1	7.0	4.9	7.2	5.0	7.3	5.2	7.6	5.0	7.9	4.9
	35.0	6.5	4.9	6.7	5.0	7.0	4.9	7.1	5.0	7.2	5.1	7.5	5.0	7.8	4.9
	37.5	6.5	4.9	6.6	5.0	6.9	4.9	7.0	4.9	7.2	5.1	7.5	5.0	7.7	4.8
	40.0	6.4	4.8	6.5	5.0	6.8	4.9	7.0	4.9	7.1	5.1	7.4	4.9	7.7	4.8
	43.0	6.3	4.8	6.4	4.9	6.7	4.8	6.9	4.9	7.0	5.0	7.3	4.9	7.6	4.8

Table 71. Heating capacity (Low ESP duct indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)			
		15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0
	°C DB	SH	C SHC	SHC	SHC		°C DB	SH	C SHC	SHC	SHC		°C DB	SH	C SHC	SHC	SHC
22	-15.0	1.7	1.6	1.6	1.6	45	-15.0	3.3	3.3	3.3	3.3	90	-15.0	6.7	6.6	6.5	6.5
	-10.0	1.9	1.9	1.9	1.7		-10.0	3.8	3.8	3.7	3.5		-10.0	7.6	7.5	7.4	6.9
	-5.0	2.1	2.1	1.9	1.7		-5.0	4.3	4.2	3.9	3.5		-5.0	8.6	8.5	7.8	6.9
	0.0	2.4	2.4	1.9	1.7		0.0	4.8	4.7	3.9	3.5		0.0	9.5	9.4	7.8	6.9
	2.5	2.5	2.5	1.9	1.7		2.5	5.0	5.0	3.9	3.5		2.5	10.0	9.9	7.8	6.9
	6.0	2.5	2.5	1.9	1.7		6.0	5.1	5.0	3.9	3.5		6.0	10.1	10.0	7.8	6.9
	6.5	2.6	2.5	1.9	1.7		6.5	5.3	5.0	3.9	3.5		6.5	10.5	10.0	7.8	6.9
	10.0	2.8	2.5	1.9	1.7		10.0	5.6	5.0	3.9	3.5		10.0	11.2	10.0	7.8	6.9
	12.5	3.0	2.5	1.9	1.7		12.5	6.0	5.0	3.9	3.5		12.5	12.0	10.0	7.8	6.9
	15.5	3.0	2.5	1.9	1.7		15.5	6.1	5.0	3.9	3.5		15.5	12.1	10.0	7.8	6.9
28	-15.0	2.1	2.1	2.1	2.1	56	-15.0	4.2	4.2	4.1	4.1	112	-15.0	8.4	8.2	8.2	8.1
	-10.0	2.4	2.4	2.4	2.2		-10.0	4.8	4.8	4.7	4.3		-10.0	9.6	9.4	9.3	8.6
	-5.0	2.7	2.7	2.5	2.2		-5.0	5.4	5.3	4.9	4.3		-5.0	10.7	10.6	9.8	8.6
	0.0	3.1	3.0	2.5	2.2		0.0	6.0	5.9	4.9	4.3		0.0	11.9	11.8	9.8	8.6
	2.5	3.2	3.2	2.5	2.2		2.5	6.3	6.2	4.9	4.3		2.5	12.5	12.4	9.8	8.6
	6.0	3.2	3.2	2.5	2.2		6.0	6.4	6.3	4.9	4.3		6.0	12.5	12.5	9.8	8.6
	6.5	3.4	3.2	2.5	2.2		6.5	6.6	6.3	4.9	4.3		6.5	13.2	12.5	9.8	8.6
	10.0	3.6	3.2	2.5	2.2		10.0	7.1	6.3	4.9	4.3		10.0	14.1	12.5	9.8	8.6
	12.5	3.8	3.2	2.5	2.2		12.5	7.5	6.3	4.9	4.3		12.5	15.0	12.5	9.8	8.6
	15.5	3.9	3.2	2.5	2.2		15.5	7.6	6.3	4.9	4.3		15.5	15.1	12.5	9.8	8.6
36	-15.0	2.7	2.6	2.6	2.6	71	-15.0	5.4	5.3	5.2	5.2	140	-15.0	10.7	10.6	10.5	10.4
	-10.0	3.1	3.0	3.0	2.8		-10.0	6.1	6.0	6.0	5.5		-10.0	12.2	12.1	11.9	11.0
	-5.0	3.4	3.4	3.1	2.8		-5.0	6.9	6.8	6.2	5.5		-5.0	13.7	13.6	12.5	11.0
	0.0	3.8	3.8	3.1	2.8		0.0	7.6	7.5	6.2	5.5		0.0	15.3	15.1	12.5	11.0
	2.5	4.0	4.0	3.1	2.8		2.5	8.0	7.9	6.2	5.5		2.5	16.0	15.8	12.5	11.0
	6.0	4.0	4.0	3.1	2.8		6.0	8.1	8.0	6.2	5.5		6.0	16.2	16.0	12.5	11.0
	6.5	4.2	4.0	3.1	2.8		6.5	8.4	8.0	6.2	5.5		6.5	16.8	16.0	12.5	11.0
	10.0	4.5	4.0	3.1	2.8		10.0	9.0	8.0	6.2	5.5		10.0	18.0	16.0	12.5	11.0
	12.5	4.8	4.0	3.1	2.8		12.5	9.6	8.0	6.2	5.5		12.5	19.1	16.0	12.5	11.0
	15.5	4.8	4.0	3.1	2.8		15.5	9.7	8.0	6.2	5.5		15.5	19.4	16.0	12.5	11.0
40	-15.0	3.0	3.0	3.0	3.0	80	-15.0	6.0	5.9	5.9	5.9						
	-10.0	3.5	3.4	3.4	3.1		-10.0	6.9	6.8	6.7	6.2						
	-5.0	3.9	3.8	3.5	3.1		-5.0	7.7	7.6	7.0	6.2						
	0.0	4.3	4.3	3.5	3.1		0.0	8.6	8.5	7.0	6.2						
	2.5	4.5	4.5	3.5	3.1		2.5	9.0	8.9	7.0	6.2						
	6.0	4.6	4.5	3.5	3.1		6.0	9.1	9.0	7.0	6.2						
	6.5	4.8	4.5	3.5	3.1		6.5	9.5	9.0	7.0	6.2						
	10.0	5.1	4.5	3.5	3.1		10.0	10.1	9.0	7.0	6.2						
	12.5	5.4	4.5	3.5	3.1		12.5	10.8	9.0	7.0	6.2						
	15.5	5.5	4.5	3.5	3.1		15.5	10.9	9.0	7.0	6.2						

Table 72. Cooling capacity (Medium ESP duct indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
56	20.0	5.5	3.8	5.5	3.9	5.8	3.7	5.9	3.8	6.0	3.9	6.3	3.7	6.5	3.6
	22.5	5.4	3.8	5.5	3.8	5.8	3.7	5.9	3.7	6.0	3.8	6.2	3.7	6.4	3.6
	25.0	5.4	3.7	5.4	3.8	5.7	3.7	5.8	3.7	5.9	3.8	6.2	3.7	6.4	3.6
	27.5	5.3	3.7	5.4	3.8	5.7	3.7	5.8	3.7	5.8	3.8	6.1	3.7	6.3	3.6
	30.0	5.3	3.7	5.3	3.7	5.6	3.6	5.7	3.7	5.8	3.8	6.0	3.7	6.3	3.5
	32.5	5.2	3.6	5.3	3.7	5.5	3.6	5.7	3.6	5.7	3.7	6.0	3.6	6.2	3.5
	35.0	5.2	3.6	5.2	3.7	5.5	3.6	5.6	3.6	5.7	3.7	5.9	3.6	6.2	3.5
	37.5	5.1	3.6	5.2	3.7	5.4	3.5	5.5	3.6	5.6	3.7	5.9	3.6	6.1	3.5
	40.0	5.0	3.6	5.1	3.6	5.4	3.5	5.5	3.6	5.5	3.7	5.8	3.6	6.0	3.5
	43.0	5.0	3.5	2.1	3.6	5.3	2.8	5.4	3.5	5.9	3.6	5.8	3.5	6.0	3.4
71	20.0	7.0	4.9	7.1	5.0	7.4	4.9	7.5	4.9	7.7	5.0	8.0	4.9	8.2	4.7
	22.5	6.9	4.9	7.0	4.9	7.3	4.8	7.5	4.8	7.6	5.0	7.9	4.8	8.2	4.7
	25.0	6.8	4.8	7.0	4.9	7.2	4.8	7.4	4.8	7.5	4.9	7.8	4.8	8.1	4.7
	27.5	6.7	4.8	6.9	4.9	7.2	4.8	7.3	4.8	7.5	4.9	7.7	4.8	8.0	4.6
	30.0	6.7	4.7	6.8	4.8	7.1	4.7	7.2	4.7	7.4	4.9	7.7	4.7	8.0	4.6
	32.5	6.6	4.7	6.7	4.8	7.0	4.7	7.2	4.7	7.3	4.8	7.6	4.7	7.9	4.6
	35.0	6.5	4.7	6.7	4.8	7.0	4.7	7.1	4.7	7.2	4.8	7.5	4.7	7.8	4.6
	37.5	6.5	4.6	6.6	4.7	6.9	4.6	7.0	4.6	7.2	4.8	7.5	4.7	7.7	4.5
	40.0	6.4	4.6	6.5	4.7	6.8	4.6	7.0	4.6	7.1	4.8	7.4	4.6	7.7	4.5
	43.0	6.3	4.6	6.4	4.6	6.7	4.6	6.9	4.6	7.0	4.7	7.3	4.6	7.6	4.5
80	20.0	7.8	5.5	8.0	5.6	8.3	5.5	8.5	5.5	8.6	5.7	9.0	5.5	9.3	5.3
	22.5	7.8	5.5	7.9	5.5	8.2	5.4	8.4	5.4	8.6	5.6	8.9	5.4	9.2	5.3
	25.0	7.7	5.4	7.8	5.5	8.2	5.4	8.3	5.4	8.5	5.5	8.8	5.4	9.1	5.3
	27.5	7.6	5.4	7.8	5.5	8.1	5.4	8.2	5.4	8.4	5.5	8.7	5.4	9.0	5.2
	30.0	7.5	5.3	7.7	5.4	8.0	5.3	8.2	5.3	8.3	5.4	8.6	5.3	9.0	5.2
	32.5	7.4	5.3	7.6	5.4	7.9	5.3	8.1	5.3	8.2	5.4	8.6	5.3	8.9	5.1
	35.0	7.4	5.3	7.5	5.4	7.8	5.3	8.0	5.3	8.2	5.4	8.5	5.3	8.8	5.1
	37.5	7.3	5.2	7.4	5.3	7.8	5.2	7.9	5.2	8.1	5.4	8.4	5.3	8.7	5.1
	40.0	7.2	5.1	7.4	5.3	7.7	5.1	7.8	5.2	8.0	5.4	8.3	5.2	8.6	5.1
	43.0	7.1	5.1	7.3	5.2	7.6	5.1	7.7	5.1	7.9	5.3	8.2	5.2	8.5	5.0
90	20.0	8.8	6.2	9.0	6.4	9.4	6.2	9.5	6.2	9.7	6.4	10.1	6.2	10.4	6.0
	22.5	8.7	6.2	8.9	6.3	9.3	6.2	9.5	6.2	9.6	6.4	10.0	6.2	10.4	6.0
	25.0	8.6	6.1	8.8	6.3	9.2	6.1	9.4	6.1	9.5	6.3	9.9	6.1	10.3	6.0
	27.5	8.6	6.1	8.7	6.2	9.1	6.1	9.3	6.1	9.5	6.3	9.8	6.1	10.2	5.9
	30.0	8.5	6.1	8.6	6.2	9.0	6.0	9.2	6.1	9.4	6.2	9.7	6.1	10.1	5.9
	32.5	8.4	6.0	8.6	6.1	8.9	6.0	9.1	6.0	9.3	6.2	9.6	6.0	10.0	5.9
	35.0	8.3	6.0	8.5	6.1	8.8	5.9	9.0	6.0	9.2	6.2	9.5	6.0	9.9	5.8
	37.5	8.2	5.9	8.4	6.0	8.7	5.9	8.9	5.9	9.1	6.1	9.5	6.0	9.8	5.8
	40.0	8.1	5.9	8.3	6.0	8.6	5.9	8.8	5.9	9.0	6.1	9.4	5.9	9.7	5.8
	43.0	8.0	5.8	8.2	5.9	8.5	5.8	8.7	5.9	8.9	6.0	9.3	5.9	9.6	5.7
112	20.0	11.0	8.5	11.2	8.7	11.6	8.5	11.9	8.6	12.1	8.9	12.5	8.6	13.0	8.4
	22.5	10.9	8.4	11.1	8.6	11.5	8.4	11.8	8.5	12.0	8.8	12.4	8.6	12.9	8.4
	25.0	10.8	8.3	11.0	8.6	11.4	8.4	11.6	8.5	11.9	8.8	12.3	8.5	12.8	8.3
	27.5	10.6	8.3	10.9	8.5	11.3	8.3	11.5	8.4	11.8	8.7	12.2	8.5	12.7	8.3
	30.0	10.5	8.2	10.8	8.5	11.2	8.3	11.4	8.4	11.6	8.7	12.1	8.5	12.5	8.2
	32.5	10.4	8.2	10.6	8.4	11.1	8.2	11.3	8.3	11.5	8.6	12.0	8.4	12.4	8.2
	35.0	10.3	8.1	10.5	8.4	11.0	8.2	11.2	8.3	11.4	8.6	11.9	8.4	12.3	8.2
	37.5	10.2	8.1	10.4	8.3	10.9	8.1	11.1	8.2	11.3	8.5	11.8	8.3	12.2	8.1
	40.0	10.1	8.0	10.3	8.2	10.8	8.1	11.0	8.2	11.2	8.5	11.6	8.3	12.1	8.1
	43.0	9.9	8.0	10.2	8.2	10.6	8.0	10.8	8.2	11.1	8.4	11.5	8.3	12.0	8.1
140	20.0	13.7	10.4	14.0	10.6	14.6	10.4	14.8	10.5	15.1	10.8	15.7	10.5	16.2	10.2
	22.5	13.6	10.3	13.9	10.5	14.4	10.3	14.7	10.4	15.0	10.7	15.5	10.5	16.1	10.2
	25.0	13.4	10.2	13.7	10.5	14.3	10.2	14.6	10.3	14.8	10.7	15.4	10.4	16.0	10.1
	27.5	13.3	10.2	13.6	10.4	14.1	10.2	14.4	10.3	14.7	10.6	15.3	10.4	15.8	10.1
	30.0	13.2	10.1	13.4	10.3	14.0	10.1	14.3	10.2	14.6	10.6	15.1	10.3	15.7	10.0
	32.5	13.0	10.0	13.3	10.3	13.9	10.1	14.1	10.2	14.4	10.5	15.0	10.3	15.5	10.0
	35.0	12.9	10.0	13.2	10.2	13.7	10.0	14.0	10.1	14.3	10.5	14.8	10.2	15.4	9.9
	37.5	12.7	9.9	13.0	10.1	13.6	9.9	13.9	10.1	14.1	10.4	14.7	10.2	15.3	9.9
	40.0	12.6	9.8	12.9	10.1	13.4	9.9	13.7	10.0	14.0	10.3	14.6	10.1	15.1	9.9
	43.0	12.4	9.7	12.7	10.0	13.3	393.82	13.6	9.9	13.8	10.3	14.4	10.0	15.0	9.8

Table 73. Heating capacity (Medium ESP duct indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)			
		15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0
	°C DB	SH	C SHC	SHC	SHC		°C DB	SH	C SHC	SHC	SHC		°C DB	SH	C SHC	SHC	SHC
22	-15.0	1.7	1.6	1.6	1.6	56	-15.0	4.2	4.2	4.1	4.1	140	-15.0	10.7	10.6	10.5	10.4
	-10.0	1.9	1.9	1.9	1.7		-10.0	4.8	4.8	4.7	4.3		-10.0	12.2	12.1	11.9	11.0
	-5.0	2.1	2.1	1.9	1.7		-5.0	5.4	5.3	4.9	4.3		-5.0	13.7	13.6	12.5	11.0
	0.0	2.4	2.4	1.9	1.7		0.0	6.0	5.9	4.9	4.3		0.0	15.3	15.1	12.5	11.0
	2.5	2.5	2.5	1.9	1.7		2.5	6.3	6.2	4.9	4.3		2.5	16.0	15.8	12.5	11.0
	6.0	2.5	2.5	1.9	1.7		6.0	6.4	6.3	4.9	4.3		6.0	16.2	16.0	12.5	11.0
	6.5	2.6	2.5	1.9	1.7		6.5	6.6	6.3	4.9	4.3		6.5	16.8	16.0	12.5	11.0
	10.0	2.8	2.5	1.9	1.7		10.0	7.1	6.3	4.9	4.3		10.0	18.0	16.0	12.5	11.0
	12.5	3.0	2.5	1.9	1.7		12.5	7.5	6.3	4.9	4.3		12.5	19.1	16.0	12.5	11.0
	15.5	3.0	2.5	1.9	1.7		15.5	7.6	6.3	4.9	4.3		15.5	19.4	16.0	12.5	11.0
28	-15.0	2.1	2.1	2.1	2.1	71	-15.0	5.4	5.3	5.2	5.2						
	-10.0	2.4	2.4	2.4	2.2		-10.0	6.1	6.0	6.0	5.5						
	-5.0	2.7	2.7	2.5	2.2		-5.0	6.9	6.8	6.2	5.5						
	0.0	3.1	3.0	2.5	2.2		0.0	7.6	7.5	6.2	5.5						
	2.5	3.2	3.2	2.5	2.2		2.5	8.0	7.9	6.2	5.5						
	6.0	3.2	3.2	2.5	2.2		6.0	8.1	8.0	6.2	5.5						
	6.5	3.4	3.2	2.5	2.2		6.5	8.4	8.0	6.2	5.5						
	10.0	3.6	3.2	2.5	2.2		10.0	9.0	8.0	6.2	5.5						
	12.5	3.8	3.2	2.5	2.2		12.5	9.6	8.0	6.2	5.5						
	15.5	3.9	3.2	2.5	2.2		15.5	9.7	8.0	6.2	5.5						
36	-15.0	2.7	2.6	2.6	2.6	80	-15.0	6.0	5.9	5.9	5.9						
	-10.0	3.1	3.0	3.0	2.8		-10.0	6.9	6.8	6.7	6.2						
	-5.0	3.4	3.4	3.1	2.8		-5.0	7.7	7.6	7.0	6.2						
	0.0	3.8	3.8	3.1	2.8		0.0	8.6	8.5	7.0	6.2						
	2.5	4.0	4.0	3.1	2.8		2.5	9.0	8.9	7.0	6.2						
	6.0	4.0	4.0	3.1	2.8		6.0	9.1	9.0	7.0	6.2						
	6.5	4.2	4.0	3.1	2.8		6.5	9.5	9.0	7.0	6.2						
	10.0	4.5	4.0	3.1	2.8		10.0	10.1	9.0	7.0	6.2						
	12.5	4.8	4.0	3.1	2.8		12.5	10.8	9.0	7.0	6.2						
	15.5	4.8	4.0	3.1	2.8		15.5	10.9	9.0	7.0	6.2						
40	-15.0	3.0	3.0	3.0	3.0	90	-15.0	6.7	6.6	6.5	6.5						
	-10.0	3.5	3.4	3.4	3.1		-10.0	7.6	7.5	7.4	6.9						
	-5.0	3.9	3.8	3.5	3.1		-5.0	8.6	8.5	7.8	6.9						
	0.0	4.3	4.3	3.5	3.1		0.0	9.5	9.4	7.8	6.9						
	2.5	4.5	4.5	3.5	3.1		2.5	10.0	9.9	7.8	6.9						
	6.0	4.6	4.5	3.5	3.1		6.0	10.1	10.0	7.8	6.9						
	6.5	4.8	4.5	3.5	3.1		6.5	10.5	10.0	7.8	6.9						
	10.0	5.1	4.5	3.5	3.1		10.0	11.2	10.0	7.8	6.9						
	12.5	5.4	4.5	3.5	3.1		12.5	12.0	10.0	7.8	6.9						
	15.5	5.5	4.5	3.5	3.1		15.5	12.1	10.0	7.8	6.9						
45	-15.0	3.3	3.3	3.3	3.3	112	-15.0	8.4	8.2	8.2	8.1						
	-10.0	3.8	3.8	3.7	3.5		-10.0	9.6	9.4	9.3	8.6						
	-5.0	4.3	4.2	3.9	3.5		-5.0	10.7	10.6	9.8	8.6						
	0.0	4.8	4.7	3.9	3.5		0.0	11.9	11.8	9.8	8.6						
	2.5	5.0	5.0	3.9	3.5		2.5	12.5	12.4	9.8	8.6						
	6.0	5.1	5.0	3.9	3.5		6.0	12.5	12.5	9.8	8.6						
	6.5	5.3	5.0	3.9	3.5		6.5	13.2	12.5	9.8	8.6						
	10.0	5.6	5.0	3.9	3.5		10.0	14.1	12.5	9.8	8.6						
	12.5	6.0	5.0	3.9	3.5		12.5	15.0	12.5	9.8	8.6						
	15.5	6.1	5.0	3.9	3.5		15.5	15.1	12.5	9.8	8.6						

Table 74. Cooling capacity (High ESP duct indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
56	20.0	5.5	3.9	5.6	4.0	5.8	3.9	5.9	3.9	6.0	4.0	6.3	3.9	6.5	3.8
	22.5	5.4	3.9	5.5	3.9	5.8	3.9	5.9	3.9	6.0	4.0	6.2	3.9	6.4	3.8
	25.0	5.4	3.8	5.5	3.9	5.7	3.8	5.8	3.8	5.9	4.0	6.2	3.8	6.4	3.7
	27.5	5.3	3.8	5.4	3.9	5.7	3.8	5.8	3.8	5.9	3.9	6.1	3.8	6.3	3.7
	30.0	5.3	3.8	5.4	3.9	5.6	3.8	5.7	3.8	5.8	3.9	6.0	3.8	6.3	3.7
	32.5	5.2	3.8	5.3	3.8	5.5	3.7	5.7	3.8	5.8	3.9	6.0	3.8	6.2	3.7
	35.0	5.2	3.7	5.3	3.8	5.5	3.7	5.6	3.7	5.7	3.9	5.9	3.8	6.2	3.7
	37.5	5.1	3.7	5.2	3.8	5.4	3.7	5.5	3.7	5.7	3.8	5.9	3.7	6.1	3.6
	40.0	5.0	3.7	5.2	3.8	5.4	3.7	5.5	3.7	5.6	3.8	5.8	3.7	6.0	3.6
	43.0	5.0	3.6	5.1	3.7	5.3	3.6	5.4	3.7	5.5	3.8	5.8	3.7	6.0	3.6
71	20.0	7.0	5.1	7.1	5.2	7.4	5.1	7.5	5.1	7.7	5.3	8.0	5.2	8.2	5.0
	22.5	6.9	5.1	7.0	5.2	7.3	5.1	7.5	5.1	7.6	5.3	7.9	5.1	8.2	5.0
	25.0	6.8	5.0	7.0	5.2	7.2	5.0	7.4	5.1	7.5	5.2	7.8	5.1	8.1	5.0
	27.5	6.7	5.0	6.9	5.1	7.2	5.0	7.3	5.1	7.5	5.2	7.7	5.1	8.0	4.9
	30.0	6.7	5.0	6.8	5.1	7.1	5.0	7.2	5.0	7.4	5.2	7.7	5.0	8.0	4.9
	32.5	6.6	4.9	6.7	5.1	7.0	4.9	7.2	5.0	7.3	5.2	7.6	5.0	7.9	4.9
	35.0	6.5	4.9	6.7	5.0	7.0	4.9	7.1	5.0	7.2	5.1	7.5	5.0	7.8	4.9
	37.5	6.5	4.9	6.6	5.0	6.9	4.9	7.0	4.9	7.2	5.1	7.5	5.0	7.7	4.8
	40.0	6.4	4.8	6.5	5.0	6.8	4.9	7.0	4.9	7.1	5.1	7.4	4.9	7.7	4.8
	43.0	6.3	4.8	6.4	4.9	6.7	4.8	6.9	4.9	7.0	5.0	7.3	4.9	7.6	4.8
80	20.0	7.8	5.7	8.0	5.8	8.3	5.7	8.5	5.7	8.6	5.9	9.0	5.8	9.3	5.6
	22.5	7.8	5.7	7.9	5.8	8.2	5.7	8.4	5.7	8.6	5.9	8.9	5.7	9.2	5.6
	25.0	7.7	5.6	7.8	5.8	8.2	5.6	8.3	5.7	8.5	5.8	8.8	5.7	9.1	5.5
	27.5	7.6	5.6	7.8	5.7	8.1	5.6	8.2	5.6	8.4	5.8	8.7	5.7	9.0	5.5
	30.0	7.5	5.6	7.7	5.7	8.0	5.6	8.2	5.6	8.3	5.8	8.6	5.6	9.0	5.5
	32.5	7.4	5.5	7.6	5.6	7.9	5.5	8.1	5.6	8.2	5.7	8.6	5.6	8.9	5.4
	35.0	7.4	5.5	7.5	5.6	7.8	5.5	8.0	5.5	8.2	5.7	8.5	5.6	8.8	5.4
	37.5	7.3	5.4	7.4	5.6	7.8	5.5	7.9	5.5	8.1	5.7	8.4	5.5	8.7	5.4
	40.0	7.2	5.4	7.4	5.5	7.7	5.4	7.8	5.5	8.0	5.6	8.3	5.5	8.6	5.4
	43.0	7.1	5.4	7.3	5.5	7.6	5.4	7.7	5.4	7.9	5.6	8.2	5.5	8.5	5.3
90	20.0	8.8	6.5	9.0	6.6	9.4	6.5	9.5	6.5	9.7	6.7	10.1	6.5	10.4	6.3
	22.5	8.7	6.4	8.9	6.6	9.3	6.4	9.5	6.5	9.6	6.7	10.0	6.5	10.4	6.3
	25.0	8.6	6.4	8.8	6.5	9.2	6.4	9.4	6.4	9.5	6.6	9.9	6.4	10.3	6.3
	27.5	8.6	6.3	8.7	6.5	9.1	6.3	9.3	6.4	9.5	6.6	9.8	6.4	10.2	6.2
	30.0	8.5	6.3	8.6	6.4	9.0	6.3	9.2	6.3	9.4	6.5	9.7	6.4	10.1	6.2
	32.5	8.4	6.2	8.6	6.4	8.9	6.2	9.1	6.3	9.3	6.5	9.6	6.3	10.0	6.2
	35.0	8.3	6.2	8.5	6.3	8.8	6.2	9.0	6.3	9.2	6.5	9.5	6.3	9.9	6.1
	37.5	8.2	6.2	8.4	6.3	8.7	6.2	8.9	6.2	9.1	6.4	9.5	6.3	9.8	6.1
	40.0	8.1	6.1	8.3	6.3	8.6	6.1	8.8	6.2	9.0	6.4	9.4	6.2	9.7	6.1
	43.0	8.0	6.1	8.2	6.2	8.5	6.1	8.7	6.1	8.9	6.3	9.3	6.2	9.6	6.0
112	20.0	11.0	8.7	11.2	8.9	11.6	8.7	11.9	8.8	12.1	9.1	12.5	8.9	13.0	8.7
	22.5	10.9	8.6	11.1	8.9	11.5	8.7	11.8	8.8	12.0	9.1	12.4	8.9	12.9	8.6
	25.0	10.8	8.6	11.0	8.8	11.4	8.6	11.6	8.7	11.9	9.0	12.3	8.8	12.8	8.6
	27.5	10.6	8.5	10.9	8.8	11.3	8.6	11.5	8.7	11.8	9.0	12.2	8.8	12.7	8.6
	30.0	10.5	8.5	10.8	8.7	11.2	8.5	11.4	8.6	11.6	9.0	12.1	8.7	12.5	8.5
	32.5	10.4	8.4	10.6	8.6	11.1	8.5	11.3	8.6	11.5	8.9	12.0	8.7	12.4	8.5
	35.0	10.3	8.4	10.5	8.6	11.0	8.4	11.2	8.6	11.4	8.9	11.9	8.7	12.3	8.5
	37.5	10.2	8.3	10.4	8.5	10.9	8.4	11.1	8.5	11.3	8.8	11.8	8.6	12.2	8.4
	40.0	10.1	8.3	10.3	8.5	10.8	8.3	11.0	8.5	11.2	8.8	11.6	8.6	12.1	8.4
	43.0	9.9	8.2	10.2	8.4	10.6	8.3	10.8	8.4	11.1	8.7	11.5	8.5	12.0	8.3

To be continued

Continued

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
140	20.0	13.7	10.0	14.0	10.2	14.6	10.0	14.8	10.1	15.1	10.4	15.7	10.1	16.2	9.8
	22.5	13.6	10.0	13.9	10.2	14.4	9.9	14.7	10.0	15.0	10.3	15.5	10.0	16.1	9.8
	25.0	13.4	9.9	13.7	10.1	14.3	9.9	14.6	10.0	14.8	10.3	15.4	10.0	16.0	9.7
	27.5	13.3	9.8	13.6	10.0	14.1	9.8	14.4	9.9	14.7	10.2	15.3	9.9	15.8	9.7
	30.0	13.2	9.8	13.4	10.0	14.0	9.8	14.3	9.8	14.6	10.1	15.1	9.9	15.7	9.6
	32.5	13.0	9.7	13.3	9.9	13.9	9.7	14.1	9.8	14.4	10.1	15.0	9.8	15.5	9.6
	35.0	12.9	9.6	13.2	9.8	13.7	9.6	14.0	9.7	14.3	10.0	14.8	9.8	15.4	9.5
	37.5	12.7	9.5	13.0	9.8	13.6	9.6	13.9	9.7	14.1	10.0	14.7	9.7	15.3	9.5
	40.0	12.6	9.5	12.9	9.7	13.4	9.5	13.7	9.6	14.0	9.9	14.6	9.7	15.1	9.4
	43.0	12.4	9.4	12.7	9.6	13.3	9.4	13.6	9.5	13.8	9.8	14.4	9.6	15.0	9.4
226	20.0	21.4	16.9	21.9	16.8	22.9	16.7	23.3	16.6	23.8	16.8	24.6	16.6	25.7	16.6
	22.5	21.3	16.8	21.8	16.7	22.7	16.6	23.2	16.4	23.7	16.7	24.5	16.5	25.6	16.6
	25.0	21.2	16.6	21.8	16.6	22.6	16.5	23.1	16.3	23.6	16.6	24.4	16.5	25.3	16.5
	27.5	21.1	16.5	21.7	16.5	22.5	16.4	22.9	16.2	23.5	16.5	24.3	16.4	25.2	16.4
	30.0	21.0	16.4	21.6	16.3	22.4	16.3	22.9	16.0	23.4	16.4	24.2	16.3	25.1	16.3
	32.5	20.8	16.3	21.4	16.2	22.2	16.1	22.8	15.9	23.2	16.3	24.1	16.2	25.0	16.0
	35.0	20.8	16.1	21.3	16.2	22.1	16.0	22.6	15.9	23.1	16.1	23.9	16.0	24.9	15.9
	37.5	20.7	16.0	21.1	16.2	22.1	15.9	22.5	15.8	23.0	16.1	23.7	15.9	24.9	15.7
	40.0	20.6	15.9	21.0	16.1	21.9	15.8	22.4	15.7	22.8	16.0	23.6	15.8	24.7	15.6
	43.0	20.5	15.8	21.0	16.0	21.8	15.7	22.4	15.6	22.8	16.0	23.5	15.7	24.6	15.5
280	20.0	26.4	20.0	27.5	20.5	27.8	20.2	28.6	20.4	29.1	20.6	30.1	20.1	31.4	20.1
	22.5	26.3	19.9	27.4	20.4	27.8	20.1	28.5	20.3	29.0	20.5	30.0	20.0	31.3	20.0
	25.0	26.3	19.9	27.3	20.3	27.7	20.0	28.4	20.1	28.9	20.5	29.9	19.9	31.2	19.9
	27.5	26.2	19.8	27.2	20.2	27.5	19.9	28.3	20.0	28.8	20.4	29.9	19.9	31.2	19.9
	30.0	26.0	19.8	26.9	20.1	27.5	19.9	28.2	19.9	28.7	20.2	29.8	19.7	31.0	19.8
	32.5	25.9	19.7	26.8	20.1	27.4	19.8	28.2	19.8	28.6	20.1	29.6	19.6	30.9	19.6
	35.0	25.8	19.6	26.4	20.0	27.4	19.7	28.0	19.7	28.6	19.9	29.6	19.6	30.8	19.5
	37.5	25.6	19.5	26.3	20.0	27.3	19.6	27.8	19.6	28.6	19.9	29.5	19.5	30.7	19.5
	40.0	25.5	19.4	26.1	19.9	27.2	19.5	27.8	19.5	28.5	19.8	29.4	19.5	30.5	19.4
	43.0	25.4	19.3	26.1	19.8	27.0	19.4	27.6	19.4	28.4	19.8	29.3	19.3	3.05	19.3

Table 75. Heating capacity (High ESP duct indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)			
		15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0
	°C DB	SH	C SHC	SHC	SHC		°C DB	SH	C SHC	SHC	SHC		°C DB	SH	C SHC	SHC	SHC
22	-15.0	1.7	1.6	1.6	1.6	56	-15.0	4.2	4.2	4.1	4.1	140	-15.0	10.7	10.6	10.5	10.4
	-10.0	1.9	1.9	1.9	1.7		-10.0	4.8	4.8	4.7	4.3		-10.0	12.2	12.1	11.9	11.0
	-5.0	2.1	2.1	1.9	1.7		-5.0	5.4	5.3	4.9	4.3		-5.0	13.7	13.6	12.5	11.0
	0.0	2.4	2.4	1.9	1.7		0.0	6.0	5.9	4.9	4.3		0.0	15.3	15.1	12.5	11.0
	2.5	2.5	2.5	1.9	1.7		2.5	6.3	6.2	4.9	4.3		2.5	16.0	15.8	12.5	11.0
	6.0	2.5	2.5	1.9	1.7		6.0	6.4	6.3	4.9	4.3		6.0	16.2	16.0	12.5	11.0
	6.5	2.6	2.5	1.9	1.7		6.5	6.6	6.3	4.9	4.3		6.5	16.8	16.0	12.5	11.0
	10.0	2.8	2.5	1.9	1.7		10.0	7.1	6.3	4.9	4.3		10.0	18.0	16.0	12.5	11.0
	12.5	3.0	2.5	1.9	1.7		12.5	7.5	6.3	4.9	4.3		12.5	19.1	16.0	12.5	11.0
	15.5	3.0	2.5	1.9	1.7		15.5	7.6	6.3	4.9	4.3		15.5	19.4	16.0	12.5	11.0
28	-15.0	2.1	2.1	2.1	2.1	71	-15.0	5.4	5.3	5.2	5.2						
	-10.0	2.4	2.4	2.4	2.2		-10.0	6.1	6.0	6.0	5.5						
	-5.0	2.7	2.7	2.5	2.2		-5.0	6.9	6.8	6.2	5.5						
	0.0	3.1	3.0	2.5	2.2		0.0	7.6	7.5	6.2	5.5						
	2.5	3.2	3.2	2.5	2.2		2.5	8.0	7.9	6.2	5.5						
	6.0	3.2	3.2	2.5	2.2		6.0	8.1	8.0	6.2	5.5						
	6.5	3.4	3.2	2.5	2.2		6.5	8.4	8.0	6.2	5.5						
	10.0	3.6	3.2	2.5	2.2		10.0	9.0	8.0	6.2	5.5						
	12.5	3.8	3.2	2.5	2.2		12.5	9.6	8.0	6.2	5.5						
	15.5	3.9	3.2	2.5	2.2		15.5	9.7	8.0	6.2	5.5						
36	-15.0	2.7	2.6	2.6	2.6	80	-15.0	6.0	5.9	5.9	5.9						
	-10.0	3.1	3.0	3.0	2.8		-10.0	6.9	6.8	6.7	6.2						
	-5.0	3.4	3.4	3.1	2.8		-5.0	7.7	7.6	7.0	6.2						
	0.0	3.8	3.8	3.1	2.8		0.0	8.6	8.5	7.0	6.2						
	2.5	4.0	4.0	3.1	2.8		2.5	9.0	8.9	7.0	6.2						
	6.0	4.0	4.0	3.1	2.8		6.0	9.1	9.0	7.0	6.2						
	6.5	4.2	4.0	3.1	2.8		6.5	9.5	9.0	7.0	6.2						
	10.0	4.5	4.0	3.1	2.8		10.0	10.1	9.0	7.0	6.2						
	12.5	4.8	4.0	3.1	2.8		12.5	10.8	9.0	7.0	6.2						
	15.5	4.8	4.0	3.1	2.8		15.5	10.9	9.0	7.0	6.2						
40	-15.0	3.0	3.0	3.0	3.0	90	-15.0	6.7	6.6	6.5	6.5						
	-10.0	3.5	3.4	3.4	3.1		-10.0	7.6	7.5	7.4	6.9						
	-5.0	3.9	3.8	3.5	3.1		-5.0	8.6	8.5	7.8	6.9						
	0.0	4.3	4.3	3.5	3.1		0.0	9.5	9.4	7.8	6.9						
	2.5	4.5	4.5	3.5	3.1		2.5	10.0	9.9	7.8	6.9						
	6.0	4.6	4.5	3.5	3.1		6.0	10.1	10.0	7.8	6.9						
	6.5	4.8	4.5	3.5	3.1		6.5	10.5	10.0	7.8	6.9						
	10.0	5.1	4.5	3.5	3.1		10.0	11.2	10.0	7.8	6.9						
	12.5	5.4	4.5	3.5	3.1		12.5	12.0	10.0	7.8	6.9						
	15.5	5.5	4.5	3.5	3.1		15.5	12.1	10.0	7.8	6.9						
45	-15.0	3.3	3.3	3.3	3.3	112	-15.0	8.4	8.2	8.2	8.1						
	-10.0	3.8	3.8	3.7	3.5		-10.0	9.6	9.4	9.3	8.6						
	-5.0	4.3	4.2	3.9	3.5		-5.0	10.7	10.6	9.8	8.6						
	0.0	4.8	4.7	3.9	3.5		0.0	11.9	11.8	9.8	8.6						
	2.5	5.0	5.0	3.9	3.5		2.5	12.5	12.4	9.8	8.6						
	6.0	5.1	5.0	3.9	3.5		6.0	12.5	12.5	9.8	8.6						
	6.5	5.3	5.0	3.9	3.5		6.5	13.2	12.5	9.8	8.6						
	10.0	5.6	5.0	3.9	3.5		10.0	14.1	12.5	9.8	8.6						
	12.5	6.0	5.0	3.9	3.5		12.5	15.0	12.5	9.8	8.6						
	15.5	6.1	5.0	3.9	3.5		15.5	15.1	12.5	9.8	8.6						

Table 76. Cooling capacity (Fresh air indoor)

Capacity (W*100)	Outdoor Temperature	°C WB					
	°C DB	15	17	20	23	26	28
140	20	3.7	4.1	-	-	-	-
	22	3.7	4.1	5.5	-	-	-
	25	3.7	4	5.5	7.6	-	-
	27	-	4	5.4	7.5	-	-
	29	-	-	5.3	7.3	11.7	-
	31	-	-	5.2	7.1	11.5	14.6
	33	-	-	4.9	6.8	11.2	14
	35	-	-	-	5.9	10.8	13.5
	37.5	-	-	-	4.8	10.5	12.8
	40	-	-	-	3.7	10	12
	43	-	-	-	-	9.6	11.1
226	20	7.3	8.7	-	-	-	-
	22	7.3	8.6	11.7	-	-	-
	25	7.3	8.5	11.5	12.6	-	-
	27	-	8.5	11.5	12.5	-	-
	29	-	-	11.2	12.3	19.4	-
	31	-	-	10.9	11.9	18.8	23.2
	33	-	-	10.7	11.8	17.9	22.6
	35	-	-	-	11.5	17.6	21.7
	37.5	-	-	-	11	17.1	20.7
	40	-	-	-	10.3	16.5	19.6
	43	-	-	-	-	15.7	18.4
280	20	8.1	9.9	-	-	-	-
	22	8.1	9.9	-	-	-	-
	25	8.1	9.9	12.5	14.2	-	-
	27	-	9.8	12.4	14.1	-	-
	29	-	-	12.3	13.8	20.3	-
	31	-	-	12.1	13.6	20.1	28.5
	33	-	-	11.8	13.4	19.8	28
	35	-	-	11.5	13.3	19.6	26.9
	37.5	-	-	-	12.9	19.3	25.6
	40	-	-	-	12.4	18.9	24.3
	43	-	-	-	-	18.4	22.8

Table 77. Heating capacity (Fresh air indoor)

Capacity (*100W)	Outdoor Ambient Temp.	°C WB									
	°C DB	-7	-5.2	-2.9	0	2	4	6	10	14	17
		Capacity (kW)									
140	-5	14.5	14.5	-	-						
	0	-	-	13	-	-					
	3	-	-	11.2	11.2	11.2	-	-			
	7	-	-			8.9	8.9	8.9	-	-	
	11	-	-				6.6	6.6	6.6	-	-
	15	-	-					6.4	6.4	6.4	-
	18	-	-						5.9	5.9	5.9
226	-5	25.1	25.1	-	-						
	0	-	-	22.2	-	-					
	3	-	-	19.2	19.2	19.2	-	-			
	7	-	-			15.2	15.2	15.2	-	-	-
	11	-	-				11.2	11.2	11.2	-	-
	15	-	-					10.9	10.9	10.9	-
	18	-	-						10.5	10.5	10.5
280	-5	27.5	27.5	-	-						
	0	-	-	25.4	-	-					
	3	-	-	20.9	20.9	20.9	-	-			
	7	-	-			17.8	17.8	17.8	-	-	-
	11	-	-				12.8	12.8	12.8	-	-
	15	-	-					11.7	11.7	11.7	-
	18	-	-						11.5	11.5	11.5

Table 78. Cooling capacity (Slim-duct indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
18	20	1.8	1.5	1.8	1.6	1.9	1.6	1.9	1.6	2	1.6	2.1	1.6	2.1	1.6
	22.5	1.7	1.5	1.8	1.6	1.9	1.5	1.9	1.6	2	1.6	2	1.6	2.1	1.6
	25	1.7	1.5	1.8	1.6	1.8	1.5	1.9	1.6	1.9	1.6	2	1.6	2.1	1.6
	27.5	1.7	1.5	1.7	1.6	1.8	1.5	1.9	1.6	1.9	1.6	2	1.6	2.1	1.5
	30	1.7	1.5	1.7	1.6	1.8	1.5	1.8	1.6	1.9	1.6	2	1.6	2.1	1.5
	32.5	1.6	1.5	1.7	1.5	1.8	1.5	1.8	1.5	1.9	1.6	2	1.6	2	1.5
	35	1.6	1.5	1.7	1.5	1.8	1.5	1.8	1.5	1.8	1.6	1.9	1.6	2	1.5
	37.5	1.6	1.5	1.6	1.5	1.7	1.5	1.8	1.5	1.8	1.6	1.9	1.6	2	1.5
	40	1.6	1.5	1.6	1.5	1.7	1.5	1.8	1.5	1.8	1.6	1.9	1.5	2	1.5
	43	1.6	1.4	1.6	1.5	1.7	1.5	1.7	1.5	1.8	1.6	1.9	1.5	1.9	1.5
22	20	2.2	1.8	2.2	1.9	2.3	1.9	2.3	1.9	2.4	2	2.5	1.9	2.6	1.9
	22.5	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.9	2.4	1.9	2.4	1.9	2.5	1.9
	25	2.1	1.8	2.2	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.9
	27.5	2.1	1.8	2.1	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	30	2.1	1.8	2.1	1.9	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	32.5	2	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.3	1.9	2.4	1.9	2.4	1.8
	35	2	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	37.5	2	1.8	2	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	40	2	1.8	2	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.8	2.4	1.8
	43	2	1.7	2	1.8	2.1	1.8	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.8
25	20	2.4	2	2.5	2	2.6	2	2.7	2	2.7	2	2.8	2	2.8	2
	22.5	2.4	2	2.5	2	2.6	2	2.6	2	2.7	2	2.8	2	2.8	2
	25	2.4	1.9	2.4	2	2.6	2	2.6	2	2.7	2	2.8	2	2.8	1.9
	27.5	2.4	1.9	2.4	2	2.5	2	2.6	2	2.6	2	2.8	2	2.8	1.9
	30	2.3	1.9	2.4	2	2.5	1.9	2.6	2	2.6	2	2.7	2	2.8	1.9
	32.5	2.3	1.9	2.4	2	2.5	1.9	2.5	1.9	2.6	2	2.7	2	2.8	1.9
	35	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.9	2.6	2	2.7	2	2.8	1.9
	37.5	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.9	2.5	2	2.6	2	2.7	1.9
	40	2.2	1.9	2.3	1.9	2.4	1.9	2.4	1.9	2.5	2	2.6	1.9	2.7	1.9
	43	2.2	1.8	2.2	1.9	2.4	1.9	2.4	1.9	2.5	2	2.6	1.9	2.8	1.9
28	20	2.7	2.2	2.8	2.2	2.9	2.2	3	2.2	3	2.3	3.1	2.2	3.2	2.2
	22.5	2.7	2.2	2.8	2.2	2.9	2.2	2.9	2.2	3	2.3	3.1	2.2	3.2	2.2
	25	2.7	2.1	2.7	2.2	2.9	2.2	2.9	2.2	3	2.3	3.1	2.2	3.2	2.1
	27.5	2.7	2.1	2.7	2.2	2.8	2.2	2.9	2.2	2.9	2.2	3.1	2.2	3.2	2.1
	30	2.6	2.1	2.7	2.2	2.8	2.1	2.9	2.2	2.9	2.2	3	2.2	3.1	2.1
	32.5	2.6	2.1	2.7	2.2	2.8	2.1	2.8	2.1	2.9	2.2	3	2.2	3.1	2.1
	35	2.6	2.1	2.6	2.1	2.7	2.1	2.8	2.1	2.9	2.2	3	2.2	3.1	2.1
	37.5	2.5	2.1	2.6	2.1	2.7	2.1	2.8	2.1	2.8	2.2	2.9	2.2	3.1	2.1
	40	2.5	2.1	2.6	2.1	2.7	2.1	2.7	2.1	2.8	2.2	2.9	2.1	3	2.1
	43	2.5	2	2.5	2.1	2.7	2.1	2.7	2.1	2.8	2.2	2.9	2.1	3	2.1
32	20	3.2	2.4	3.2	2.3	3.3	2.4	3.4	2.4	3.5	2.5	3.6	2.4	3.8	2.4
	22.5	3.2	2.4	3.2	2.2	3.3	2.4	3.4	2.4	3.5	2.5	3.6	2.4	3.7	2.4
	25	3.2	2.4	3.2	2.2	3.3	2.4	3.3	2.4	3.4	2.5	3.6	2.4	3.7	2.3
	27.5	3.1	2.3	3.2	2.2	3.2	2.4	3.3	2.4	3.4	2.5	3.5	2.4	3.7	2.3
	30	3.1	2.3	3.2	2.2	3.2	2.3	3.3	2.4	3.3	2.5	3.5	2.4	3.6	2.3
	32.5	3	2.3	3.1	2.2	3.2	2.3	3.2	2.4	3.3	2.4	3.5	2.4	3.6	2.3
	35	3	2.3	3.1	2.2	3.2	2.3	3.2	2.3	3.3	2.4	3.4	2.4	3.6	2.3
	37.5	3	2.3	3	2.1	3.2	2.3	3.2	2.3	3.2	2.4	3.4	2.4	3.5	2.3
	40	2.9	2.3	3	2.1	3.2	2.3	3.2	2.3	3.2	2.4	3.3	2.3	3.5	2.3
	43	2.9	2.3	3	2.1	3.1	2.3	3.2	2.3	3.2	2.4	3.3	2.3	3.4	2.3

To be continued

Continued

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5°C DB		23°C DB		25°C DB		27°C DB		28°C DB		30°C DB		32°C DB	
		15°C WB		16°C WB		18°C WB		19°C WB		20°C WB		32°C WB		24°C WB	
	°C DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
36	22.5	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.7	3.9	2.8	4	2.7	4.1	2.7
	25	3.5	2.7	3.5	2.7	3.7	2.7	3.7	2.7	3.8	2.8	4	2.7	4.1	2.6
	27.5	3.4	2.6	3.5	2.7	3.6	2.7	3.7	2.7	3.8	2.8	3.9	2.7	4.1	2.6
	30	3.4	2.6	3.5	2.7	3.6	2.6	3.7	2.7	3.7	2.8	3.9	2.7	4	2.6
	32.5	3.3	2.6	3.4	2.7	3.6	2.6	3.6	2.7	3.7	2.7	3.9	2.7	4	2.6
	35	3.3	2.6	3.4	2.7	3.5	2.6	3.6	2.6	3.7	2.7	3.8	2.7	4	2.6
	37.5	3.3	2.6	3.3	2.6	3.5	2.6	3.6	2.6	3.6	2.7	3.8	2.7	3.9	2.6
	40	3.2	2.6	3.3	2.6	3.5	2.6	3.5	2.6	3.6	2.7	3.7	2.6	3.9	2.6
	43	3.2	2.5	3.3	2.6	3.4	2.6	3.5	2.6	3.6	2.7	3.7	2.6	3.8	2.6
40	20	3.9	2.9	4	2.9	4.2	2.9	4.3	2.9	4.3	3	4.5	2.9	4.7	2.8
	22.5	3.9	2.9	4	2.9	4.1	2.9	4.2	2.9	4.3	3	4.5	2.9	4.6	2.8
	25	3.9	2.8	3.9	2.9	4.1	2.8	4.2	2.9	4.3	2.9	4.4	2.9	4.6	2.8
	27.5	3.8	2.8	3.9	2.9	4.1	2.8	4.1	2.8	4.2	2.9	4.4	2.9	4.5	2.8
	30	3.8	2.8	3.9	2.9	4	2.8	4.1	2.8	4.2	2.9	4.3	2.8	4.5	2.8
	32.5	3.7	2.8	3.8	2.8	4	2.8	4.1	2.8	4.1	2.9	4.3	2.8	4.5	2.7
	35	3.7	2.8	3.8	2.8	3.9	2.8	4	2.8	4.1	2.9	4.3	2.8	4.4	2.7
	37.5	3.7	2.7	3.7	2.8	3.9	2.8	4	2.8	4.1	2.9	4.2	2.8	4.4	2.7
	40	3.6	2.7	3.7	2.8	3.9	2.7	3.9	2.8	4	2.8	4.2	2.8	4.3	2.7
	43	3.6	2.7	3.7	2.8	3.8	2.7	3.9	2.7	4	2.8	4.1	2.8	4.3	2.7
45	20	4.4	3.3	4.5	3.4	4.7	3.3	4.8	3.4	4.9	3.5	5	3.4	5.2	3.3
	22.5	4.4	3.3	4.5	3.4	4.6	3.3	4.7	3.3	4.8	3.4	5	3.4	5.2	3.3
	25	4.3	3.3	4.4	3.4	4.6	3.3	4.7	3.3	4.8	3.4	5	3.3	5.1	3.2
	27.5	4.3	3.3	4.4	3.3	4.5	3.3	4.6	3.3	4.7	3.4	4.9	3.3	5.1	3.2
	30	4.2	3.2	4.3	3.3	4.5	3.2	4.6	3.3	4.7	3.4	4.9	3.3	5	3.2
	32.5	4.2	3.2	4.3	3.3	4.5	3.2	4.5	3.3	4.6	3.4	4.8	3.3	5	3.2
	35	4.1	3.2	4.1	3.3	4.4	3.2	4.5	3.2	4.6	3.3	4.8	3.3	5	3.2
	37.5	4.1	3.2	4.2	3.2	4.4	3.2	4.5	3.2	4.5	3.3	4.7	3.3	4.9	3.2
	40	4.1	3.1	4.1	3.2	4.3	3.2	4.4	3.2	4.5	3.3	4.7	3.2	4.9	3.2
	43	4	3.1	4.1	3.2	4.3	3.1	4.4	3.2	4.4	3.3	4.6	3.2	4.8	3.1
50	20	5	3.5	5	3.6	5.2	3.5	5.3	3.5	5.4	3.6	5.7	3.5	5.9	3.4
	22.5	4.9	3.5	5	3.5	5.2	3.5	5.3	3.5	5.4	3.6	5.6	3.5	5.8	3.4
	25	4.9	3.4	5	3.5	5.1	3.4	5.2	3.4	5.3	3.6	5.6	3.4	5.8	3.3
	27.5	4.8	3.4	4.9	3.5	5.1	3.4	5.2	3.4	5.3	3.5	5.5	3.4	5.7	3.3
	30	4.8	3.4	4.9	3.5	5	3.4	5.1	3.4	5.2	3.5	5.4	3.4	5.7	3.3
	32.5	4.7	3.4	4.8	3.4	5	3.3	5.1	3.4	5.2	3.5	5.4	3.4	5.6	3.3
	35	4.7	3.3	4.8	3.4	5	3.3	5	3.3	5.1	3.5	5.3	3.4	5.6	3.3
	37.5	4.6	3.3	4.7	3.4	4.9	3.3	5	3.3	5.1	3.4	5.3	3.3	5.5	3.2
	40	4.5	3.3	4.7	3.4	4.9	3.3	5	3.3	5	3.4	5.2	3.3	5.4	3.2
	43	4.5	3.2	4.6	3.3	4.8	3.2	4.9	3.3	5	3.4	5.2	3.3	5.4	3.2
56	20	5.5	3.9	5.6	4	5.8	3.9	5.9	3.9	6	4	6.3	3.9	6.5	3.8
	22.5	5.4	3.9	5.5	3.9	5.8	3.9	5.9	3.9	6	4	6.2	3.9	6.4	3.8
	25	5.4	3.8	5.5	3.9	5.7	3.8	5.8	3.8	5.9	4	6.2	3.8	6.4	3.7
	27.5	5.3	3.8	5.4	3.9	5.7	3.8	5.8	3.8	5.9	3.9	6.1	3.8	6.3	3.7
	30	5.3	3.8	5.4	3.9	5.6	3.8	5.7	3.8	5.8	3.9	6	3.8	6.3	3.7
	32.5	5.2	3.8	5.3	3.8	5.5	3.7	5.7	3.8	5.8	3.9	6	3.8	6.2	3.7
	35	5.2	3.7	5.3	3.8	5.5	3.7	5.6	3.7	5.7	3.9	5.9	3.8	6.2	3.7
	37.5	5.1	3.7	5.2	3.8	5.4	3.7	5.5	3.7	5.7	3.8	5.9	3.7	6.1	3.6
	40	5	3.7	5.2	3.8	5.4	3.7	5.5	3.7	5.6	3.8	5.8	3.7	6	3.6
	43	5	3.6	5.1	3.7	5.3	3.6	5.4	3.7	5.5	3.8	5.8	3.7	6	3.6

Table 79. Heating capacity (Slim-duct indoor)

CA: total capacity; SHC: sensible heat capacity

Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)				Capacity (W*100)	Outdoor Temp.	Indoor Temp. (°C DB)			
		15.0	20.0	25.0	27.0			15.0	20.0	25.0	27.0
	°C DB	SH	C SHC	SHC	SHC		°C DB	SH	C SHC	SHC	SHC
18	-15	1.6	1.5	1.5	1.5	40	-15	3	3	3	3
	-10	1.7	1.7	1.7	1.6		-10	3.5	3.4	3.4	3.1
	-5	1.9	1.9	1.7	1.6		-5	3.9	3.8	3.5	3.1
	0	2.2	2.2	1.7	1.6		0	4.3	4.3	3.5	3.1
	2.5	2.3	2.3	1.7	1.6		2.5	4.5	4.5	3.5	3.1
	6	2.3	2.3	1.7	1.6		6	4.6	4.5	3.5	3.1
	6.5	2.4	2.3	1.7	1.6		6.5	4.8	4.5	3.5	3.1
	10	2.6	2.3	1.7	1.6		10	5.1	4.5	3.5	3.1
	12.5	2.8	2.3	1.7	1.6		12.5	5.4	4.5	3.5	3.1
	15.5	2.8	2.3	1.7	1.6		15.5	5.5	4.5	3.5	3.1
22	-15	1.7	1.6	1.6	1.6	45	-15	3.3	3.3	3.3	3.3
	-10	1.9	1.9	1.9	1.7		-10	3.8	3.8	3.7	3.5
	-5	2.1	2.1	1.9	1.7		-5	4.3	4.2	3.9	3.5
	0	2.4	2.4	1.9	1.7		0	4.8	4.7	3.9	3.5
	2.5	2.5	2.5	1.9	1.7		2.5	5	5	3.9	3.5
	6	2.5	2.5	1.9	1.7		6	5.1	5	3.9	3.5
	6.5	2.6	2.5	1.9	1.7		6.5	5.3	5	3.9	3.5
	10	2.8	2.5	1.9	1.7		10	5.6	5	3.9	3.5
	12.5	3	2.5	1.9	1.7		12.5	6	5	3.9	3.5
	15.5	3	2.5	1.9	1.7		15.5	6.1	5	3.9	3.5
25	-15	1.8	1.8	1.8	1.8	50	-15	3.3	3.3	3.2	3.2
	-10	2.1	2.1	2.1	1.9		-10	3.8	3.8	3.7	3.4
	-5	2.4	2.4	2.2	1.9		-5	4.3	4.2	3.9	3.4
	0	2.7	2.6	2.2	1.9		0	4.8	4.7	3.9	3.4
	2.5	2.8	2.8	2.2	1.9		2.5	5	4.9	3.9	3.4
	6	2.8	2.8	2.2	1.9		6	5.1	5	3.9	3.4
	6.5	3	2.8	2.2	1.9		6.5	5.2	5	3.9	3.4
	10	3.2	2.8	2.2	1.9		10	5.6	5	3.9	3.4
	12.5	3.3	2.8	2.2	1.9		12.5	5.9	5	3.9	3.4
	15.5	3.4	2.8	2.2	1.9		15.5	6	5	3.9	3.4
28	-15	2.1	2.1	2.1	2.1	56	-15	4.2	4.2	4.1	4.1
	-10	2.4	2.4	2.4	2.2		-10	4.8	4.8	4.7	4.3
	-5	2.7	2.7	2.5	2.2		-5	5.4	5.3	4.9	4.3
	0	3.1	3	2.5	2.2		0	6	5.9	4.9	4.3
	2.5	3.2	3.2	2.5	2.2		2.5	6.3	6.2	4.9	4.3
	6	3.2	3.2	2.5	2.2		6	6.4	6.3	4.9	4.3
	6.5	3.4	3.2	2.5	2.2		6.5	6.6	6.3	4.9	4.3
	10	3.6	3.2	2.5	2.2		10	7.1	6.3	4.9	4.3
	12.5	3.8	3.2	2.5	2.2		12.5	7.5	6.3	4.9	4.3
	15.5	3.9	3.2	2.5	2.2		15.5	7.6	6.3	4.9	4.3
32	-15	2.4	2.3	2.3	2.3	63	-15	4.8	4.7	4.6	4.6
	-10	2.8	2.7	2.7	2.5		-10	5.4	5.3	5.3	4.9
	-5	3.1	3.1	2.8	2.5		-5	6.1	6	5.5	4.9
	0	3.4	3.4	2.8	2.5		0	6.7	6.7	5.5	4.9
	2.5	3.6	3.6	2.8	2.5		2.5	7.1	7	5.5	4.9
	6	3.6	3.6	2.8	2.5		6	7.2	7.1	5.5	4.9
	6.5	3.8	3.6	2.8	2.5		6.5	7.5	7.1	5.5	4.9
	10	4.1	3.6	2.8	2.5		10	8	7.1	5.5	4.9
	12.5	4.3	3.6	2.8	2.5		12.5	8.5	7.1	5.5	4.9
	15.5	4.3	3.6	2.8	2.5		15.5	8.6	7.1	5.5	4.9
36	-15	2.7	2.6	2.6	2.6	71	-15	5.4	5.3	5.2	5.2
	-10	3.1	3	3	2.8		-10	6.1	6	6	5.5
	-5	3.4	3.4	3.1	2.8		-5	6.9	6.8	6.2	5.5
	0	3.8	3.8	3.1	2.8		0	7.6	7.5	6.2	5.5
	2.5	4	4	3.1	2.8		2.5	8	7.9	6.2	5.5
	6	4	4	3.1	2.8		6	8.1	8	6.2	5.5
	6.5	4.2	4	3.1	2.8		6.5	8.4	8	6.2	5.5
	10	4.5	4	3.1	2.8		10	9	8	6.2	5.5
	12.5	4.8	4	3.1	2.8		12.5	9.6	8	6.2	5.5
	15.5	4.8	4	3.1	2.8		15.5	9.7	8	6.2	5.5

5. Selection Example

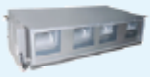
Select suitable Duct Indoor Unit per given working conditions:

Outdoor Dry Bulb Temperature 46°C
Indoor Dry Bulb Temperature 25°C
Wet Bulb Temperature 18°C
Cooling Capacity 1.8kW
Airflow 200CFM = 339m3/h
External Static Pressure (ESP) 20Pa

1 .According to Outdoor Temperature 46°C, High Ambient System is selected.

2. Check High Ambient System General Catalogue define Duct Indoor Unit product family per the following table.

Figure 80. Duct indoor unit product family

Product Family	Capacity kBtu/h	7.5	9.5	12.3	15.3	19.1	24.2	27.3	30.7	38.2	47.7	77.1	95.5
	Capacity kW	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	22.6	28.0
Low Static Pressure Slim Duct 185mm (0/20Pa)			●	●	●	●	●						
Low Static Pressure Duct (0/20Pa)		●	●	●	●	●	●						
Medium Static Pressure Duct (50/96Pa)						●	●	●					
Medium Static Pressure Duct (80/120Pa)									●	●	●		
High Static Pressure Duct (100-196Pa)						●	●	●	●	●	●		
												●	●

3. According to ESP=20Pa, both Low Static Pressure Slim Duct 185mm (0/20Pa) and Low Static Pressure Duct meet the requirement. We select Low Static Pressure Duct series as example.

4. Check the static pressure and airflow chart in High Ambient System Service Manual, under given condition 2.2kW Indoor Unit's capacity is 2.0 kW, large than 1.8kW target capacity. 2.2kW Indoor unit is selected.

Capacity (W*100)	Outdoor Temp.	Indoor Temp.													
		21.5℃ DB 15℃ WB		23℃ DB 16℃ WB		25℃ DB 18℃ WB		27℃ DB 19℃ WB		28℃ DB 20℃ WB		30℃ DB 32℃ WB		32℃ DB 24℃ WB	
	℃ DB	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
22	20.0	2.2	1.8	2.2	1.9	2.3	1.9	2.3	1.9	2.4	2.0	2.5	1.9	2.6	1.9
	22.5	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.9	2.4	1.9	2.4	1.9	2.5	1.9
	25.0	2.1	1.8	2.2	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.9
	27.5	2.1	1.8	2.1	1.9	2.2	1.8	2.3	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	30.0	2.1	1.8	2.1	1.9	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.9	2.5	1.8
	32.5	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.3	1.9	2.4	1.9	2.4	1.8
	35.0	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	37.5	2.0	1.8	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.9	2.4	1.8
	40.0	2.0	1.8	2.0	1.8	2.1	1.8	2.2	1.8	2.2	1.9	2.3	1.8	2.4	1.8
	43.0	2.0	1.7	2.0	1.8	2.1	1.8	2.1	1.8	2.2	1.9	2.3	1.8	2.3	1.8

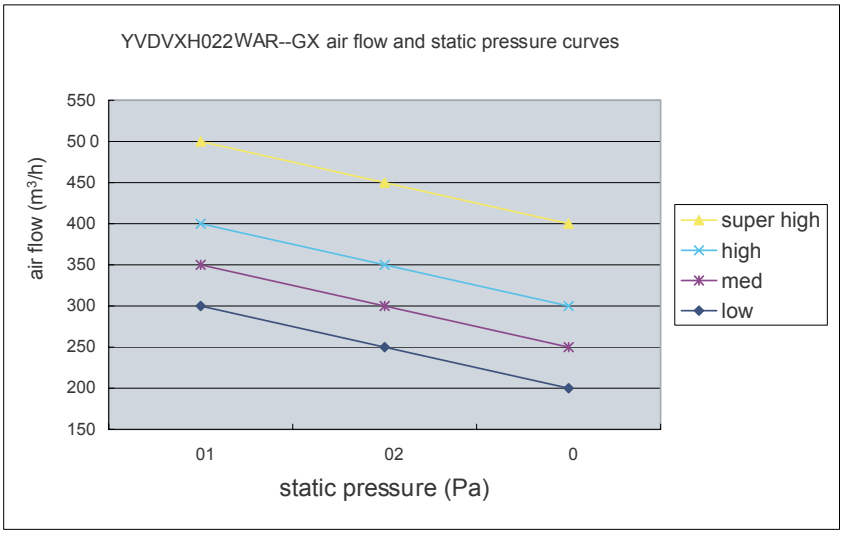
Note: Please refer to Technical manual P175 to see the sheet.

5. Check External Pressure vs. Airflow Running Stage Chart, the rating stage for 2.2kW Indoor unit with 20Pa external pressure is Super High Stage.

Figure 81. External pressure vs. airflow running stage chart

External Pressure	Indoor Unit Air Flow Stage	Remark
20Pa	Super High	Rating Stage
	High	
	Medium	
0Pa	High	Rating Stage
	Medium	
	Low	

6. Check 2.2kW Indoor Unit Airflow and Static Pressure Chart, given airflow 200CFM(339.8 m³/h) is less than Super High rating airflow 400m³/h(235.4CFM). So the model 2.2kW YVDVXH022WAR-GX could meet the request.

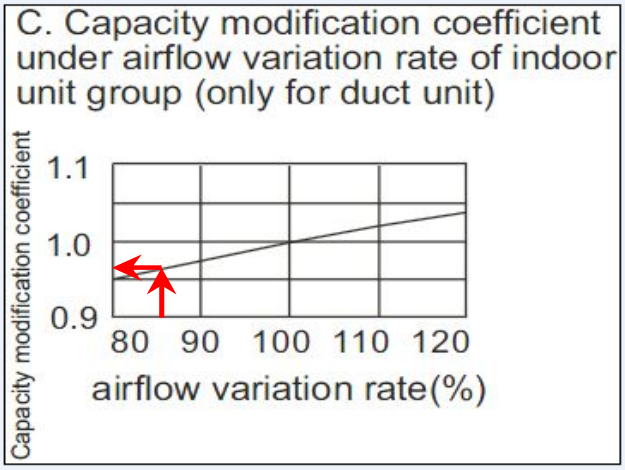


Note: Please refer to P254

7. The airflow is less than the rating air flow. We need calculate the actual cooling capacity by airflow variation rate.

$$Airflow\ Variation\ Rate = \frac{339.8\text{m}^3/\text{h}}{400\text{m}^3/\text{h}} = 84.95\% \approx 85\%$$

8. Check Cooling Capacity Modification Coefficient Table and get Cooling Capacity Modification Coefficient is 0.96.



9. Actual cooling capacity should be calculated with the coefficient factor.
Actual Cooling capacity =Cooling capacity step 4 × Cooling Capacity Modification Coefficient
Actual Cooling capacity = 2.0kW x 0.96 = 1.92 kW. It is greater than 1.8kW and meets the requirement.

Indoor Unit selection Result:
Type: Low Static Pressure Duct
Model: YVDVXH022WAR-GX
Cooling Capacity:1.92kW
Airflow: 200CFM = 339m3/h
External Static Pressure (ESP):20Pa

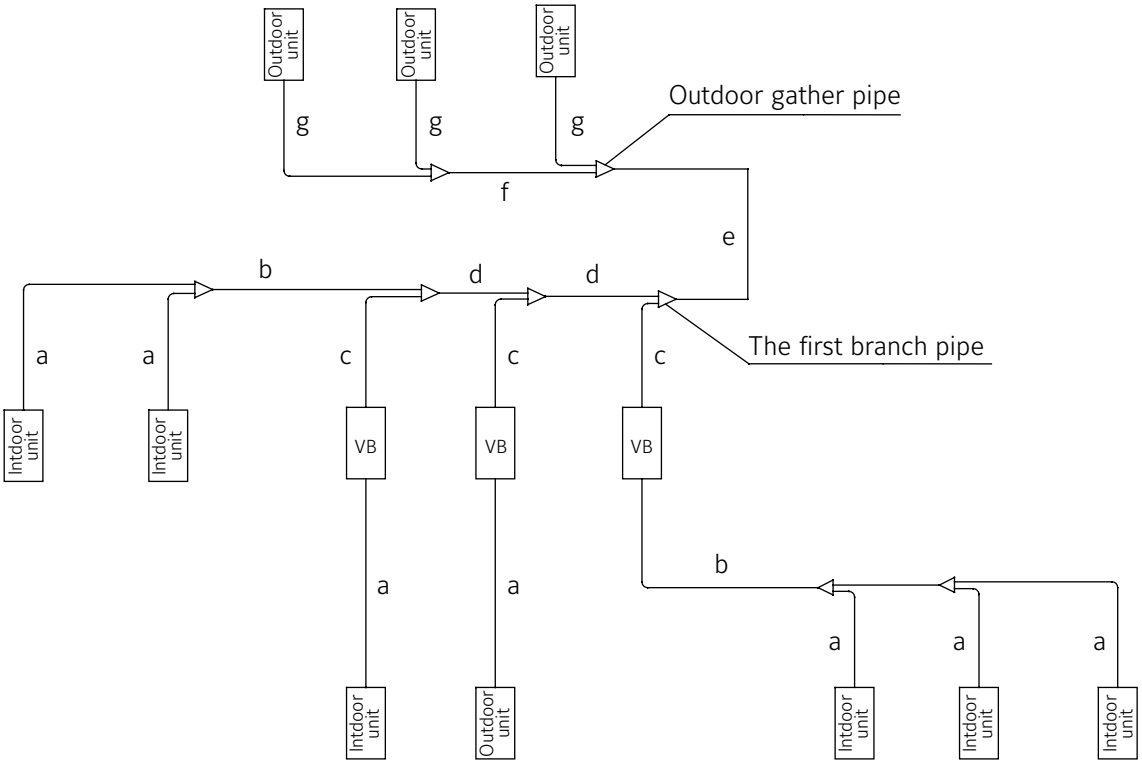
6. Pipe Length

First, clean the pipe.

Table 82. Piping cleaning period

Position	Installation period	Measures
Outdoor	More than 1 month	Flat the pipe end
	Less than 1 month	Flat the pipe end or seal with adhesive tape
Indoor	Nothing to do with period	

6.1. Pipe specification:



6.1.1. Pipe “a”diameter (between indoor and branch pipe) (depends on indoor pipe)

Table 83. Pipe "a" Diameter

Indoor (x100W)	Gas pipe (mm)	Liquid pipe (mm)
22~28	Ø9.52	Ø6.35
36~56	Ø12.7	Ø6.35
71~140	Ø15.88	Ø9.52

Note:
YVHVXH022WAR--FX YVHVXH028WAR--FX gas pipe: ⌀12.7mm
YVHVXH056WAR--FX gas pipe/ liquid pipe: ⌀15.88mm/9.52mm

6.1.2. Pipe "b" diameter (between branch pipes)

Table 84. Pipe "b" Diameter

Total indoor capacity after the branch pipe (kW)	Suction gas pipe (mm)	Liquid pipe (mm)
X<16.8kW	Ø15.88	Ø9.52
16.8kW≤X<22.4kW	Ø19.05	Ø9.52
22.4kW≤X<33.0kW	Ø22.22	Ø9.52
33.0kW≤X<47.0kW	Ø28.58	Ø12.7
47.0kW≤X<71.0kW	Ø28.58	Ø15.88
71.0kW≤X<101.0kW	Ø31.8	Ø19.05
≥101.0kW	Ø38.1	Ø19.05

Note:
Adjust the diameter on field (changing pipe is needed)
When the latter indoor total capacity is less than 14.0kw, pipe b will use the specs as the pipe a.

6.1.3. Pipe "c" diameter (between VB and branch pipe) (depends on VB pipe)

Table 85. Pipe "c" Diameter

VB capacity	Suction gas pipe (mm)	HP gas pipe (mm)	Liquid pipe (mm)
4HP	Ø15.88	Ø12.7	Ø9.52
6HP	Ø15.88	Ø15.88	Ø9.52
8HP	Ø22.22	Ø19.05	Ø9.52

6.1.4. Pipe "d" diameter (between VB branch pipes)

Table 86. Pipe "d" Diameter

Total indoor capacity after the branch pipe (kW)	Suction gas pipe	HP gas pipe	Liquid pipe
X < 16.8kW	Ø15.88	Ø12.7	Ø9.52
16.8kW≤X<22.4kW	Ø19.05	Ø15.88	Ø9.52
22.4kW≤X<33.0kW	Ø22.22	Ø19.05	Ø9.52
33.0kW≤X<47.0kW	Ø28.58	Ø25.4	Ø12.7
47.0kW≤X<71.0kW	Ø28.58	Ø25.4	Ø15.88
71.0kW≤X<101.0kW	Ø31.88	Ø28.58	Ø19.05
≥101.0kW	Ø38.1	Ø34.9	Ø19.05

6.1.5. Pipe "e" diameter (main pipe, between outdoor gather pipe and the first branch pipe)

Table 87. Pipe "e" Diameter

Outdoor capacity (kW)	Main pipe			Enlarged main pipe		
	Suction gas pipe (mm)	HP gas pipe (mm)	Liquid pipe (mm)	Suction gas pipe (mm)	HP gas pipe (mm)	Liquid pipe (mm)
23.9	Ø19.05	Ø19.05	Ø9.52	Ø22.22	Ø19.05	Ø12.7
29.3	Ø22.22	Ø19.05	Ø9.52	Ø25.4	Ø22.22	Ø12.7
35.1	Ø25.4	Ø22.22	Ø12.7	Ø28.58	Ø25.4	Ø12.7
41.7	Ø25.4	Ø22.22	Ø12.7	Ø28.58	Ø25.4	Ø12.7
45.0	Ø28.58	Ø25.4	Ø12.7	Ø31.8	Ø28.58	Ø12.7
53.2	Ø28.58	Ø25.4	Ø15.88	Ø31.8	Ø28.58	Ø15.88
58.6	Ø28.58	Ø25.4	Ø15.88	Ø31.8	Ø28.58	Ø15.88
64.4	Ø28.58	Ø25.4	Ø15.88	Ø31.8	Ø28.58	Ø15.88
71.0	Ø31.8	Ø28.58	Ø15.88	Ø31.8	Ø28.58	Ø15.88
74.3	Ø31.8	Ø28.58	Ø19.05	Ø38.1	Ø34.9	Ø19.05
83.4	Ø31.8	Ø28.58	Ø19.05	Ø38.1	Ø34.9	Ø19.05
86.7	Ø31.8	Ø28.58	Ø19.05	Ø38.1	Ø34.9	Ø19.05
90.0	Ø31.8	Ø28.58	Ø19.05	Ø38.1	Ø34.9	Ø19.05
100.3	Ø31.8	Ø28.58	Ø19.05	Ø38.1	Ø34.9	Ø19.05
103.6	Ø38.1	Ø34.9	Ø19.05	Ø38.1	Ø34.9	Ø22.22
112.7	Ø38.1	Ø34.9	Ø19.05	Ø38.1	Ø34.9	Ø22.22
116.0	Ø38.1	Ø34.9	Ø19.05	Ø38.1	Ø34.9	Ø22.22
119.3	Ø38.1	Ø34.9	Ø19.05	Ø38.1	Ø34.9	Ø22.22
125.1	Ø38.1	Ø34.9	Ø19.05	Ø38.1	Ø34.9	Ø22.22
131.7	Ø38.1	Ø34.9	Ø19.05	Ø38.1	Ø34.9	Ø22.22
135.0	Ø38.1	Ø34.9	Ø19.05	Ø38.1	Ø34.9	Ø22.22

Note:
When the distance from outdoor to the longest indoor is over 90m, the main pipe should be the enlarged diameter.

6.1.6. Pipe "f" diameter (between gather pipes)

Table 88. Pipe "f" Diameter

Total outdoor capacity before gather pipe (kW)	Liquid pipe (mm)	HP gas pipe (mm)	Suction gas pipe (mm)
~68.0	Ø15.88	Ø25.4	Ø28.58
68.0~90	Ø19.05	Ø28.58	Ø31.8

6.1.7. Pipe “g” diameter (between outdoor and the gather pipe)

Table 89. Pipe "g" Diameter

Outdoor capacity	Suction gas pipe (mm)	HP gas pipe (mm)	Liquid pipe (mm)	Oil equalization pipe (mm)
8HP	Ø19.05	Ø19.05	Ø9.52	Ø9.52
10HP	Ø22.22	Ø19.05	Ø9.52	Ø9.52
12/14 HP	Ø25.4	Ø22.22	Ø12.7	Ø9.52
16HP	Ø28.58	Ø25.4	Ø12.7	Ø9.52

Copper pipe selection:

Material	O type pipe: Soft pipe				
Pipe diameter (mm)	Ø6.35	Ø9.52	Ø12.7	Ø15.88	Ø19.05
Thickness(mm)	0.8	0.8	1.0	1.0	1.1

Material	Hard pipe							
Pipe diameter (mm)	Ø19.05	Ø22.22	Ø25.4	Ø28.58	Ø31.8	Ø34.9	Ø38.1	Ø41.3
Thickness(mm)	1.0	1.0	1.0	1.0	1.1	1.3	1.4	1.5

6.2 Long pipe and high drop

6.2.1. Applicable range

Table 90. Long pipe and high drop

Item \ Model		All outdoors
Single way total pipe length		300m (correspond length)
Single way pipe length		Max. 175m (correspond length)
Main pipe beween outdoor to 1st branch		Max. 135m (correspond length)
Pipe length between outdoors		Less than 10m to 1st branch pipe
Height difference between indoor and outdoor	Outdoor is upper	Max. 50m
	Outdoor is lower	Max. 40m
Height difference between outdoors (in the same system)		Within 5m (better be horizontal)
Max. pipe length from 1st branch pipe to indoor		Max. 40m
Height difference between indoors		Max. 15m

When the pipe between the outdoor unit and its furthest indoor unit is longer than 90m, the specification of master pipe (Gas pipe/ Liquid pipe) between outdoor unit and the first Y joint should be upgraded for one level. For more details, please refer to "Outdoor pipe selection table"

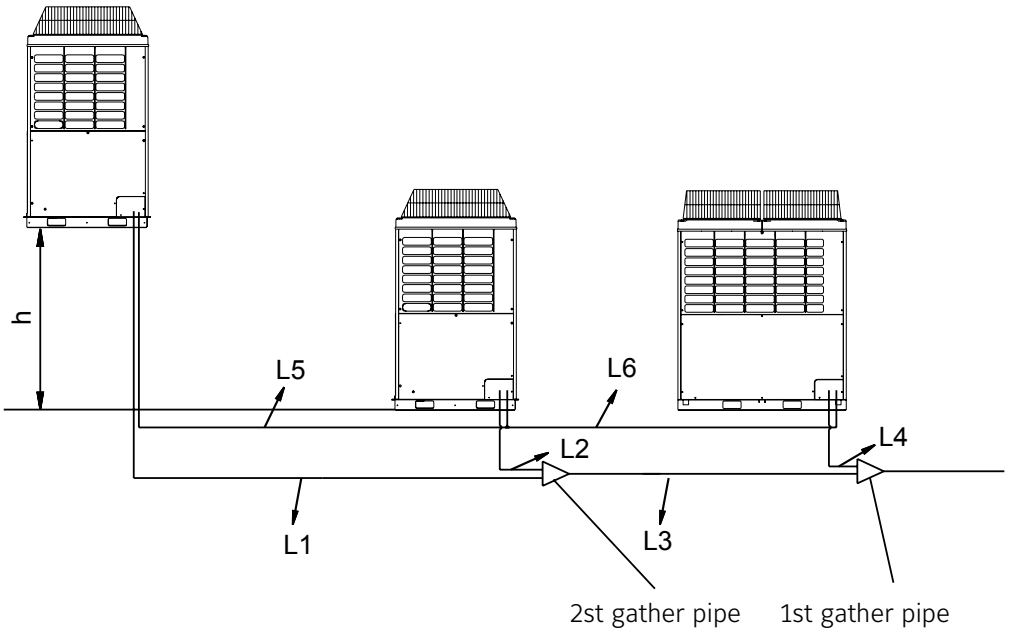
When the pipe between the first Y joint and its furthest indoor unit is longer than 40m,

(1) The specification of the master pipe (Gas pipe/ Liquid pipe) between the first Y joint and its furthest indoor unit should be upgraded for one level.

(2) The distance between the furthest indoor unit and the nearest one ≤ 40m.

6.2.2. Pipe length between outdoors

Figure 91. Piping length between outdoors



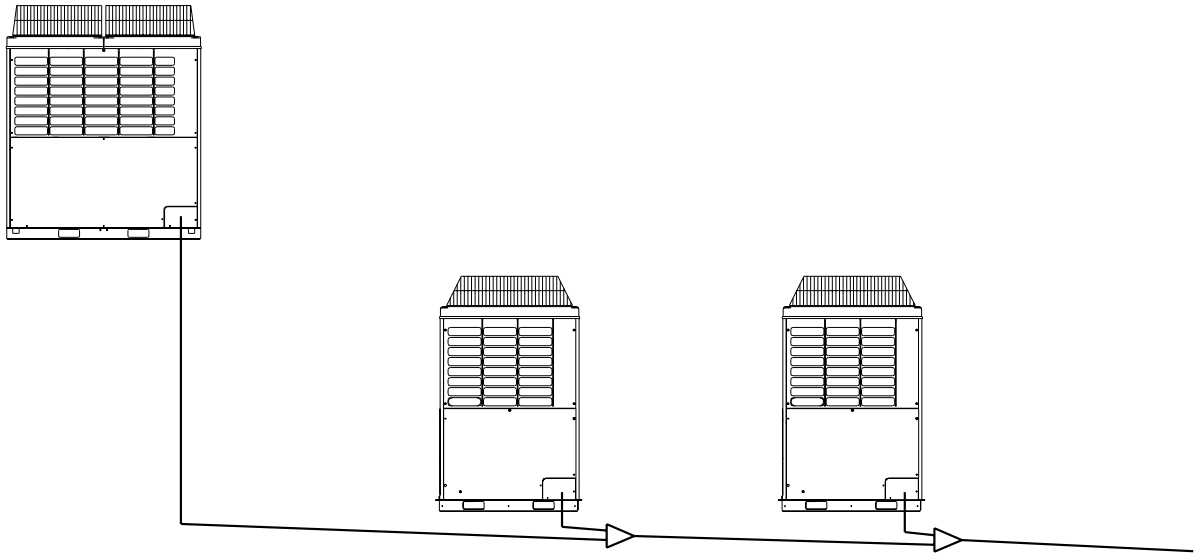
Gas/Liquid pipe: L1+L3<10m, L2+L3<10m
Oil equalization pipe: L5+L6<10m
Height difference between outdoors: h<5m

Note:

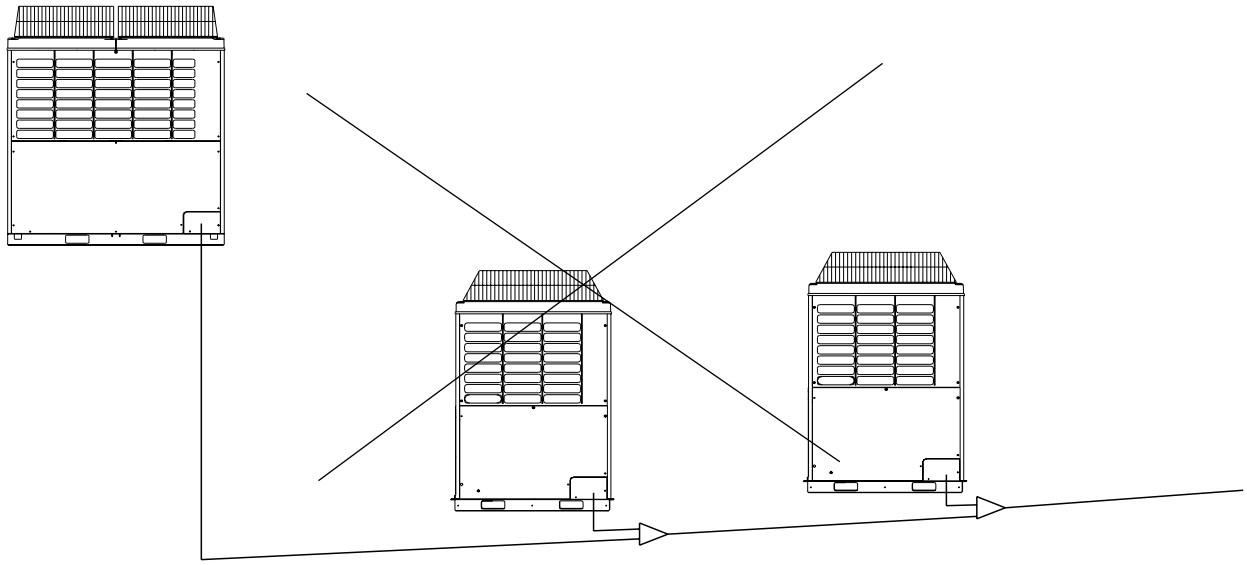
a. HZG-R30A includes HZG-R20A;

b. The connection pipe among outdoors can not be higher than the stop valve position;

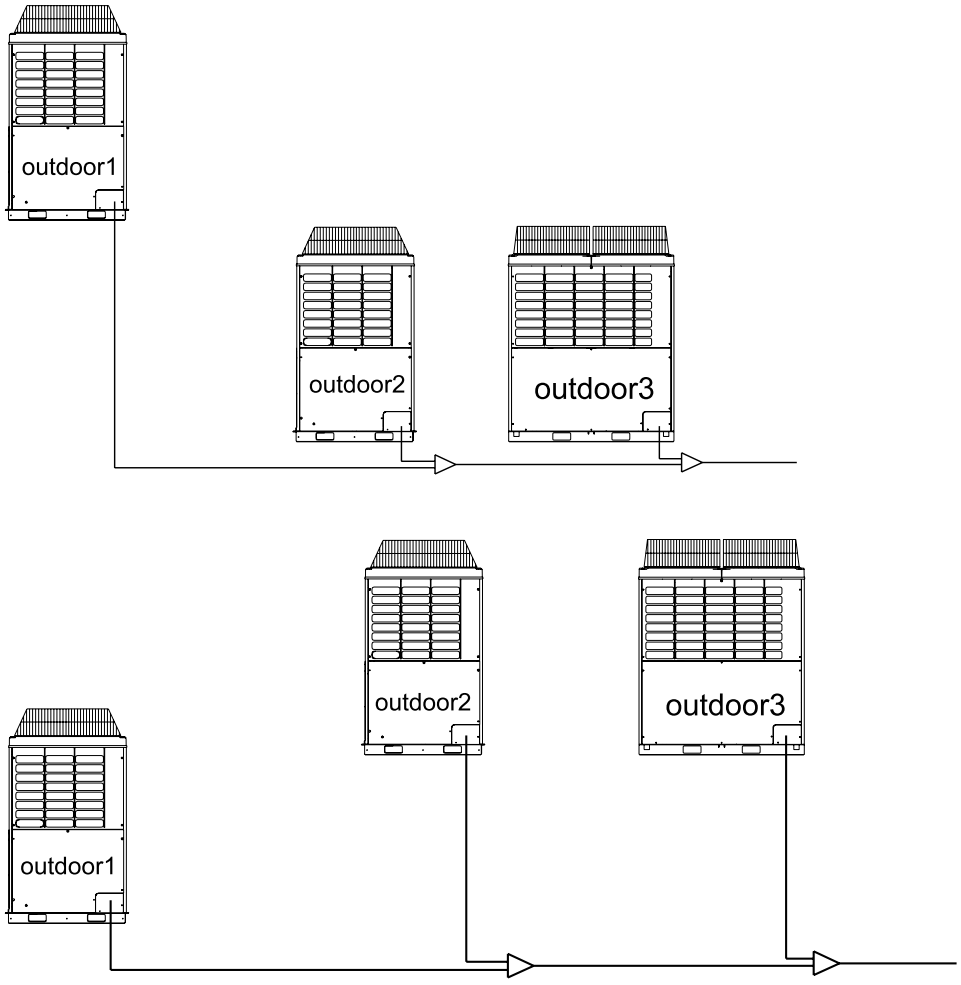
c. The connection pipe among outdoors should be horizontal or be in a certain angle as the below figure (less than 15 degree).



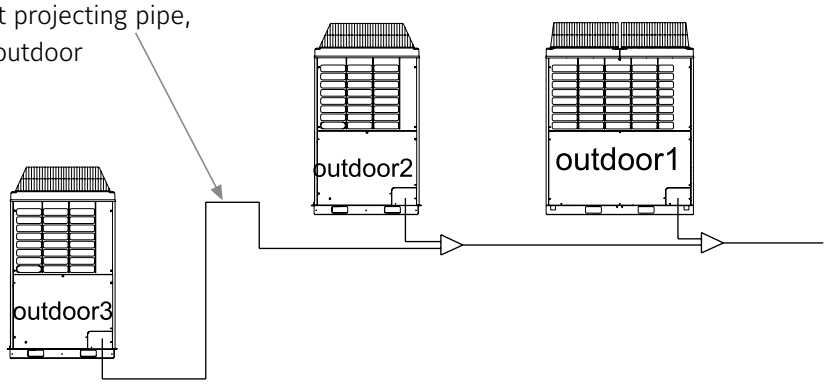
Piping installation with positive slope is not allowed



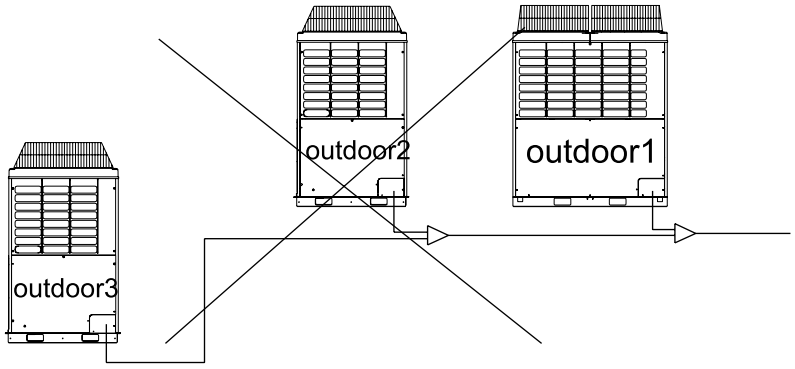
d. For installations with outdoors at different heights, please follow either of the layouts below:



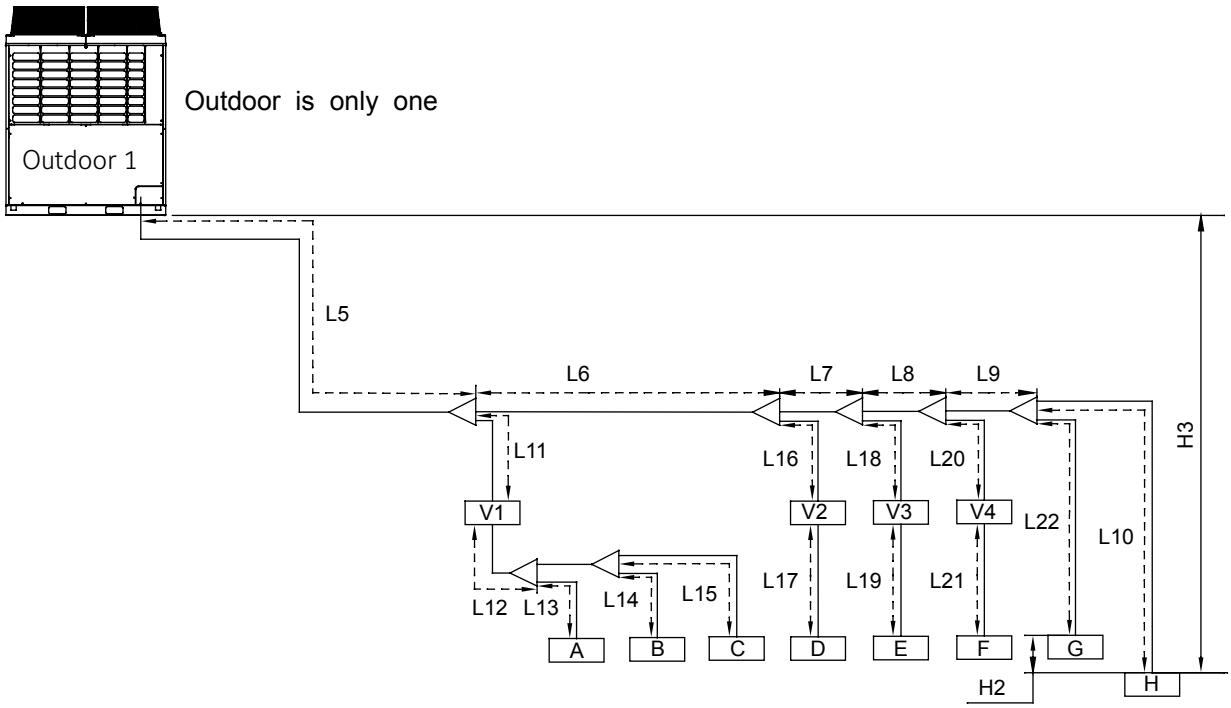
When changing the height of the pipe connecting different outdoors at different heights,please do as the figure shows: Oil trap (upright projecting pipe, 200mm high), for maximum outdoor unit height difference, please refer to Page 200



Installation below is not allowed

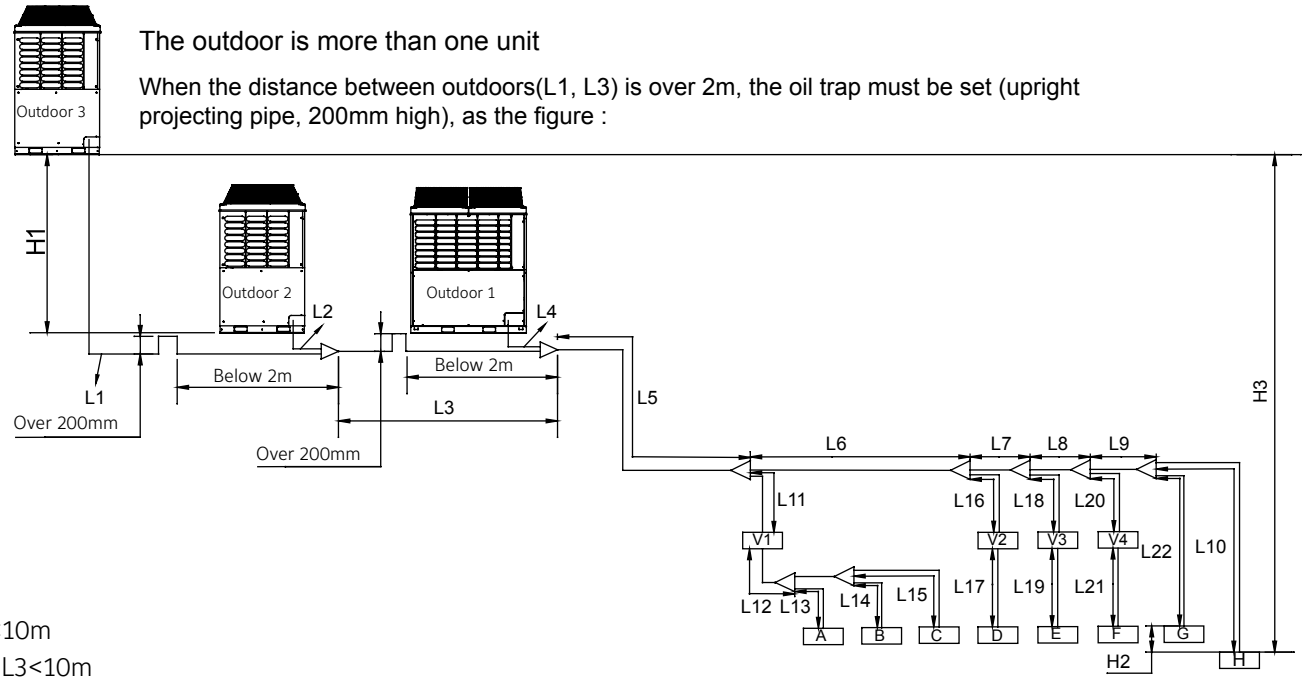


6.2.3. Allowable piping length and drop between indoor and outdoor



The outdoor is more than one unit

When the distance between outdoors(L1, L3) is over 2m, the oil trap must be set (upright projecting pipe, 200mm high), as the figure :



L3<10m
L1+L3<10m
L2+L3<10m

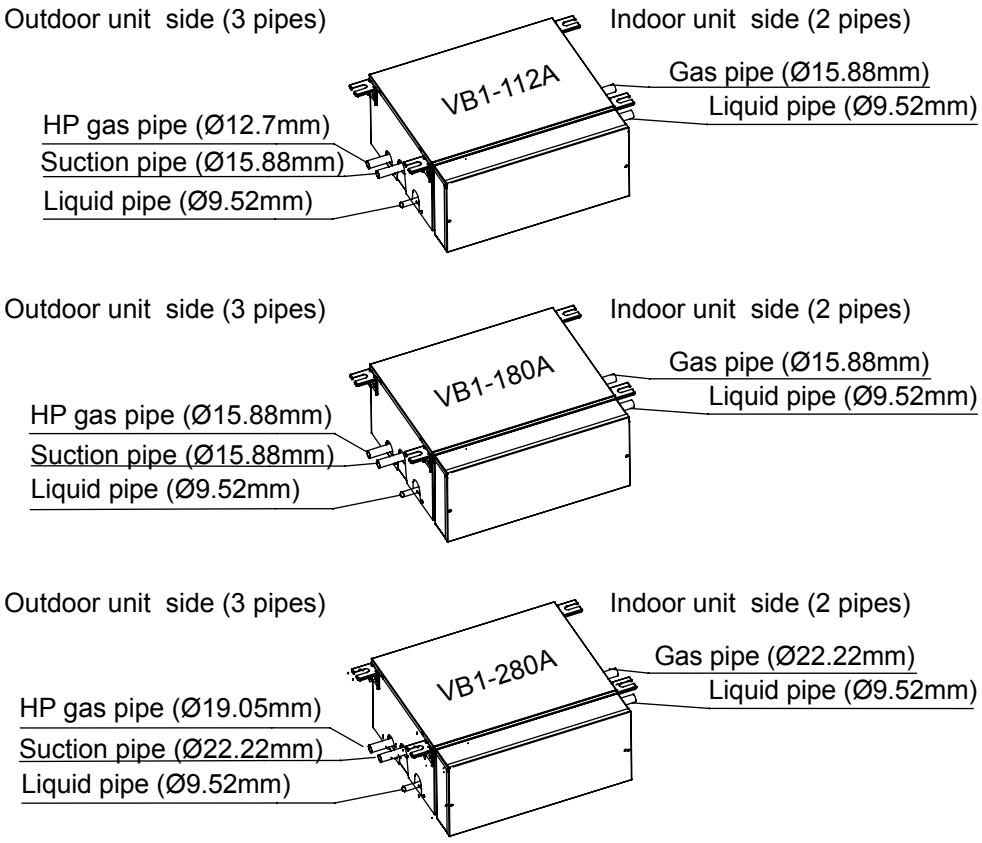
Note:
V1---V4: VB unit
A---F: indoors (cool/heat selection possible)
G---H: indoors (cooling only)

Table 92. Long pipe and high drop

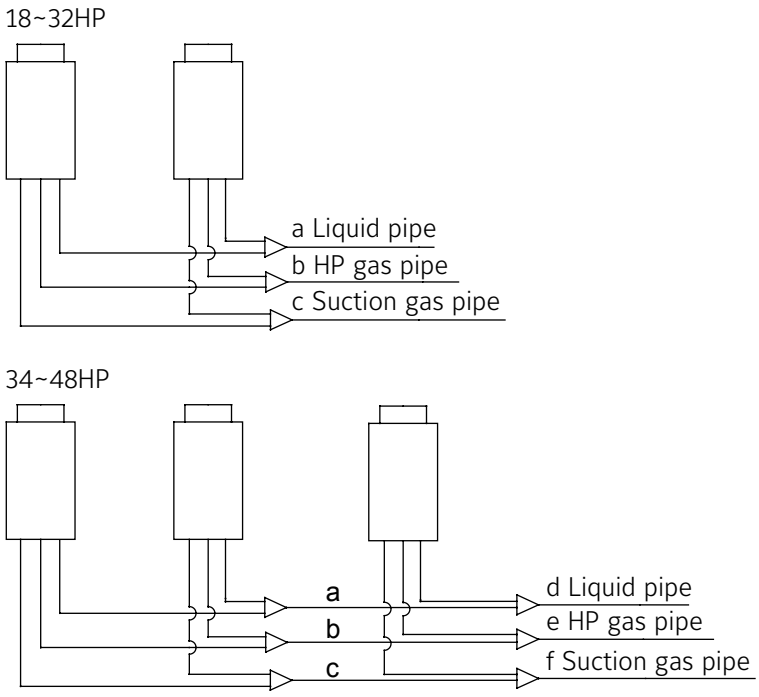
	Max. length	Pipe in above figure
Single way total pipe length	300 (correspond length)	L1+L2+L3.....+L22
Single way max. pipe length	175 (correspond length)	L1+L4+ L5+L6+L7+L8+L9+L10
Max.pipe length after 1st branch pipe	40	L6+L7+L8+L9+L10
Main pipe actual length	135 (correspond length)	L1+L3+L5
Height difference between indoors	15	H2
Height difference between outdoors	5	H1
Height difference between outdoors and indoors	50 40	H3 when outdoor is upper H3 when outdoor is lower
Max.pipe length between indoors and the nearest branch pipe	30	---

When outdoor is only one, Single way max. pipe length = L5+L6+L7+L8+L9+L10≤175m
Single way total pipe length = L5+L6.....+L22

6.2.4. Example of connection (connection of 8 indoor units)



6.3 Outdoor pipe dimension



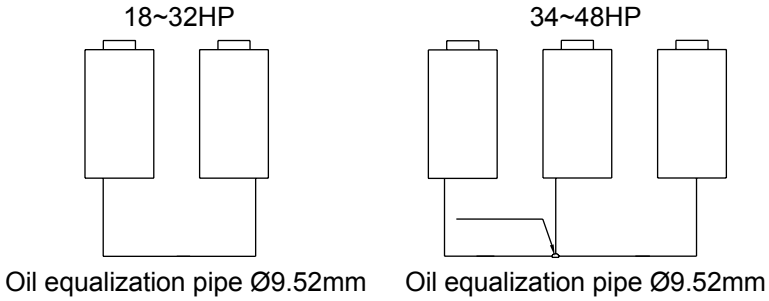
The pipe "a, b, c, d" should be confirmed as to the below table.

Table 93. Outdoor unit pipe diamension

Total outdoor capacity before the gather pipe (kW)	Suction gas pipe (c,f) (mm)	Gas pipe (b,e) (mm)	Liquid pipe (a,d) (mm)
~62	Ø28.58	Ø25.4	Ø12.7
62~96	Ø31.8	Ø28.58	Ø15.88
96~101	Ø38.1	Ø34.9	Ø15.88
over 101	Ø38.1	Ø34.9	Ø19.05

Note: When the single pipe length is over 90m, the above pipe should be enlarged as the former information.

6.4. Oil equalization pipe connection



Unit pipe spec and connection method (unit: mm)

Table 94. Outdoor unit suction/liqiud pipe diameter

A. Outdoor unit

Model	Suction gas pipe side		Liquid pipe side	
	Diameter (mm)	Connecting method	Diameter (mm)	Connecting method
YV2VYT024KAS-D-X	Ø19.05	Braze	Ø9.52	Flared
YV2VYT029KAS-D-X	Ø22.22		Ø9.52	
YV2VYT035KAS-D-X	Ø25.4		Ø12.7	
YV2VYT042KAS-D-X	Ø25.4		Ø12.7	
YV2VYT045KAS-D-X	Ø28.58		Ø12.7	

Table 95. Outdoor unit HP gas pipe/oil pipe diameter

Model	HP gas pipe side		Oil pipe side	
	Diameter (mm)	Connecting method	Diameter (mm)	Connecting method
YV2VYT024KAS-D-X	Ø19.05	Flared	Ø9.52	Flared
YV2VYT029KAS-D-X	Ø19.05		Ø9.52	
YV2VYT035KAS-D-X	Ø22.22	Braze	Ø9.52	
YV2VYT042KAS-D-X	Ø22.22		Ø9.52	
YV2VYT045KAS-D-X	Ø25.4		Ø9.52	

B. Indoor unit

Table 96. Indoor unit pipe diameter

Model Capacity	Gas pipe side		Liquid pipe side	
	Diameter (mm)	Connecting method	Diameter (mm)	Connecting method
07	Ø9.52	Flared	Ø6.35	Flared
09	Ø9.52		Ø6.35	
12	Ø12.7		Ø6.35	
16	Ø12.7		Ø6.35	
18	Ø12.7		Ø6.35	
24	Ø15.88		Ø9.52	
28	Ø15.88		Ø9.52	
30	Ø15.88		Ø9.52	
38	Ø15.88		Ø9.52	
48	Ø15.88		Ø9.52	

YVHVXH022WAR--FX, YVHVXH028WAR--FX gas pipe: Ø12.7mm
YVHVXH056WAR--FX gas pipe/ liquid pipe: Ø15.88mm/9.52mm

C. Pipe spec and the torque

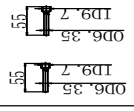
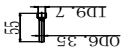
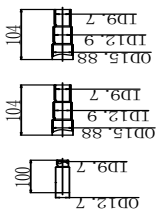
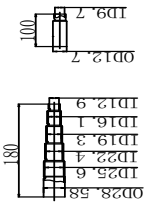
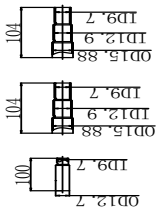
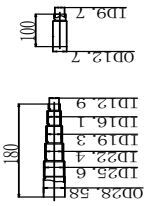
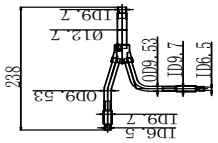
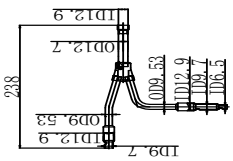
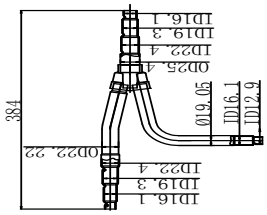
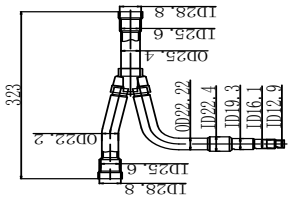
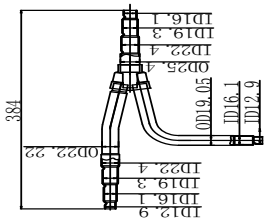
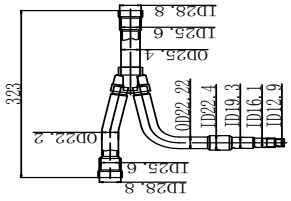
Table 97. Torque for pipe connection

Diameter (mm)	Torque(N·m)
Ø6.35	16~20
Ø9.52	40~50
Ø12.7	40~50
Ø15.88	90~120
Ø19.05	100~140
Not less than Ø22.22	No requirement, due to braze connector

6.5. Outdoor branch pipe

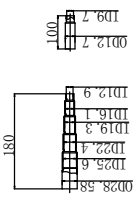
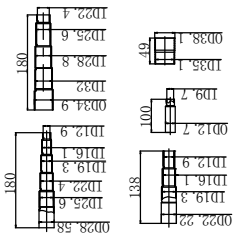
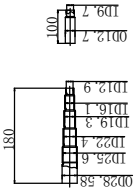
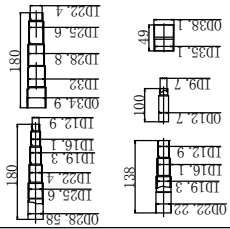
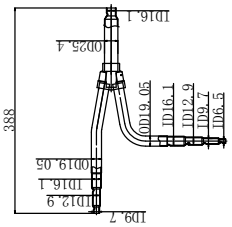
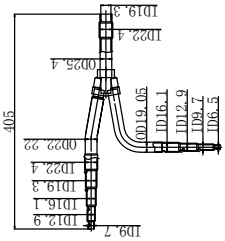
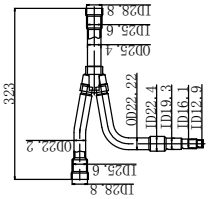
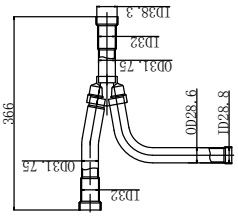
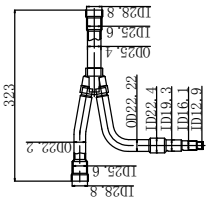
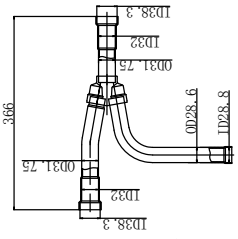
Figure 98. Branch pipe dimensions

Unit:mm ID: inner diameter OD: outer diamenter

	FQG-R335A	FQG-R506A
Liquid manifold pipe		
HP gas manifold pipe		
Suction gas manifold pipe		
Liquid branch pipe		
HP gas branch pipe		
Suction gas branch pipe		

To be continued

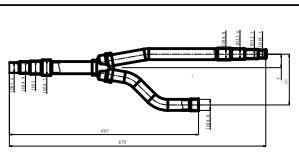
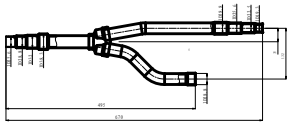
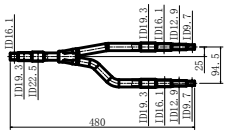
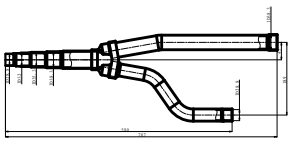
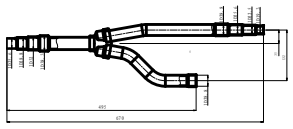
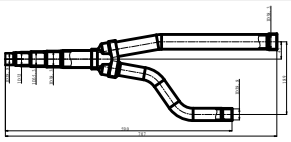
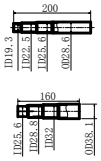
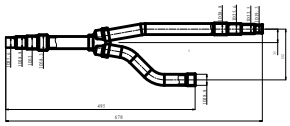
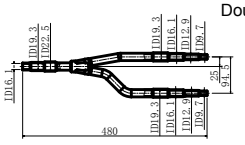
Continued

Liquid manifold pipe		
HP gas manifold pipe		
Suction gas manifold pipe		
Liquid branch pipe		
HP gas branch pipe		
Suction gas branch pipe		
	FQG-R730A	FQG-R1350A

Pipe Length

Outdoor branch pipe is used for combination of outdoor unit
HZG-R20A (for 2 basic modules); HZG-R30A (for 3 basic modules)

Unit:mm, ID: inner diameter; OD: outer diameter

Model	Side	Mark	Manifold pipe	Insulation material	Side	Mark	Connection of manifold pipe
HZG-R20A	Suction gas side	Ⓐ			Suction gas side	①	
	HP gas side	Ⓑ			HP gas side	②	
	Liquid side	Ⓒ					
HZG-R30A	Suction gas side	Ⓓ			Suction gas side	③	
		Ⓔ				④	
	HP gas side	Ⓕ			HP gas side	⑤	
		Ⓖ				⑥	
	Liquid side	Ⓗ	 Double		Liquid side	⑦	Double

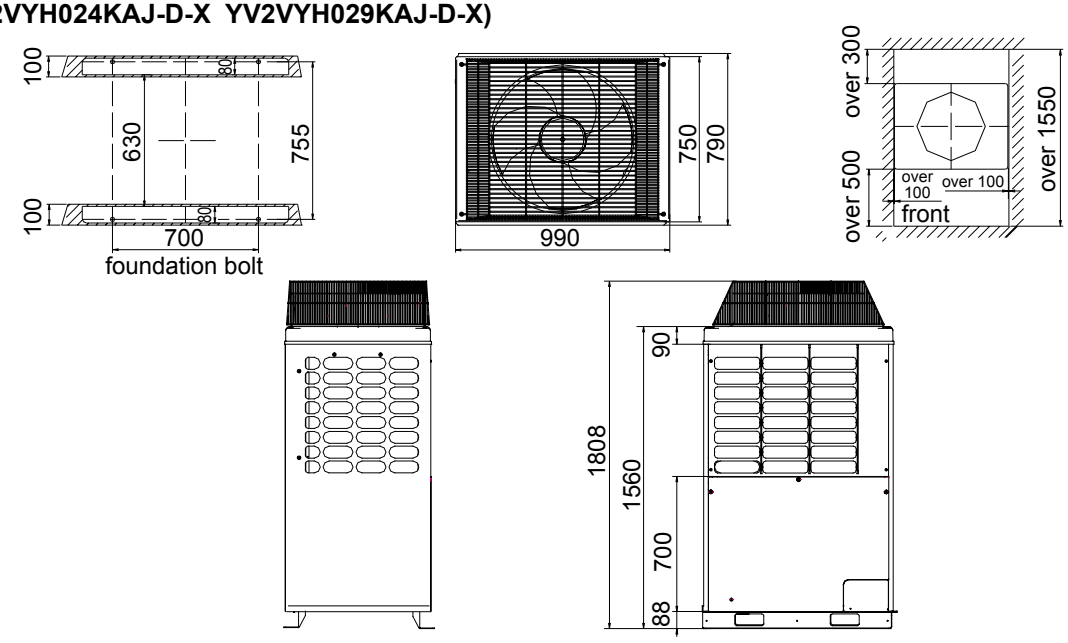
Johnson Controls

7. Dimension

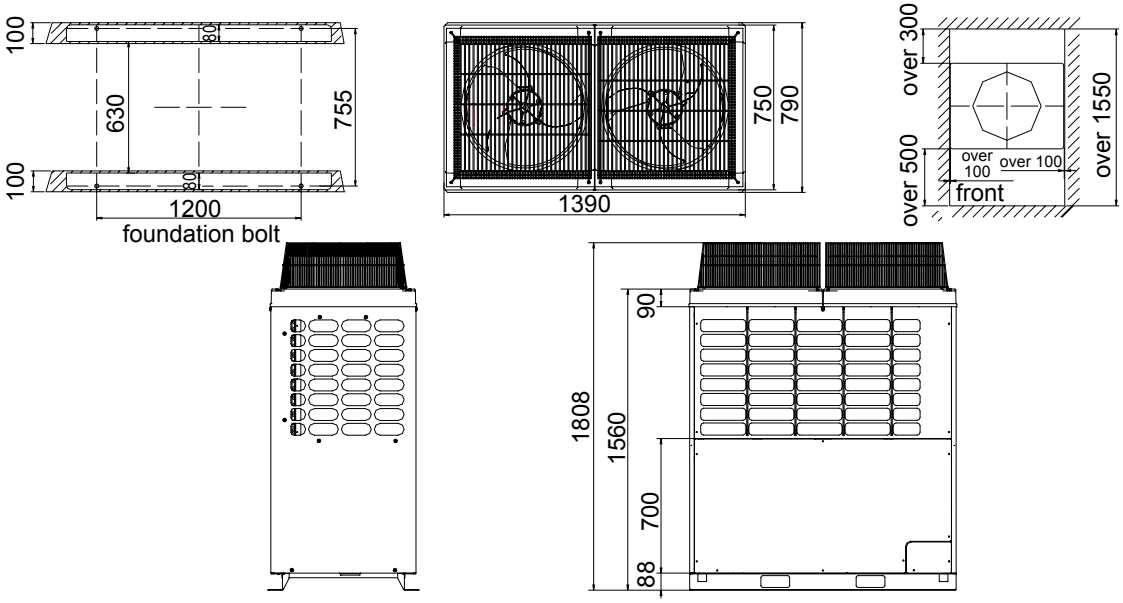
7.1. Single unit

Figure 99. Single unit dimension

1. 8~10HP exterior and installation dimensions
(YV2VYH024KAJ-D-X YV2VYH029KAJ-D-X)



2. 12~16HP exterior and installation dimensions
(YV2VYH035KAJ-D-X YV2VYH042KAJ-D-X YV2VYH045KAJ-D-X)



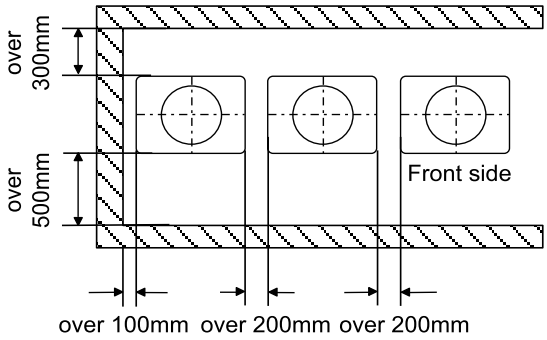
Note:
The distance between two outdoor units in the same line and the distance from unit to the wall can be increased for easy maintenance and better heart exchange if there is enough space.

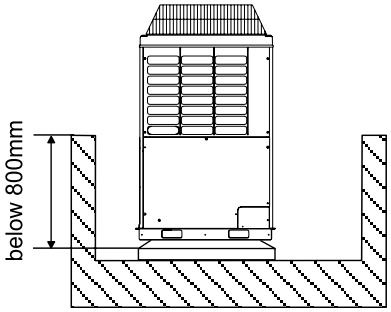
7.2. Combination Unit

Figure100. Installation space(Combination installation dimensions)

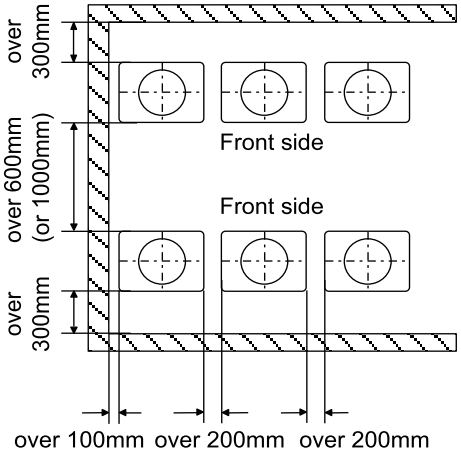
(1) When wall is lower than the outdoor condenser

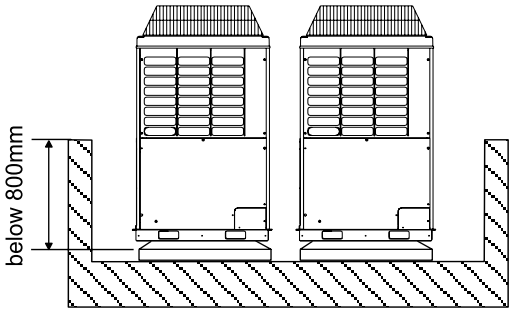
A. Sites for one-row layout



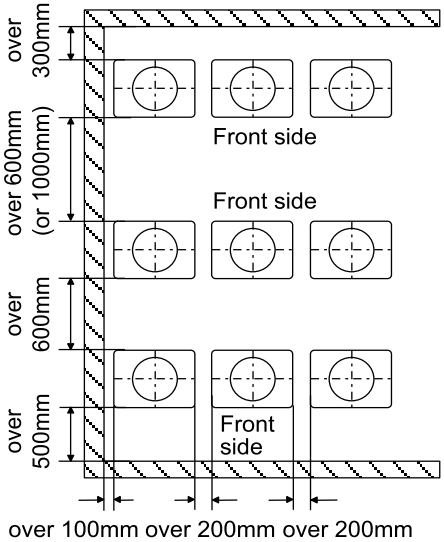


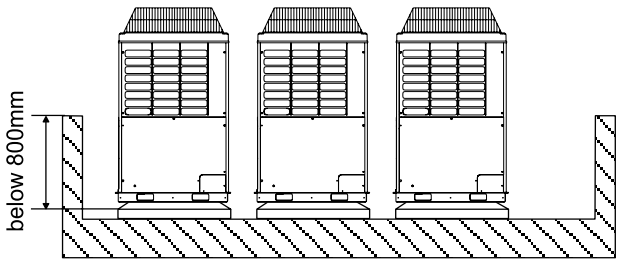
B. Sites for two-row layout





C. Sites for three-row layout





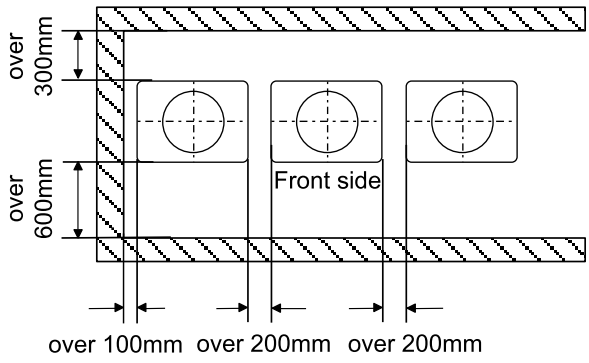
(2) Wall higher than the outdoor condenser

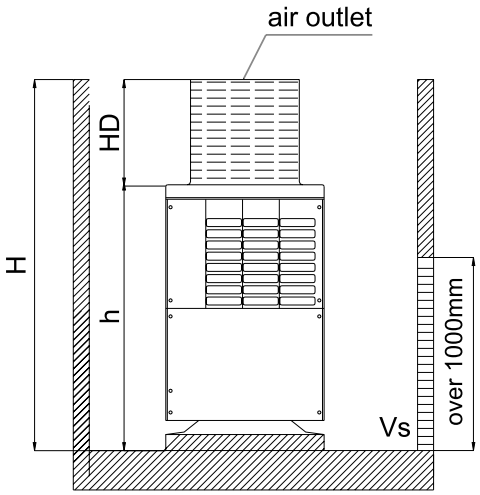
A. Place with air inlet hole

Notes:

a. Fan speed Vs at air inlet is 1.5m/s or below.

b. Air outlet height HD=H-h and below 1m.



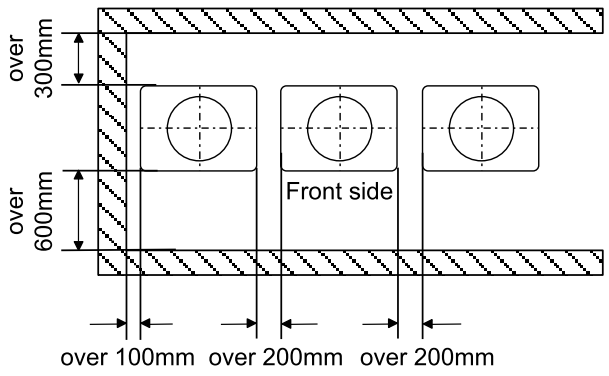


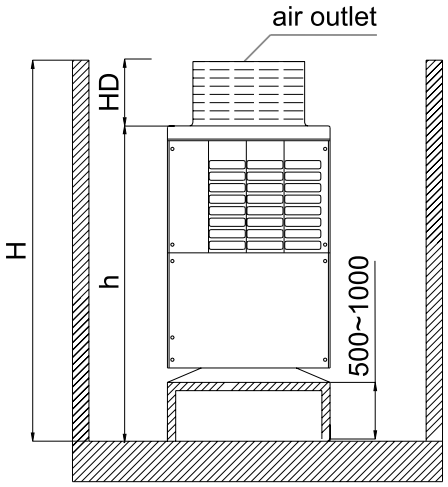
B. Place without air inlet hole

Notes:

a. Set a 500~1000mm bracket.

b. Air outlet height HD=H-h and below 1m.



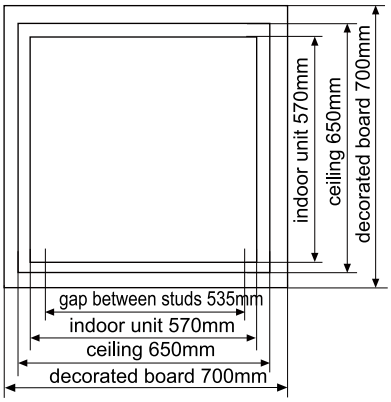


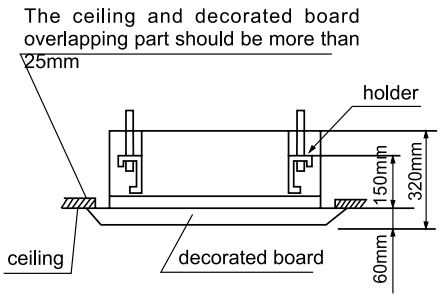
Dimersion

7.3. Indoor Unit

Figure 101. Dimension (4-way cassette type)

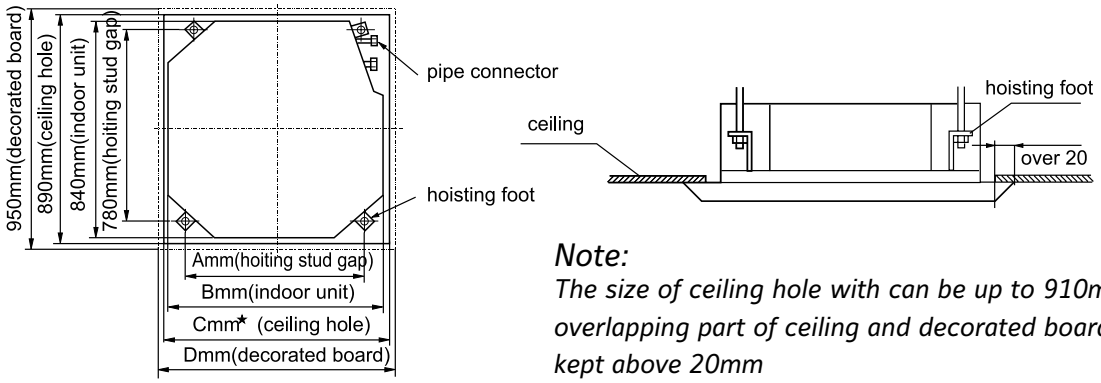
YVKVXH028~045WAR–GX





Model	A	B	C	D
YVKVXH056~080WAR--GX	680	840	890	950

YVKVXH056~080WAR--GX



Note:

The size of ceiling hole with can be up to 910mm,but the overlapping part of ceiling and decorated board should be kept above 20mm

YVKVXH090~140WAR--GX

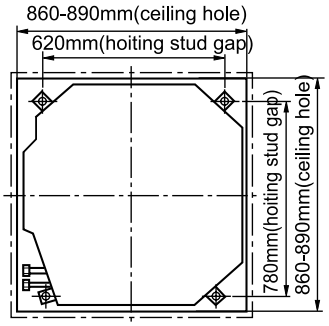
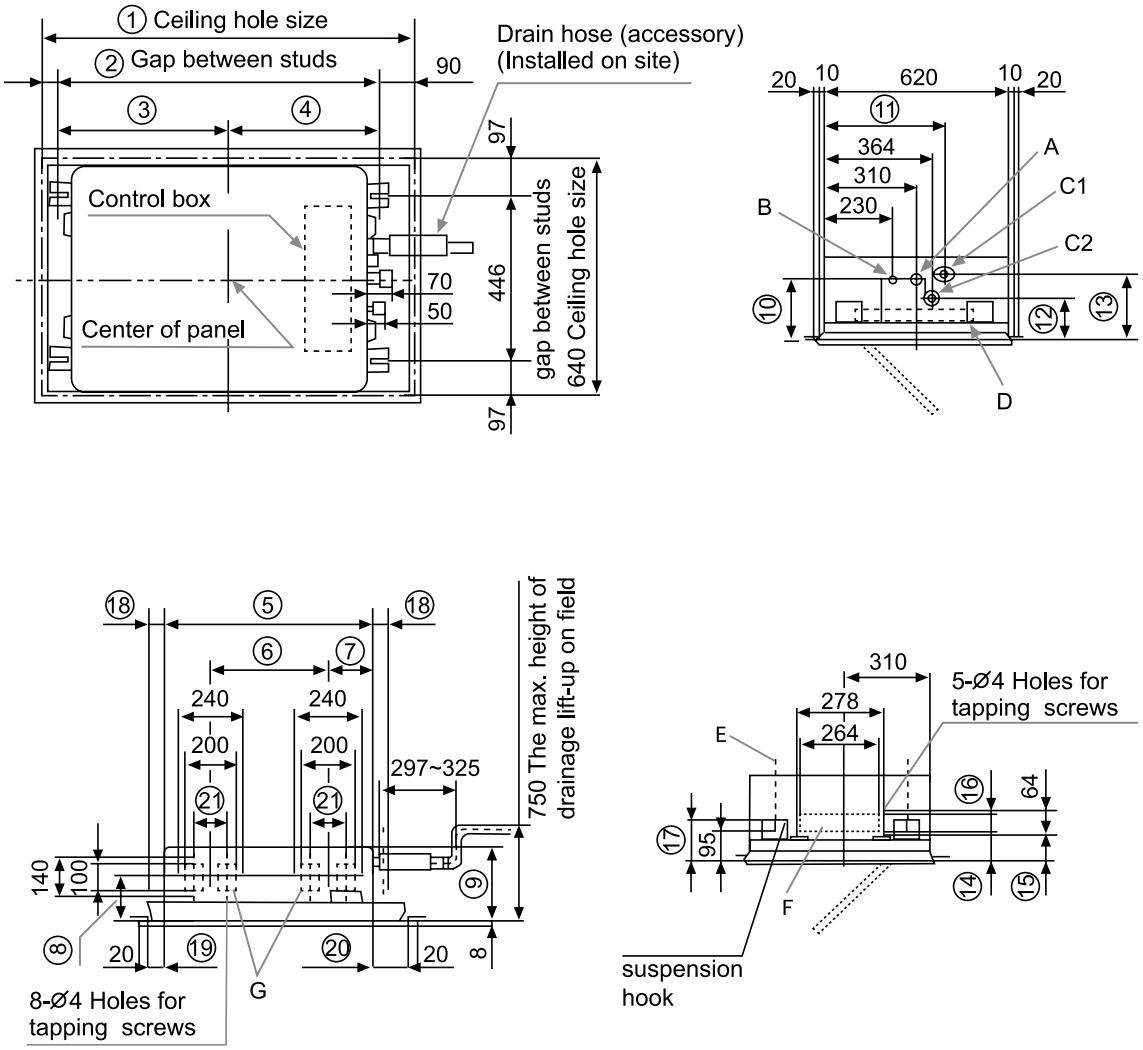


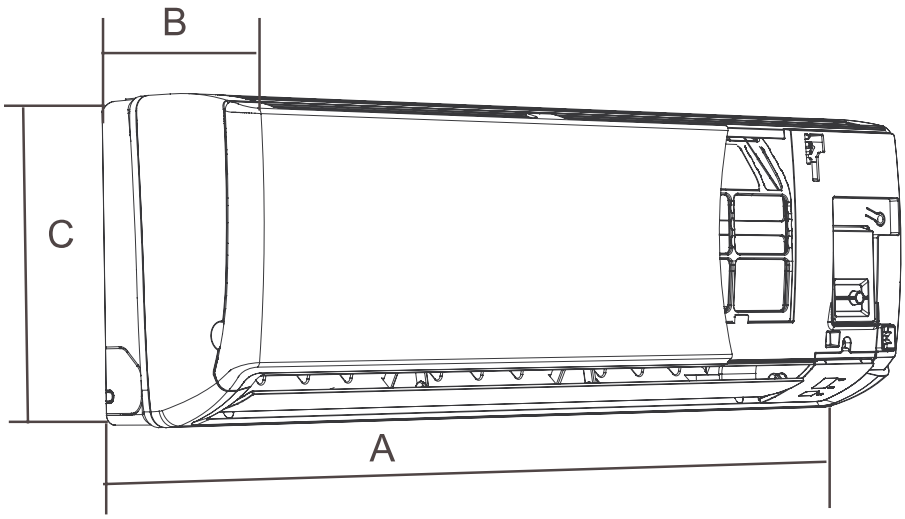
Figure 102. Dimension (2-way cassette type)



Model	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪
YV8VXH028~056WAR--GX	1015	885	468	417	817	460	178	161	220	207	405

Model	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑
YV8VXH028~056WAR--GX	148	227	98	91	47	120	56	74	124	130

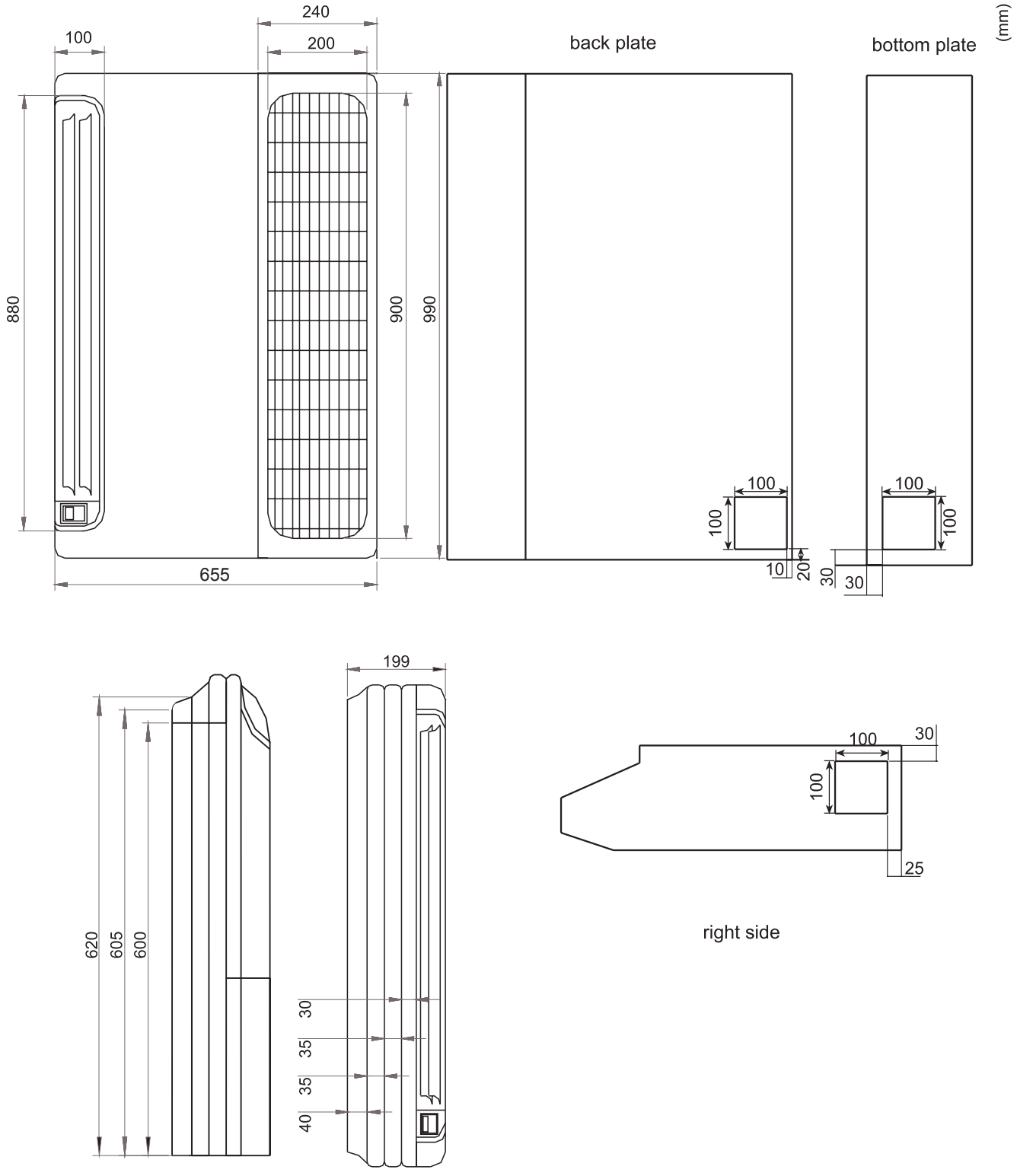
Figure 103. Dimension (High wall indoor)



Model	A	B	C
YVHVXH022-045WAR--FX	938	187	265
YVHVXH056-071WAR--FX	1046	239	299

Figure 104. Dimension (Floor ceiling indoor)

YVFVXH028/036/045/056/071WAR--GX



YVFVXH080/090/112/140WAR--GX

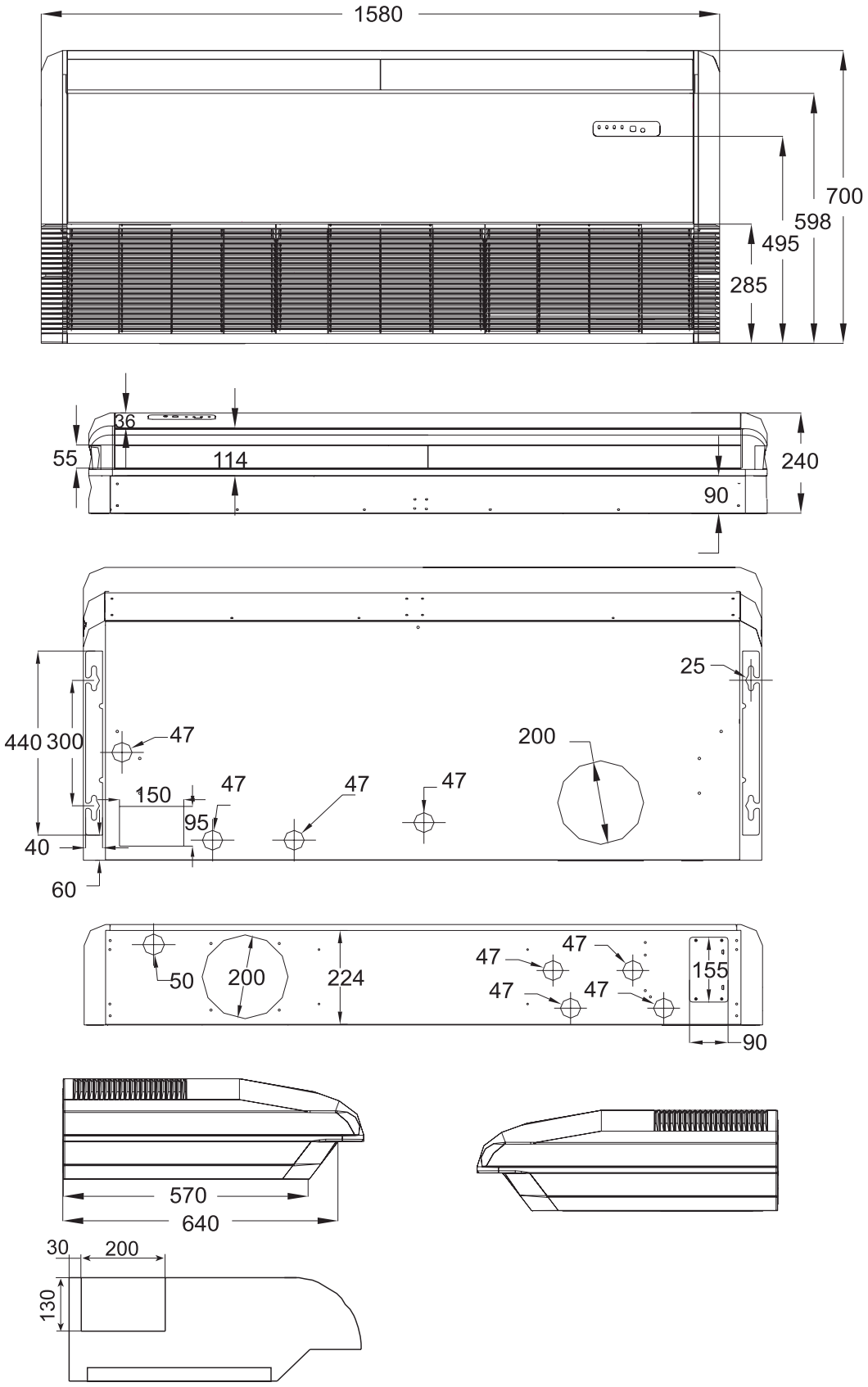
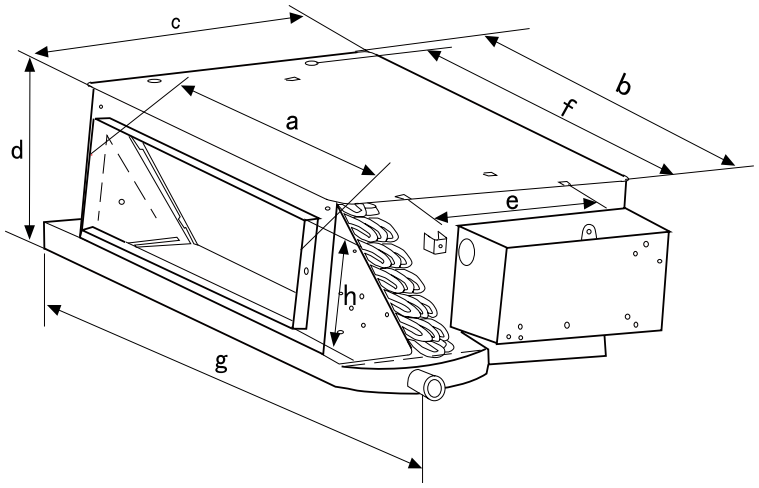


Figure 105. Dimension (Low ESP duct indoor)

Model	a	b	c	d	e	f	g	h	i
YVDVH022WAR--GX YVDVH028WAR--GX YVDVH036WAR--GX	418	538	483	220	255	508	610	136	--
YVDVH045WAR--GX YVDVH056WAR--GX YVDVH071WAR--GX	1002	483	136	1105	255	105	880	970	220

YVDVXH022WAR--GX
YVDVXH028WAR--GX
YVDVXH036WAR--GX



YVDVXH045WAR--GX
YVDVXH056WAR--GX
YVDVXH071WAR--GX

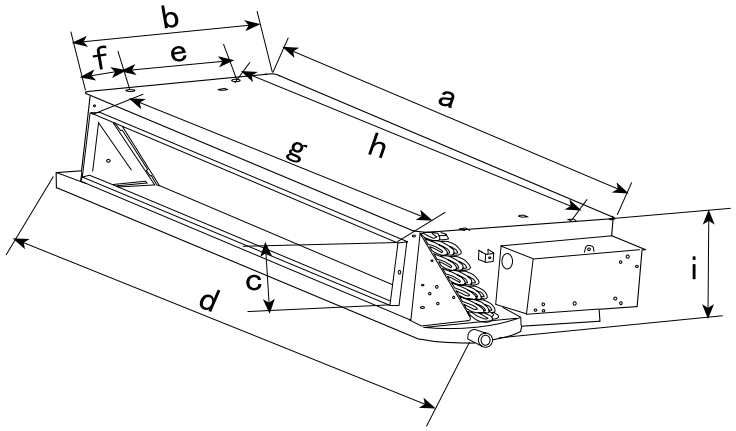
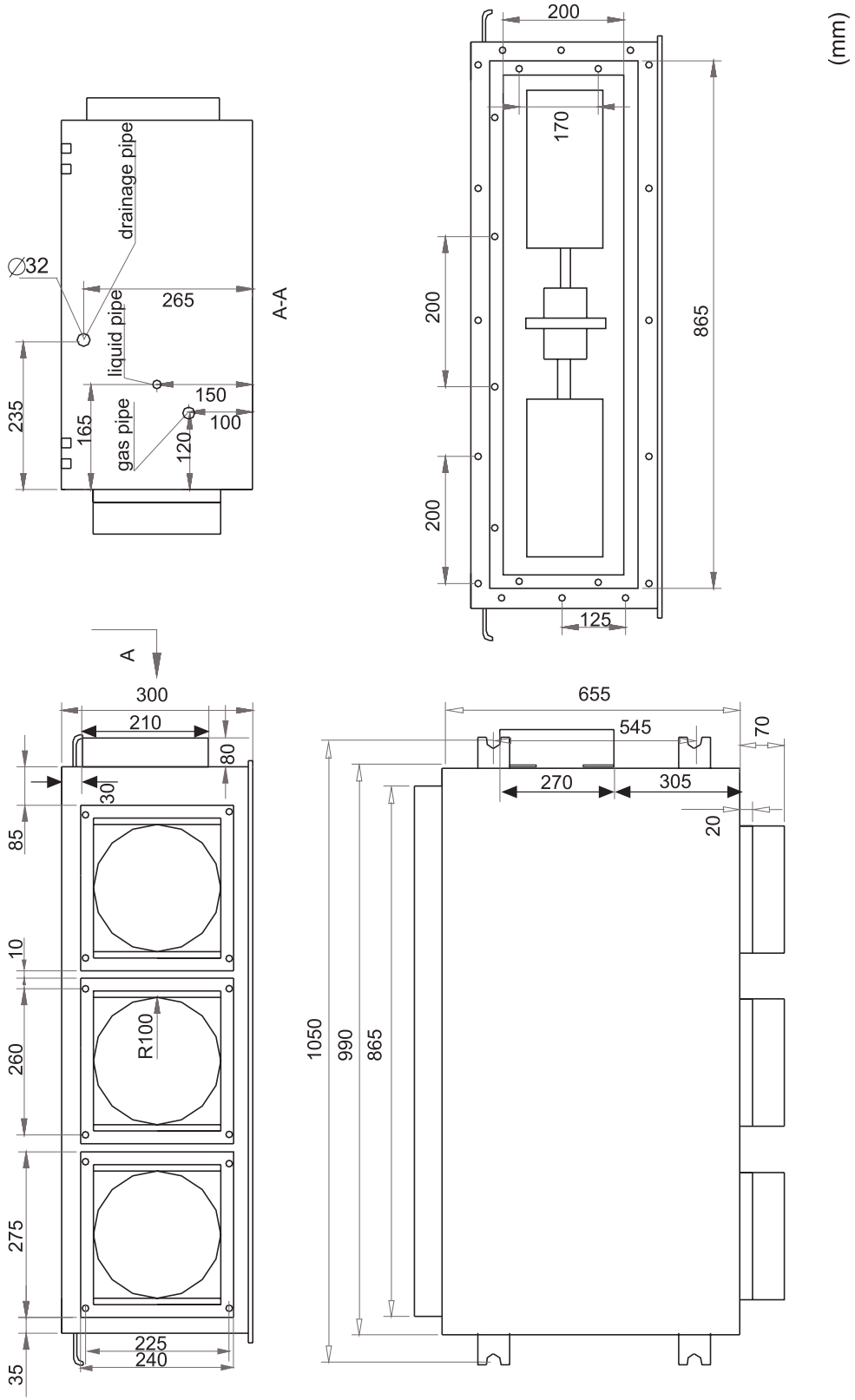


Figure 106. Dimension (Medium ESP duct indoor)



YVEVXH090~140WAR--GX

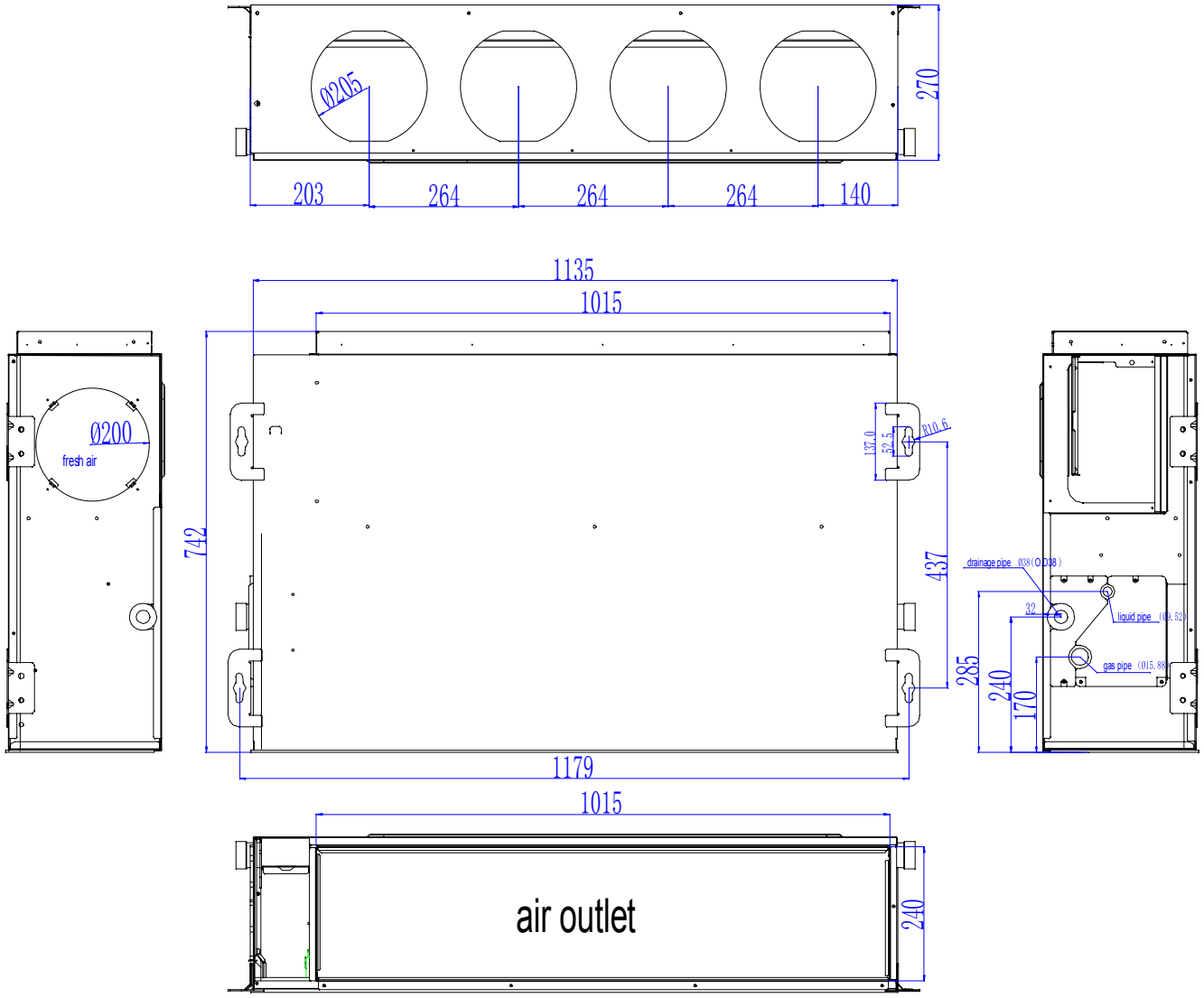
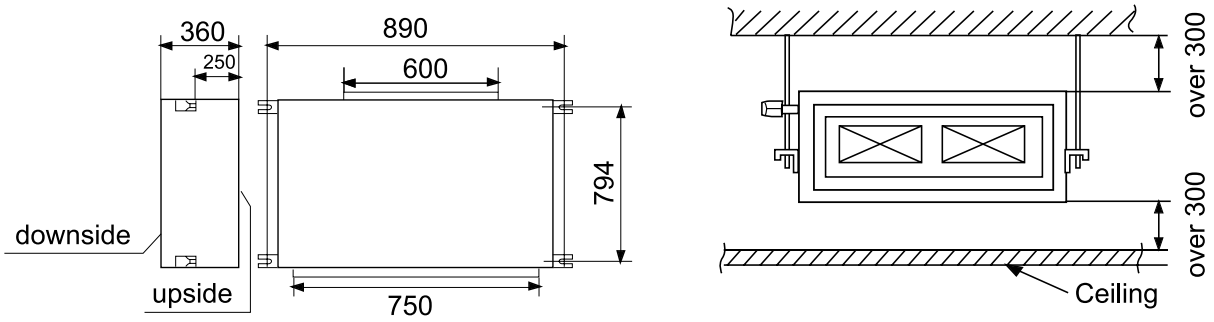
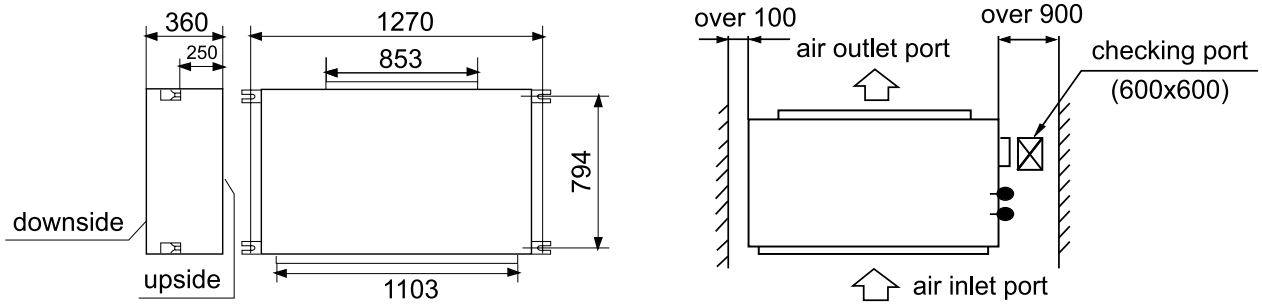


Figure 107. Dimension (High ESP duct indoor)

YVGVXH056WAR--GX
YVGVXH071WAR--GX
YVGVXH080WAR--GX



YVGVXH090WAR--GX
YVGVXH112WAR--GX
YVGVXH140WAR--GX



YVGVXH226WAR--GX
YVGVXH280WAR--GX

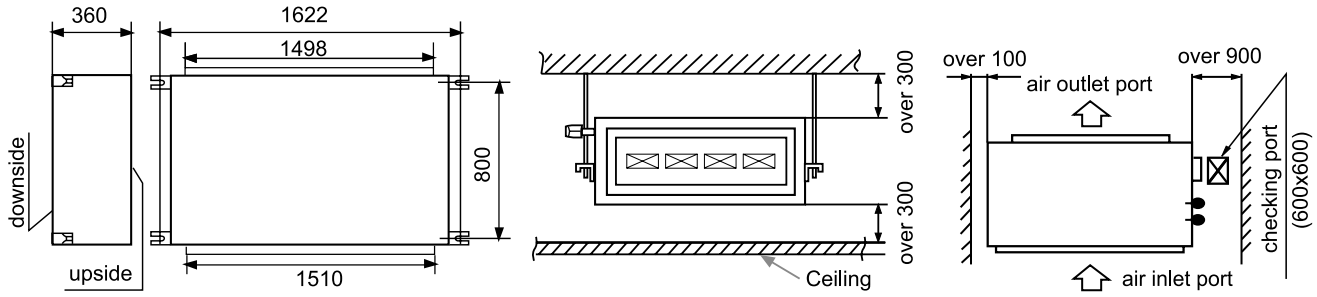
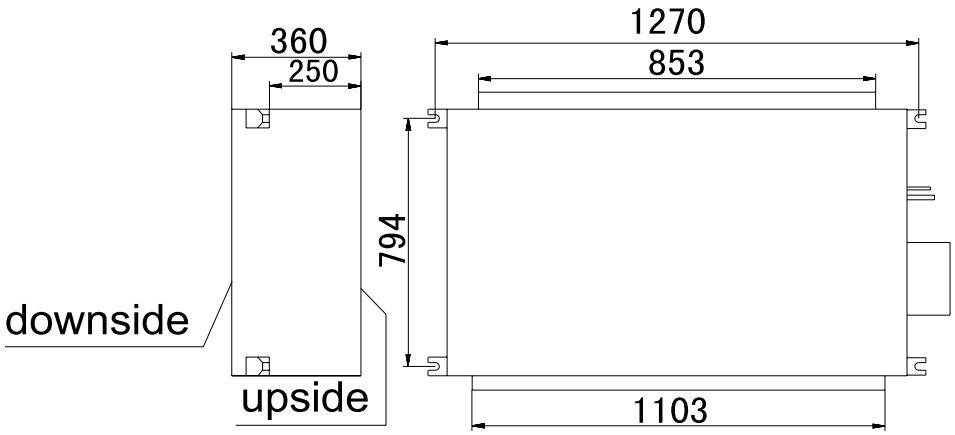


Figure 108. Dimension (Fresh air indoor)

YV4VXH140WAR--GX



YV4VXH226WAR--GX
YV4VXH280WAR--GX

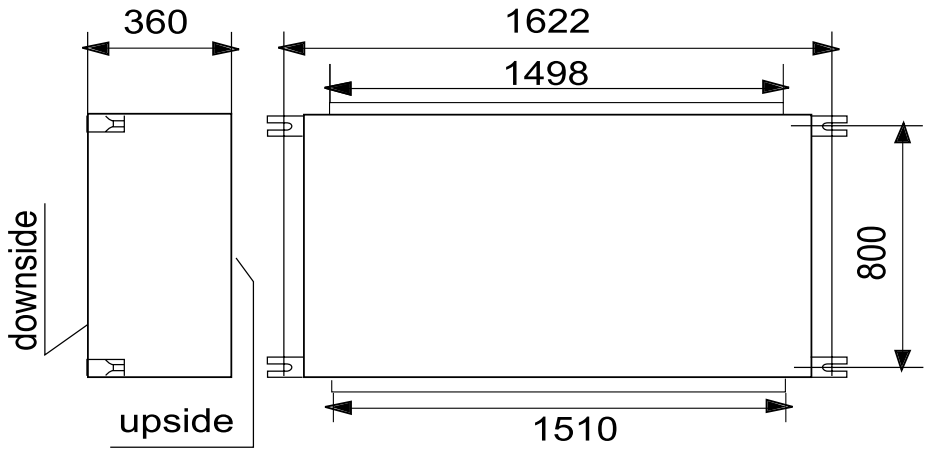
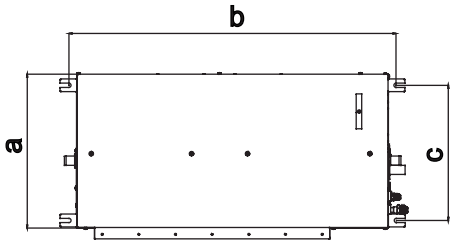


Figure 109. Dimension (Slim-duct indoor)

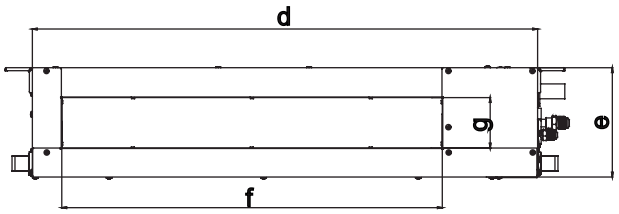
3.Dimension (unit: mm).

Model	a	b	c	d	e	f	g	h	i
YV3VXH022WAR--GX YV3VXH028WAR--GX YV3VXH036WAR--GX YV3VXH045WAR--GX	420	892	370	850	185	640	85	760	152
YV3VXH056WAR--GX YV3VXH071WAR--GX	420	1212	370	1170	185	960	85	1080	152

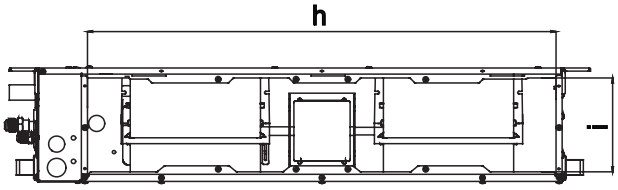
YV3VXH022WAR--GX YV3VXH028WAR--GX YV3VXH036WAR--GX
YV3VXH045WAR--GX YV3VXH056WAR--GX YV3VXH071WAR--GX



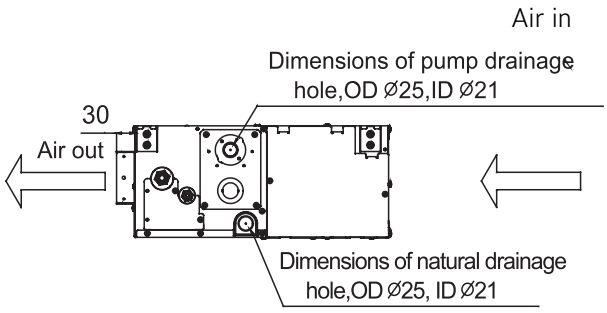
Hanger dimensions



Dimensions of air outlet

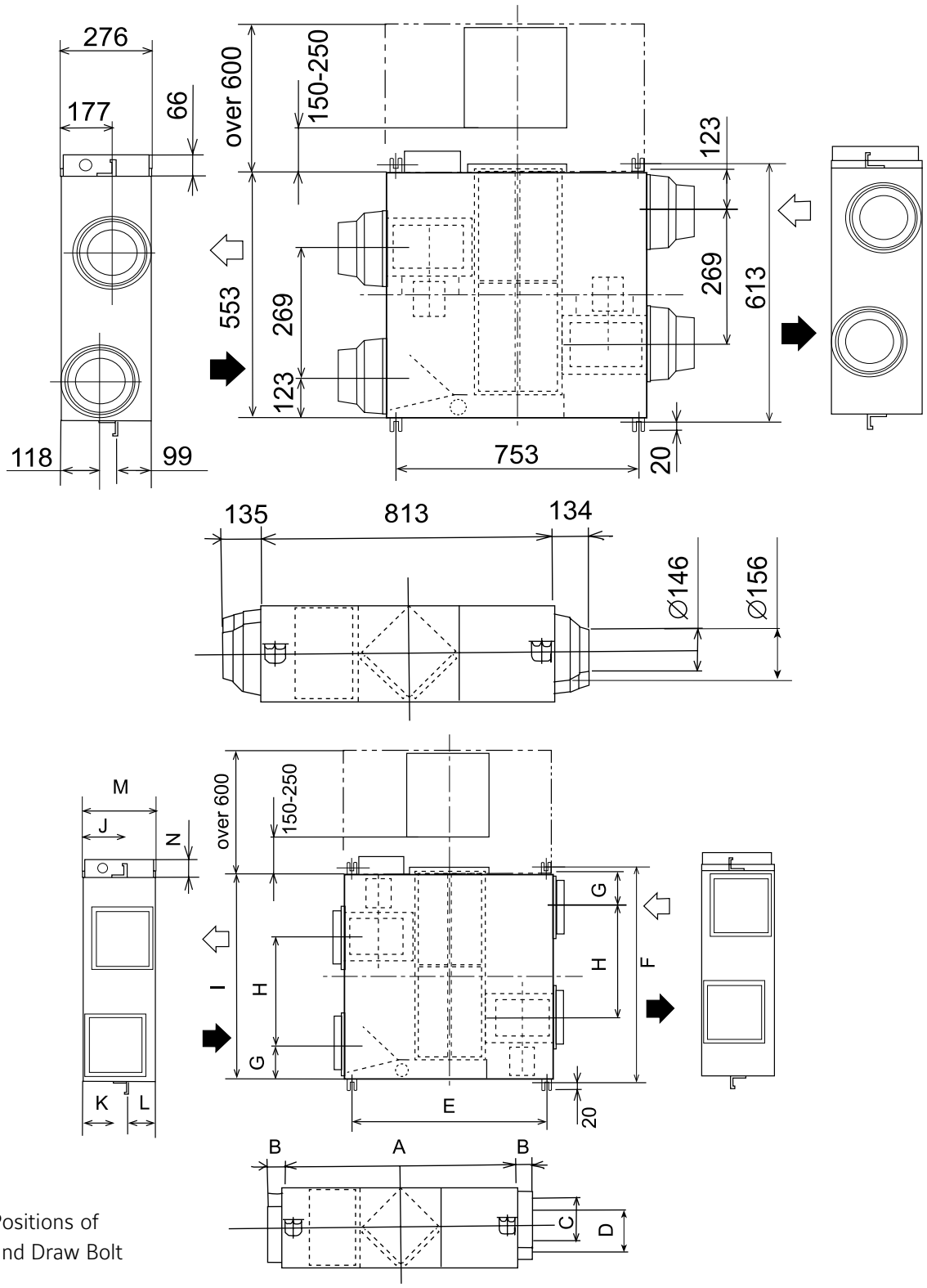


Dimensions of return air inlet



Dimensions of drain hose

Figure 110. Dimension (HRV)



Relative Positions of the Unit and Draw Bolt

A	B	C	D	E	F	G	H	I	J	K	L	M	N
1110	24	235	235	1034	1274	153	622	1216	235	235	155	385	66

8. Diagram

8.1. Outdoor units

Figure 111. Piping diagram (8/10 HP)

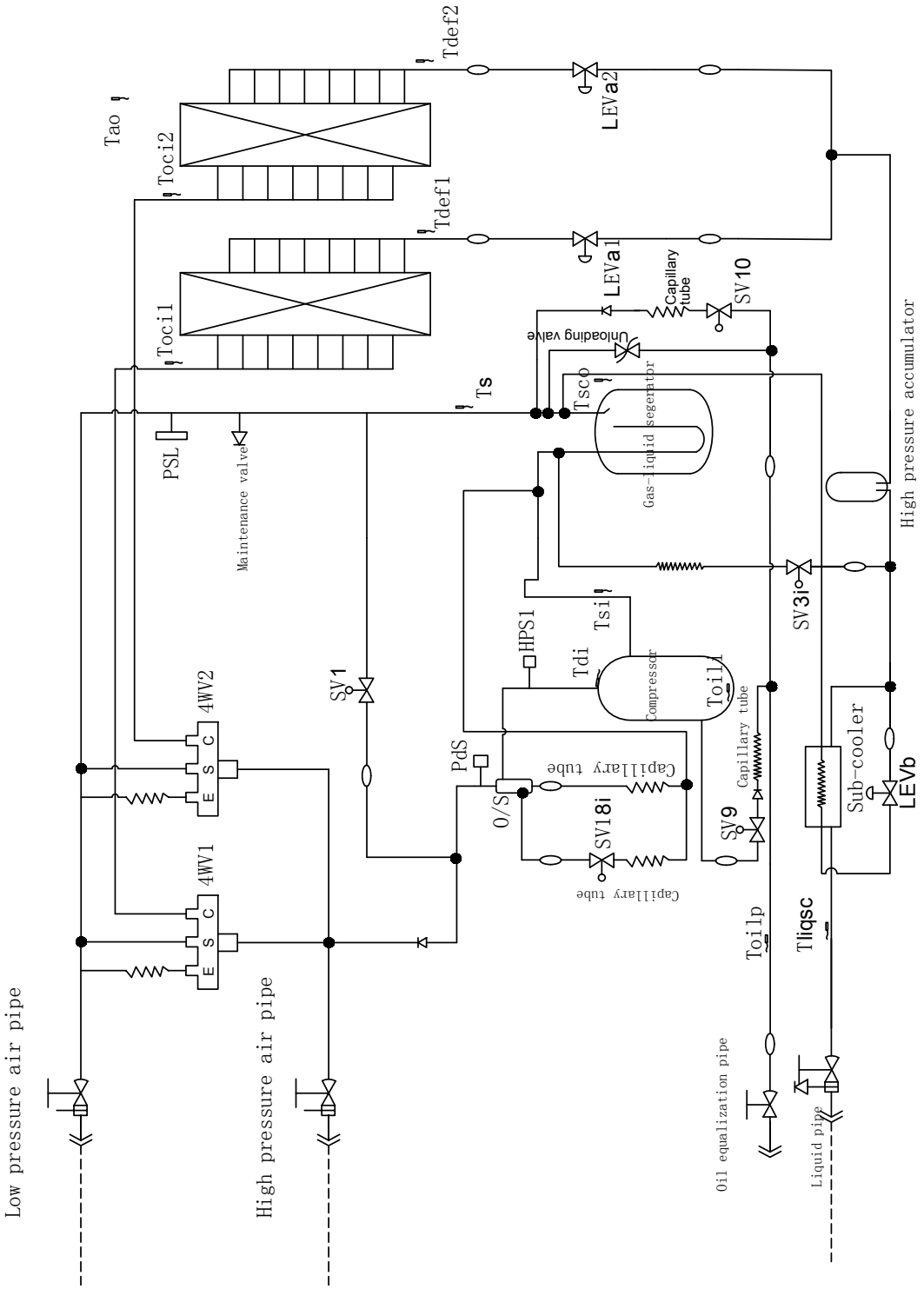


Figure 112. Piping diagram (12/14/16 HP)

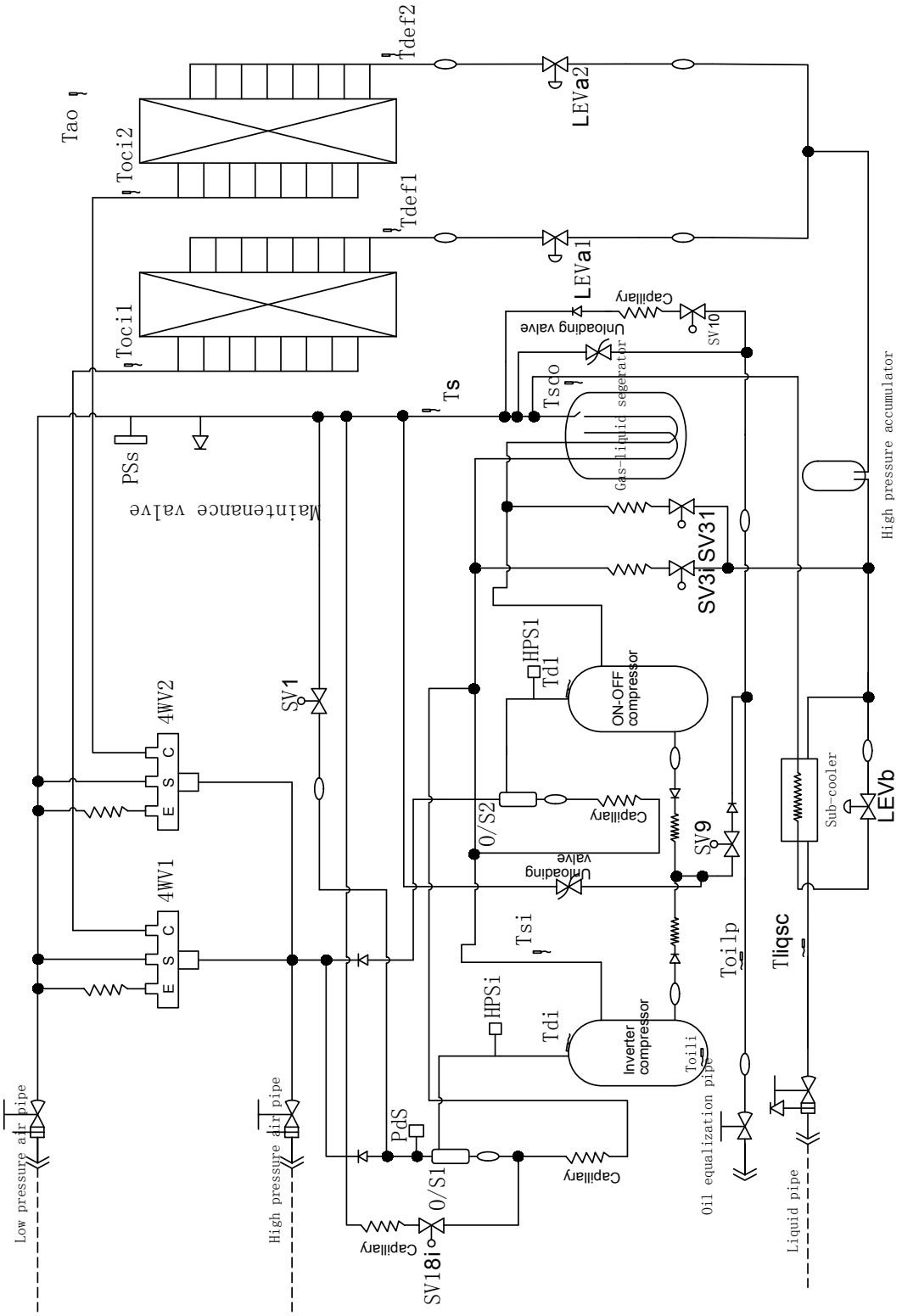


Table 113. Piping diagram sign description

Part name	Sign	Function	Data	Remark
Compressor	/	Capacity control，meet indoor load request by adjusting the frequency.	ANB52： 0.302Ω AN66： 1.78Ω	20°C
Pressure Switch	HPSi/1	Inverter / ON-OFF high pressure protection control	4.15Mpa，OFF	
Pressure Sensor	Pd	In heating，compressor frequency adjustment，abnormal pressure protection.	NSK-BD042I-224	
	Ps	In cooling，compressor frequency adjustment abnormal pressure protection.	NSK-BD017I-224	
Electronic Expansion Valve	LEVa1/2	1.Refrigerant flow control when heating 2. When one outdoor unit is operating, LEVa1/2 can control the heat exchanger works at a half or full condition.	8~10HP： Φ2.4 12~16HP： Φ3.0	
	LEVb	Sub-cooling valve，in cooling，be controlled as the Tliqsc target.	8~10HP:Φ1.8 12~16HP:Φ2.4	
Solenoid Valve	SV1	1.Meet balance of high/low pressure when compressor starts up or stops.	AC220V	2A
		2.High/low pressure protection.	Open when power is on，close when power is off	
	SV18i	Starting auxiliary oil return when the frequency of inverter compressor is high.	When the frequency of inverter compressor pass 62rps，starts up，stops when 52rps.	
	SV10	When equalizing oil， SV10 starts up.	AC220V	2A
	SV9	When equalizing oil among modules， SV9 starts up.	AC220V	2A
	SV3i	When Tdi/Toili is high， the inverter compressor starts up.	AC220V	2A
	SV31	12~16HP outdoor ON/OFF compressor starts up when TD1 is high.	AC220V	2A
4-way valve	4WV1	Change over between cooling and heating	AC220V, power on in heating; power off in cooling or defrosting	
	4WV2	When one outdoor unit is operating, 4WV2 can control the heat exchanger working at a half or full condition.	AC220V, always power on when heat exchanger works at a half condition no matter heating or cooling.	
Unloading Valve	DPC	Avoid the oil equalization circuit being blocked by liquid seal.	Opened when the circuit's pressure is over 4.1MPa	
Temp. Sensor	Toili	Detect the refrigerant oil temp. at compressor's bottom to judge whether the units operation, oil temp. and oil temp. over-heating degree meet the standard or not.	R (80°C) =50K B (25/80°C) =4450K	
	Tdp	Detect the high pressure air pipe's temp. to judge whether the diversion in 4WV is success or not.		
	Tdi/Td1	Detect the temp. of inverter and On-Off compressors' top		
	Toilp	Detect the temp. of oil equalization pipe when equalizing the oil if there are several outdoor units		
	Tdef1/2	Detect the coil's temp. of outdoor heat exchanger to judge if it reaches the defrosting standard	R (25°C) =10K， B (25°C/50°C) =3700 K	
	Ts/Tsi	Detect the compressor's suction temp.		
	Tsco	Detect the branch outlet pipe's temp. of heat regenerator in order to control LEVb during cooling.		
	Toci1/2	Detect condenser's whole air pipe's temp. to control LEVa1 and LEVa2 when heating.		
	Tao	Detect the outdoor temp. to set the original airflow speed and defrosting condition.		
	Tliqsc	Detect the main outlet pipe's temp. of heat regenerator in order to control LEVb during cooling.		
Heater	CHa	Apply to heat the liquid refrigerant in the gas-liquid separator	70W, 220V，1 piece	
	CHi	Applied to heat the oil in the inverter compressor	33W, 220V，2 piece	
	CH1	Applied to heat the oil in On-Off compressor	33W, 220V，1 piece	

Figure 114. Wiring diagram (8/10HP)

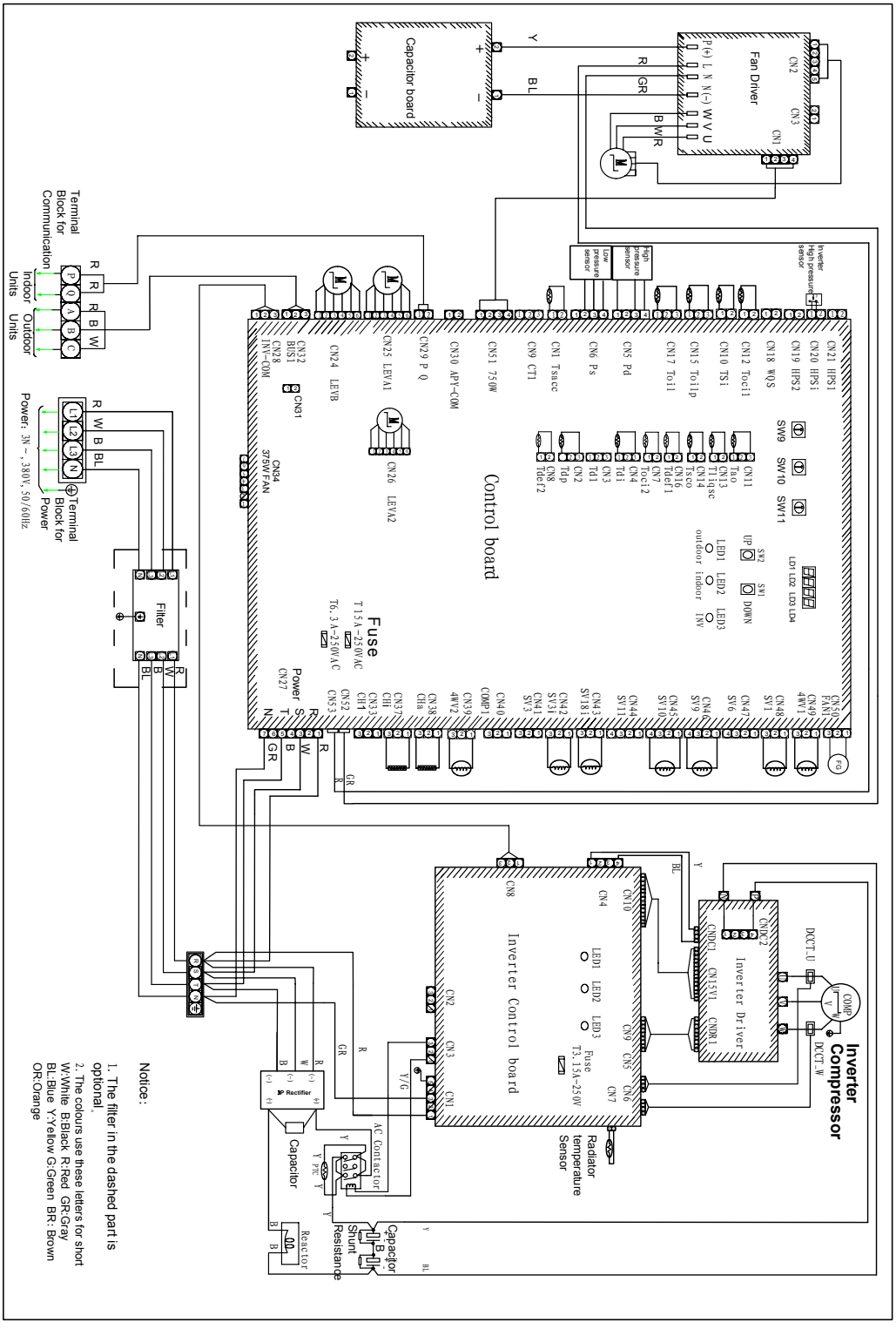
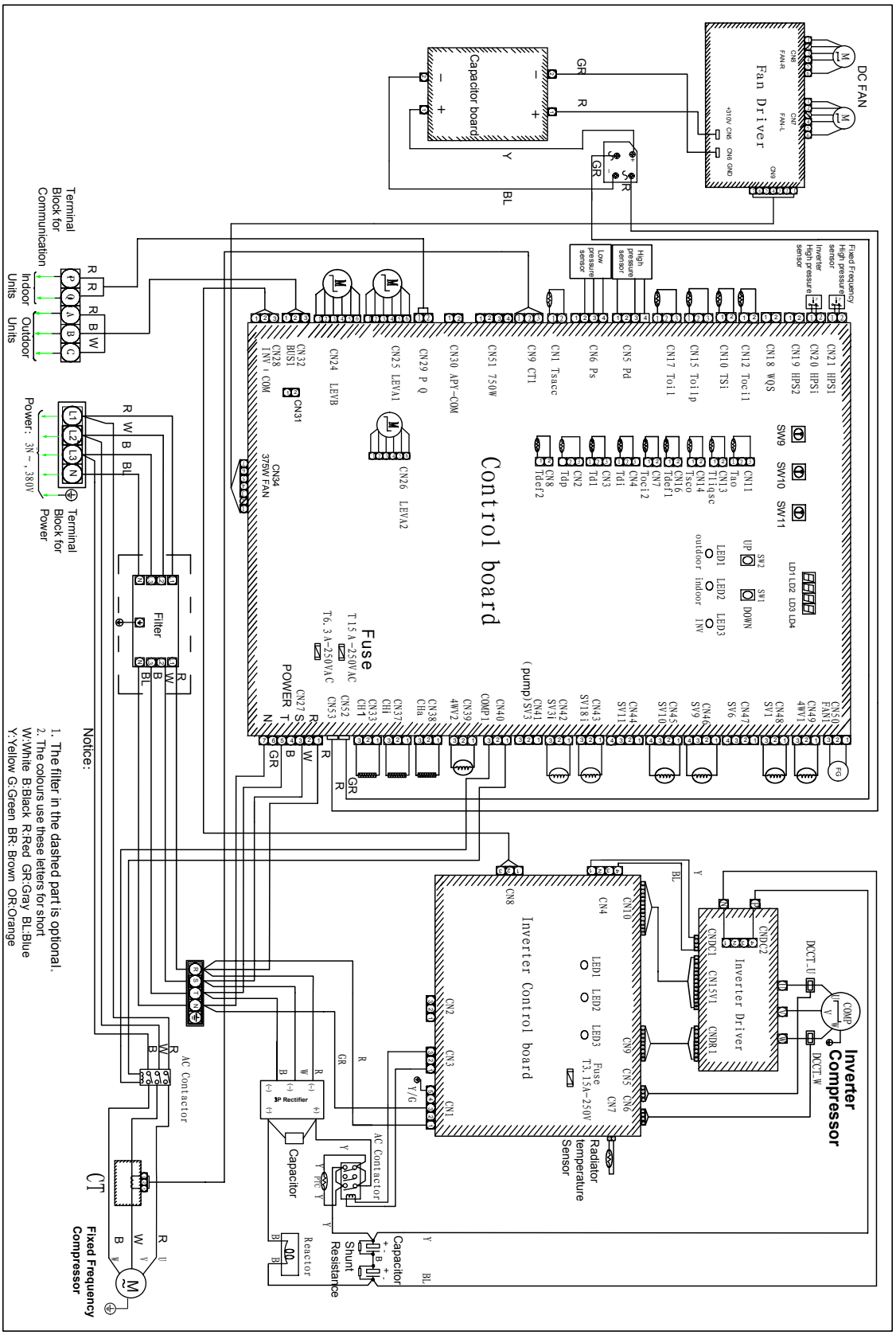


Figure 115. Wiring diagram (12/14/16HP)



8.2. Indoor Units

Figure 116. Piping diagram (4-way cassette indoor)

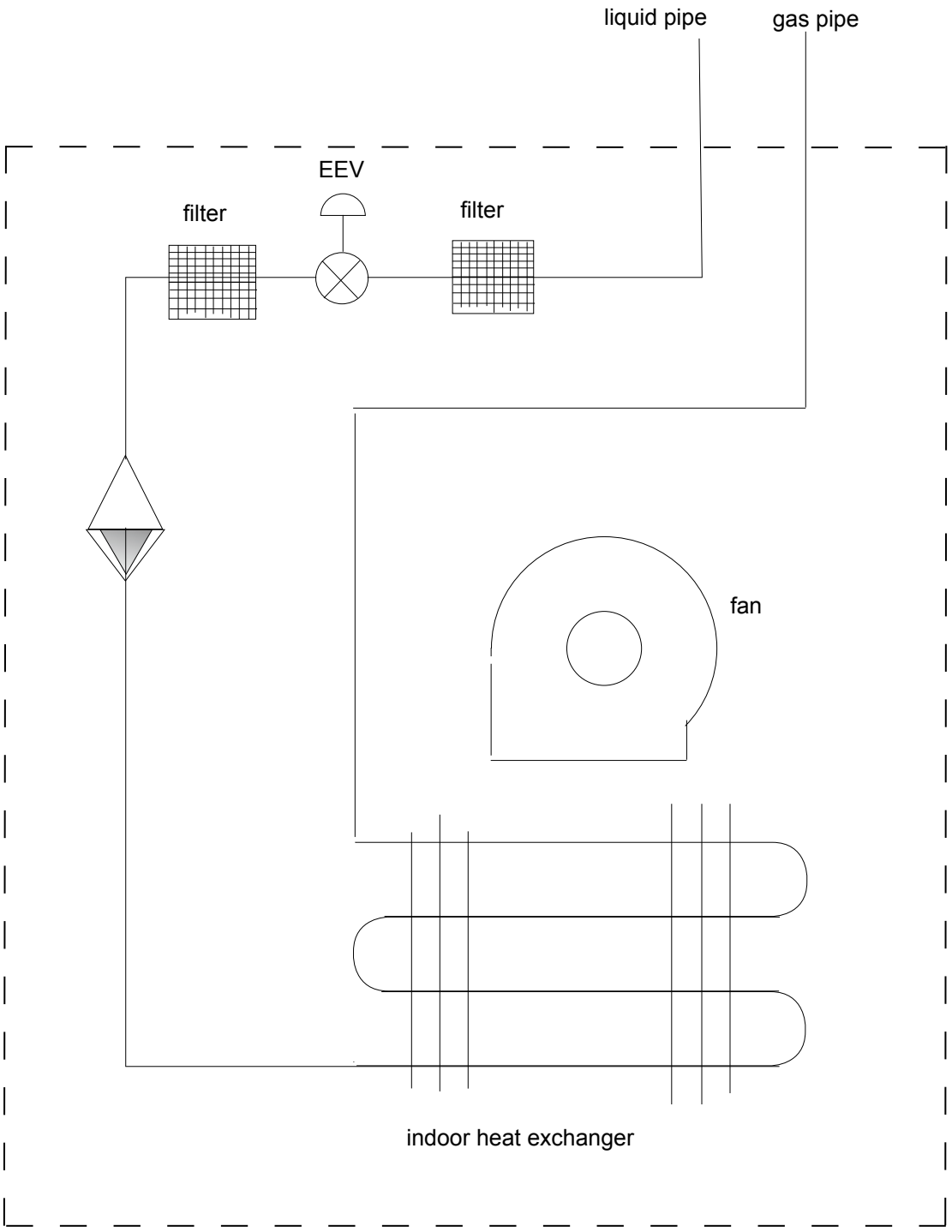
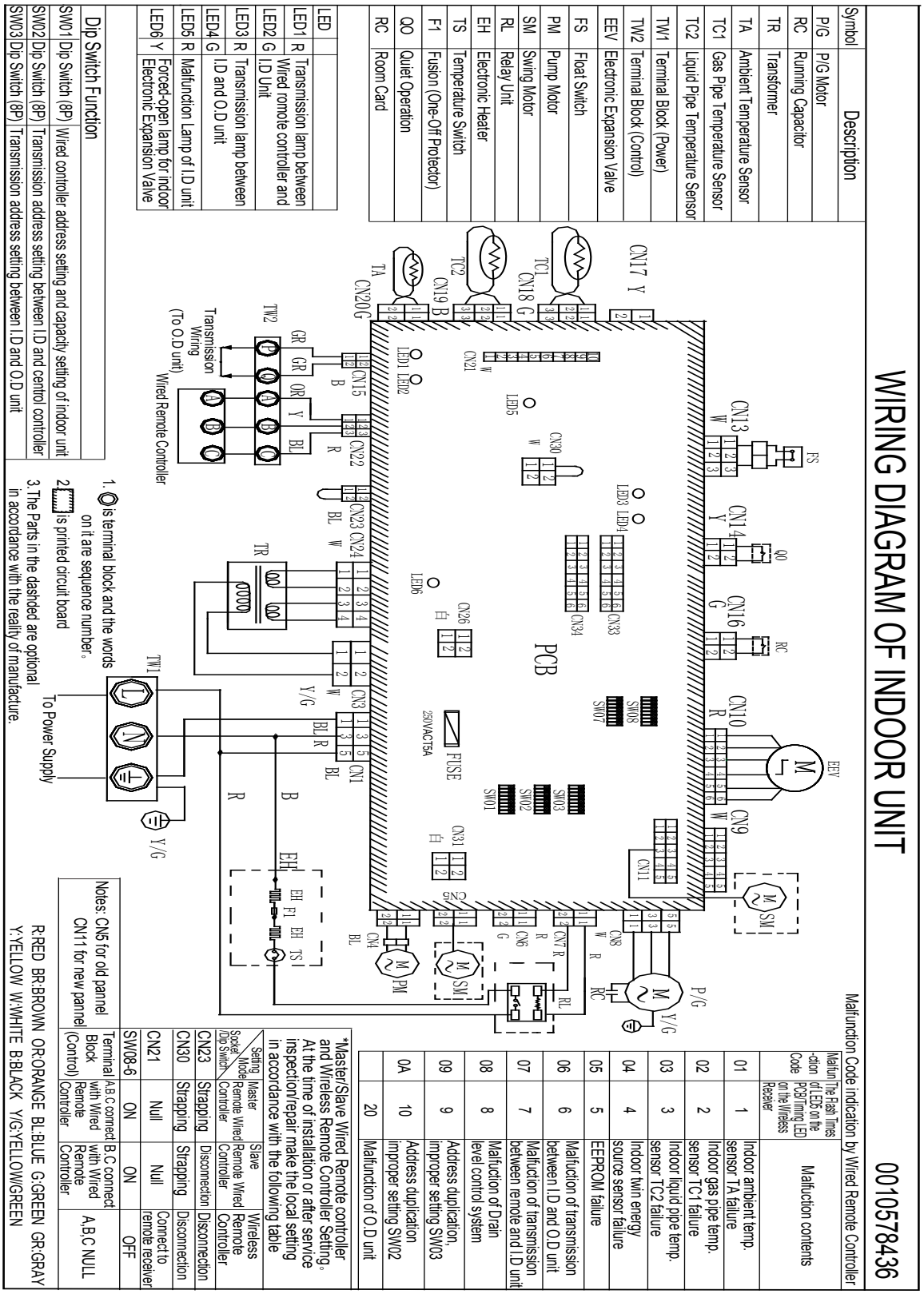


Figure 117. Wiring diagram (4-way cassette indoor)



Symbol	Description
P/G	P/G Motor
RC	Running Capacitor
TR	Transformer
TA	Ambient Temperature Sensor
TC1	Gas Pipe Temperature Sensor
TC2	Liquid Pipe Temperature Sensor
TW1	Terminal Block (Power)
TW2	Terminal Block (Control)
EEV	Electronic Expansion Valve
FS	Float Switch
PM	Pump Motor
SM	Swing Motor
RL	Relay Unit
EH	Electronic Heater
TS	Temperature Switch
F1	Fusion (One-Off Protector)
QO	Quiet Operation
RC	Room Card

LED		
LED1	R	Transmission lamp between Wired romote controller and I.D Unit
LED2	G	
LED3	R	Transmission lamp between I.D and O.D unit
LED4	G	
LED5	R	Malfunction Lamp of I.D unit
LED6	Y	Forced-open lamp for indoor Electronic Expansion Valve

Dip Switch Function	
SW01	Dip Switch (8P) Wired controller address setting and capacity setting of indoor unit
SW02	Dip Switch (8P) Transmission address setting between I.D and centrol controller
SW03	Dip Switch (8P) Transmission address setting between I.D and O.D unit

Malfunction Code indication by Wired Remote Controller

Malfunction Code	Malfunction contents
01	Indoor ambient temp. sensor TA failure
02	Indoor gas pipe temp. sensor TC1 failure
03	Indoor liquid pipe temp. sensor TC2 failure
04	Indoor twin energy source sensor failure
05	EEPROM failure
06	Malfuction of transmission between I.D and O.D unit
07	Malfuction of transmission between remote and I.D unit
08	Malfuction of Drain level control system
09	Address duplication, improper setting SW03
0A	Address duplication improper setting SW02
20	Malfunction of O.D unit

-ction of LED5 on the PCB(Timing LED on the Wireless Receiver: 1 Time Flash

*Master/Slave Wired Remote controller and Wireless Remote Controller Setting。
At the time of installation or after service inspection/repair make the local setting in accordance with the following table

Setting Mode / Socket /Dip Switch	Master Remote Wired Controller	Slave Remote Wired Controller	Wireless Remote Controller
CN23	Strapping	Disconnection	Disconnection
CN30	Strapping	Strapping	Disconnection
CN21	Null	Null	Connect to remote receiver
SW08-6	ON	ON	OFF
Terminal Block (Control)	A,B,C connect with Wired Remote Controller	B,C connect with Wired Remote Controller	A,B,C NULL

Notes: CN5 for old pannel
CN11 for new pannel

Figure 118. Piping diagram (2-way cassette indoor)

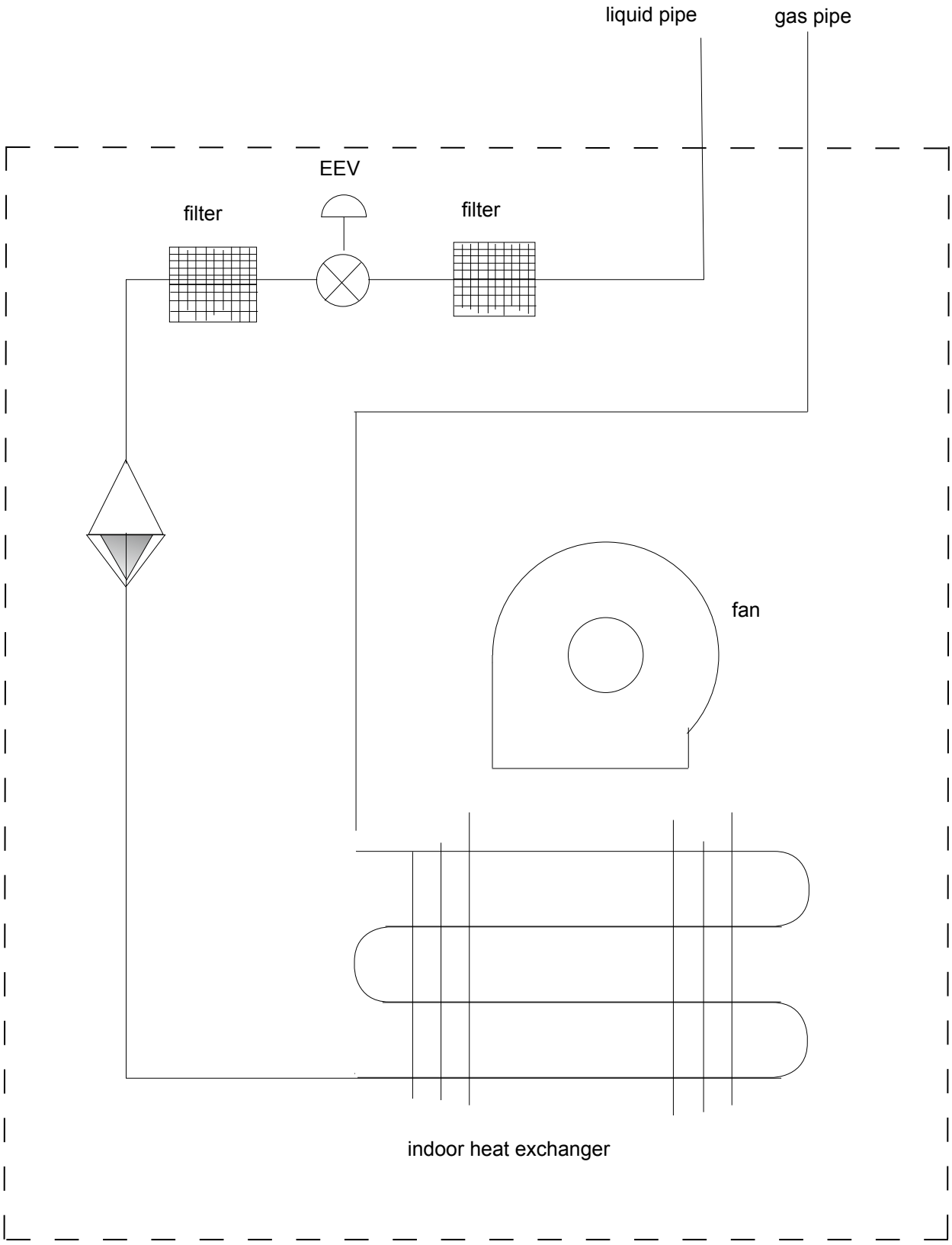
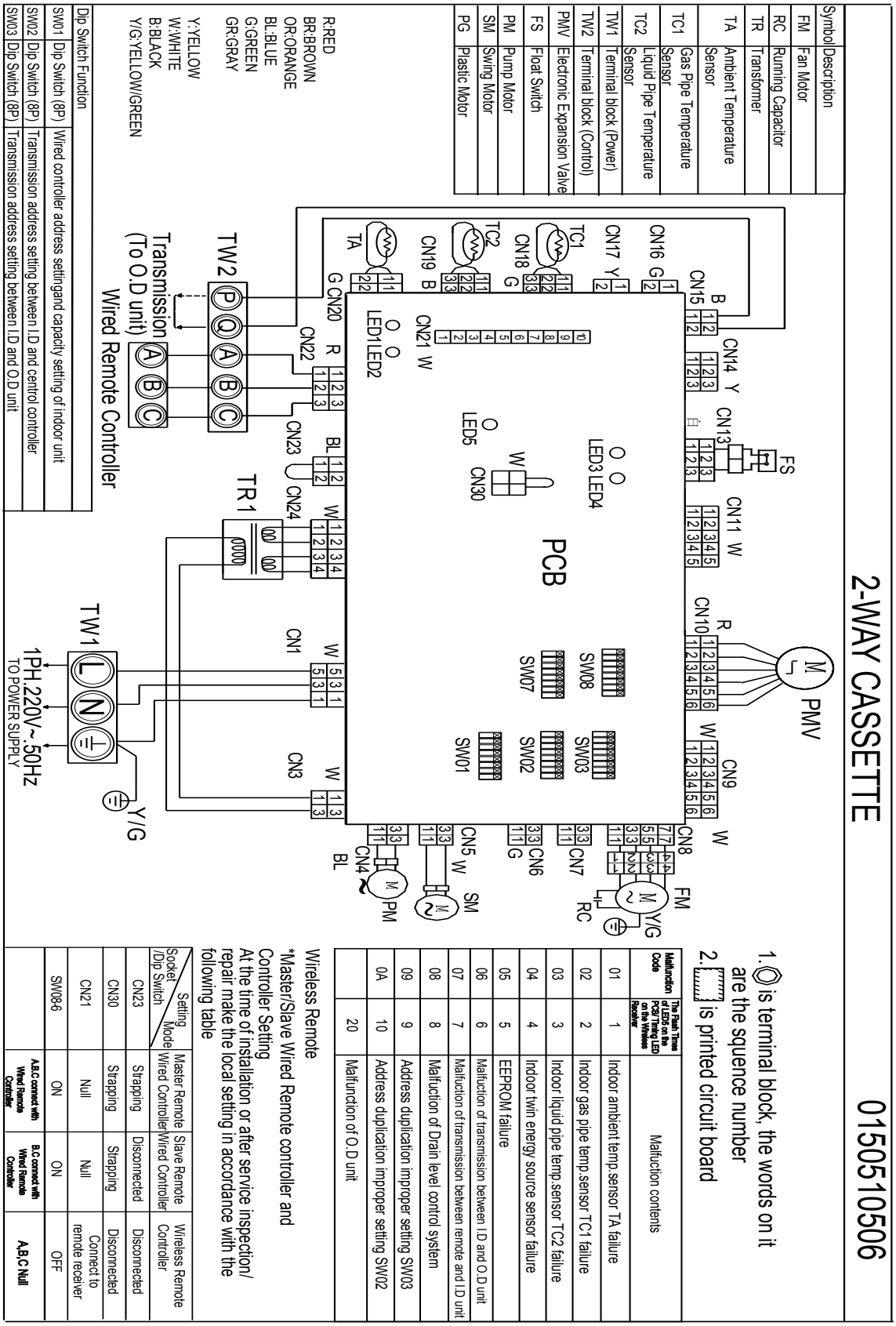


Figure 119. Wiring diagram (2-way cassette indoor)



Symbol	Description
FM	Fan Motor
RC	Running Capacitor
TR	Transformer
TA	Ambient Temperature Sensor
TC1	Gas Pipe Temperature Sensor
TC2	Liquid Pipe Temperature Sensor
TW1	Terminal block (Power)
TW2	Terminal block (Control)
PMV	Electronic Expansion Valve
FS	Float Switch
PM	Pump Motor
SM	Swing Motor
PG	Plastic Motor

Malfunction Code	The Flash Times of LED5 on the PCB/ Timing LED on the Wireless Receiver	Malfunction contents
01	1	Indoor ambient temp.sensor TA failure
02	2	Indoor gas pipe temp.sensor TC1 failure
03	3	Indoor liquid pipe temp.sensor TC2 failure
04	4	Indoor twin energy source sensor failure
05	5	EEPROM failure
06	6	Malfuction of transmission between I.D and O.D unit
07	7	Malfuction of transmission between remote and I.D unit
08	8	Malfuction of Drain level control system
09	9	Address duplication improper setting SW03
0A	10	Address duplication improper setting SW02
	20	Malfunction of O.D unit

Dip Switch Function	
SW01	Dip Switch (8P) Wired controller address settingand capacity setting of indoor unit
SW02	Dip Switch (8P) Transmission address setting between I.D and centrol controller
SW03	Dip Switch (8P) Transmission address setting between I.D and O.D unit

Wireless Remote

*Master/Slave Wired Remote controller and Controller Setting

At the time of installation or after service inspection/ repair make the local setting in accordance with the following table

Setting Mode / Socket /Dip Switch	Master Remote Wired Controller	Slave Remote Wired Controller	Wireless Remote Controller
CN23	Strapping	Disconnected	Disconnected
CN30	Strapping	Strapping	Disconnected
CN21	Null	Null	Connect to remote receiver
SW086	ON	ON	OFF
	A.B.C connect with Wired Remote Controller	B.C connect with Wired Remote Controller	A.B.C Null

Figure 120. Piping diagram (High wall indoor)

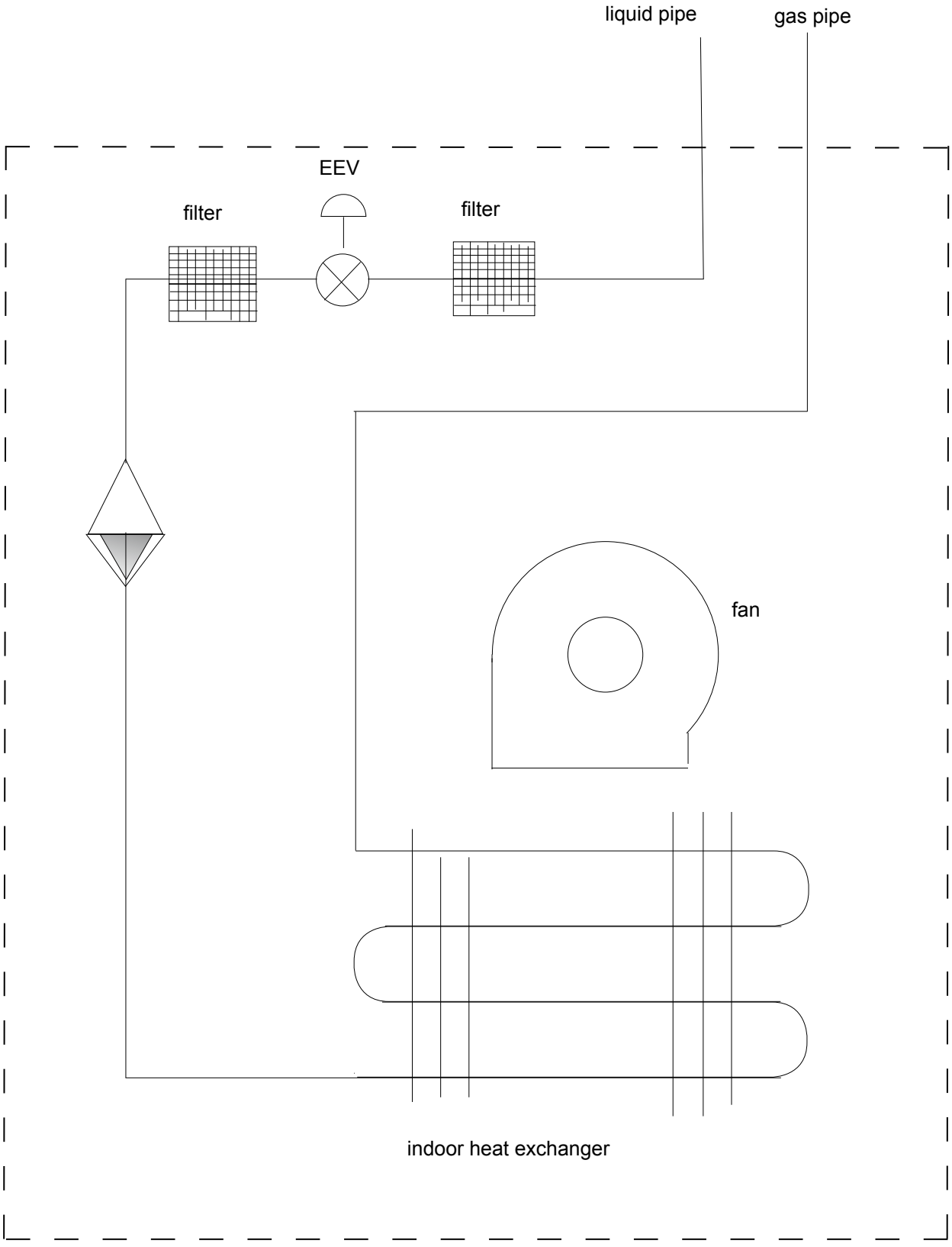
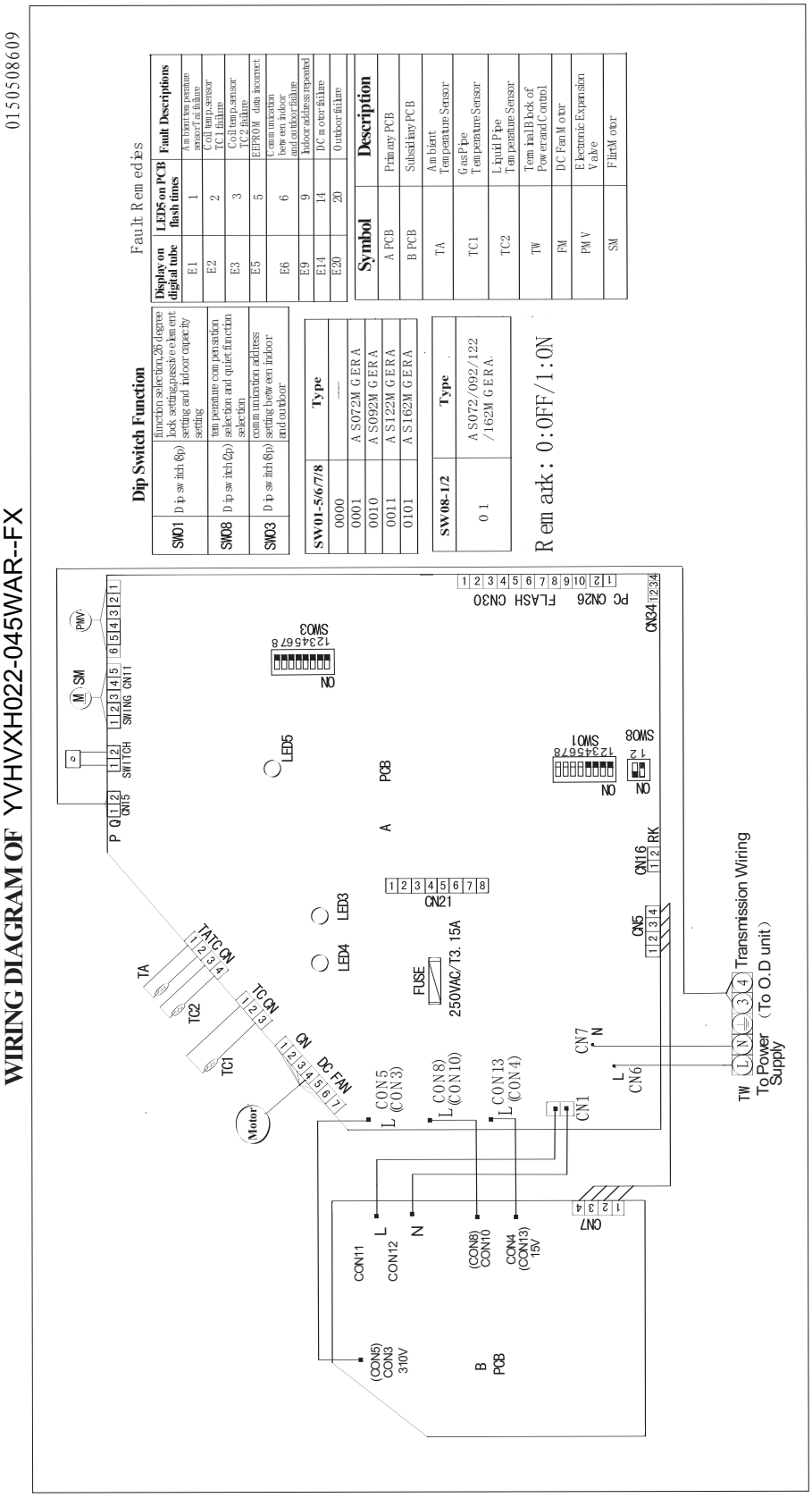
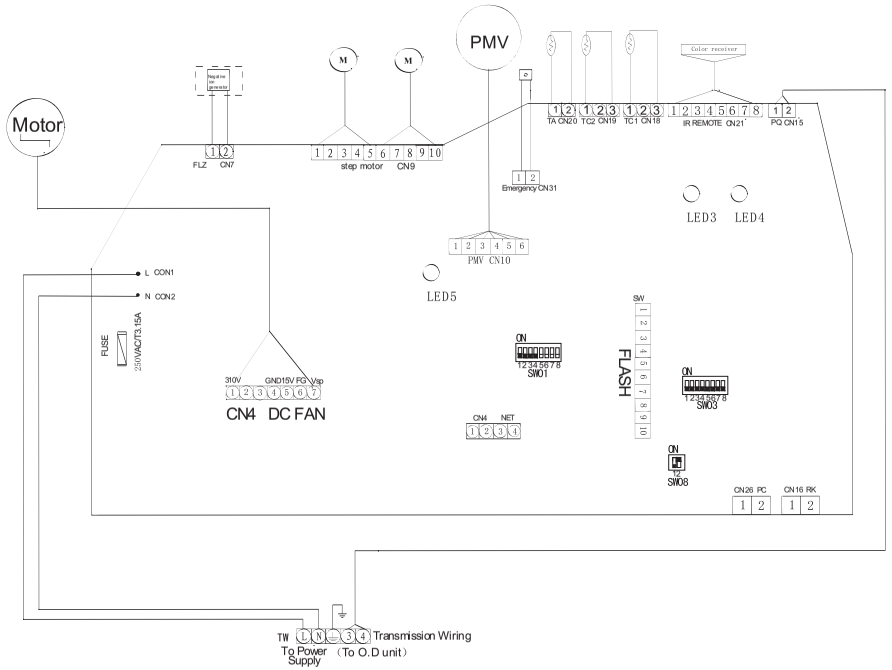


Figure 121. Wiring diagram (High wall indoor)



WIRING DIAGRAM OF YVHVXH056-071WAR--FX

0150508610



SW01-5/6/7/8	Type
0110	AS182MGERA
0111	AS242MGERA

SW08-1/2	Type
01	AS182,242MGERA

Remark: 0:OFF/1:ON

Symbol	Description
SM 1	FlirtMotor1
SM 2	FlirtMotor2
TA	Ambient Temperature Sensor
TC1	GasPipe Temperature Sensor
TC2	LiquidPipe Temperature Sensor
TW	TerminalBlock of Power and Control
FM	DC FanMotor
PMV	Electronic Expansion Valve

Fault Remedies

Display on digital tube	LED5 on PCB flash times	Fault Descriptions
E1	1	Ambient temperature sensor Tai failure
E2	2	Coil temp.sensor TC1 failure
E3	3	Coil temp.sensor TC2 failure
E5	5	EEPROM data inconrect
E6	6	Communication between indoor and outdoor failure
E9	9	Indoor address repeated
E14	14	DC motor failure
E20	20	Outdoor failure

Dip Switch Function (0:OFF/1:ON)

SW01	Dip switch(8p)	function selection,26 degree lock setting,passive element setting and indoor capacity setting
SW08	Dip switch(2p)	temperature compensation selection and quiet function selection
SW03	Dip switch(8p)	communication address setting between indoor and outdoor

Figure 122. Piping diagram (Floor ceiling indoor)

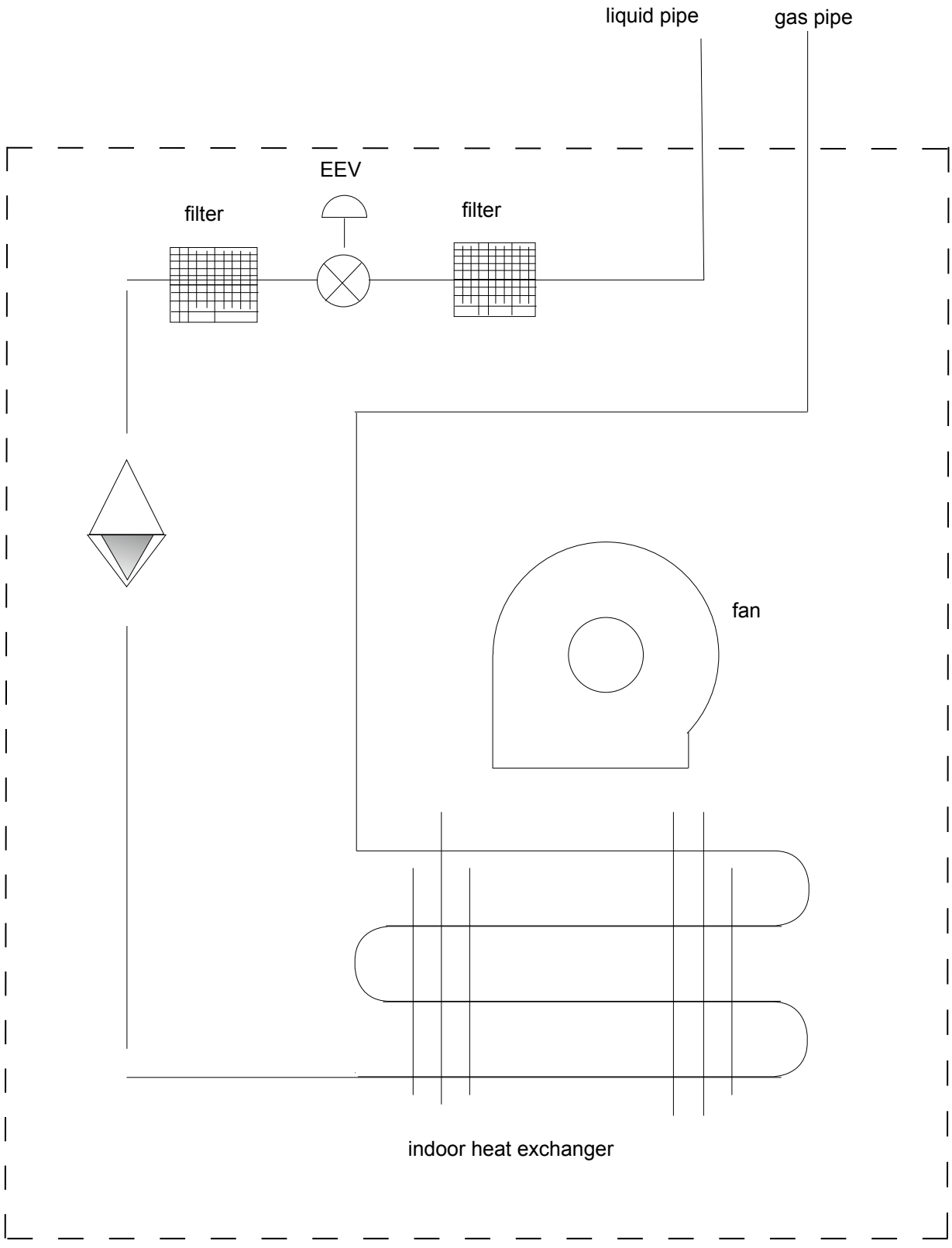
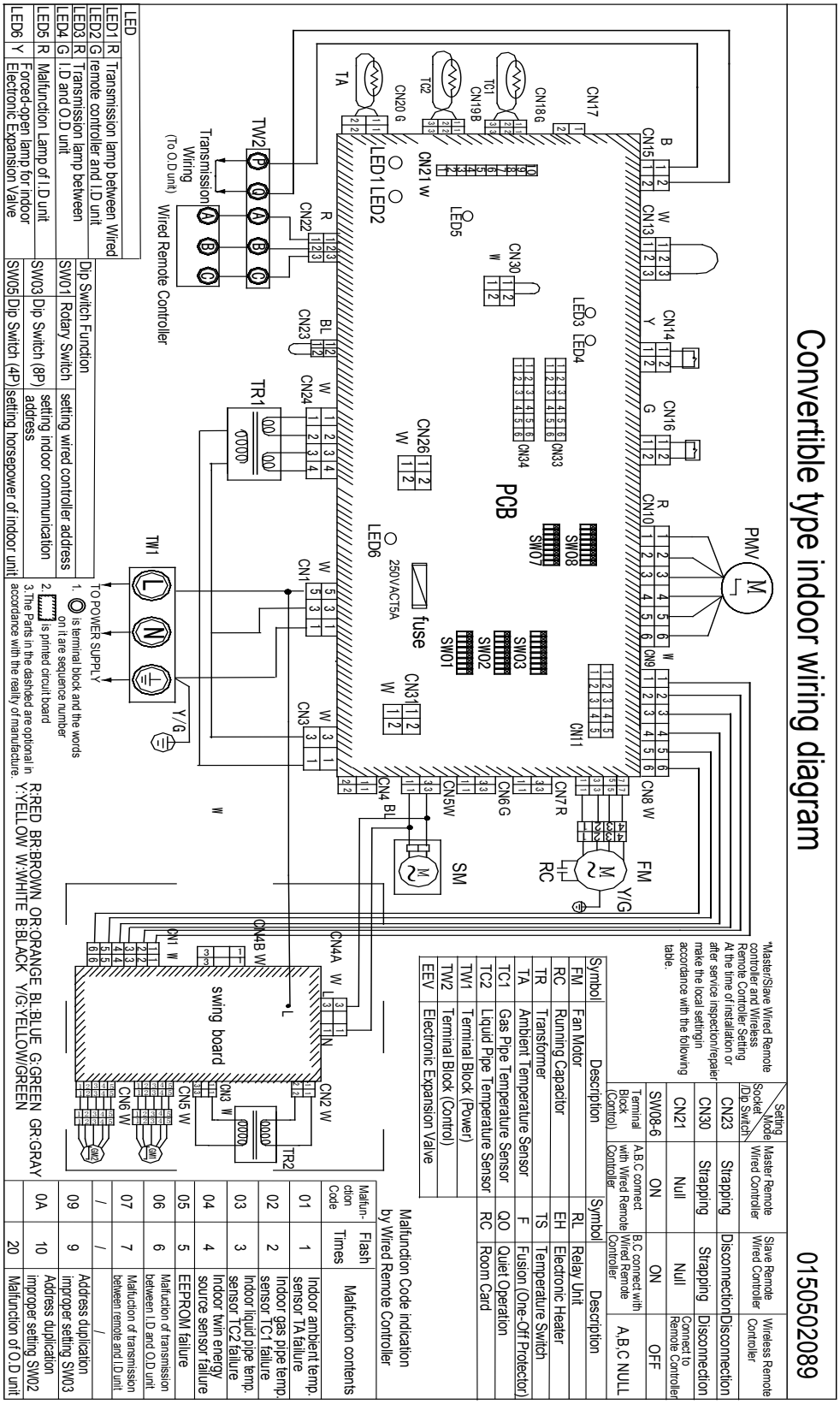


Figure 123. Wiring diagram (Floor ceiling indoor)



*Master/Slave Wired Remote controller and Wireless Remote Controller Setting
At the time of installation or after service inspection/repair make the local settingin accordance with the following table.

Setting Mode / Socket / Dip Switch	Master Remote Wired Controller	Slave Remote Wired Controller	Wireless Remote Controller
CN23	Strapping	Disconnection	Disconnection
CN30	Strapping	Strapping	Disconnection
CN21	Null	Null	Connect to Remote Controller
SW08-6	ON	ON	OFF
Terminal Block (Control)	A.B.C connect with Wired Remote Controller	B.C connect with Wired Remote Controller	A.B.C NULL

Symbol	Description
FM	Fan Motor
RC	Running Capacitor
TR	Transformer
TA	Ambient Temperature Sensor
TC1	Gas Pipe Temperature Sensor
TC2	Liquid Pipe Temperature Sensor
TW1	Terminal Block (Power)
TW2	Terminal Block (Control)
EEV	Electronic Expansion Valve

Symbol	Description
RL	Relay Unit
EH	Electronic Heater
TS	Temperature Switch
F	Fusion (One-Off Protector)
QO	Quiet Operation
RC	Room Card

LED		
LED1	R	Transmission lamp between Wired
LED2	G	remote controller and I.D unit
LED3	R	Transmission lamp between
LED4	G	I.D and O.D unit
LED5	R	Malfunction Lamp of I.D unit
LED6	Y	Forced-open lamp for indoor Electronic Expansion Valve

Dip Switch Function		
SW01	Rotary Switch	setting wired controller address
SW03	Dip Switch (8P)	setting indoor communication address
SW05	Dip Switch (4P)	setting horsepower of indoor unit

1. ◎ is terminal block and the words on it are sequence number
2. ▭ is printed circuit board
3. The Parts in the dashed are optional in accordance with the reality of manufacture.

Malfunction Code indication by Wired Remote Controller

Malfunction Code	Flash Times	Malfuction contents
01	1	Indoor ambient temp. sensor TA failure
02	2	Indoor gas pipe temp. sensor TC1 failure
03	3	Indoor liquid pipe temp. sensor TC2 failure
04	4	Indoor twin energy source sensor failure
05	5	EEPROM failure
06	6	Malfuction of transmission between I.D and O.D unit
07	7	Malfuction of transmission between remote and I.D unit
/	/	/
09	9	Address duplication Improper setting SW03
0A	10	Address duplication Improper setting SW02
20		Malfunction of O.D unit

Figure 124. Piping diagram (Low ESP duct)

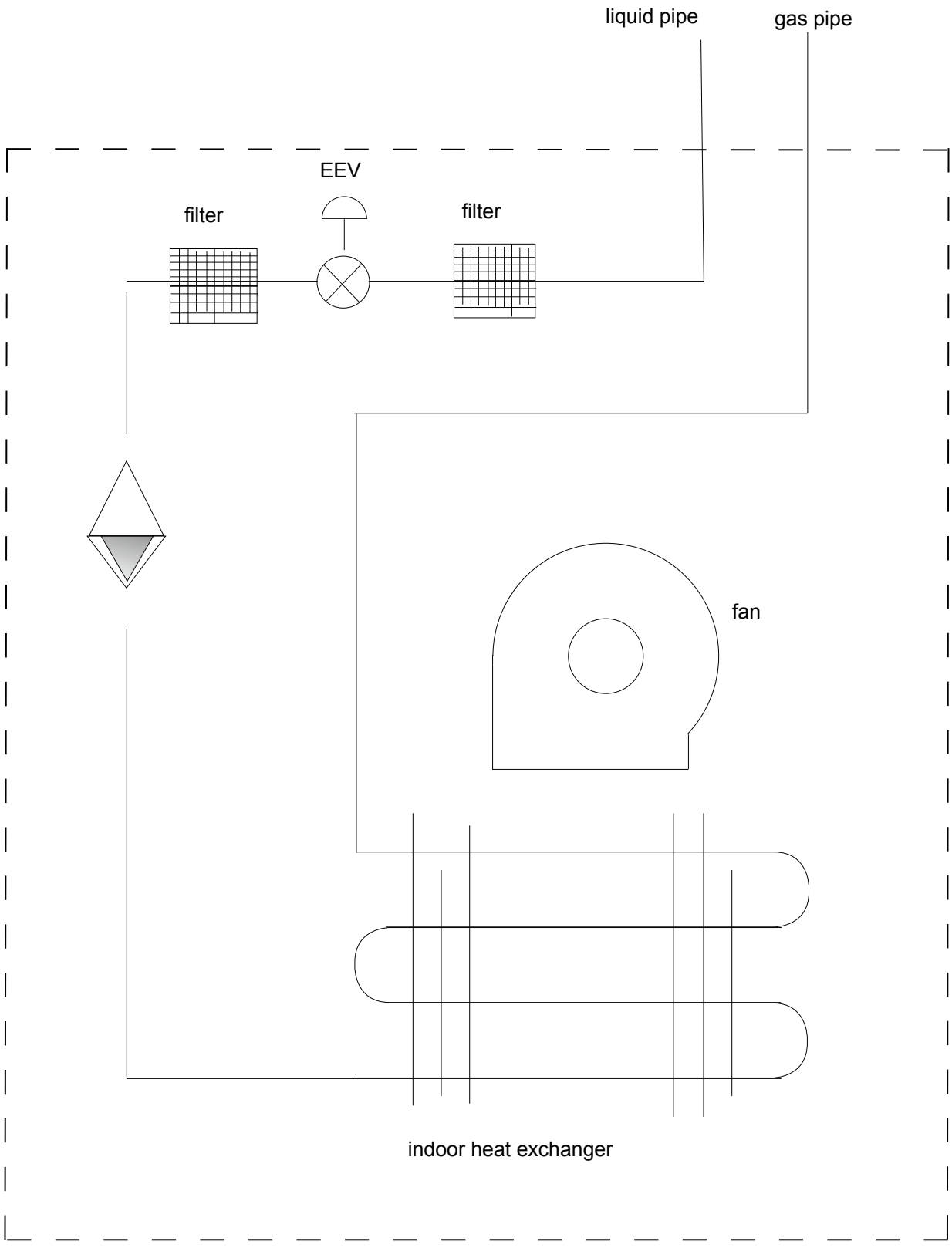
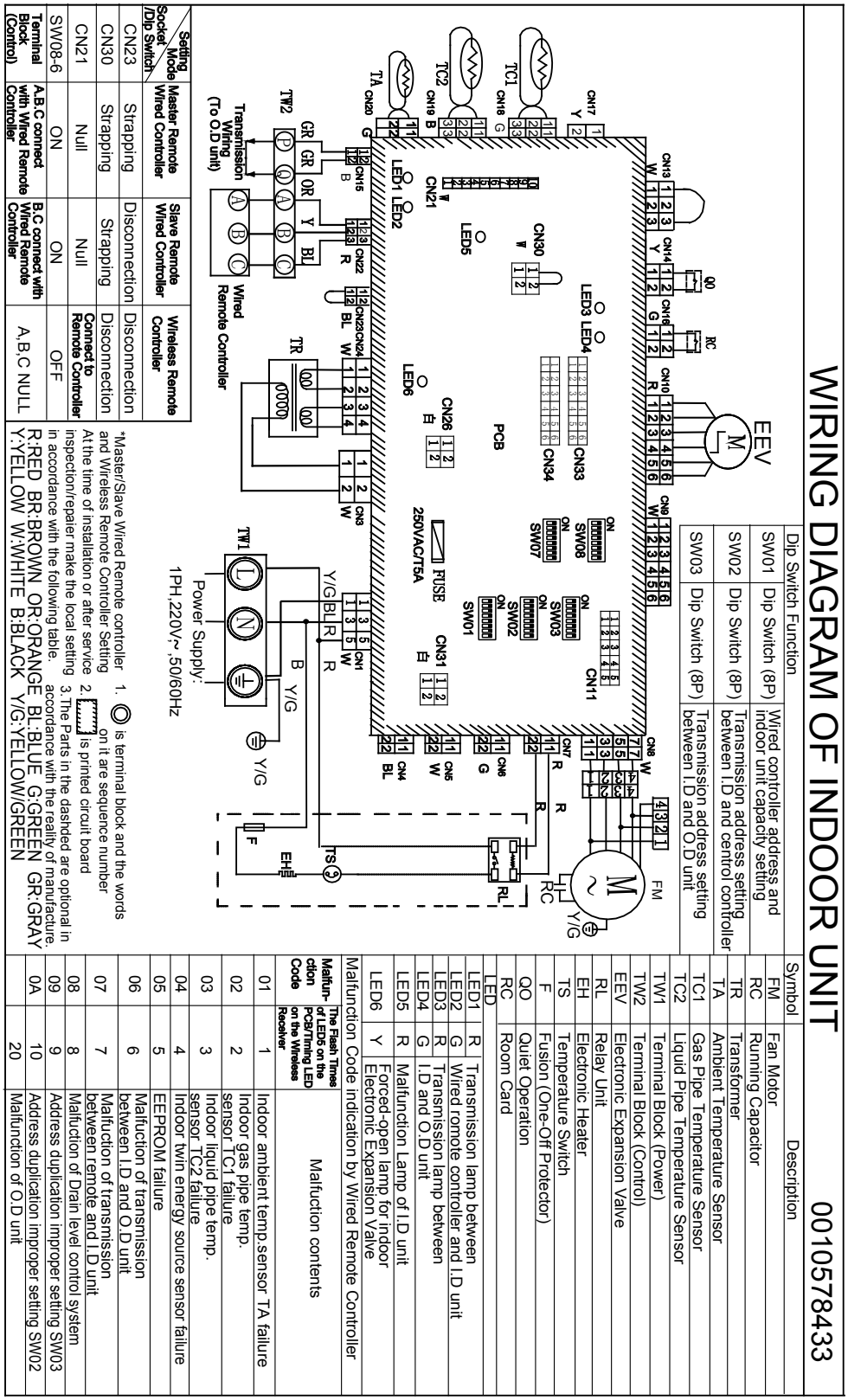


Figure 125. Wiring diagram (Low ESP duct indoor)



Setting Mode / Socket /Dip Switch	Master Remote Wired Controller	Slave Remote Wired Controller	Wireless Remote Controller
CN23	Strapping	Disconnection	Disconnection
CN30	Strapping	Strapping	Disconnection
CN21	Null	Null	Connect to Remote Controller
SW08-6	ON	ON	OFF
Terminal Block (Control)	A.B.C connect with Wired Remote Controller	B.C connect with Wired Remote Controller	A,B,C NULL

Symbol	Description
FM	Fan Motor
RC	Running Capacitor
TR	Transformer
TA	Ambient Temperature Sensor
TC1	Gas Pipe Temperature Sensor
TC2	Liquid Pipe Temperature Sensor
TW1	Terminal Block (Power)
TW2	Terminal Block (Control)
EEV	Electronic Expansion Valve
RL	Relay Unit
EH	Electronic Heater
TS	Temperature Switch
F	Fusion (One-Off Protector)
QO	Quiet Operation
RC	Room Card
LED1	R Transmission lamp between
LED2	G Wired romote controller and I.D unit
LED3	R Transmission lamp between
LED4	G I.D and O.D unit
LED5	R Malfunction Lamp of I.D unit
LED6	Y Forced-open lamp for indoor Electronic Expansion Valve

Malfunction Code indication by Wired Remote Controller		
Malfunction Code	The Flash Times of LED6 on the PCB/Timing LED on the Wireless Receiver	Malfuction contents
01	1	Indoor ambient temp.sensor TA failure
02	2	Indoor gas pipe temp. sensor TC1 failure
03	3	Indoor liquid pipe temp. sensor TC2 failure
04	4	Indoor twin energy source sensor failure
05	5	EEPROM failure
06	6	Malfuction of transmission between I.D and O.D unit
07	7	Malfuction of transmission between remote and I.D unit
08	8	Malfuction of Drain level control system
09	9	Address duplication improper setting SW03
0A	10	Address duplication improper setting SW02
20		Malfunction of O.D unit

Figure 126. Piping diagram (Slim duct indoor)

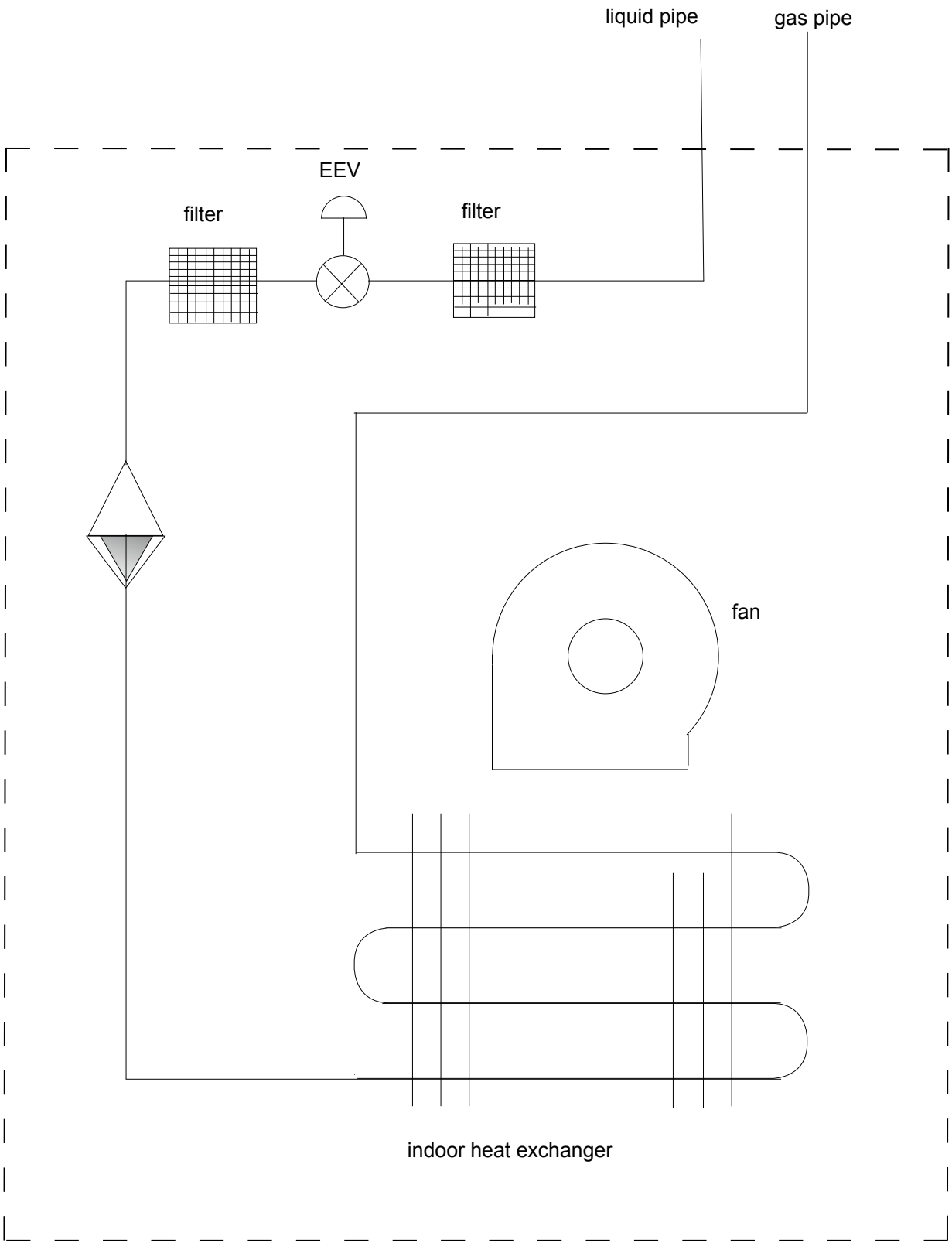
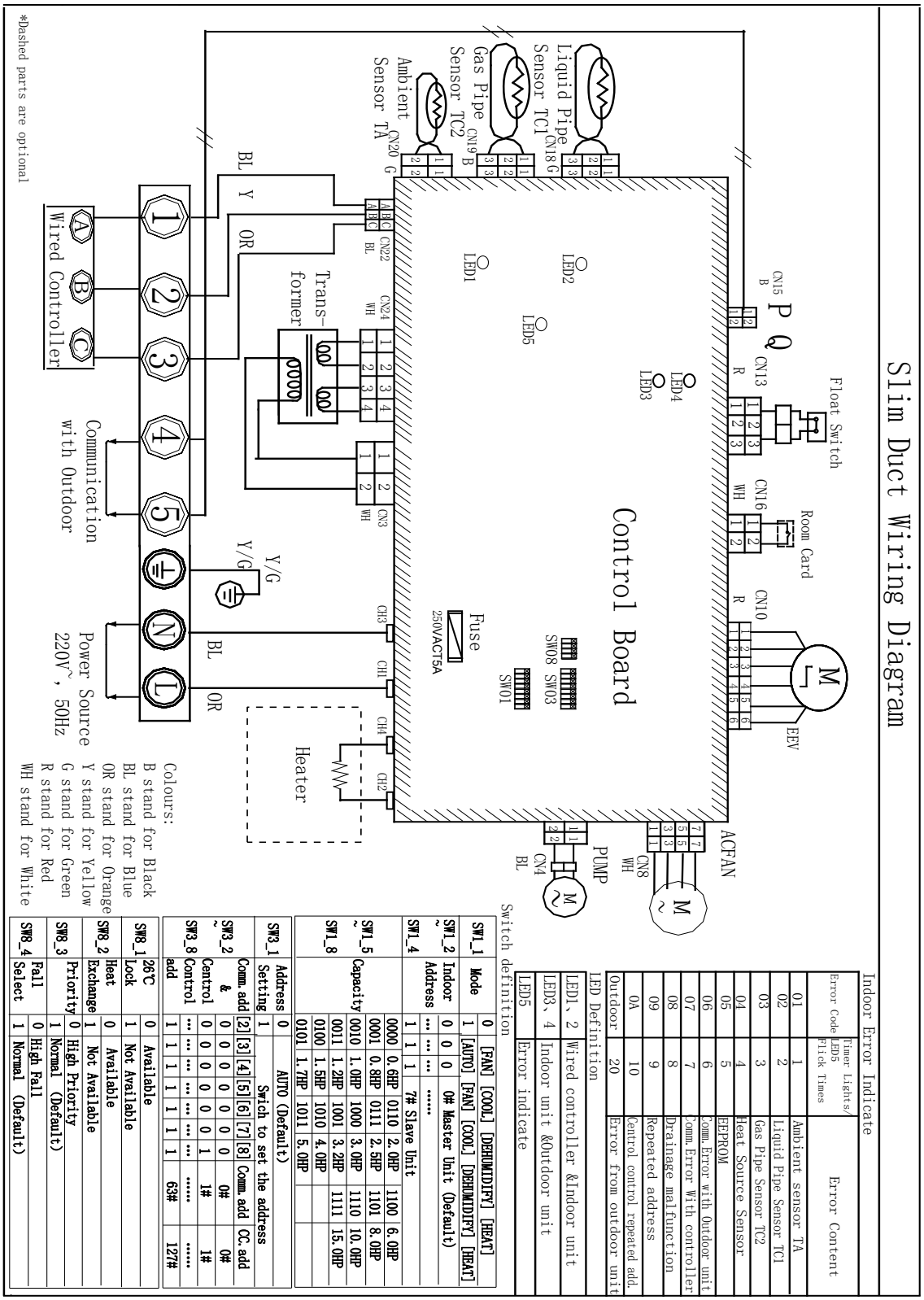


Figure 127. Wiring diagram(Slim duct indoor)



Indoor Error Indicate

Error Code / LED5 Flick Times / Timer Lights	Error Content
01	Ambient sensor TA
02	Liquid Pipe Sensor TC1
03	Gas Pipe Sensor TC2
04	Heat Source Sensor
05	EEPROM
06	Comm. Error with Outdoor unit
07	Comm. Error With controller
08	Drainage malfunction
09	Repeated address
0A	Control control repeated add.
Outdoor 20	Error from outdoor unit

LED Definition

LED1、2	Wired controller &Indoor unit
LED3、4	Indoor unit &Outdoor unit
LED5	Error indicate

Switch definition

SW1_1	Mode	0	[FAN] [COOL] [DEHUMIDIFY] [HEAT]																
		1	[AUTO] [FAN] [COOL] [DEHUMIDIFY] [HEAT]																
SW1_2	Indoor Address	0	0	0	0# Master Unit (Default)														
~		...	...	...	.....														
SW1_4		1	1	1	7# Slave Unit														
SW1_5	Capacity	0000	0.6HP	0110	2.0HP	1100	6.0HP												
~		0001	0.8HP	0111	2.5HP	1101	8.0HP												
SW1_8		0010	1.0HP	1000	3.0HP	1110	10.0HP												
		0011	1.2HP	1001	3.2HP	1111	15.0HP												
		0100	1.5HP	1010	4.0HP														
		0101	1.7HP	1011	5.0HP														

SW3_1	Address Setting	0	AUTO (Default)																
		1	Swich to set the address																
SW3_2 ~ SW3_8	Comm. add & Centrol add	[2]	[3]	[4]	[5]	[6]	[7]	[8]	Comm. add	CC. add									
		0	0	0	0	0	0	0	0#	0#									
		0	0	0	0	0	0	1	1#	1#									
		...	...	...	...	...	...	...	.....	.....									
		1	1	1	1	1	1	1	63#	127#									

SW8_1	26℃ Lock	0	Available
		1	Not Available
SW8_2	Heat Exchange	0	Available
		1	Not Available
SW8_3	Priority	0	High Priority
		1	Normal (Default)
SW8_4	Fall Select	0	High Fall
		1	Normal (Default)

Figure 128. Piping diagram (Medium ESP duct indoor)

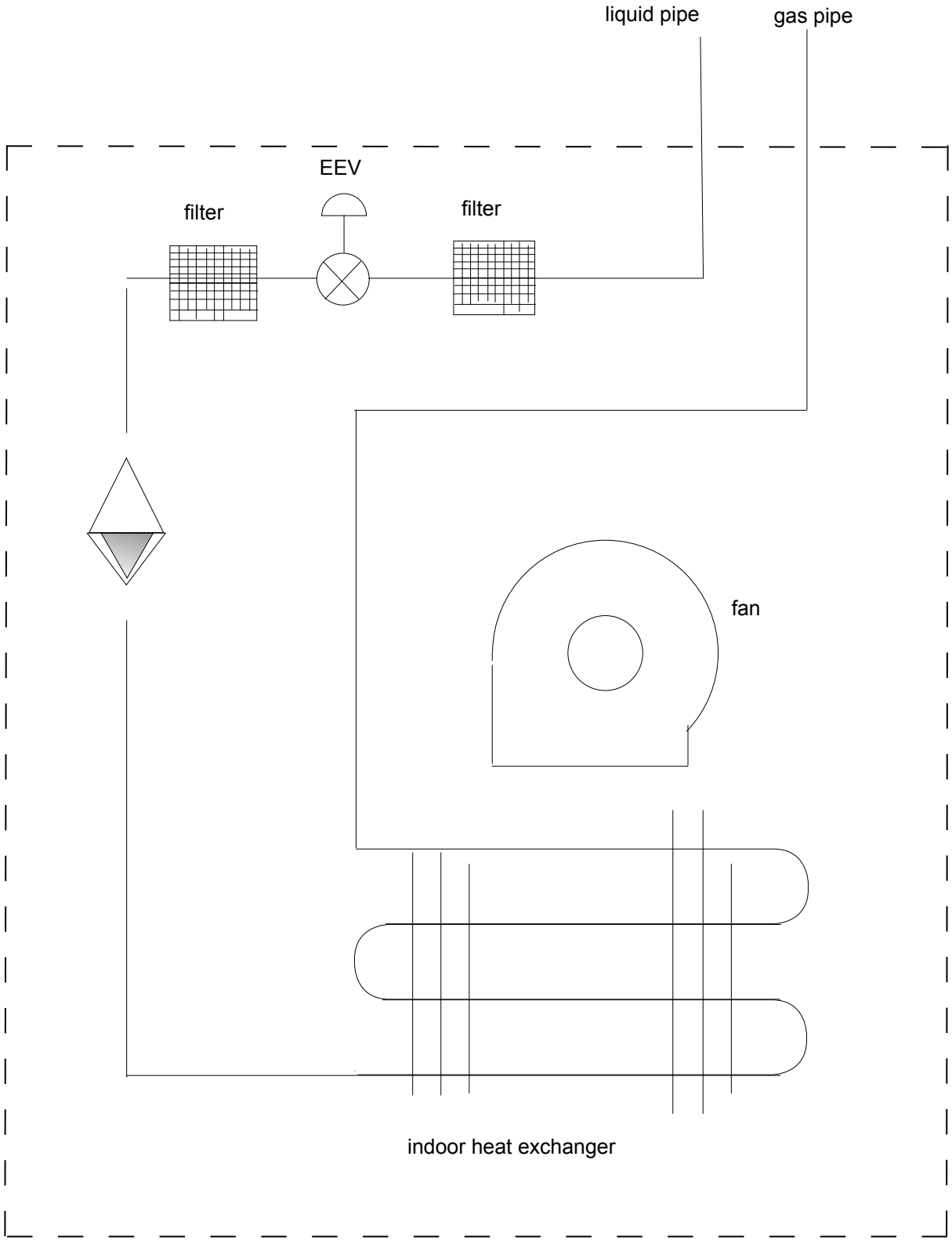
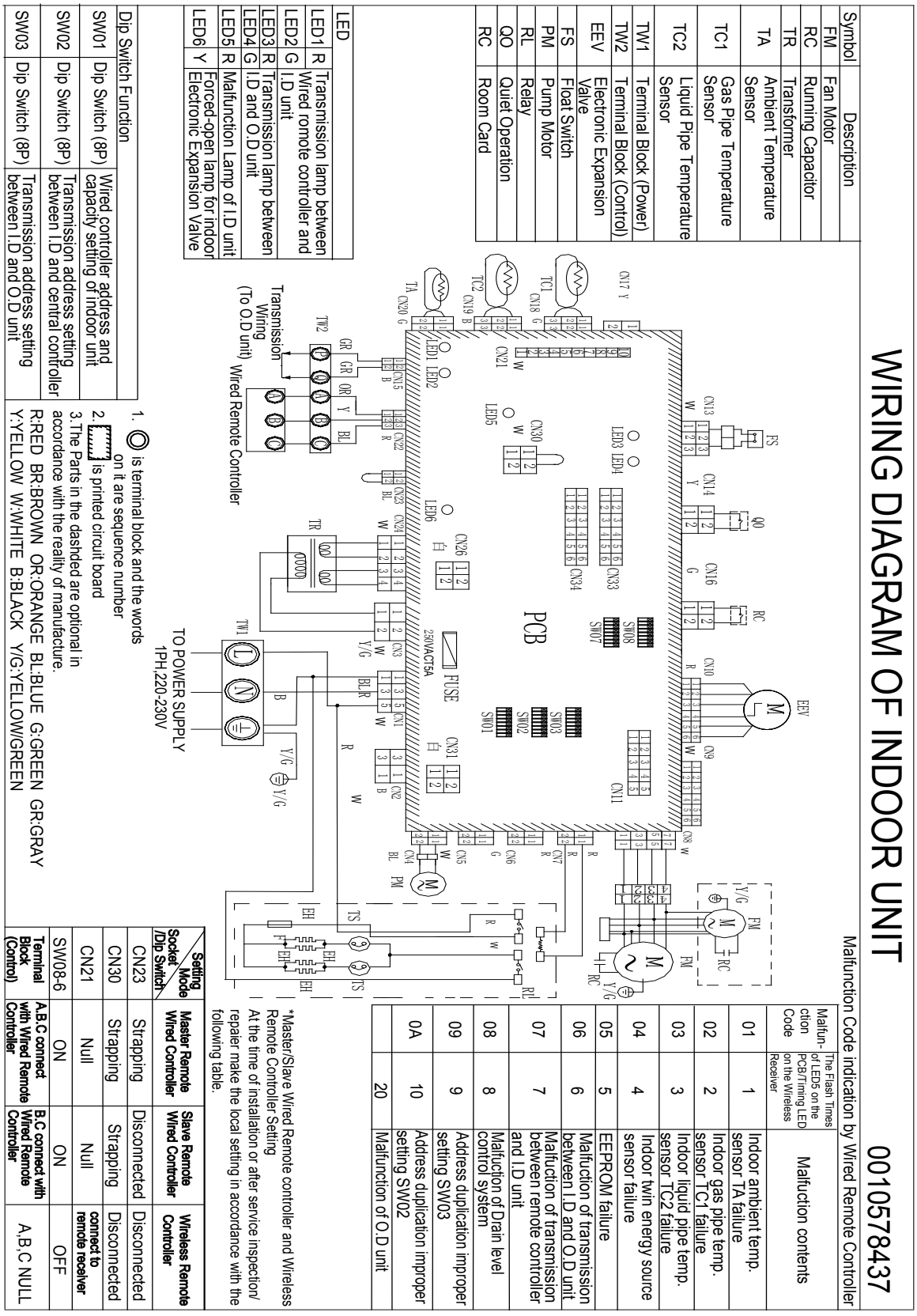


Figure 129. Wiring diagram (Medium ESP duct indoor)



Symbol	Description
FM	Fan Motor
RC	Running Capacitor
TR	Transformer
TA	Ambient Temperature Sensor
TC1	Gas Pipe Temperature Sensor
TC2	Liquid Pipe Temperature Sensor
TW1	Terminal Block (Power)
TW2	Terminal Block (Control)
EEV	Electronic Expansion Valve
FS	Float Switch
PM	Pump Motor
RL	Relay
QO	Quiet Operation
RC	Room Card

LED		
LED1	R	Transmission lamp between Wired romote controller and I.D unit
LED2	G	
LED3	R	Transmission lamp between I.D and O.D unit
LED4	G	
LED5	R	Malfunction Lamp of I.D unit
LED6	Y	Forced-open lamp for indoor Electronic Expansion Valve

Dip Switch Function	
SW01	Dip Switch (8P) Wired controller address and capacity setting of indoor unit
SW02	Dip Switch (8P) Transmission address setting between I.D and central controller
SW03	Dip Switch (8P) Transmission address setting between I.D and O.D unit

Malfunction Code indication by Wired Remote Controller

Malfunction Code	The Flash Times of LED5 on the PCB/Timing LED on the Wireless Receiver	Malfuction contents
01	1	Indoor ambient temp. sensor TA failure
02	2	Indoor gas pipe temp. sensor TC1 failure
03	3	Indoor liquid pipe temp. sensor TC2 failure
04	4	Indoor twin energy source sensor failure
05	5	EEPROM failure
06	6	Malfuction of transmission between I.D and O.D unit
07	7	Malfuction of transmission between remote controller and I.D unit
08	8	Malfuction of Drain level control system
09	9	Address duplication improper setting SW03
0A	10	Address duplication improper setting SW02
	20	Malfunction of O.D unit

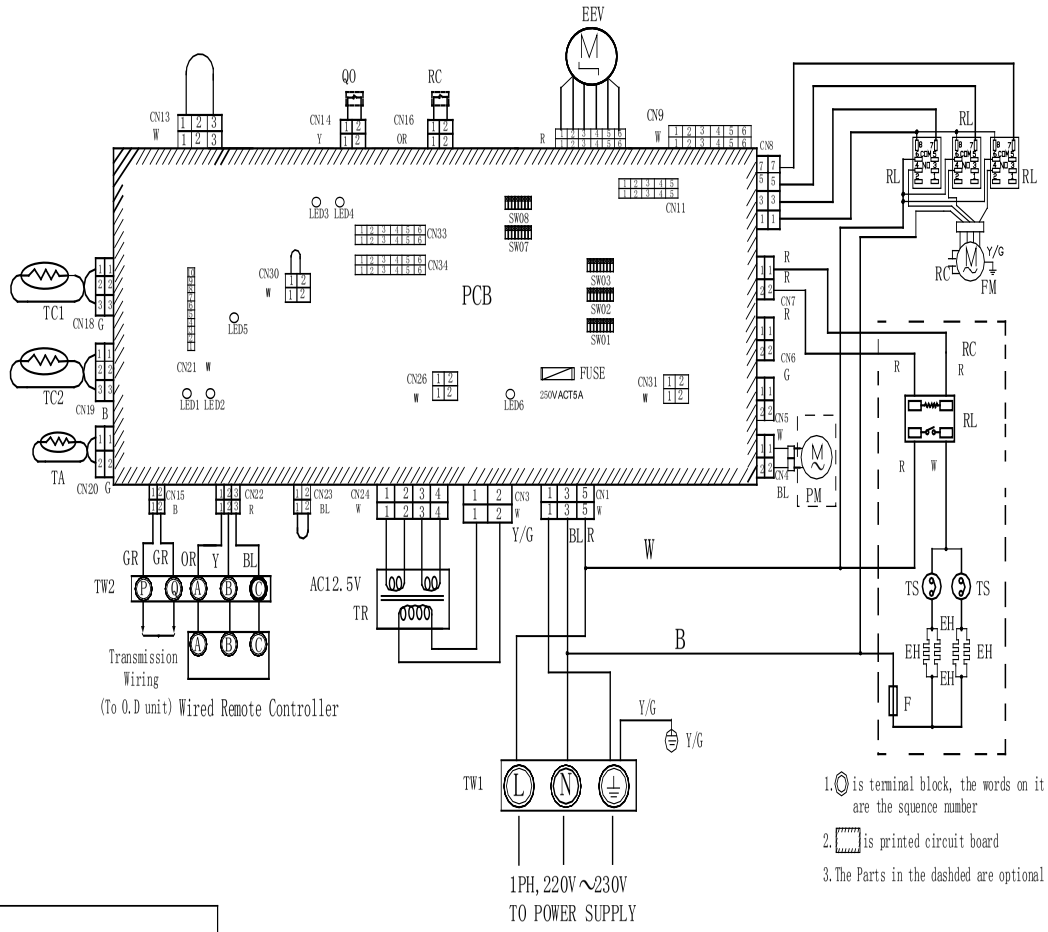
*Master/Slave Wired Remote controller and Wireless Remote Controller Setting
At the time of installation or after service inspection/ repaier make the local setting in accordance with the following table.

Setting Mode / Socket /Dip Switch	Master Remote Wired Controller	Slave Remote Wired Controller	Wireless Remote Controller
CN23	Strapping	Disconnected	Disconnected
CN30	Strapping	Strapping	Disconnected
CN21	Null	Null	connect to remote receiver
SW08-6	ON	ON	OFF
Terminal Block (Control)	A.B.C connect with Wired Remote Controller	B.C connect with Wired Remote Controller	A,B,C NULL

WIRING DIAGRAM OF INDOOR UNIT

0150507120

Symbol	Description
FM	Fan Motor
RC	Running Capacitor
TR	Transformer
TA	Ambient Temperature Sensor
TC1	Gas Pipe Temperature Sensor
TC2	Liquid Pipe Temperature Sensor
TW1	Terminal block (Power)
TW2	Terminal block (Control)
EEV	Electronic Expansion Valve
FS	Float Switch
PM	Pump Motor
RL	Relay
QO	Quiet Operation
RC	Room Card



LED		
LED1	R	Transmission Lamp between Wired remote controller and I.D Unit
LED2	G	
LED3	R	Transmission Lamp between I.D and O.D unit
LED4	G	
LED5	R	Malfuction lamp for I.D unit
LED6	Y	Forced-open lamp for indoor Electronic Expansion Valve

Dip Switch Function		
SW01	Dip switch (8P)	Wired controller address and capacity setting of indoor unit
SW02	Dip switch (8P)	Transmission address setting between I.D and central controller
SW03	Dip switch (8P)	Transmission address setting between I.D and O.D unit

Malfunction Code indication by Wired Remote Controller

Malfuction Code	The Flash Times of LED5 on the the PCB/Timing LED on the Wireless Receiver	Malfuction Contents
01	1	Indoor ambient temp. sensor TA failure
02	2	Indoor gas pipe temp. sensor TC1 failure
03	3	Indoor liquid pipe temp. sensor TC2 failure
04	4	Indoor twin energy source sensor failure
05	5	EEPROM failure
06	6	Malfuction of transmission between I.D and O.D unit
07	7	Malfuction of transmission between rmote Controller and I.D unit
08	8	Malfuction of Drain level control system
09	9	Address duplication improper setting SW03
0A	10	Address duplication improper setting SW02
	20	Malfunction of O.D unit

*Master/Slave Wired Remote controller and Wireless Remote Setting At the time of installation or after service inspection/repaier make the local setting in accrodance with the following table

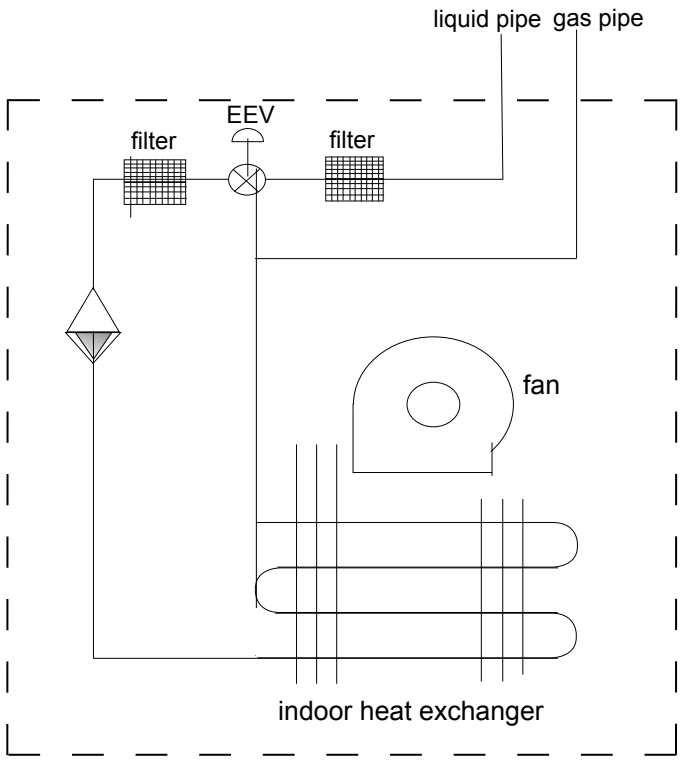
Setting Mode / Socket (Dip switch)	Master Remote Wired Controller	Slave Remote Wired Controller	Wireless Remote Controller
CN23	Strapping	Disconnected	Disconnected
CN30	Strapping	Strapping	Disconnected
CN21	Null	Null	Connect to remote receiver
SW08-6	ON	ON	OFF
Terminal Block (Control)	A.B.C connect with Wired Remote Controller	B.C connect with Wired Remote Controller	A, B, C Null

1. ◎ is terminal block, the words on it are the squence number
2. ▭ is printed circuit board
3. The Parts in the dashded are optional in

R:RED BR:BROWN OR:ORANGE BL:BLUE G:GREEN GR:GRAY
Y:YELLOW W:WHITE B:BLACK Y/G:YELLOW/GREEN

Figure 130. Piping diagram (High ESP duct indoor)

YVGVXH056~140WAR--GX



YVGVXH226~280WAR--GX

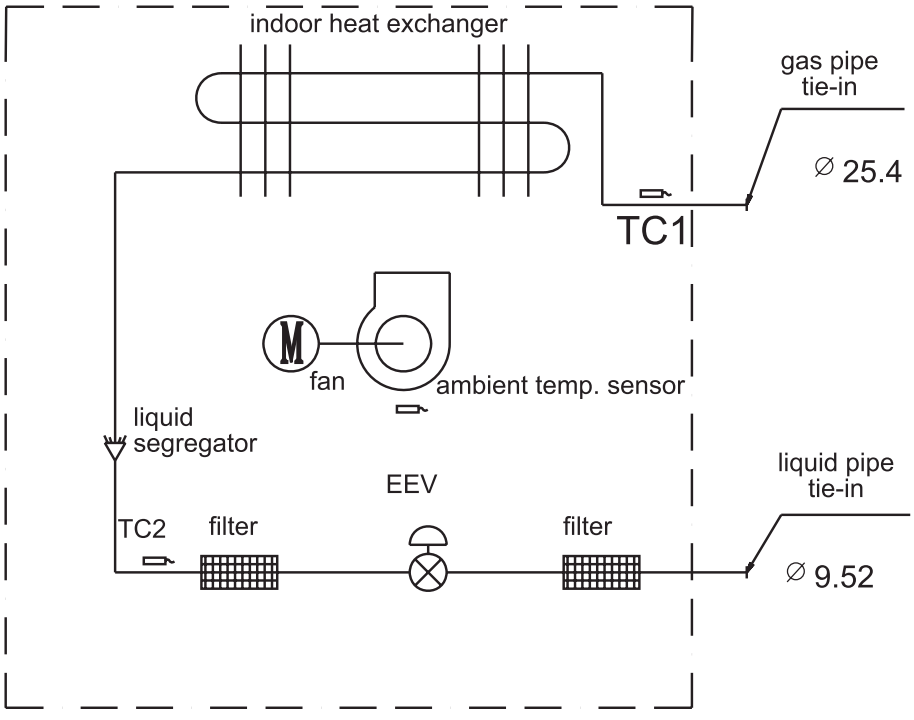


Figure 131. Wiring diagram (High ESP duct indoor)

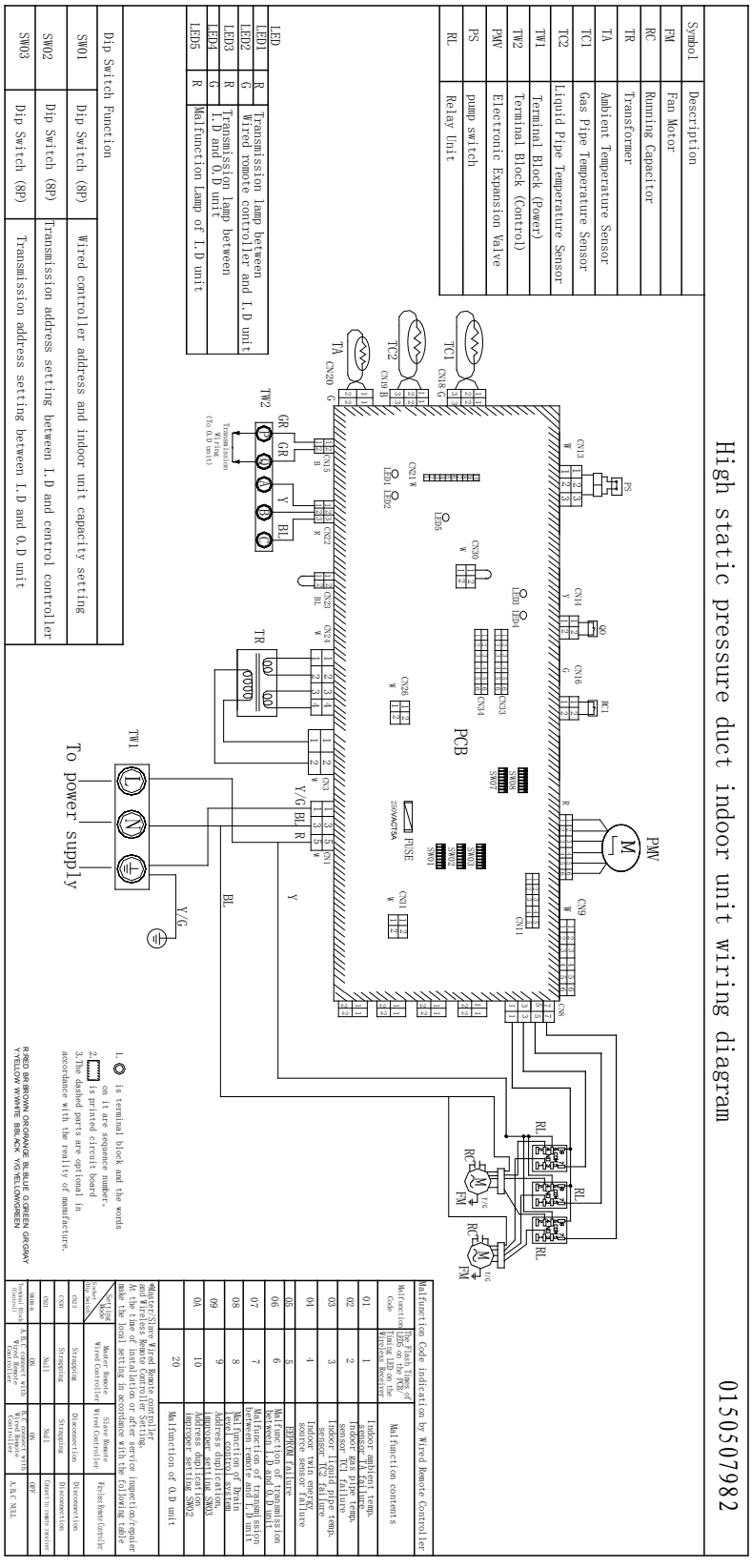
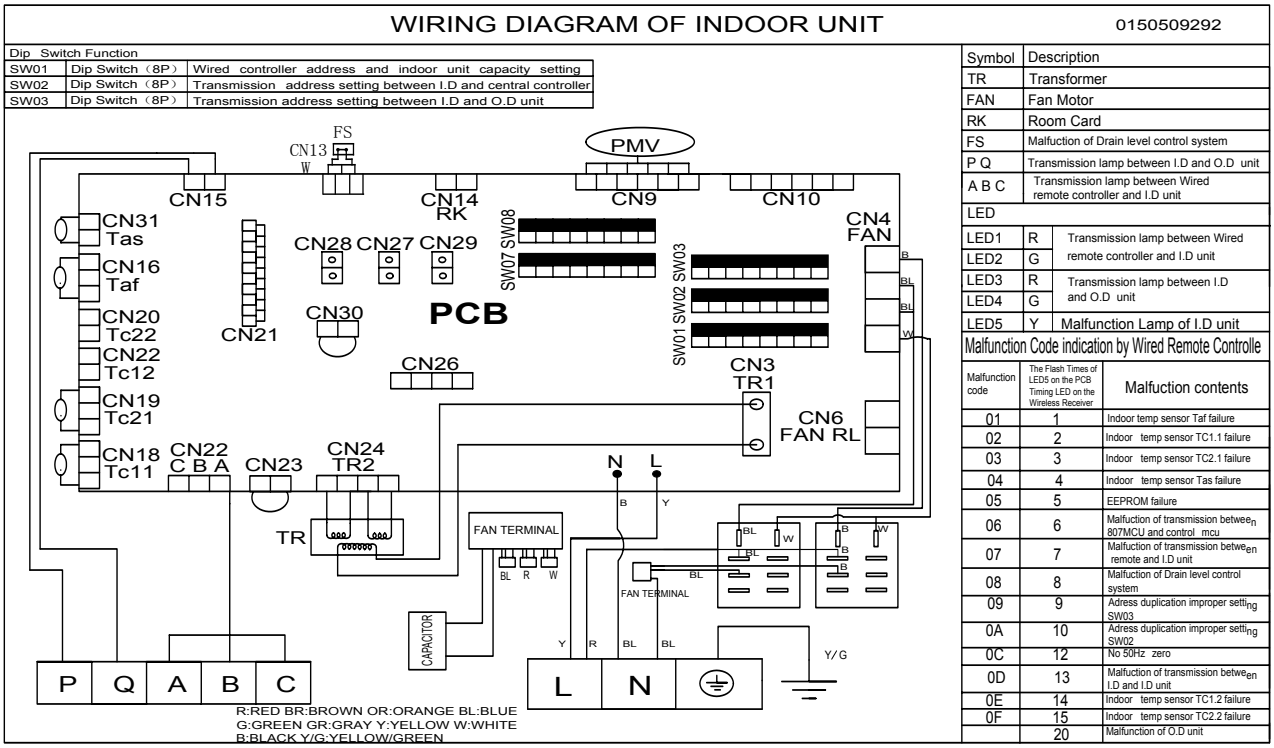


Figure 132. Wiring diagram (Fresh air type indoor)

YV4VXH140WAR--GX

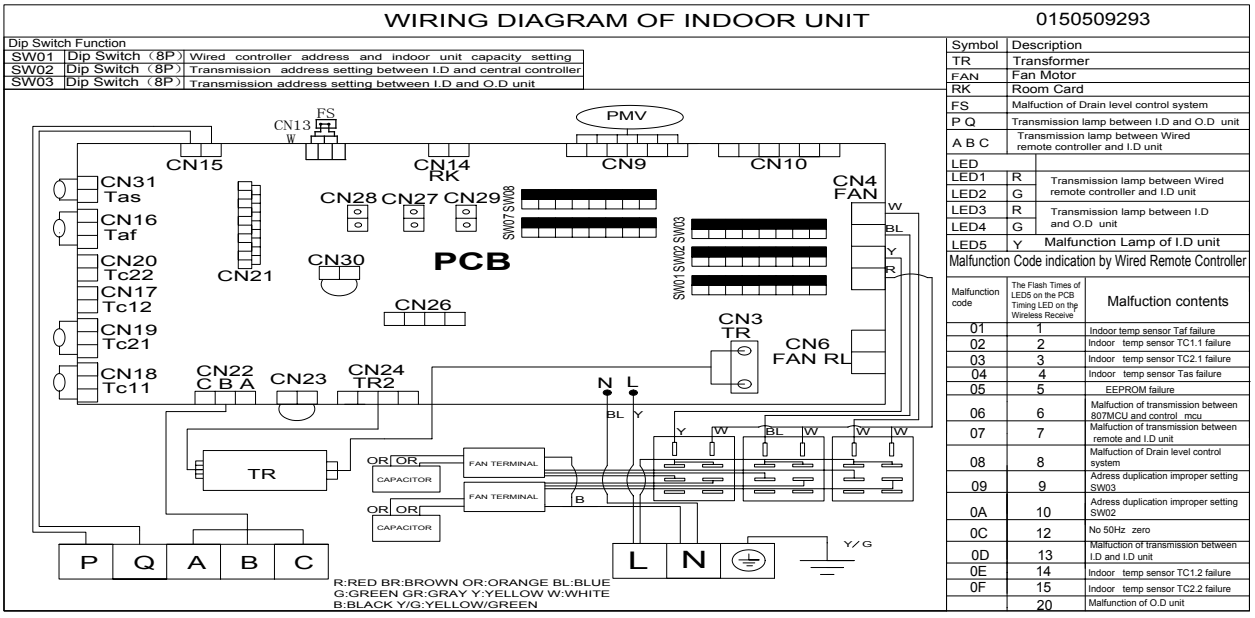


Symbol	Description
TR	Transformer
FAN	Fan Motor
RK	Room Card
FS	Malfuction of Drain level control system
P Q	Transmission lamp between I.D and O.D unit
A B C	Transmission lamp between Wired remote controller and I.D unit
LED	
LED1 R	Transmission lamp between Wired remote controller and I.D unit
LED2 G	
LED3 R	Transmission lamp between I.D and O.D unit
LED4 G	
LED5 Y	Malfunction Lamp of I.D unit

Malfunction Code indication by Wired Remote Controlle

Malfunction code	The Flash Times of LED5 on the PCB Timing LED on the Wireless Receiver	Malfuction contents
01	1	Indoor temp sensor Taf failure
02	2	Indoor temp sensor TC1.1 failure
03	3	Indoor temp sensor TC2.1 failure
04	4	Indoor temp sensor Tas failure
05	5	EEPROM failure
06	6	Malfuction of transmission betwee n 807MCU and control mcu
07	7	Malfuction of transmission betwe en remote and I.D unit
08	8	Malfuction of Drain level control system
09	9	Adress duplication improper setti ng SW03
0A	10	Adress duplication improper setti ng SW02
0C	12	No 50Hz zero
0D	13	Malfuction of transmission betwe en I.D and I.D unit
0E	14	Indoor temp sensor TC1.2 failure
0F	15	Indoor temp sensor TC2.2 failure
	20	Malfuction of O.D unit

YV4VXH226/280WAR--GX



Symbol	Description
TR	Transformer
FAN	Fan Motor
RK	Room Card
FS	Malfuction of Drain level control system
P Q	Transmission lamp between I.D and O.D unit
A B C	Transmission lamp between Wired remote controller and I.D unit
LED	
LED1 R	Transmission lamp between Wired remote controller and I.D unit
LED2 G	
LED3 R	Transmission lamp between I.D and O.D unit
LED4 G	
LED5 Y	Malfunction Lamp of I.D unit

Malfunction Code indication by Wired Remote Controller

Malfunction code	The Flash Times of LED5 on the PCB Timing LED on the Wireless Receiver	Malfuction contents
01	1	Indoor temp sensor Taf failure
02	2	Indoor temp sensor TC1.1 failure
03	3	Indoor temp sensor TC2.1 failure
04	4	Indoor temp sensor Tas failure
05	5	EEPROM failure
06	6	Malfuction of transmission between 807MCU and control mcu
07	7	Malfuction of transmission between remote and I.D unit
08	8	Malfuction of Drain level control system
09	9	Adress duplication improper setting SW03
0A	10	Adress duplication improper setting SW02
0C	12	No 50Hz zero
0D	13	Malfuction of transmission between I.D and I.D unit
0E	14	Indoor temp sensor TC1.2 failure
0F	15	Indoor temp sensor TC2.2 failure
	20	Malfuction of O.D unit

Figure 133. Wiring diagram (HRV indoor)

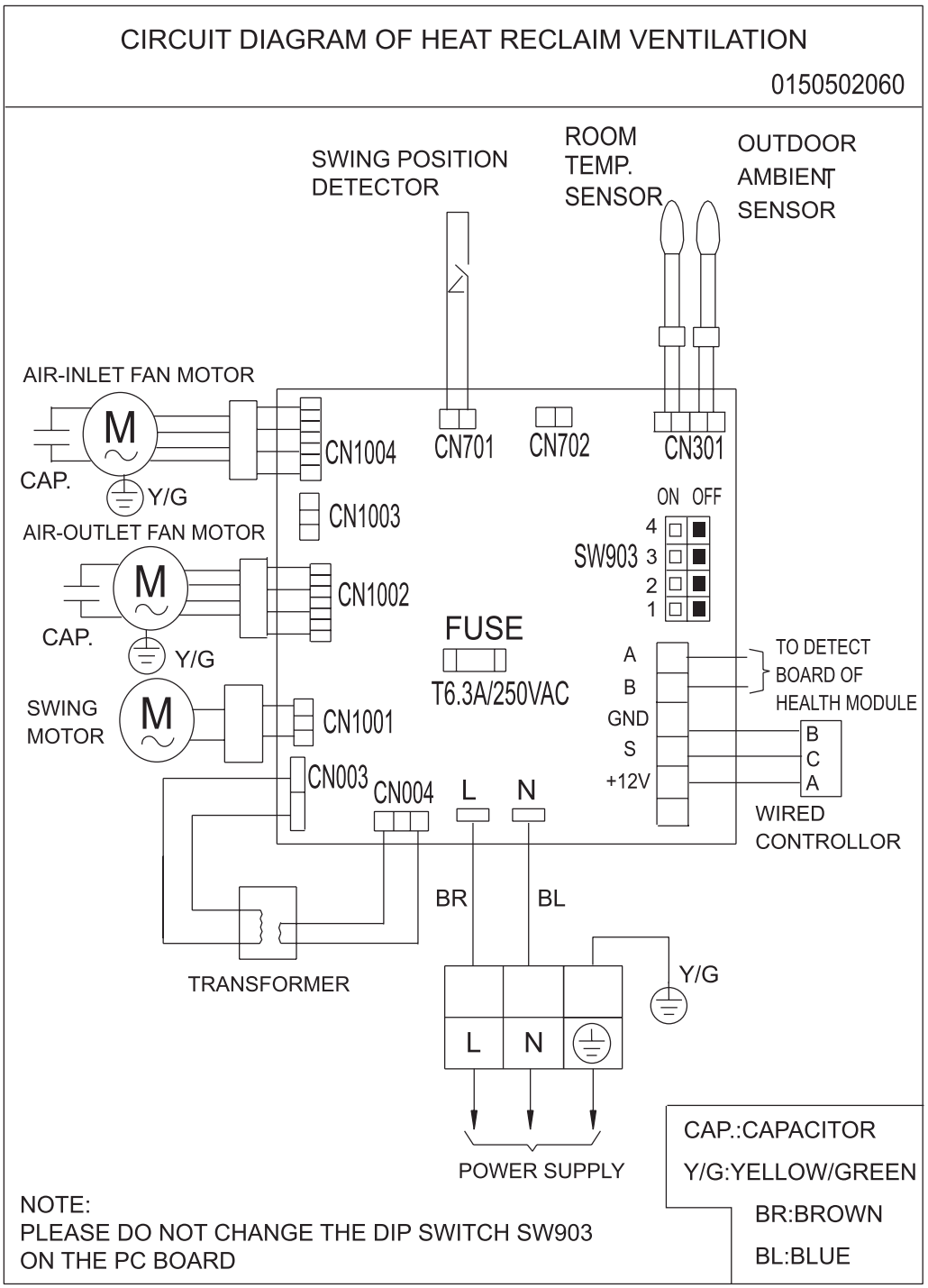
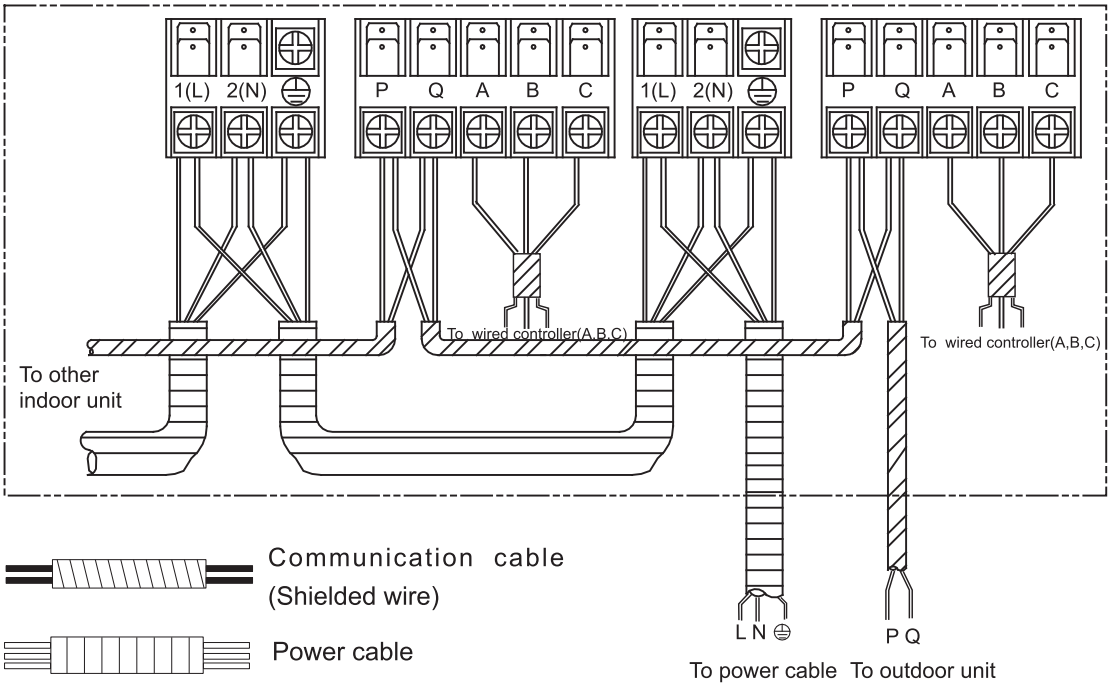
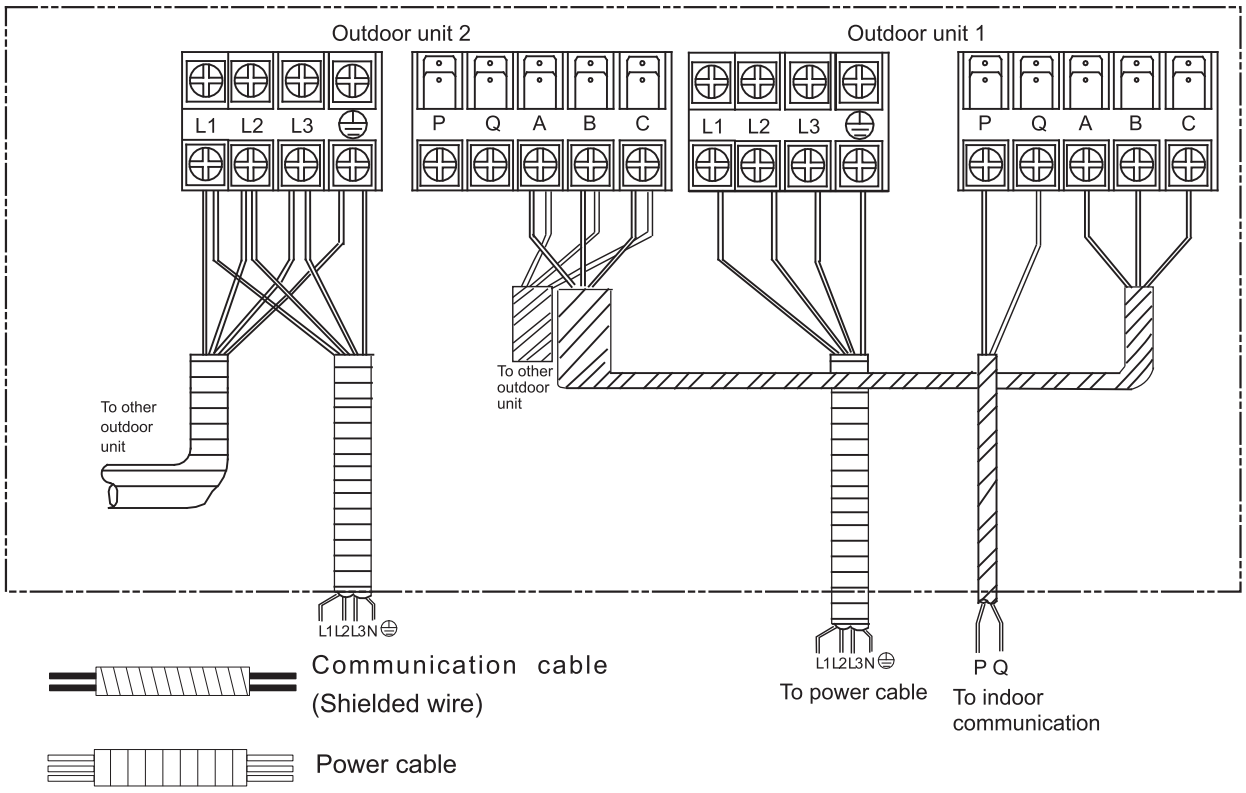


Figure 134. Wiring of indoor unit and outdoor unit (for example)

8.3. Wiring of indoor units (for example)



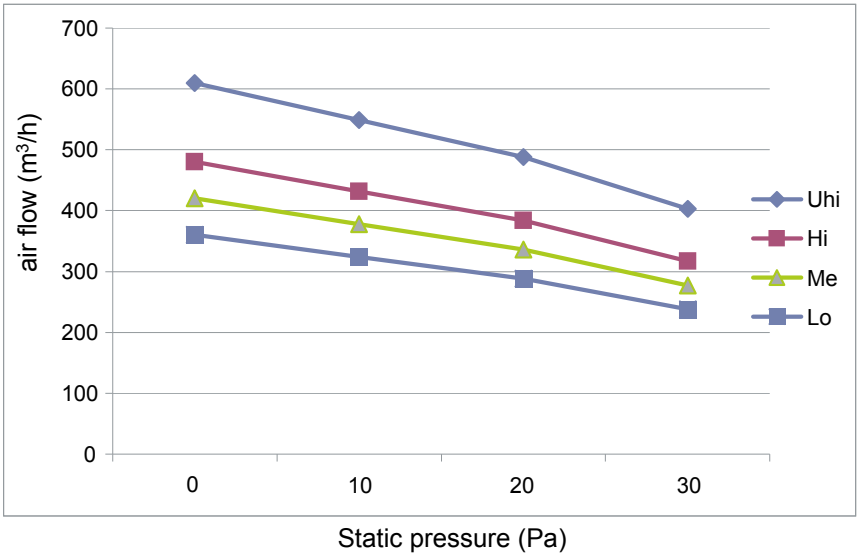
8.4. Wiring of outdoor units (for example)



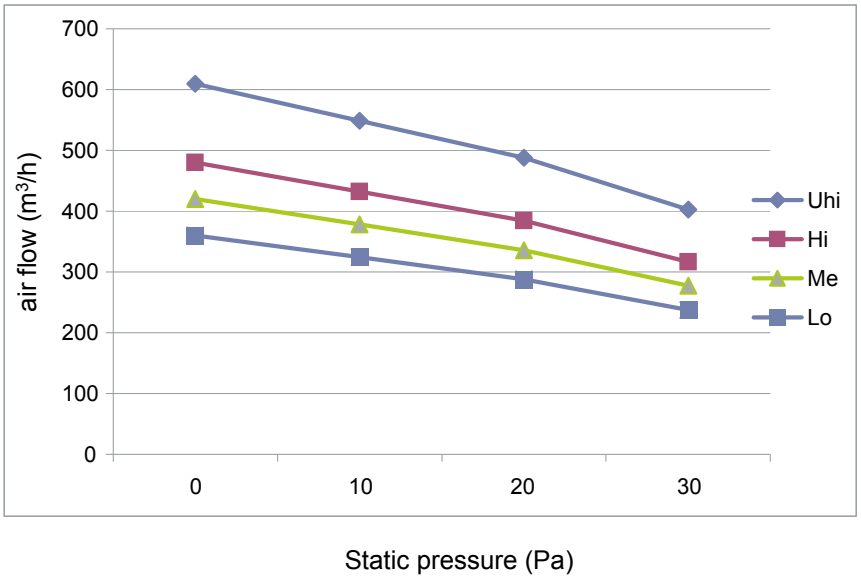
Appendix I Air flow and static pressure curves

Figure 135. Slim duct air flow and static pressure curves

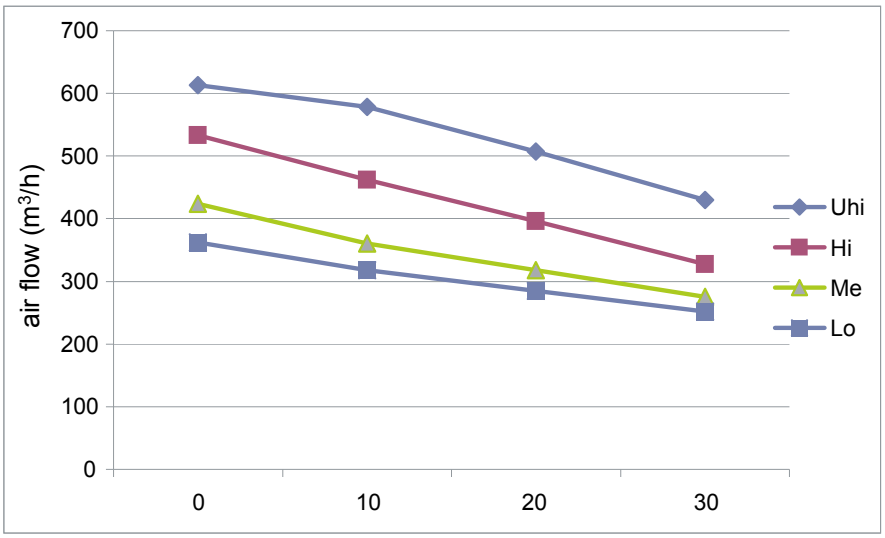
YV3VXH022WAR--GX air flow and static pressure curves



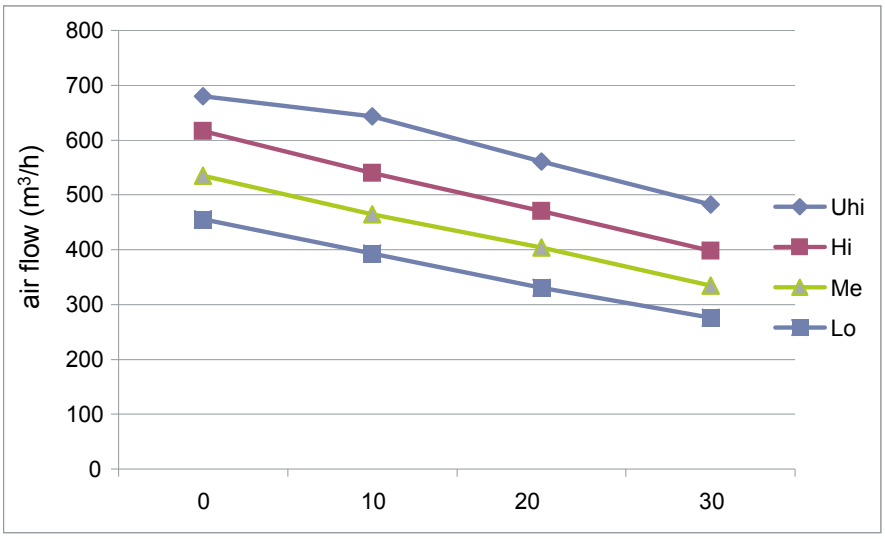
YV3VXH028WAR--GX air flow and static pressure curves



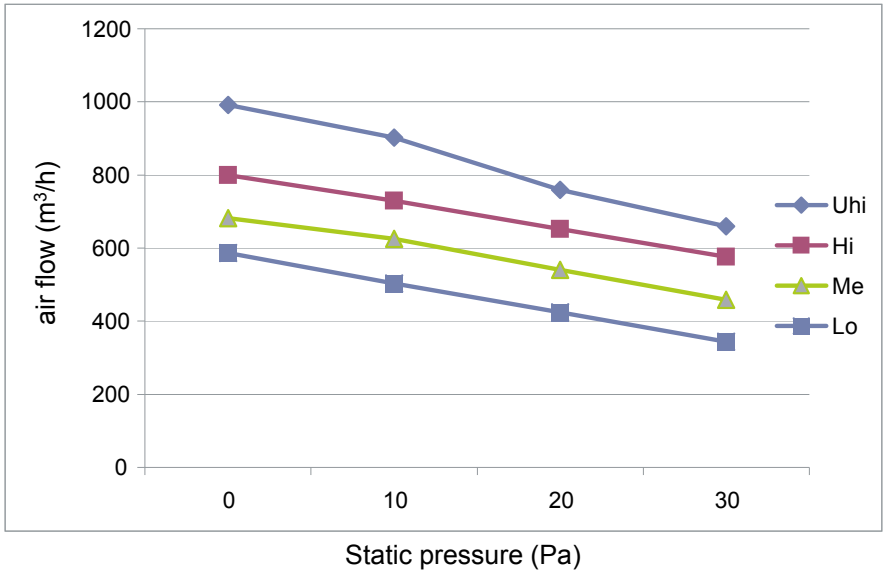
YV3VXH036WAR--GX air flow and static pressure curves



YV3VXH045WAR--GX air flow and static pressure curves



YV3VXH056WAR--GX air flow and static pressure curves



YV3VXH071WAR--GX air flow and static pressure curves

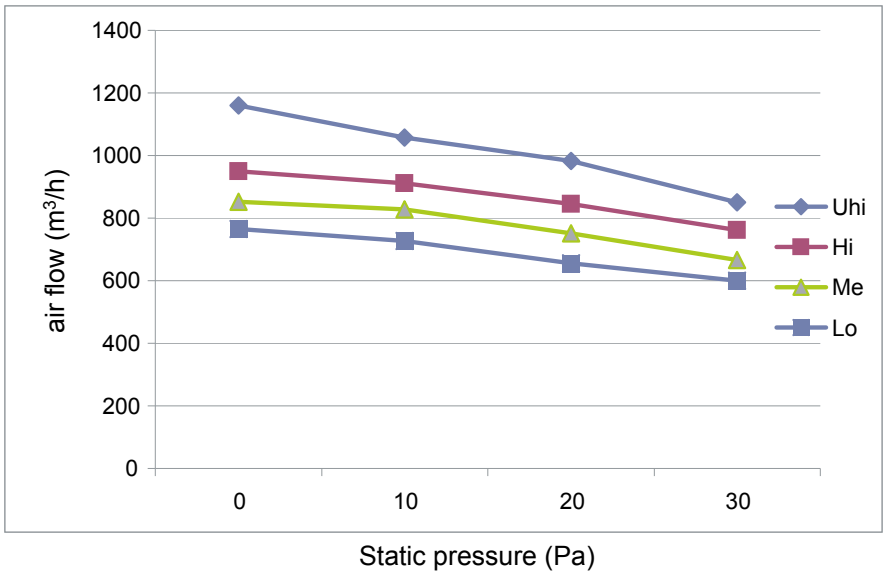
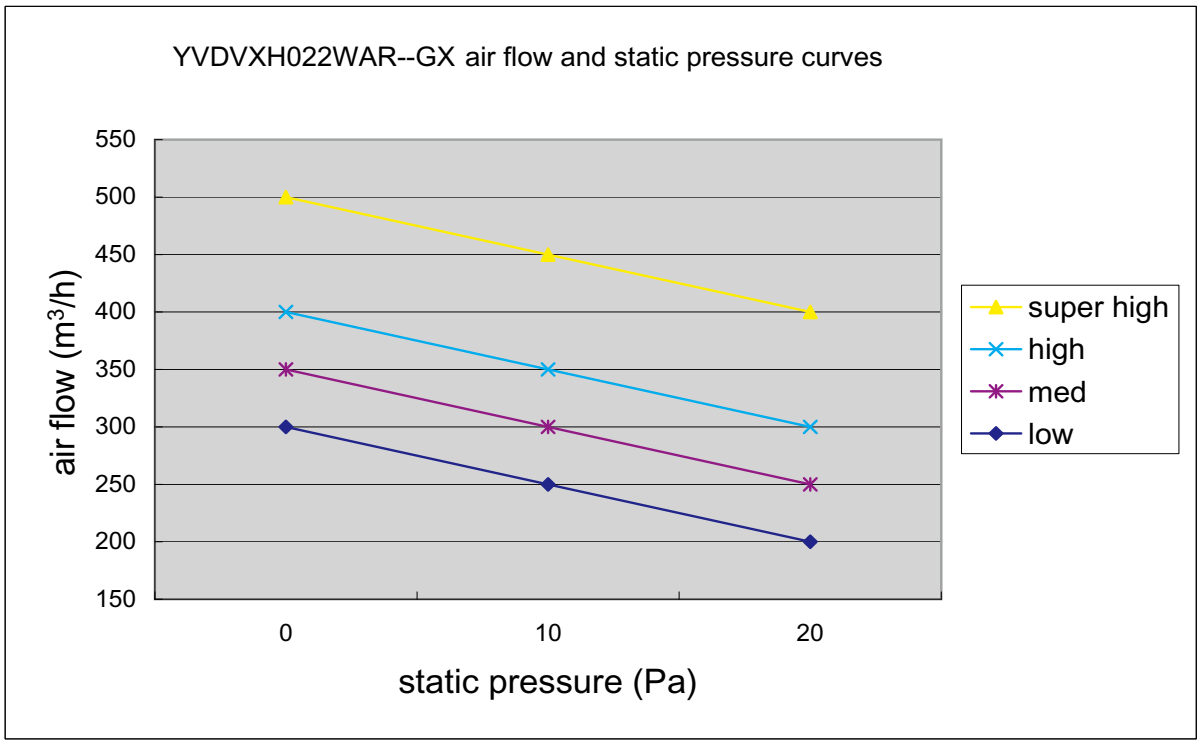
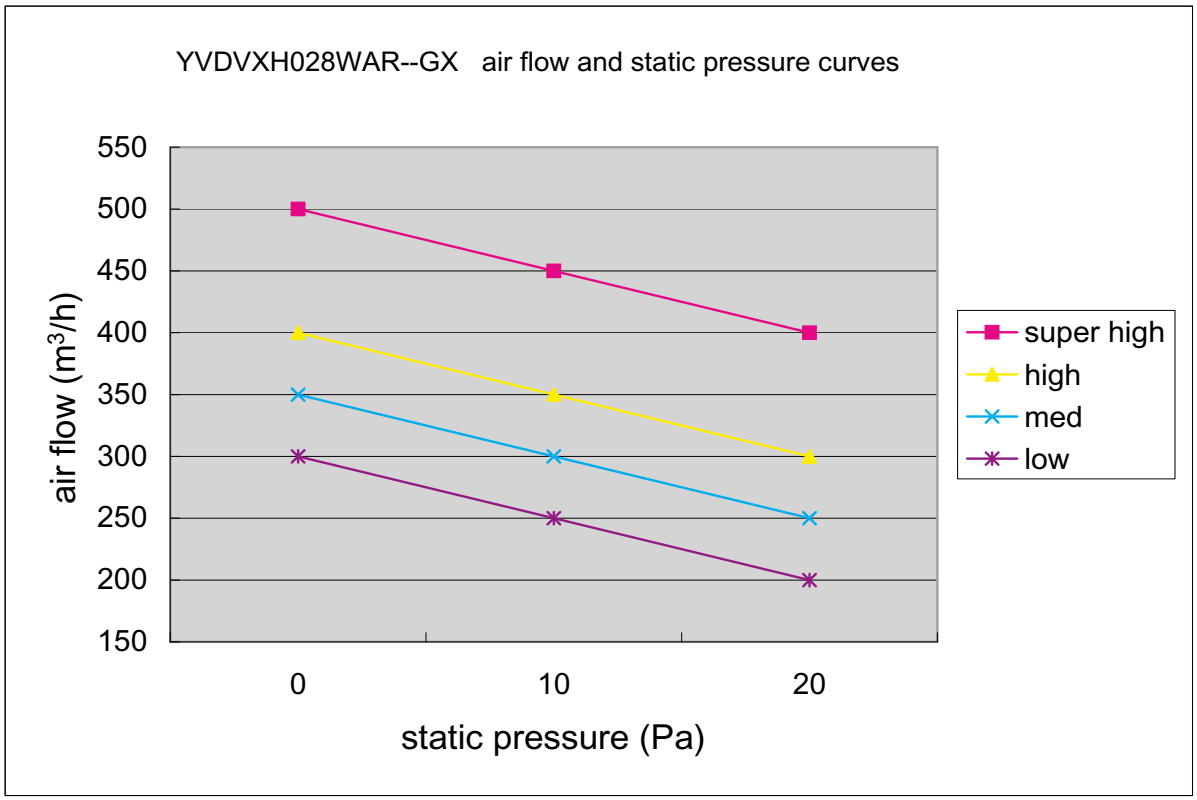
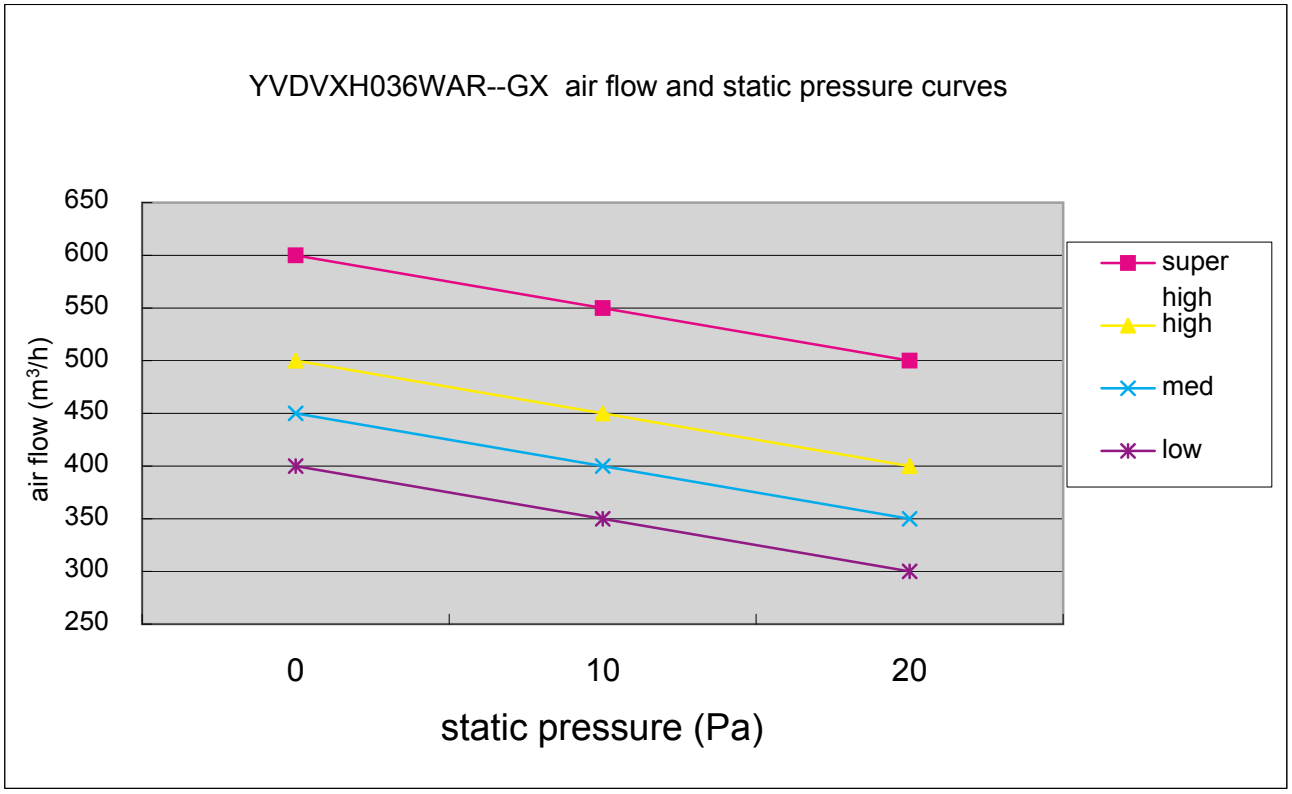
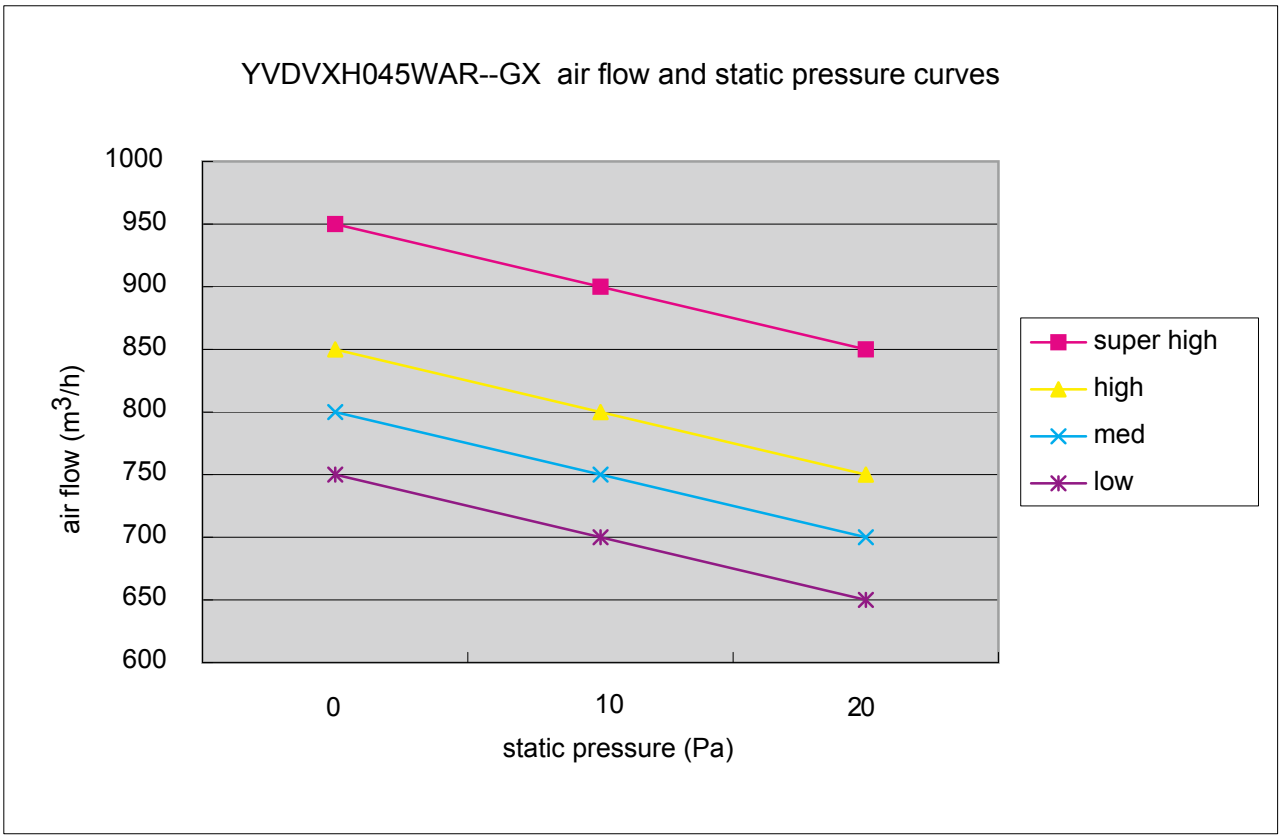


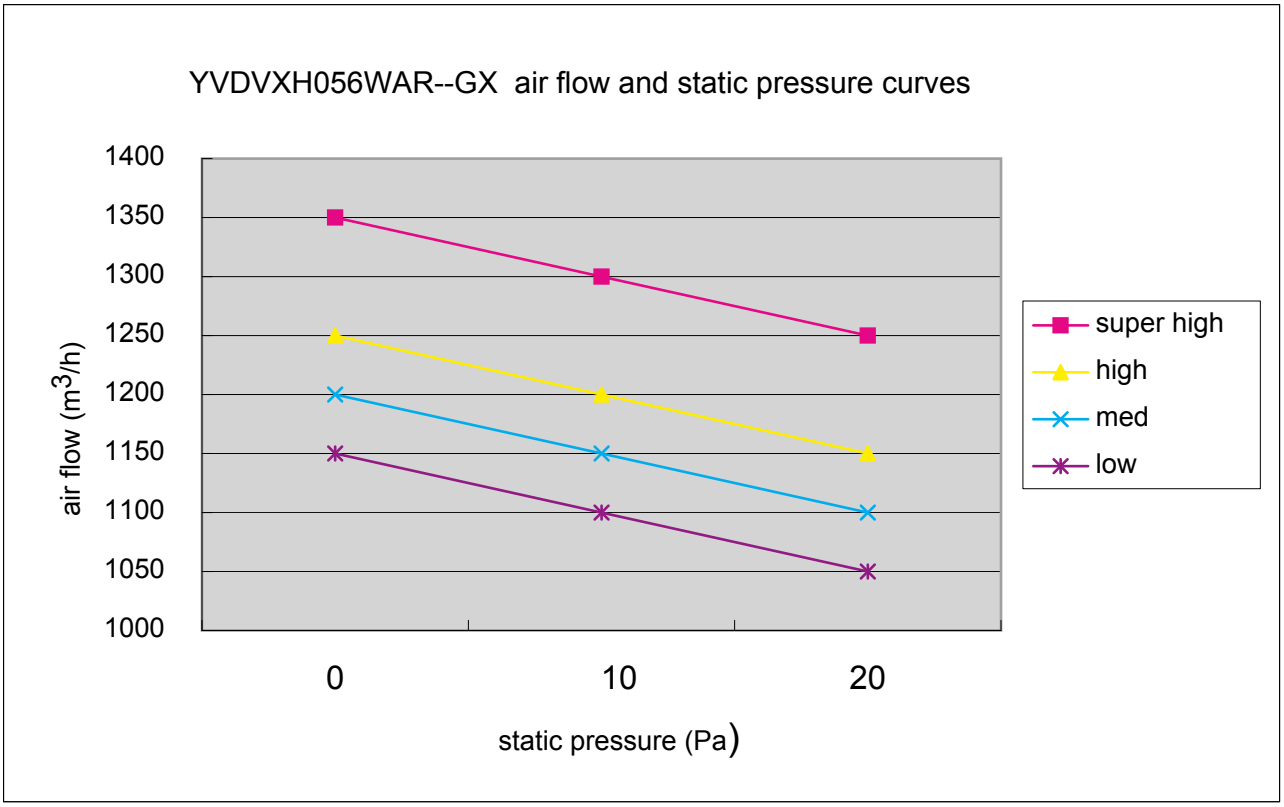
Figure 136. Low ESP duct air flow and static pressure curves






YVDVXH036WAR--GX air flow and static pressure curves
air flow (m3/h)
650
600
550
500
450
400
350
300
250
0
10
20
static pressure (Pa)
super high
high
med
low


YVDVXH045WAR--GX air flow and static pressure curves
air flow (m3/h)
1000
950
900
850
800
750
700
650
600
0
10
20
static pressure (Pa)
super high
high
med
low


YVDVXH056WAR--GX air flow and static pressure curves
1400
1350
1300
1250
1200
1150
1100
1050
1000
air flow (m3/h)
0
10
20
static pressure (Pa)
super high
high
med
low

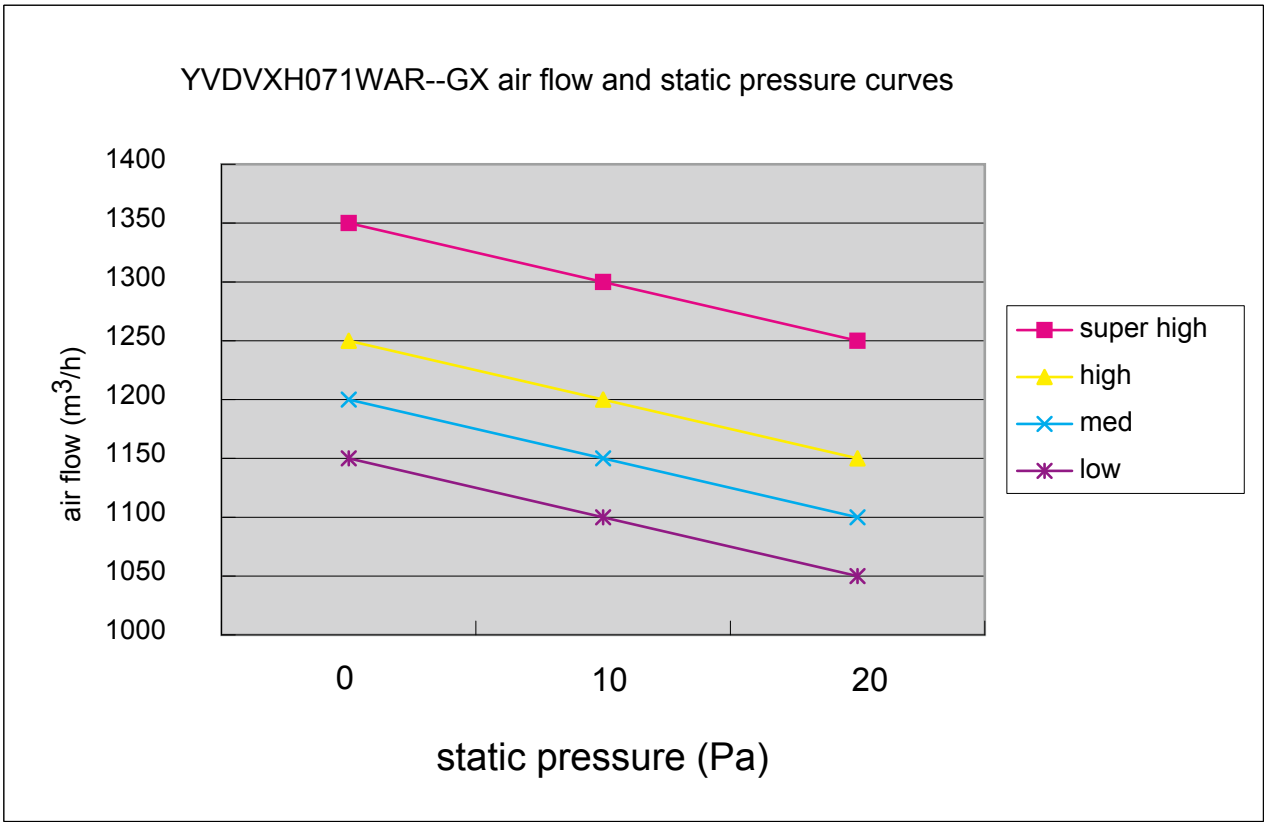
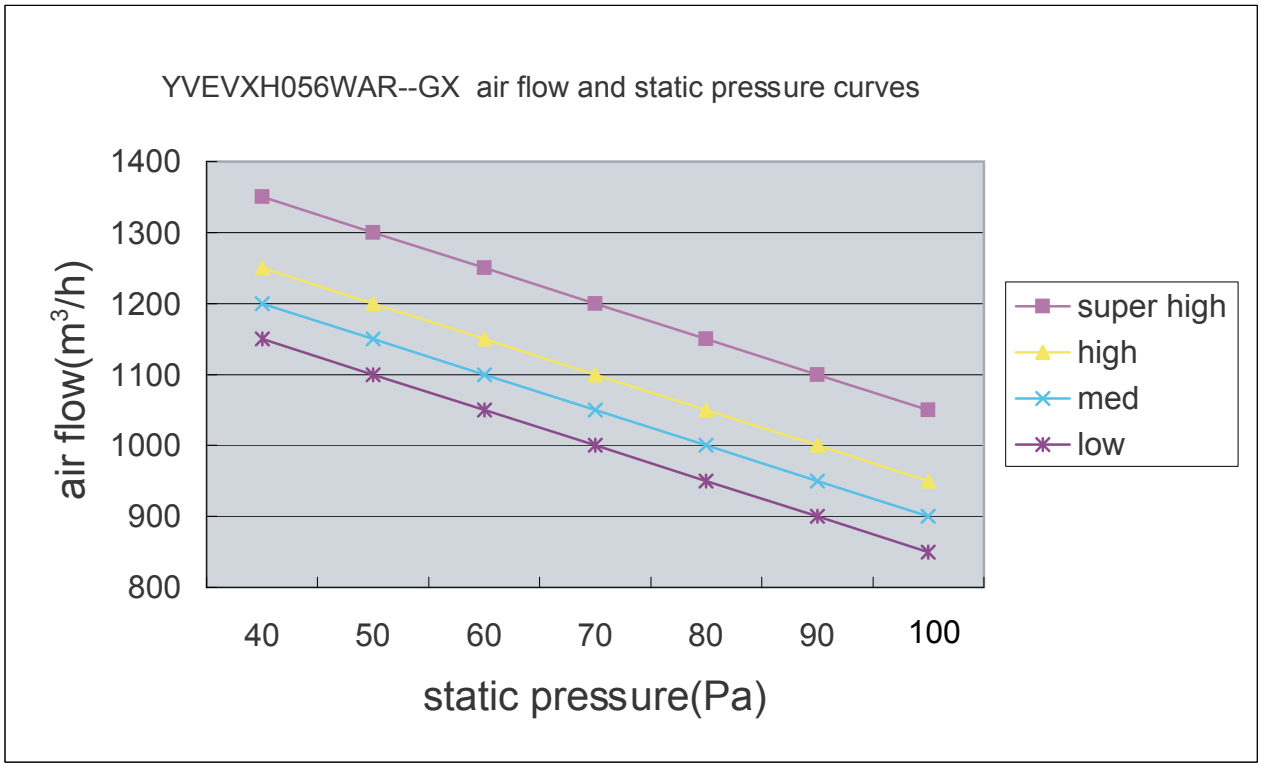
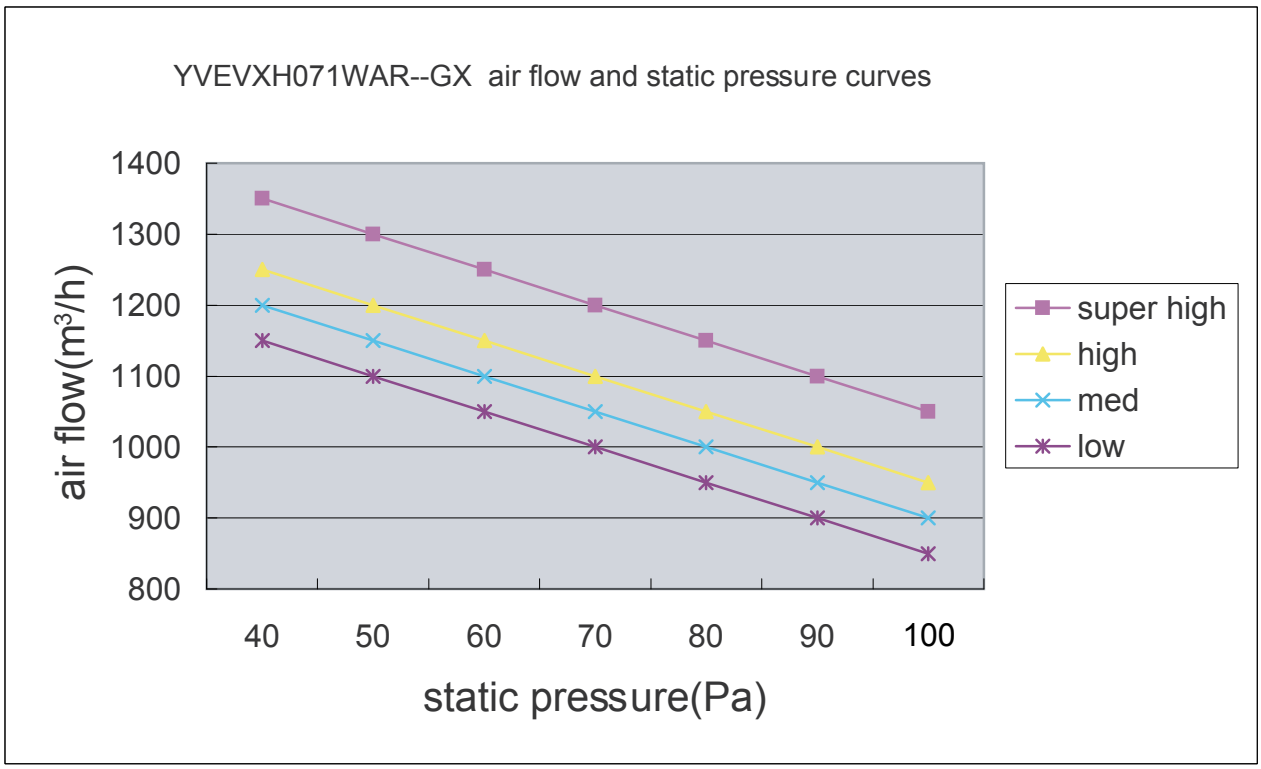
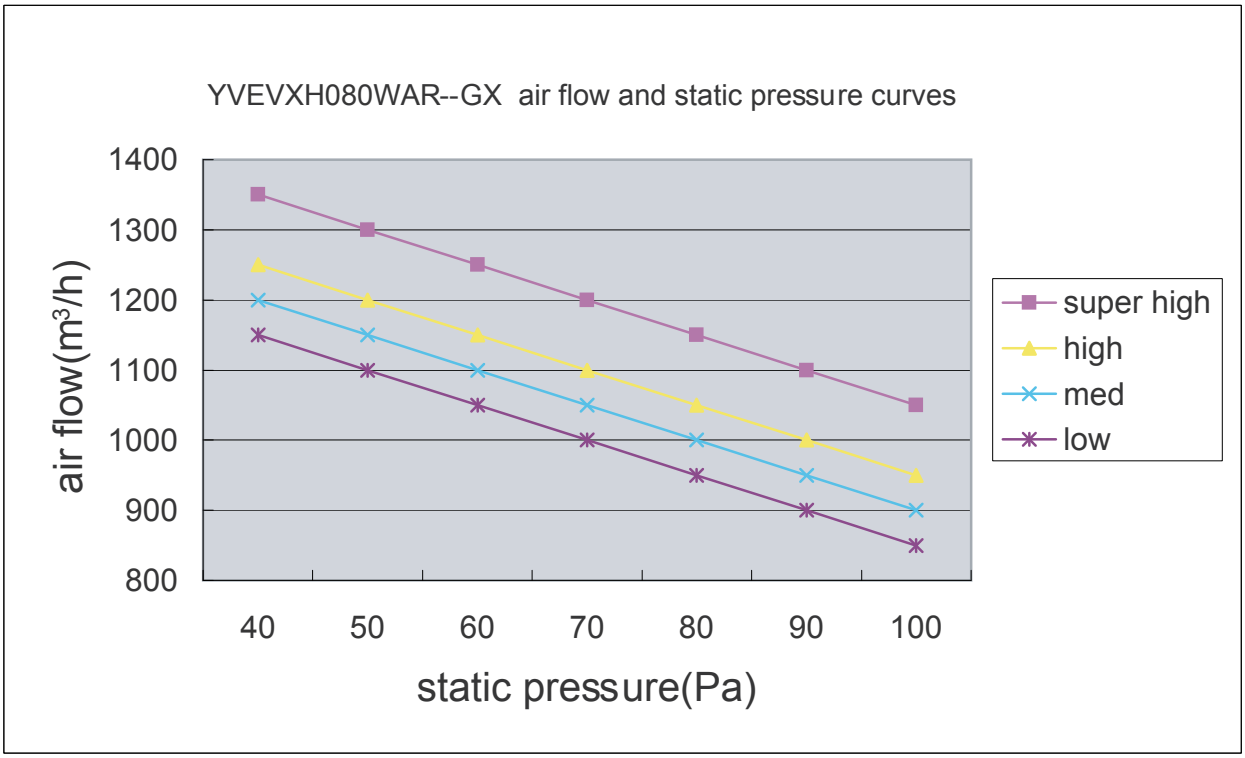

YVDVXH071WAR--GX air flow and static pressure curves
1400
1350
1300
1250
1200
1150
1100
1050
1000
air flow (m3/h)
0
10
20
static pressure (Pa)
super high
high
med
low

Figure 137. Medium ESP duct air flow and static pressure curves






YVEVXH080WAR--GX air flow and static pressure curves
air flow(m³/h)
1400
1300
1200
1100
1000
900
800
40
50
60
70
80
90
100
static pressure(Pa)
super high
high
med
low

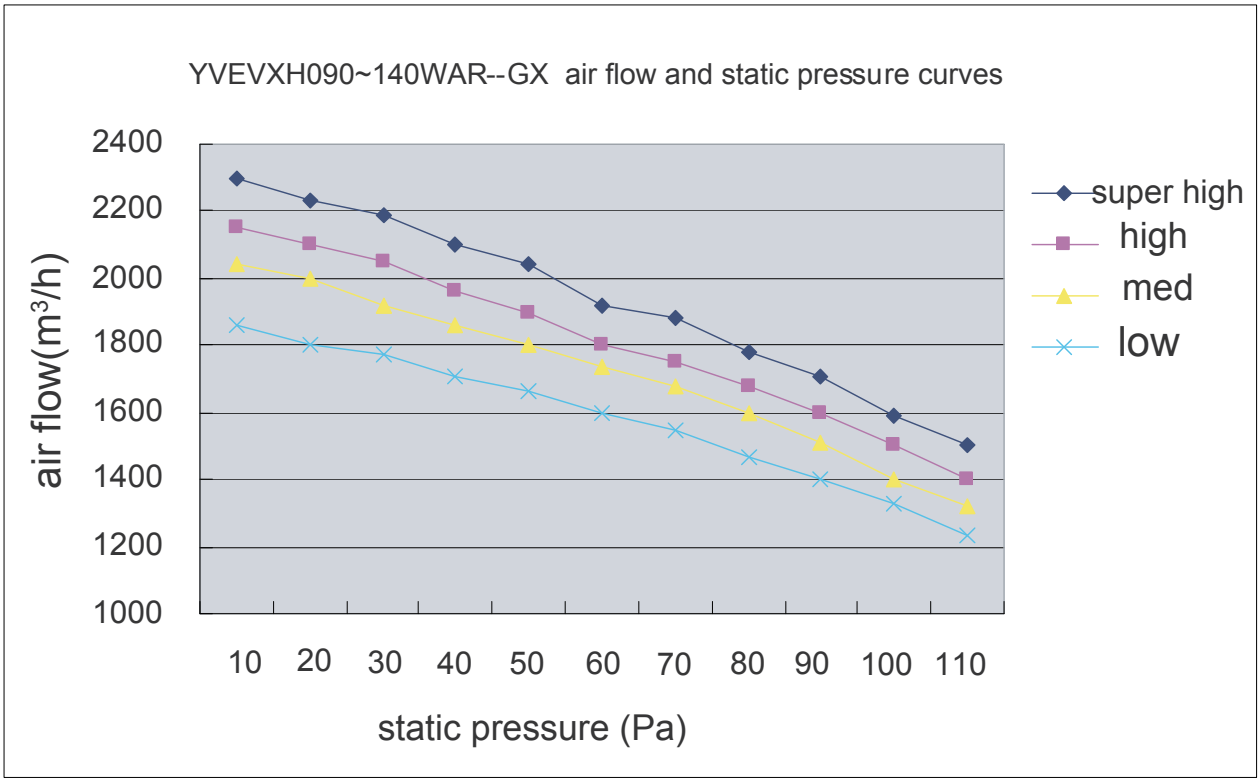
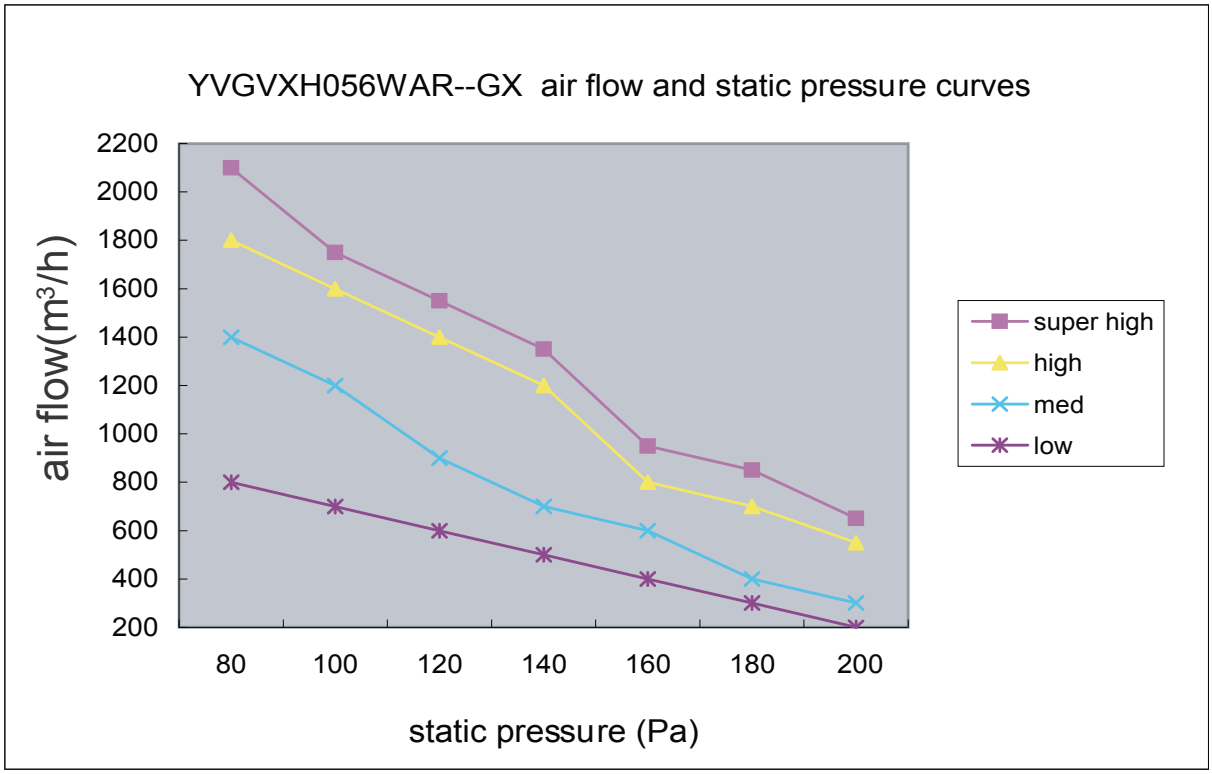
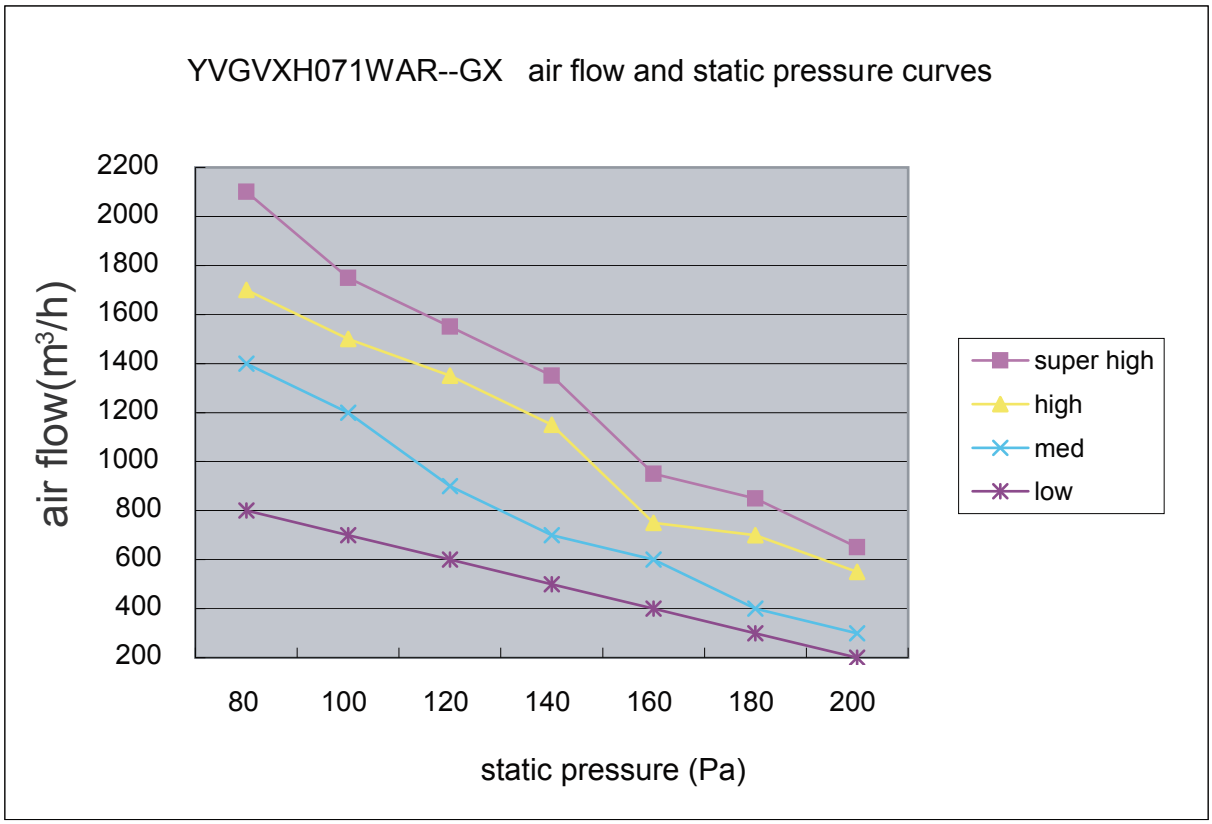
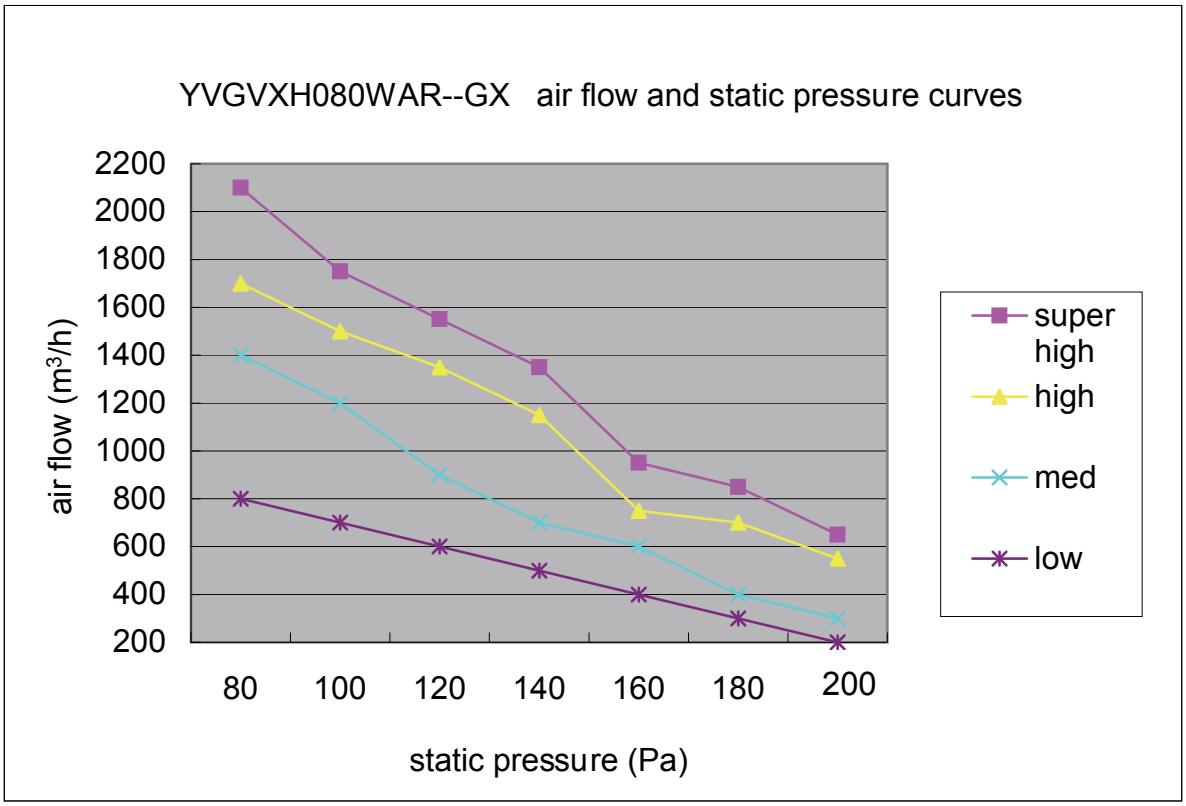
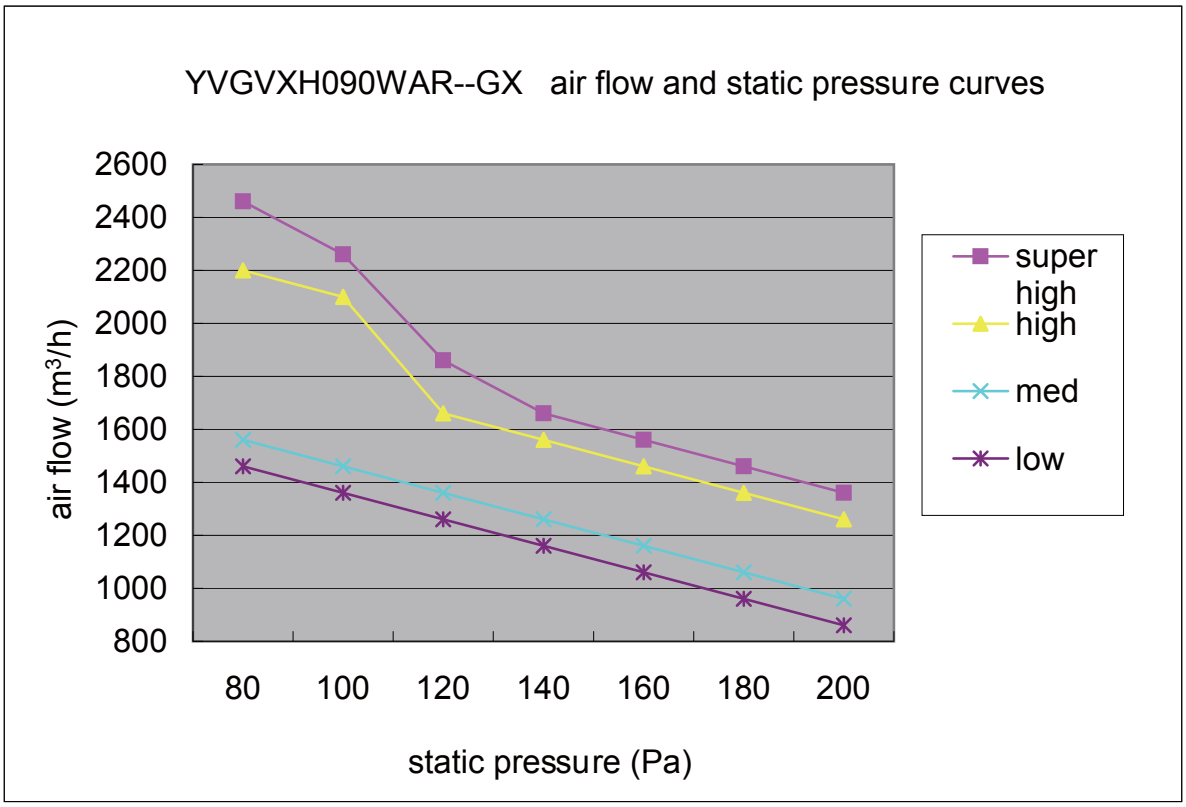

YVEVXH090~140WAR--GX air flow and static pressure curves
air flow(m³/h)
2400
2200
2000
1800
1600
1400
1200
1000
10
20
30
40
50
60
70
80
90
100
110
static pressure (Pa)
super high
high
med
low

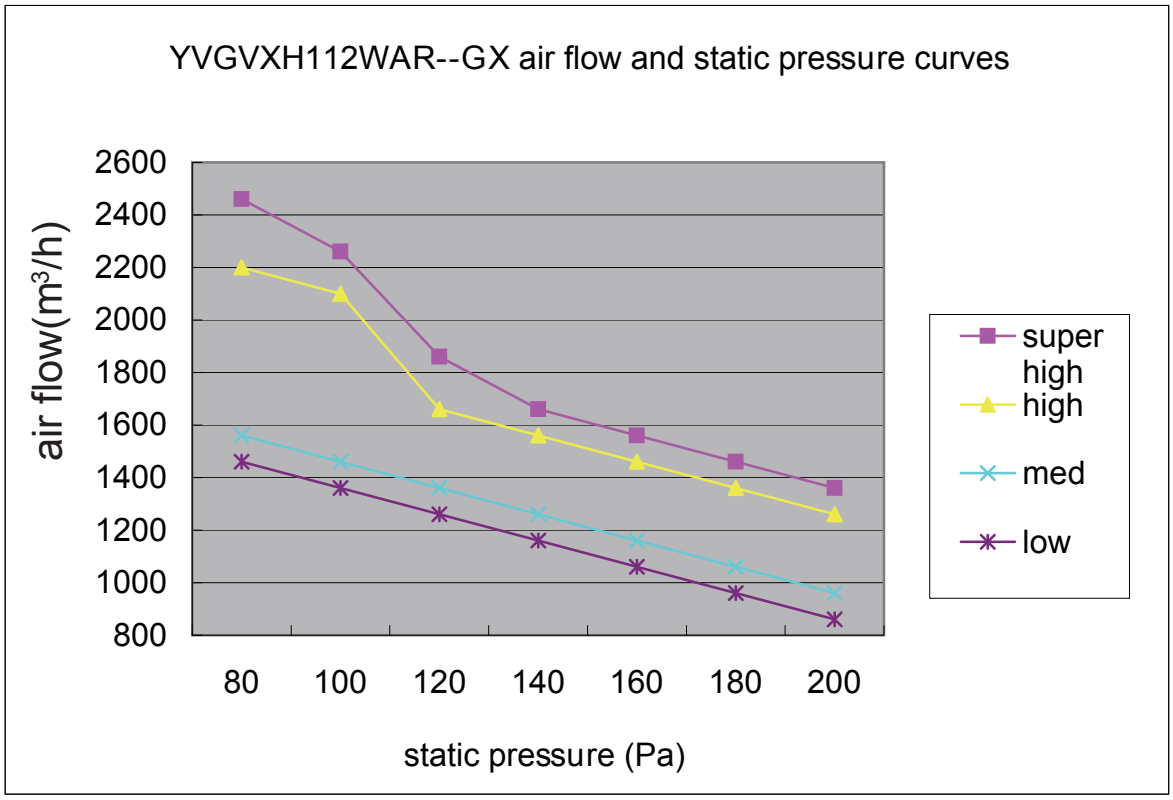
Figure 138. High ESP duct air flow and static pressure curves

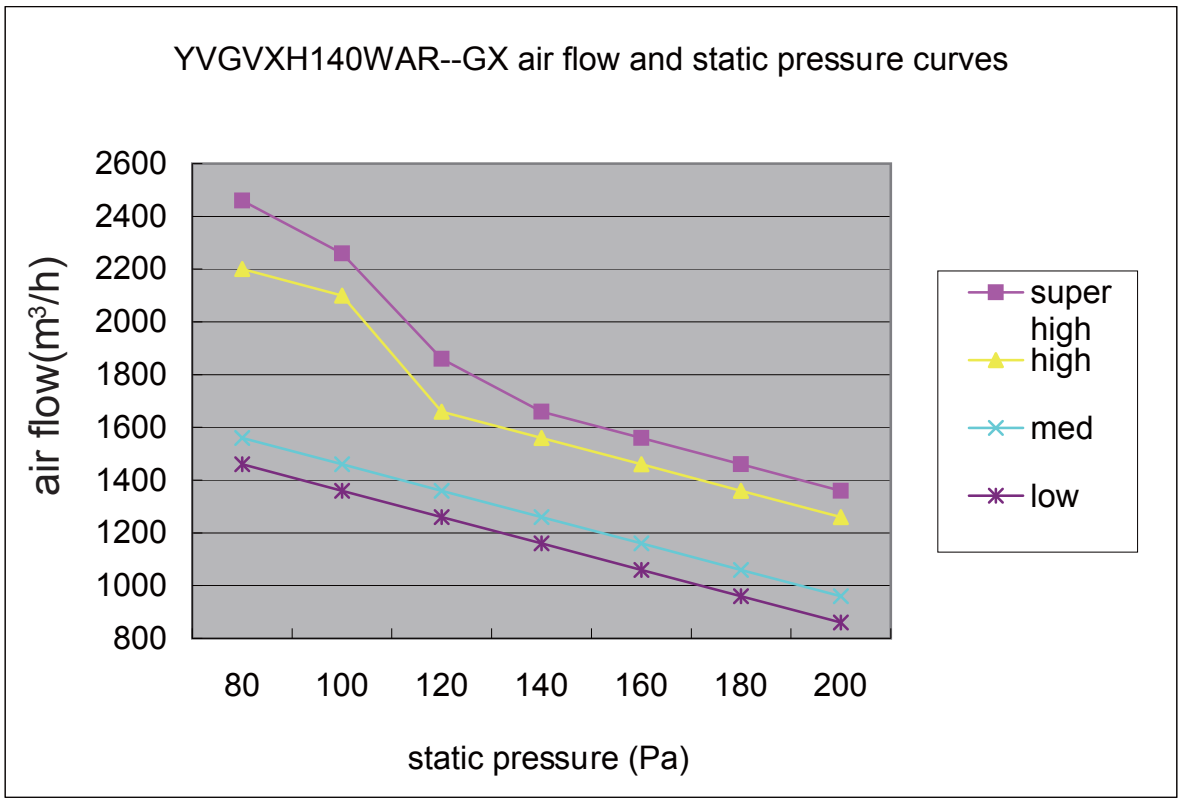





YVGVXH080WAR--GX air flow and static pressure curves
air flow (m3/h)
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
80
100
120
140
160
180
200
static pressure (Pa)
super high
high
med
low


YVGVXH090WAR--GX air flow and static pressure curves
air flow (m3/h)
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
80
100
120
140
160
180
200
static pressure (Pa)
super high
high
med
low


YVGVXH112WAR--GX air flow and static pressure curves
air flow(m³/h)
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
80
100
120
140
160
180
200
static pressure (Pa)
super high
high
med
low


YVGVXH140WAR--GX air flow and static pressure curves
air flow(m³/h)
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
80
100
120
140
160
180
200
static pressure (Pa)
super high
high
med
low

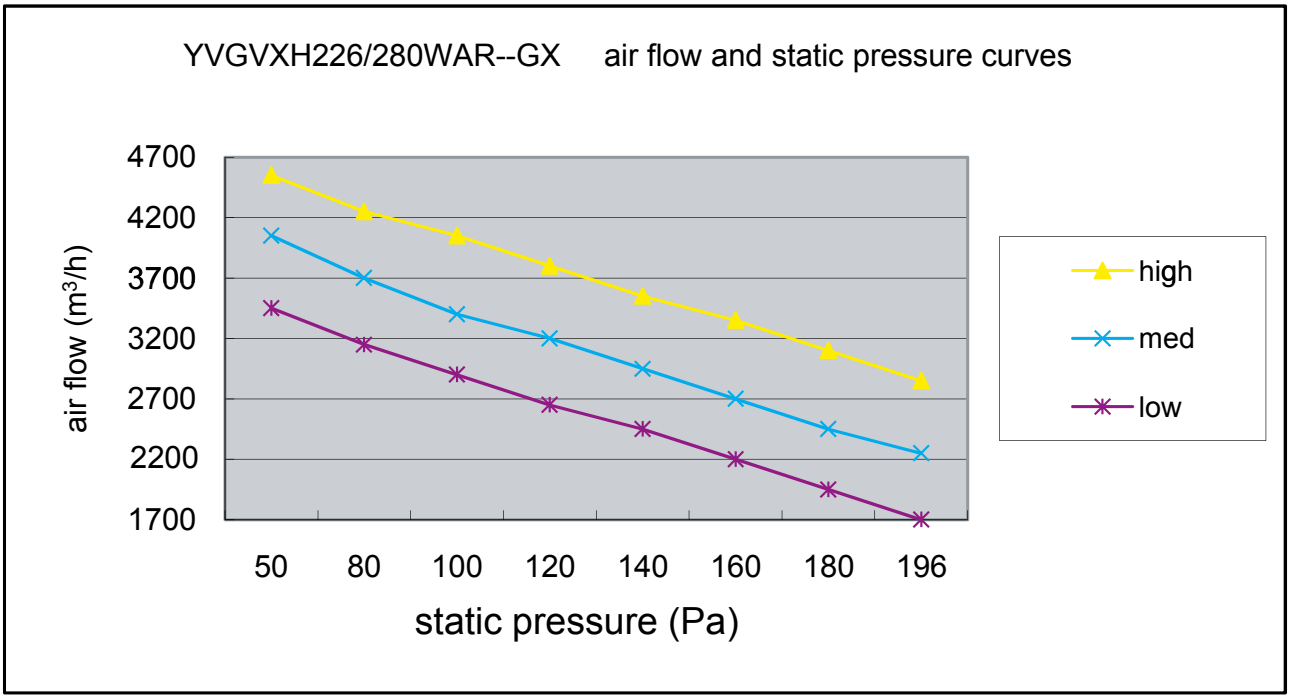
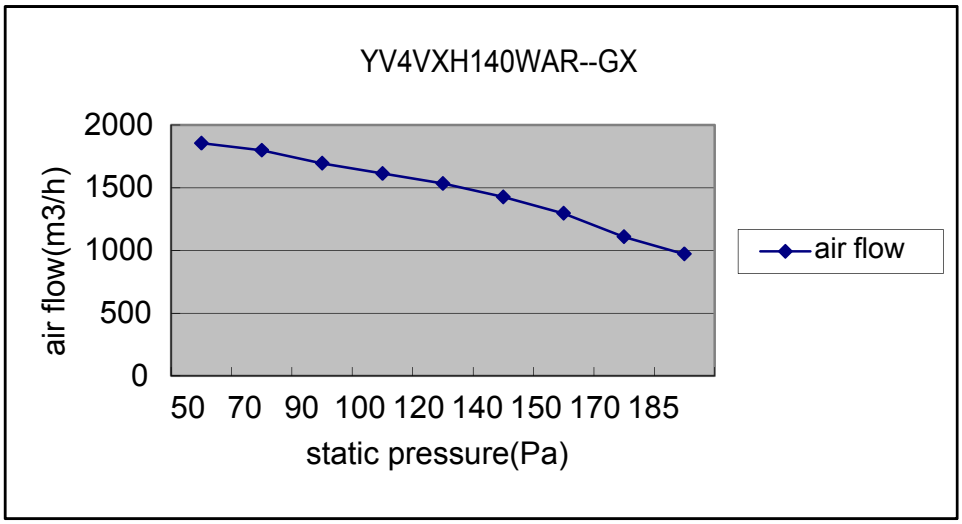
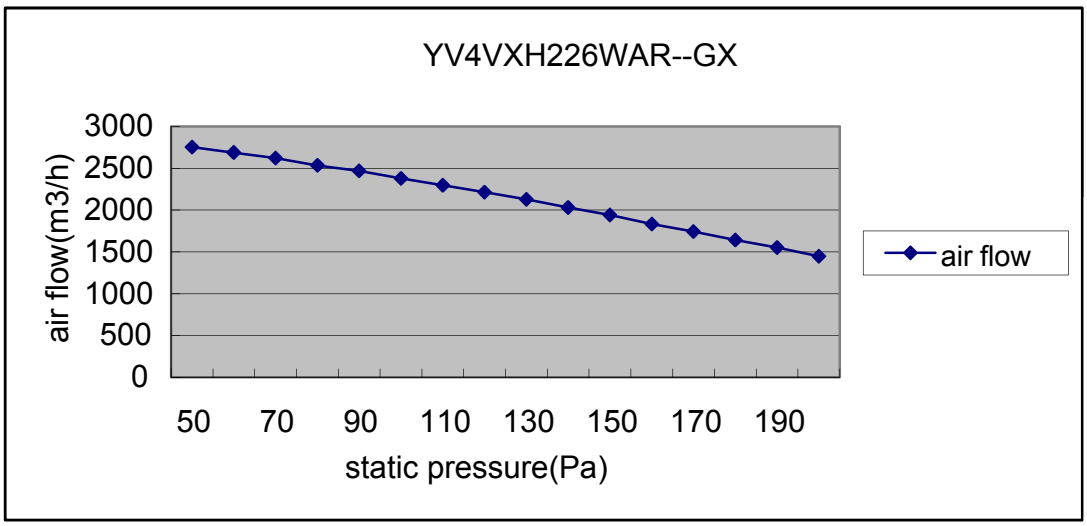
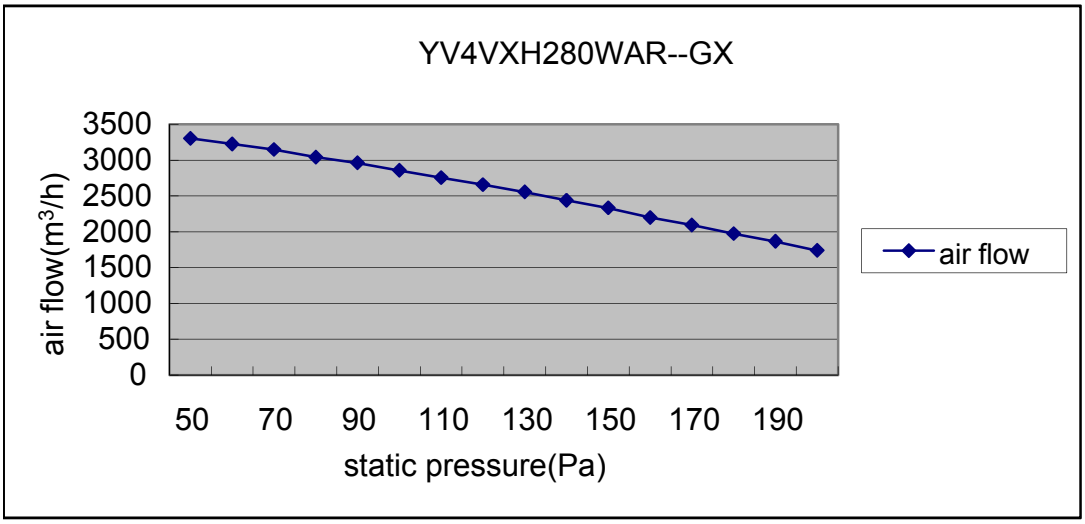

YVGVXH226/280WAR--GX air flow and static pressure curves
air flow (m3/h)
4700
4200
3700
3200
2700
2200
1700
50
80
100
120
140
160
180
196
static pressure (Pa)
high
med
low

Figure 139. Fresh air type air flow and static pressure curves



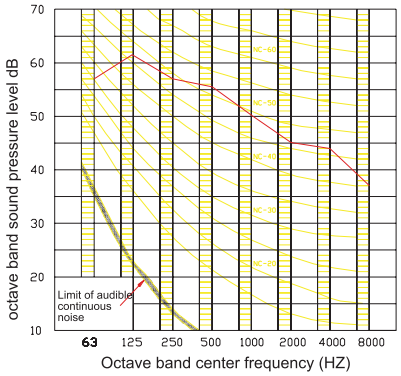




Appendix II Sound pressure level

Figure 140. Outdoor unit sound pressure level

YV2VYT024/029KAS-D-X



YV2VYT035/42/45KAS-D-X

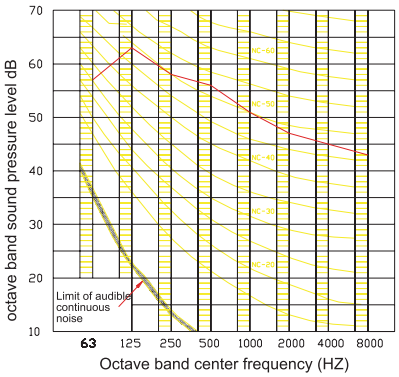


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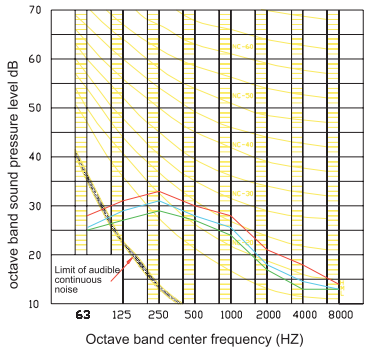
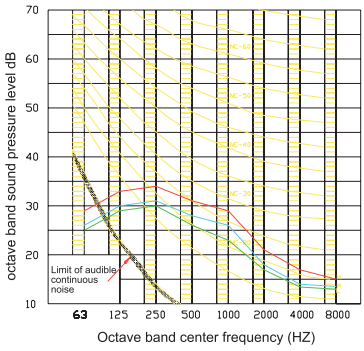
Figure 141. 4-way cassette sound pressure level

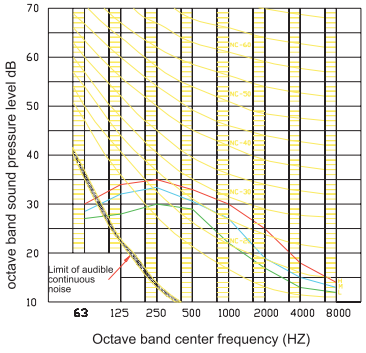
YVKV028/036WWAR--GX



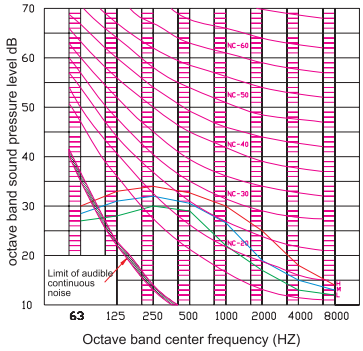
YVKVXH045WAR--GX



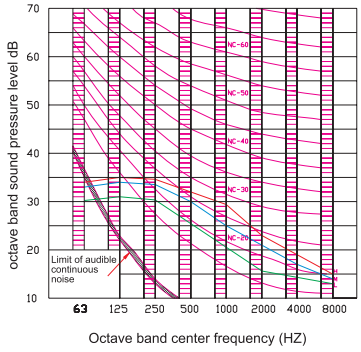
YVKVXH056WAR--GX



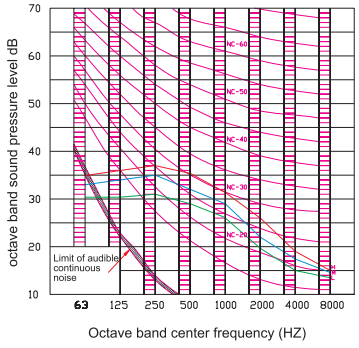
YVKVXH071WAR--GX



YVKVXH080WAR--GX



YVKVXH090-112WAR--GX



YVKVXH140WAR--GX

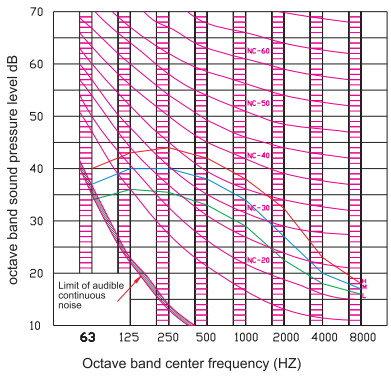


Figure 142. 2-way cassette sound pressure level

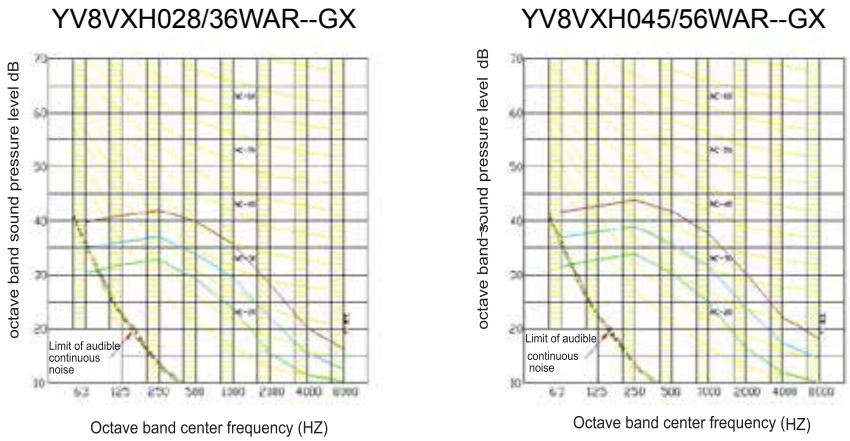


Figure 143. High wall sound pressure level

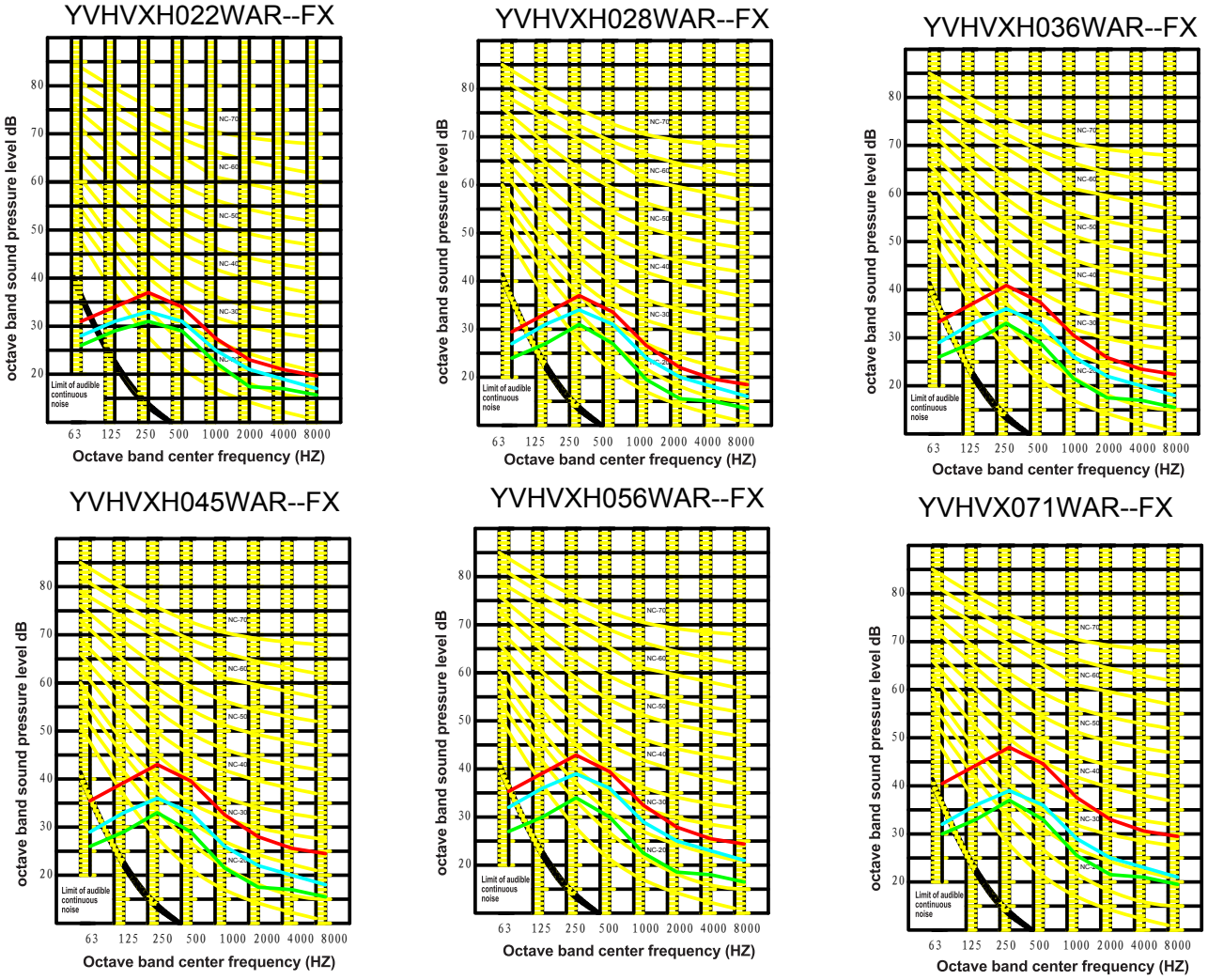


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Figure 144. Floor ceiling sound pressure level

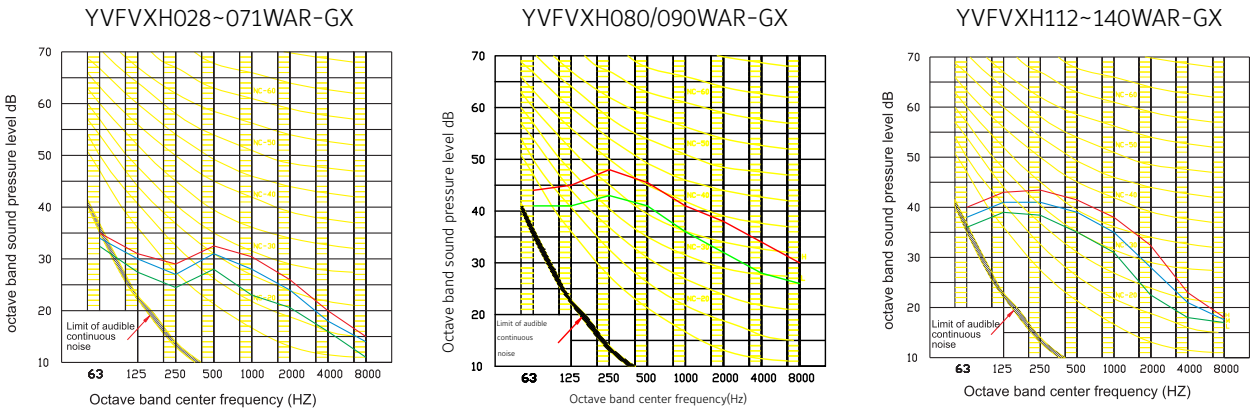
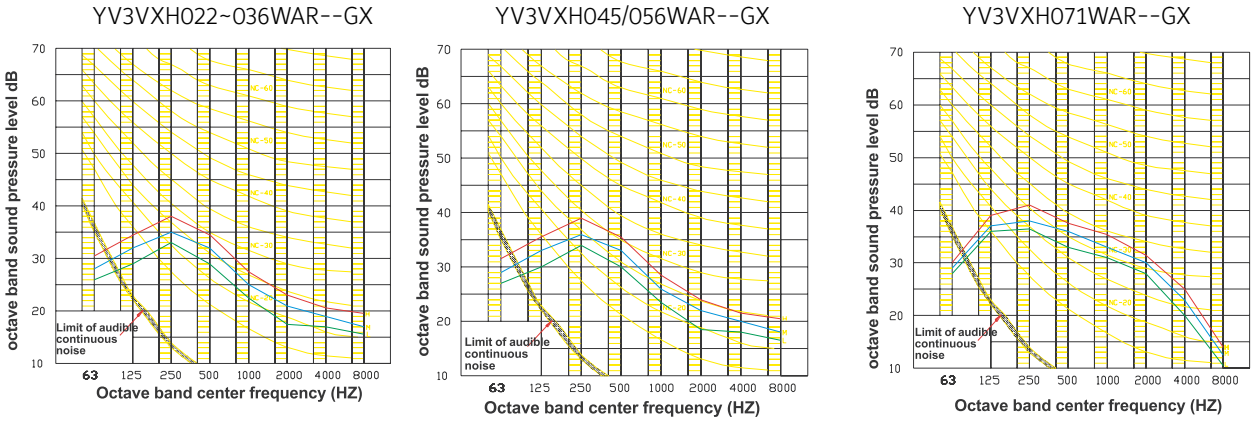


Figure 145. Slim duct sound pressure level



APPENDIX II

Figure 146. Low ESP duct sound pressure level

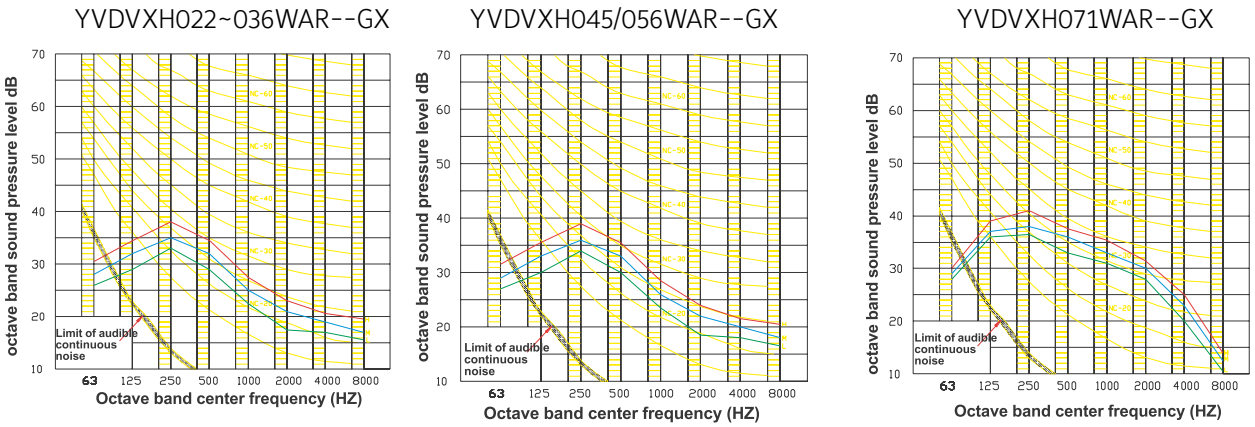


Figure 147. Medium ESP duct sound pressure level

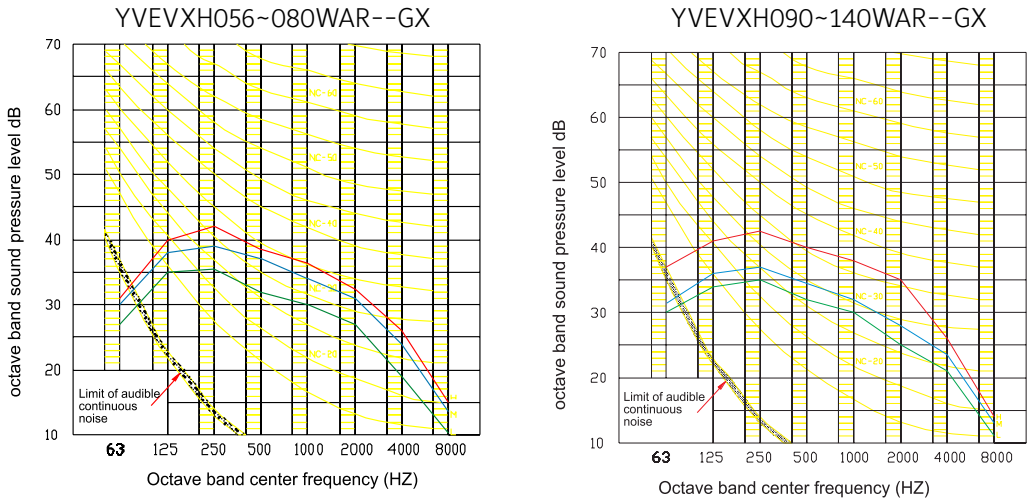
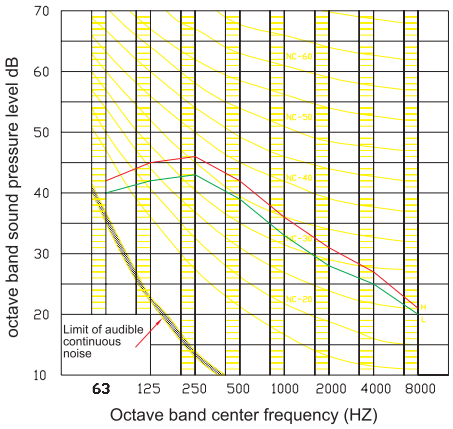
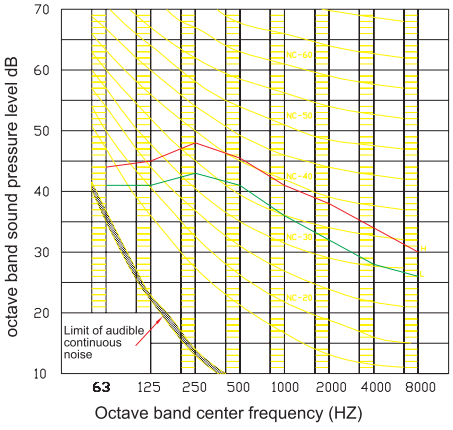


Figure 148. High ESP duct sound pressure level

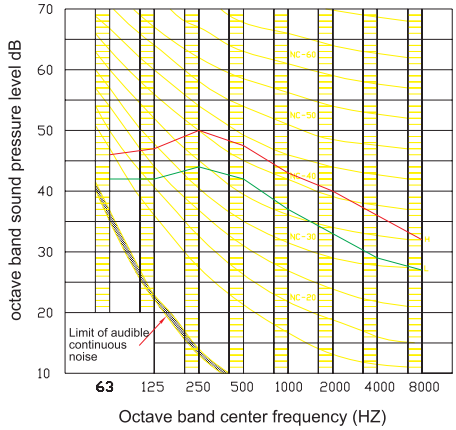
YVGVXH056~080WAR--GX



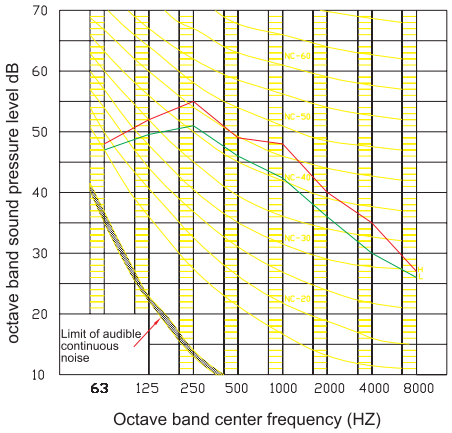
YVGVXH090WAR--GX



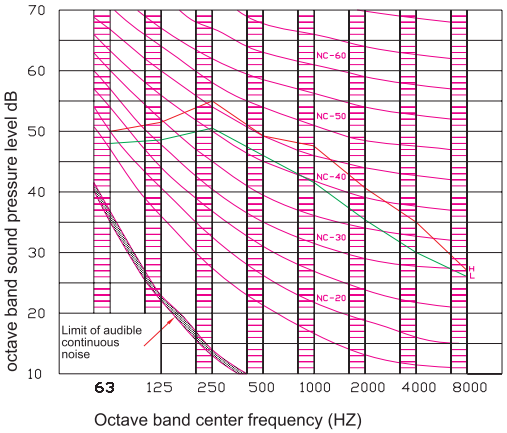
YVGVXH112WAR--GX



YVGVXH140WAR--GX



YVGVXH226WAR--GX



YVGVXH280WAR--GX

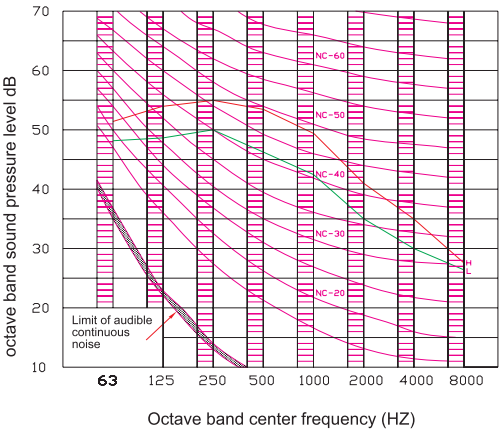
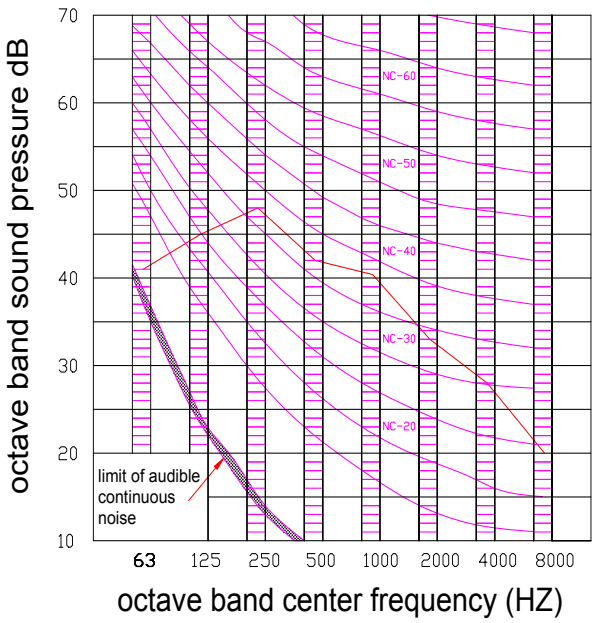
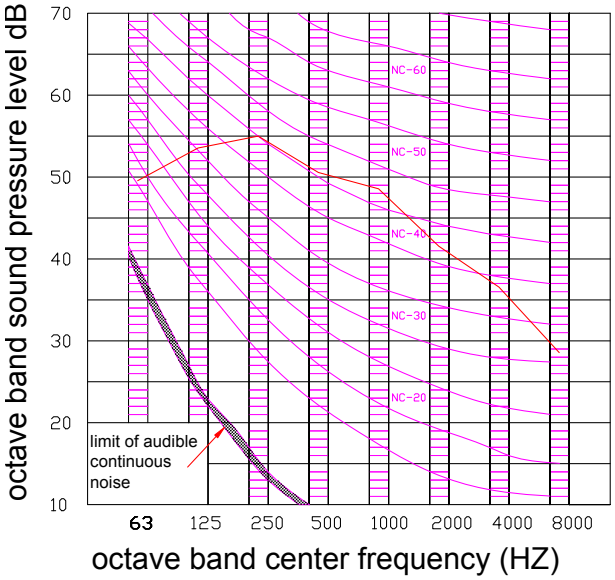


Figure 149. Fresh Air indoor sound pressure level

YV4VXH140WAR--GX



YV4VXH226/280WAR--GX



APPENDIX II

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