



technical data

VRV[®] II Systems

REYQ-M7W1B

Inverter heat recovery

REYQ-M7W1B

VRV II Inverter heat recovery



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1 Specifications

1-1 Survey 8-48HP

REYQ-M			8	10	12	14	16
MODULES	REYQ8M		1				
	REYQ10M			1			
	REYQ12M				1		
	REYQ14M					1	
	REYQ16M						1
EQUIVALENT HORSEPOWER	HP	8	10	12	14	16	
NUMBER OF OUTDOOR UNITS			1	1	1	1	1
NUMBER OF COMPRESSORS			2	2	2	3	3
NUMBER OF CONNECTABLE INDOOR UNITS			13	16	20	20	20
MINIMUM CAPACITY INDEX			100	125	150	175	200
MAXIMUM CAPACITY INDEX			260	325	390	455	520
COOLING CAPACITY		kW	22.4	28.0	33.5	40.0	44.5
HEATING CAPACITY		kW	25.0	31.5	37.5	45.0	50.0
POWER INPUT	Cooling	kW	6.97	9.00	10.60	14.30	15.60
	Heating	kW	6.89	9.51	10.80	12.90	14.0
EER			3.21	3.11	3.16	2.80	2.85
COP			3.63	3.38	3.47	3.49	3.57
CAPACITY STEPS			29	29	29	35	35
DIMENSIONS	Height	mm	1,600	1,600	1,600	1,600	1,600
	Width	mm	930	930	1,240	1,240	1,240
	Depth	mm	765	765	765	765	765
WEIGHT		kg	245	245	295	340	340

REYQ-M			18	20	22	24	26	28	30	32
MODULES	REYQ8M		1							
	REYQ10M		1	2	1	1	1			
	REYQ12M				1			1		
	REYQ14M					1			1	
	REYQ16M						1	1	1	2
EQUIVALENT HORSEPOWER	HP	18	20	22	24	26	28	30	32	
NUMBER OF OUTDOOR UNITS			2	2	2	2	2	2	2	2
NUMBER OF COMPRESSORS			4	4	4	5	5	5	6	6
NUMBER OF CONNECTABLE INDOOR UNITS			20	20	22	32	32	32	32	32
MINIMUM CAPACITY INDEX			225	250	275	300	325	350	375	400
MAXIMUM CAPACITY INDEX			585	650	715	780	845	910	975	1,040
COOLING CAPACITY		kW	50.4	56.0	61.5	68.0	72.5	78.0	84.5	89.0
HEATING CAPACITY		kW	56.5	63.0	69.0	76.5	81.5	87.5	95.0	100.0
POWER INPUT	Cooling	kW	16.00	18.00	19.60	23.24	24.60	26.20	29.90	31.20
	Heating	kW	16.50	19.00	20.50	22.60	23.80	25.30	27.50	28.60
EER			3.15	3.11	3.14	2.92	2.95	2.98	2.83	2.85
COP			3.42	3.32	3.37	3.38	3.42	3.46	3.45	3.50
CAPACITY STEPS			41	41	41	46	46	46	51	51
DIMENSIONS	Height	mm	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
	Width	mm	1,860	1,860	2,170	2,170	2,170	2,480	2,480	2,480
	Depth	mm	765	765	765	765	765	765	765	765
WEIGHT		kg	490	490	540	585	585	635	680	680

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1 Specifications

1-1 Survey 8-48HP

REYQ-M			34	36	38	40	42	44	46	48
MODULES	REYQ8M									
	REYQ10M		2	2	1	1	1			
	REYQ12M				1			1		
	REYQ14M		1			1			1	
	REYQ16M			1	1	1	2	2	2	3
EQUIVALENT HORSEPOWER		HP	34	36	38	40	42	44	46	48
NUMBER OF OUTDOOR UNITS			3	3	3	3	3	3	3	3
NUMBER OF COMPRESSORS			7	7	7	8	8	8	9	9
NUMBER OF CONNECTABLE INDOOR UNITS			34	36	38	40	40	40	40	40
MINIMUM CAPACITY INDEX			425	450	475	500	525	550	575	600
MAXIMUM CAPACITY INDEX			1,105	1,170	1,235	1,300	1,365	1,430	1,495	1,560
COOLING CAPACITY		kW	96.0	100.5	106.0	112.5	117.0	122.5	129.0	133.5
HEATING CAPACITY		kW	108.0	113.0	119.0	126.5	131.5	137.5	145.0	150.0
POWER INPUT	Cooling	kW	32.20	33.60	35.20	38.90	40.20	41.80	45.50	46.90
	Heating	kW	32.10	33.30	34.80	37.00	38.10	39.60	41.80	42.90
EER			2.98	2.99	3.01	2.89	2.91	2.93	2.84	2.85
COP			3.36	3.39	3.42	3.42	3.45	3.47	3.47	3.50
CAPACITY STEPS			56	56	56	61	61	61	68	68
DIMENSIONS	Height	mm	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
	Width	mm	3,100	3,100	3,410	3,410	3,410	3,720	3,720	3,720
	Depth	mm	765	765	765	765	765	765	765	765
WEIGHT		kg	830	830	880	925	925	975	1,020	1,020

1 Specifications

1-2 Technical specifications

1-2-1 8,10HP

				REYQ8M7W1B	REYQ10M7W1B	
NOMINAL CAPACITY	Cooling	kW		22.40	28.00	
	Heating	kW		25.00	31.50	
CAPACITY RANGE		HP		8	10	
POWER INPUT (NOMINAL)	Cooling	kW		6.97	9.00	
	Heating	kW		6.89	9.31	
MAX N° OF INDOOR UNITS TO BE CONNECTED				13	16	
TOTAL CAPACITY INDEX OF INDOOR UNITS TO BE CONNECTED				260	325	
CASING	Colour			Ivory White		
	Material			Painted galvanised steel		
DIMENSIONS	Packing	Height	mm	1,829	1,829	
		Width	mm	990	990	
		Depth	mm	855	855	
	Unit	Height	mm	1,600	1,600	
		Width	mm	930	930	
		Depth	mm	765	765	
WEIGHT	Machine weight		kg	245	245	
	Gross weight		kg	251	251	
HEAT EXCHANGER	Specifications	Length		mm	1,640	1,640
		N° of rows			54	54
		Fin pitch	mm	2.00	2.00	
		N° of passes			5 + 11	5 + 11
		Face area	m	1.948	1.948	
		N° of stages			2	2
	Empty tubeplate hole			0	0	
	Tube type			Hi-XSS Ø 8	Hi-XSS Ø 8	
	Fin	Type		Non-symmetric waffle louvre		
		Treatment		Corrosion resistant		
FAN	Type			Propeller		
	Quantity			1	1	
	Air Flow Rate (nominal)	Cooling	m ³ /min	175	180	
		Heating	m ³ /min	175	180	
	External static pressure (MAX)		Pa	50 Pa in high static pressure		
	Discharge direction			Vertical		
	Motor	Quantity			1	1
		Model			Brushless DC	
Output		W	750	750		
Speed		rpm	765	785		
Drive			Direct drive			
COMPRESSOR	Quantity			2	2	
	Motor	Quantity			1	1
		Model			Inverter	
		Type			Hermetically sealed scroll compressor	
		Speed	rpm	1,900 ~ 6,480	1,900 ~ 6,480	
		Motor output	kW	2.2	2.2	
		Starting method			Direct on line	
		Crankcase heater	W	33	33	
	Motor	Quantity			1	1
		Model			ON-OFF	
		Type			Hermetically sealed scroll compressor	
		Speed	rpm	2,900	2,900	
		Motor output	kW	4.5	4.5	
		Starting method			Direct on line	
	Crankcase heater	W	33	33		

1 Specifications

1-2 Technical specifications

1-2-1 8,10HP

				REYQ8M7W1B	REYQ10M7W1B
OPERATION RANGE	Cooling	Minimum	°CDB	-5.0	-5.0
		Maximum	°CDB	43.0	43.0
	Heating	Minimum	°CWB	-20.0	-20.0
		Maximum	°CWB	15.5	15.5
SOUND LEVEL (NOMINAL)	Sound Power		dBA	78.0	78.0
	Sound Pressure		dBA	57.0	58.0
REFRIGERANT	Type			R-410A	R-410A
	Charge		kg	10.3	11.4
	Control			Expansion valve (electronic type)	
	N of circuits			1	1
REFRIGERANT OIL	Type			Synthetic (ether) oil	
	Charged Volume		l	1.9+1.6	1.9+1.6
PIPING CONNECTIONS	Liquid	Type		Flare connection	
		Diameter (OD)	mm	Ø 9.52	Ø 9.52
	Gas	Type		Brazed connection	
		Diameter (OD)	mm	Ø 19.1	Ø 22.2
	Discharge gas	Type		Brazed connection	
		Diameter (OD)	mm	Ø 15.9	Ø 19.1
	Heat Insulation			Both liquid and gas pipes	
	Max. total length		m	300	300
DEFROST METHOD				Reversed cycle	
DEFROST CONTROL				Sensor for outdoor heat exchanger temperature	
CAPACITY CONTROL METHOD				Inverter controlled	
CAPACITY CONTROL [%]				14 to 100	14 to 100
SAFETY DEVICES				HPS	
				Fan motor overcurrent protector	
				Inverter overload protector	
				Over current relay	
				PC board fuse	
STANDARD ACCESSORIES	Item			Installation and operation manual	
	Quantity			1	1
	Item			Connection pipes	
	Quantity			6	6
	Item			Clamps	
	Quantity			12	12
	Item			Additional refrigerant label	
Quantity			1	1	

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NOTES

- 1 Nominal cooling capacities are based on:
 - indoor temperature: 27°CDB, 19°CWB
 - outdoor temperature: 35°CDB
 - equivalent refrigerant piping: 7.5m
 - level difference: 0m.
- 2 Nominal heating capacities are based on:
 - indoor temperature: 20°CDB
 - outdoor temperature: 7°CDB, 6°CWB
 - equivalent refrigerant piping: 7.5m
 - level difference: 0m.
- 3 Sound power level is an absolute value that a sound source generates.
- 4 Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.
- 5 Sound values are measured in a semi-anechoic room.

1 Specifications

1-2 Technical specifications

1-2-2 12,14,16HP

				REYQ12M7W1B	REYQ14M7W1B	REYQ16M7W1B
NOMINAL CAPACITY	Cooling	kW		33.50	40.00	44.50
	Heating	kW		37.50	45.00	50.00
CAPACITY RANGE		HP		12	14	16
POWER INPUT (NOMINAL)	Cooling	kW		10.60	14.30	15.60
	Heating	kW		10.80	12.90	14.00
MAX N OF INDOOR UNITS TO BE CONNECTED				19	20	20
TOTAL CAPACITY INDEX OF INDOOR UNITS TO BE CONNECTED				390	455	520
CASING	Colour	Ivory White				
	Material	Painted galvanised steel				
DIMENSIONS	Packing	Height	mm	1,829	1,829	1,829
		Width	mm	1,300	1,300	1,300
		Depth	mm	855	855	855
	Unit	Height	mm	1,600	1,600	1,600
		Width	mm	1,240	1,240	1,240
		Depth	mm	765	765	765
WEIGHT	Machine weight	kg	295	340	340	
	Gross weight	kg	303	348	348	
HEAT EXCHANGER	Specifications	Length	mm	1,950	1,950	1,950
		N° of rows		54	54	54
		Fin pitch	mm	2.00	2.00	2.00
		N° of passes		26	26	26
		Face area	m	2.317	2.317	2.317
		N° of stages		2	2	2
		Empty tubeplate hole		0	0	0
	Tube type		Hi-XSS Ø 8	Hi-XSS Ø 8	Hi-XSS Ø 8	
	Fin	Type	Non-symmetric waffle louvre			
		Treatment	Corrosion resistant			
FAN	Type	Propeller				
	Quantity		1	1	1	
	Air Flow Rate (nominal)	Cooling	m ³ /min	210	210	210
		Heating	m ³ /min	210	210	210
	External static pressure (MAX)	Pa	50 Pa in high static pressure			
	Discharge direction			Vertical		
	Motor	Quantity		1	1	1
		Model	Brushless DC			
		Output	W	750	750	750
		Speed	rpm	880	880	880
Drive		Direct drive				
COMPRESSOR	Quantity		2	3	3	
	Motor	Quantity		1	1	1
		Model	Inverter controlled			
		Type	Hermetically sealed scroll compressor			
		Speed	rpm	1,900 ~ 6,480	1,900 ~ 6,480	1,900 ~ 6,480
		Motor output	kW	2.2	2.2	2.2
		Starting method	Direct on line			
		Crankcase heater	W	33	33	33
		Motor	Quantity		1	2
	Model		ON-OFF			
	Type		Hermetically sealed scroll compressor			
	Speed		rpm	2,900	2,900	2,900
	Motor output		kW	4.5	4.5	4.5
	Starting method		Direct on line			
	Crankcase heater		W	33	33	33

1 Specifications

1-2 Technical specifications

1-2-2 12,14,16HP

				REYQ12M7W1B	REYQ14M7W1B	REYQ16M7W1B
OPERATION RANGE	Cooling	Minimum	°CDB	-5.0	-5.0	-5.0
		Maximum	°CDB	43.0	43.0	43.0
	Heating	Minimum	°CWB	-20.0	-20.0	-20.0
		Maximum	°CWB	15.5	15.5	15.5
SOUND LEVEL (NOMINAL)	Sound Power		dBA	80.0	80.0	80.0
	Sound Pressure		dBA	60.0	60.0	60.0
REFRIGERANT	Type			R-410A	R-410A	R-410A
	Charge		kg	12.4	13.5	14.6
	Control			Expansion valve (electronic type)		
	N of circuits			1	1	1
REFRIGERANT OIL	Type			Synthetic (ether) oil		
	Charged Volume		l	1.9+1.6	1.9+1.6+1.6	1.9+1.6+1.6
PIPING CONNECTIONS	Liquid	Type		Flare connection		
		Diameter (OD)		mm	Ø 12.7	Ø 12.7
	Gas	Type		Braze connection		
		Diameter (OD)		mm	Ø 28.6	Ø 28.6
	Discharge gas	Type		Braze connection		
		Diameter (OD)		mm	Ø 19.1	Ø 22.2
	Heat Insulation			Both liquid and gas pipes		
	Max. total length		m	300	300	300
DEFROST METHOD				Reversed cycle		
DEFROST CONTROL				Sensor for outdoor heat exchanger temperature		
CAPACITY CONTROL METHOD				Inverter controlled		
CAPACITY CONTROL [%]				14 to 100	10 to 100	10 to 100
SAFETY DEVICES				HPS		
				Fan motor overcurrent protector		
				Inverter overload protector		
				Over current relay		
				PC board fuse		
STANDARD ACCESSORIES	Item			Installation and operation manual		
	Quantity			1	1	1
	Item			Connection pipes		
	Quantity			6	6	6
	Item			Clamps		
	Quantity			12	12	12
	Item			Additional refrigerant label		
	Quantity			1	1	1

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NOTES

- 1 Nominal cooling capacities are based on:
 - indoor temperature: 27°CDB, 19°CWB
 - outdoor temperature: 35°CDB
 - equivalent refrigerant piping: 7.5m
 - level difference: 0m.
- 2 Nominal heating capacities are based on:
 - indoor temperature: 20°CDB
 - outdoor temperature: 7°CDB, 6°CWB
 - equivalent refrigerant piping: 7.5m
 - level difference: 0m.
- 3 Sound power level is an absolute value that a sound source generates.
- 4 Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.
- 5 Sound values are measured in a semi-anechoic room.

1 Specifications

1-2 Technical specifications

1-2-3 18-32HP

REYQ-M7W1B			18	20	22	24	26	28	30	32	
NOMINAL CAPACITY	Cooling	kW	50.40	56.00	61.50	68.00	72.50	78.00	84.50	89.00	
	Heating	kW	56.50	63.00	69.00	76.50	81.50	87.50	95.00	100.00	
CAPACITY RANGE		HP	18	20	22	24	26	28	30	32	
POWER INPUT (NOMINAL)	Cooling	kW	16.00	18.00	19.60	23.24	24.60	26.20	29.90	31.20	
	Heating	kW	16.50	19.00	20.50	22.60	23.80	25.30	27.50	28.60	
MAX N OF INDOOR UNITS TO BE CONNECTED			20	20	22	32	32	32	32	32	
TOTAL CAPACITY INDEX OF INDOOR UNITS TO BE CONNECTED			585	650	715	780	845	910	975	1,040	
CASING	Colour	Ivory White									
	Material	Painted galvanised steel									
FAN	Type	Propeller									
	Quantity		2	2	2	2	2	2	2	2	
	Air Flow Rate (nominal)	Cooling	m ³ /min	355	360	390	390	390	420	420	420
		Heating	m ³ /min	355	360	390	390	390	420	420	420
	External static pressure (MAX)	Pa	50 Pa in high static pressure mode								
	Discharge direction		Vertical								
	Motor	Quantity		1	1	1	1	1	1	1	1
		Model	Brushless DC								
		Output	W	750	750	750	750	750	750	750	750
		Speed	rpm	765	785	785	785	785	880	880	880
		Drive	Direct drive								
Motor	Quantity		1	1	1	1	1	1	1	1	
	Model	Brushless DC									
	Output	W	750	750	750	750	750	750	750	750	
	Speed	rpm	785	785	880	880	880	880	880	880	
	Drive	Direct drive									
COMPRESSOR	Quantity		4	4	4	5	5	5	6	6	
	Motor	Quantity		2	2	2	2	2	2	2	2
		Model	Inverter								
		Type	Hermetically sealed scroll compressor								
		Speed	rpm	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480
		Motor output	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
		Starting method	Direct on line								
		Crankcase heater	W	33	33	33	33	33	33	33	33
	Motor	Quantity		2	2	2	3	3	3	4	4
		Model	ON-OFF								
		Type	Hermetically sealed scroll compressor								
		Speed	rpm	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900
		Motor output	kW	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		Starting method	Direct on line								
Crankcase heater		W	33	33	33	33	33	33	33	33	
OPERATION RANGE	Cooling	Minimum	°CDB	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	
		Maximum	°CDB	43.0	43.0	43.0	43.0	43.0	43.0	43.0	
	Heating	Minimum	°CWB	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	
		Maximum	°CWB	15.5	15.5	15.5	15.5	15.5	15.5	15.5	
SOUND LEVEL (NOMINAL)	Sound Power	dB(A)	81.0	81.0	82.0	82.0	82.0	83.0	83.0	83.0	
	Sound Pressure	dB(A)	61.0	61.0	62.0	62.0	62.0	63.0	63.0	63.0	
REFRIGERANT	Type		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	
	Charge	kg	21.7	22.8	23.8	24.9	26.0	27.0	28.1	29.2	
	Control	Expansion valve (electronic type)									
	N of circuits		2	2	2	2	2	2	2	2	

1 Specifications

1-2 Technical specifications

1-2-3 18-32HP

REYQ-M7W1B			18	20	22	24	26	28	30	32	
REFRIGERANT OIL	Type	Synthetic (ether) oil									
	Charged Volume	l	(2x1.9)+(2x1.6)	(2x1.9)+(2x1.6)	(2x1.9)+(2x1.6)	(2x1.9)+(3x1.6)	(2x1.9)+(3x1.6)	(2x1.9)+(3x1.6)	(2x1.9)+(4x1.6)	(2x1.9)+(4x1.6)	
PIPING CONNECTIONS	Liquid	Type	Braze connection								
		Diameter (OD) mm	Ø 15.9	Ø 15.9	Ø 15.9	Ø 15.9	Ø 19.1	Ø 19.1	Ø 19.1	Ø 19.1	Ø 19.1
	Gas	Type	Braze connection								
		Diameter (OD) mm	Ø 28.6	Ø 28.6	Ø 28.6	Ø 34.9	Ø 34.9	Ø 34.9	Ø 34.9	Ø 34.9	Ø 34.9
	Discharge gas	Type	Braze connection								
		Diameter (OD) mm	Ø 22.2	Ø 28.6	Ø 28.6	Ø 28.6	Ø 28.6	Ø 28.6	Ø 28.6	Ø 28.6	Ø 28.6
	Oil equalizing	Type	Flare connection								
		Diameter (OD) mm	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	Heat Insulation	Both liquid, gas and oil equalizing pipe									
	Max. total length	m	300	300	300	300	300	300	300	300	300
DEFROST METHOD	Reversed cycle										
DEFROST CONTROL	Sensor for outdoor heat exchanger temperature										
CAPACITY CONTROL METHOD	Inverter controlled										
CAPACITY CONTROL [%]		7 to 100	7 to 100	7 to 100	6 to 100	6 to 100	6 to 100	6 to 100	5 to 100	5 to 100	
SAFETY DEVICES	HPS										
	Fan motor overcurrent protector										
	Inverter overload protector										
	Over current relay										
	PC board fuse										
STANDARD ACCESSORIES	Item	Installation and operation manual									
	Quantity	2	2	2	2	2	2	2	2	2	
	Item	Connection pipes									
	Quantity	12	12	12	12	12	12	12	9	9	
	Item	Clamps									
	Quantity	36	36	36	36	36	36	36	36	36	
	Item	Additional refrigerant label									
	Quantity	2	2	2	2	2	2	2	2	2	

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NOTES

- Nominal cooling capacities are based on:
 - indoor temperature: 27°CDB, 19°CWB
 - outdoor temperature: 35°CDB
 - equivalent refrigerant piping: 7.5m
 - level difference: 0m.
- Nominal heating capacities are based on:
 - indoor temperature: 20°CDB
 - outdoor temperature: 7°CDB, 6°CWB
 - equivalent refrigerant piping: 7.5m
 - level difference: 0m.
- Sound power level is an absolute value that a sound source generates.
- Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.
- Sound values are measured in a semi-anechoic room.

1 Specifications

1-2 Technical specifications

1-2-4 34-48HP

REYQ-M7W1B			34	36	38	40	42	44	46	48	
NOMINAL CAPACITY	Cooling	kW	96.00	101.00	106.00	113.00	117.00	123.00	129.00	134.00	
	Heating	kW	108.00	113.00	119.00	127.00	132.00	138.00	145.00	150.00	
CAPACITY RANGE		HP	34	36	38	40	42	44	46	48	
POWER INPUT (NOMINAL)	Cooling	kW	32.20	33.60	35.20	38.90	40.20	41.80	45.50	46.90	
	Heating	kW	32.10	33.30	34.80	37.00	38.10	39.60	41.80	42.90	
MAX N° OF INDOOR UNITS TO BE CONNECTED			34	36	38	40	40	40	40	40	
TOTAL CAPACITY INDEX OF INDOOR UNITS TO BE CONNECTED			1,105	1,170	1,235	1,300	1,365	1,430	1,495	1,560	
CASING	Colour	Ivory White									
	Material	Painted galvanised steel									
FAN	Type	Propeller									
	Quantity		3	3	3	3	3	3	3	3	
	Air Flow Rate (nominal)	Cooling	m ³ /min	570	570	600	600	600	630	630	630
		Heating	m ³ /min	570	570	600	600	600	630	630	630
	External static pressure (MAX)	Pa	50 Pa in high static pressure mode								
	Discharge direction	Vertical									
	Motor	Quantity		1	1	1	1	1	1	1	1
		Model	Brushless DC								
		Output	W	750	750	750	750	750	750	750	750
		Speed	rpm	785	785	785	785	785	880	880	880
		Drive	Direct drive								
	Motor	Quantity		1	1	1	1	1	1	1	1
Model		Brushless DC									
Output		W	750	750	750	750	750	750	750	750	
Speed		rpm	785	785	880	880	880	880	880	880	
Drive		Direct drive									
Motor	Quantity		1	1	1	1	1	1	1	1	
	Model	Brushless DC									
	Output	W	750	750	750	750	750	750	750	750	
	Speed	rpm	880	880	880	880	880	880	880	880	
	Drive	Direct drive									
COMPRESSOR	Quantity		7	7	7	8	8	8	9	9	
	Motor	Quantity		3	3	3	3	3	3	3	3
		Model	Inverter								
		Type	Hermetically sealed scroll compressor								
		Speed	rpm	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480	1,900~6,480
		Motor output	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
		Starting method	Direct on line								
		Crankcase heater	W	33	33	33	33	33	33	33	33
	Motor	Quantity		4	4	4	5	5	5	6	6
		Model	ON-OFF								
		Type	Hermetically sealed scroll compressor								
		Speed	rpm	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900
		Motor output	kW	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Starting method		Direct on line									
Crankcase heater		W	33	33	33	33	33	33	33	33	
OPERATION RANGE	Cooling	Minimum	°CDB	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	
		Maximum	°CDB	43.0	43.0	43.0	43.0	43.0	43.0	43.0	
	Heating	Minimum	°CWB	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	
		Maximum	°CWB	15.5	15.5	15.5	15.5	15.5	15.5	15.5	
SOUND LEVEL (NOMINAL)	Sound Power	dB(A)	84.0	84.0	84.0	84.0	84.0	85.0	85.0	85.0	
	Sound Pressure	dB(A)	64.0	64.0	64.0	64.0	64.0	65.0	65.0	65.0	

1 Specifications

1-2 Technical specifications

1-2-4 34-48HP

REYQ-M7W1B		34	36	38	40	42	44	46	48	
REFRIGERANT	Type	R-410A								
	Charge	kg	36.3	37.4	38.4	39.5	40.6	41.6	42.7	43.8
	Control	Expansion valve (electronic type)								
	N of circuits	3								
REFRIGERANT OIL	Type	Synthetic (ether) oil								
	Charged Volume	l	(3x1.9)+(4x1.6)	(3x1.9)+(4x1.6)	(3x+1.9)+(4x1.6)	(3x1.9)+(5x1.6)	(3x1.9)+(5x1.6)	(3x1.9)+(5x1.6)	(3x1.9)+(6x1.6)	(3x1.9)+(6x1.6)
PIPING CONNECTIONS	Liquid	Type	Braze connection							
		Diameter (OD)	mm	Ø 19.1	Ø 19.1	Ø 19.1	Ø 19.1	Ø 19.1	Ø 19.1	Ø 19.1
	Gas	Type	Braze connection							
		Diameter (OD)	mm	Ø 34.9	Ø 41.3	Ø 41.3	Ø 41.3	Ø 41.3	Ø 41.3	Ø 41.3
	Discharge gas	Type	Braze connection							
		Diameter (OD)	mm	Ø 28.6	Ø 28.6	Ø 34.9	Ø 34.9	Ø 34.9	Ø 34.9	Ø 34.9
	Oil equalizing	Type	Flare connection							
		Diameter (OD)	mm	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	Heat Insulation	Both liquid, gas and oil equalizing pipe								
	Max. total length	m	300	300	300	300	300	300	300	300
DEFROST METHOD	Reversed cycle									
DEFROST CONTROL	Sensor for outdoor heat exchanger temperature									
CAPACITY CONTROL METHOD	Inverter controlled									
CAPACITY CONTROL [%]	4 to 100		4 to 100		4 to 100		4 to 100		3 to 100	
SAFETY DEVICES	HPS									
	Fan motor overcurrent protector									
	Inverter overload protector									
	Over current relay									
	PC board fuse									
STANDARD ACCESSORIES	Item	Installation and operation manual								
	Quantity	3								
	Item	Connection pipes								
	Quantity	18								
	Item	Clamps								
	Quantity	36								
	Item	Additional refrigerant label								
Quantity	3									

3TW25931-3

NOTES

- 1 Nominal cooling capacities are based on:
 - indoor temperature: 27°CDB, 19°CWB
 - outdoor temperature: 35°CDB
 - equivalent refrigerant piping: 7.5m
 - level difference: 0m.
- 2 Nominal heating capacities are based on:
 - indoor temperature: 20°CDB
 - outdoor temperature: 7°CDB, 6°CWB
 - equivalent refrigerant piping: 7.5m
 - level difference: 0m.
- 3 Sound power level is an absolute value that a sound source generates.
- 4 Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.
- 5 Sound values are measured in a semi-anechoic room..

1 Specifications

1-3 Electrical specifications

1-3-1 8,10HP

			REYQ8M7W1B	REYQ10M7W1B	
POWER SUPPLY	Name		W1	W1	
	Phase		3N~	3N~	
	Frequency	Hz	50	50	
	Voltage	V	400	400	
CURRENT	Nominal running current (RLA)	Cooling	A	10.40	13.90
		Heating	A	10.30	14.40
	Starting current (MSC)		A	74.00	74.00
	Minimum circuit amps (MCA)		A	19.50	22.80
	Maximum fuse amps (MFA)		A	32.00	32.00
	Total overcurrent amps (TOCA)		A	27.80	27.80
	Full load amps (FLA)		A	0.7 (fan motor)	0.7 (fan motor)
	VOLTAGE RANGE	Minimum		V	360
Maximum		V	440	440	
WIRING CONNECTIONS	For power supply	Quantity	5		
		Remark	Earth wire included		
	For connection with indoor	Quantity	2		
		Remark	P1-P2		
POWER SUPPLY INTAKE			Both indoor and outdoor unit	Both indoor and outdoor unit	

3TW25931-1

NOTES

- 1 MCA/MFA:
 - MCA = 1.25 x maximum RLA + other RLA + EA FLA, MFA is smaller than 4 or equal to 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A
 - MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)
 - MSC means the maximum current during start up of the compressor
 - Maximum allowable voltage range variation between phases is 2%
- 2 RLA is based on following conditions:
 - indoor temperature : 27°CDB/19°CWB
 - outdoor temperature: 35°CDB
- 3 Select wire size based on the value of MCA or TOCA
- 4 TOCA means the total value of each OC set
- 5 Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits
- 6 For more details concerning conditional connections, see <http://www.daikineurope.com/extranet>, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

1 Specifications

1-3 Electrical specifications

1-3-2 12,14,16HP

			REYQ12M7W1B	REYQ14M7W1B	REYQ16M7W1B	
POWER SUPPLY	Name		W1	W1	W1	
	Phase		3N~	3N~	3N~	
	Frequency	Hz	50	50	50	
	Voltage	V	400	400	400	
CURRENT	Nominal running current (RLA)	Cooling	A	16.00	21.60	23.50
		Heating	A	16.30	19.50	21.10
	Starting current (MSC)		A	75.00	93.00	95.00
	Minimum circuit amps (MCA)		A	23.30	33.40	33.40
	Maximum fuse amps (MFA)		A	32.00	50.00	50.00
	Total overcurrent amps (TOCA)		A	28.30	41.30	41.30
	Full load amps (FLA)		A	1.1 (fan motor)	1.1 (fan motor)	1.1 (fan motor)
	VOLTAGE RANGE	Minimum		V	360	360
Maximum		V	440	440	440	
WIRING CONNECTIONS	For power supply	Quantity		5	5	5
		Remark	Earth wire included			
	For connection with indoor	Quantity		2	2	2
		Remark		P1-P2	P1-P2	P1-P2
POWER SUPPLY INTAKE			Both indoor and outdoor unit			

3TW25951-1

NOTES

- 1 MCA/MFA:
 - MCA = 1.25 x maximum RLA + other RLA + EA FLA, MFA is smaller than 4 or equal to 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A
 - MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)
 - MSC means the maximum current during start up of the compressor
 - Maximum allowable voltage range variation between phases is 2%
- 2 RLA is based on following conditions:
 - indoor temperature : 27°CDB, 19°CWB
 - outdoor temperature: 35°CDB
- 3 Select wire size based on the value of MCA or TOCA
- 4 TOCA means the total value of each OC set
- 5 Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits
- 6 For more details concerning conditional connections, see <http://www.daikineurope.com/extranet>, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

1 Specifications

1-3 Electrical specifications

1-3-3 18-32HP

REYQ-M7W1B			18	20	22	24	26	28	30	32	
POWER SUPPLY	Name		W1	W1	W1	W1	W1	W1	W1	W1	
	Phase		3N~	3N~	3N~	3N~	3N~	3N~	3N~	3N~	
	Frequency	Hz	50	50	50	50	50	50	50	50	
	Voltage	V	400	400	400	400	400	400	400	400	
CURRENT	Nominal running current (RLA)	Cooling	A	24.30	27.80	29.90	35.50	37.40	39.50	45.10	47.00
		Heating	A	24.60	28.70	30.70	33.80	35.40	37.40	40.60	42.30
	Starting current (MSC)		A	94.00	94.00	94.00	104.00	106.00	106.00	116.00	117.00
	Minimum circuit amps (MCA)		A	42.60	45.60	46.10	56.20	56.20	56.70	66.80	66.80
	Maximum fuse amps (MFA)		A	63.00	63.00	63.00	80.00	80.00	80.00	100.00	100.00
	Total overcurrent amps (TOCA)		A	55.60	55.60	56.10	69.10	69.10	69.70	82.70	82.70
	Full load amps (FLA)		A	1.4 (fan motor)	1.4 (fan motor)	1.8 (fan motor)	1.8 (fan motor)	1.8 (fan motor)	2.2 (fan motor)	2.2 (fan motor)	2.2 (fan motor)
VOLTAGE RANGE	Minimum		V	360	360	360	360	360	360	360	
	Maximum		V	440	440	440	440	440	440	440	
WIRING CONNECTIONS	For power supply	Quantity	5	5	5	5	5	5	5	5	
		Remark	Earth wire included								
	For connection with indoor	Quantity	2	2	2	2	2	2	2	2	
		Remark	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	
POWER SUPPLY INTAKE			Both indoor and outdoor unit								

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NOTES

- MCA/MFA:**
 - MCA = 1.25 x maximum RLA + other RLA + EA FLA, MFA is smaller than 4 or equal to 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A
 - MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)
 - MSC means the maximum current during start up of the compressor
 - Maximum allowable voltage range variation between phases is 2%
- RLA is based on following conditions:**
 - indoor temperature: 27°CDB/19°CWB
 - outdoor temperature: 35°CDB
- Select wire size based on the value of MCA or TOCA
- TOCA means the total value of each OC set
- Voltage range :** units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits
- For more details concerning conditional connections, see <http://www.daikineurope.com/extranet>, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

1 Specifications

1-3 Electrical specifications

1-3-4 34-48HP

REYQ-M7W1B			34	36	38	40	42	44	46	48	
POWER SUPPLY	Name		W1	W1	W1	W1	W1	W1	W1	W1	
	Phase		3N~	3N~	3N~	3N~	3N~	3N~	3N~	3N~	
	Frequency	Hz	50	50	50	50	50	50	50	50	
	Voltage	V	400	400	400	400	400	400	400	400	
CURRENT	Nominal running current (RLA)	Cooling	A	49.40	51.30	53.40	59.00	60.90	57.10	68.60	70.50
		Heating	A	48.20	49.80	51.70	54.90	56.70	53.00	61.70	63.30
	Starting current (MSC)		A	123.00	125.00	126.00	135.00	137.00	138.00	147.00	148.00
	Minimum circuit amps (MCA)		A	79.00	79.00	79.50	89.60	89.60	90.10	100.20	100.20
	Maximum fuse amps (MFA)		A	100.00	100.00	100.00	125.00	125.00	125.00	125.00	125.00
	Total overcurrent amps (TOCA)		A	96.90	96.90	97.50	110.50	110.50	110.00	124.00	124.00
	Full load amps (FLA)		A	2.5 (fan motor)	2.5 (fan motor)	2.9 (fan motor)	2.9 (fan motor)	2.9 (fan motor)	3.3 (fan motor)	3.3 (fan motor)	3.3 (fan motor)
	VOLTAGE RANGE	Minimum		V	360	360	360	360	360	360	360
Maximum		V	440	440	440	440	440	440	440		
WIRING CONNECTIONS	For power supply	Quantity		5	5	5	5	5	5	5	
		Remark	Earth wire included								
	For connection with indoor	Quantity		2	2	2	2	2	2	2	2
		Remark		P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2	P1-P2
POWER SUPPLY INTAKE			Both indoor and outdoor unit								

3TW25931-3

NOTES

- MCA/MFA:**
 - MCA = 1.25 x maximum RLA + other RLA + EA FLA, MFA is smaller than 4 or equal to 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A
 - MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)
 - MSC means the maximum current during start up of the compressor
 - Maximum allowable voltage range variation between phases is 2%
- RLA is based on following conditions:**
 - indoor temperature: 27°CDB/19°CWB
 - outdoor temperature: 35°CDB
- Select wire size based on the value of MCA or TOCA**
- TOCA means the total value of each OC set**
- Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits**
- For more details concerning conditional connections, see <http://www.daikineurope.com/extranet>, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.**

2 Accessories

REYQ-M	8, 10		12, 14, 16	
REFNET HEADER	KHRQ23M29H7		KHRQ23M29H7 KHRQ23M64H7	
REFNET JOINT	KHRQ23M20T7, KHRQ23M29T7		KHRQ23M20T7, KHRQ23M29T7, KHRQ23M64T7	
CENTRAL DRAIN PAN KIT	KWC26B280		KWC26B450	

REYQ-M	18, 20	22, 24, 26	28	30, 32
REFNET HEADER	KHRQ23M29H7, KHRQ23M64H7, KHRQ23M75H7			
REFNET JOINT	KHRQ23M20T7, KHRQ23M29T7, KHRQ23M64T7, KHRQ23M75T7			
OUTDOOR UNIT MULTI CONNECTION PIPING KIT	BHFQ23M907			
CENTRAL DRAIN PAN KIT	KWC26B280 x 2	KWC26B280 KWC26B450	KWC26B450 x 2	KWC26B450 x 2

REYQ-M	34, 36	38	40, 42	44,46,48
REFNET HEADER	KHRQ23M29H7, KHRQ23M64H7, KHRQ23M75H7			
REFNET JOINT	KHRQ23M20T7, KHRQ23M29T7, KHRQ23M64T7, KHRQ23M75T7			
OUTDOOR UNIT MULTI CONNECTION PIPING KIT	BHFQ23M1357			
CENTRAL DRAIN PAN KIT	KWC26B280 x 2 KWC26B450	KWC26B280 KWC26B450 x 2	KWC26B280 KWC26B450 x 2	KWC26B450 x 3

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3 Capacity tables

3-1 Cooling capacity

3-1-1 8HP

8HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW		kW		kW		kW		kW		kW		kW	
130	260	10	19.7	3.21	23.4	3.93	27.2	4.67	29.1	4.77	29.7	4.67	30.4	4.48	31.1	4.28
		12	19.7	3.27	23.4	4.00	27.2	4.76	29.0	4.75	29.3	4.65	30.0	4.45	30.7	4.27
		14	19.7	3.33	23.4	4.08	27.2	4.82	28.6	4.72	28.9	4.62	29.6	4.48	30.4	4.53
		16	19.7	3.39	23.4	4.16	27.2	4.80	28.2	4.70	28.6	4.69	29.3	4.74	30.0	4.78
		18	19.7	3.46	23.4	4.24	27.2	4.90	27.8	4.93	28.2	4.95	28.9	5.00	29.6	5.05
		20	19.7	3.53	23.4	4.46	27.1	5.15	27.4	5.18	27.8	5.20	28.5	5.26	29.2	5.31
		21	19.7	3.58	23.4	4.62	26.9	5.28	27.2	5.31	27.6	5.33	28.3	5.39	29.0	5.44
		23	19.7	3.85	23.4	4.97	26.5	5.53	26.9	5.56	27.2	5.59	27.9	5.65	28.6	5.70
		25	19.7	4.12	23.4	5.33	26.1	5.79	26.5	5.82	26.8	5.85	27.5	5.91	28.3	5.97
		27	19.7	4.41	23.4	5.71	25.7	6.04	26.1	6.07	26.5	6.11	27.2	6.17	27.9	6.23
		29	19.7	4.72	23.4	6.11	25.4	6.30	25.7	6.33	26.1	6.37	26.8	6.43	27.5	6.50
		31	19.7	5.04	23.4	6.48	25.0	6.55	25.3	6.59	25.7	6.63	26.4	6.70	27.1	6.77
		33	19.7	5.38	23.4	6.74	24.6	6.81	25.0	6.85	25.3	6.89	26.0	6.96	26.7	7.04
		35	19.7	5.74	23.4	6.99	24.2	7.07	24.6	7.11	24.9	7.15	25.6	7.23	26.3	7.31
		37	19.7	6.12	23.1	7.25	23.8	7.33	24.2	7.38	24.5	7.42	25.2	7.50	26.0	7.59
		39	19.7	6.52	22.7	7.51	23.4	7.59	23.8	7.64	24.2	7.68	24.9	7.77	25.6	7.86
120	240	10	18.1	2.93	21.6	3.58	25.1	4.26	26.9	4.60	28.6	4.80	29.9	4.62	30.6	4.43
		12	18.1	2.99	21.6	3.65	25.1	4.34	26.9	4.69	28.6	4.77	29.5	4.59	30.2	4.40
		14	18.1	3.04	21.6	3.72	25.1	4.42	26.9	4.78	28.5	4.75	29.1	4.56	29.8	4.49
		16	18.1	3.10	21.6	3.79	25.1	4.51	26.9	4.82	28.1	4.72	28.8	4.71	29.4	4.75
		18	18.1	3.16	21.6	3.87	25.1	4.60	26.9	4.90	27.7	4.92	28.4	4.96	29.0	5.01
		20	18.1	3.22	21.6	3.96	25.1	4.94	26.9	5.15	27.3	5.17	28.0	5.22	28.7	5.27
		21	18.1	3.25	21.6	4.11	25.1	5.13	26.8	5.27	27.2	5.30	27.8	5.35	28.5	5.40
		23	18.1	3.44	21.6	4.41	25.1	5.50	26.4	5.53	26.8	5.55	27.4	5.61	28.1	5.66
		25	18.1	3.68	21.6	4.73	25.1	5.75	26.1	5.78	26.4	5.81	27.0	5.86	27.7	5.92
		27	18.1	3.94	21.6	5.07	25.1	6.01	25.7	6.04	26.0	6.07	26.7	6.12	27.3	6.18
		29	18.1	4.21	21.6	5.43	25.0	6.26	25.3	6.29	25.6	6.32	26.3	6.38	26.9	6.45
		31	18.1	4.49	21.6	5.80	24.6	6.51	24.9	6.55	25.2	6.58	25.9	6.65	26.5	6.71
		33	18.1	4.79	21.6	6.20	24.2	6.77	24.5	6.81	24.9	6.84	25.5	6.91	26.2	6.98
		35	18.1	5.11	21.6	6.61	23.8	7.03	24.1	7.06	24.5	7.10	25.1	7.18	25.8	7.25
		37	18.1	5.44	21.6	7.06	23.4	7.29	23.8	7.32	24.1	7.36	24.7	7.44	25.4	7.52
		39	18.1	5.80	21.6	7.46	23.1	7.55	23.4	7.59	23.7	7.63	24.4	7.71	25.0	7.79
110	220	10	16.6	2.66	19.8	3.24	23.0	3.85	24.6	4.16	26.2	4.48	29.4	4.75	30.0	4.59
		12	16.6	2.71	19.8	3.30	23.0	3.92	24.6	4.24	26.2	4.56	29.0	4.73	29.6	4.56
		14	16.6	2.76	19.8	3.37	23.0	4.00	24.6	4.32	26.2	4.65	28.6	4.70	29.2	4.53
		16	16.6	2.81	19.8	3.43	23.0	4.08	24.6	4.41	26.2	4.74	28.3	4.68	28.9	4.71
		18	16.6	2.86	19.8	3.50	23.0	4.16	24.6	4.49	26.2	4.89	27.9	4.93	28.5	4.97
		20	16.6	2.92	19.8	3.57	23.0	4.34	24.6	4.80	26.2	5.14	27.5	5.18	28.1	5.23
		21	16.6	2.95	19.8	3.63	23.0	4.51	24.6	4.98	26.2	5.27	27.3	5.31	27.9	5.36
		23	16.6	3.06	19.8	3.90	23.0	4.84	24.6	5.35	26.2	5.52	26.9	5.57	27.5	5.61
		25	16.6	3.27	19.8	4.17	23.0	5.19	24.6	5.75	25.9	5.77	26.5	5.82	27.1	5.87
		27	16.6	3.50	19.8	4.47	23.0	5.56	24.6	6.00	25.6	6.02	26.2	6.08	26.8	6.13
		29	16.6	3.73	19.8	4.78	23.0	5.96	24.6	6.25	25.2	6.28	25.8	6.34	26.4	6.39
		31	16.6	3.98	19.8	5.10	23.0	6.37	24.5	6.51	24.8	6.54	25.4	6.60	26.0	6.66
		33	16.6	4.24	19.8	5.45	23.0	6.73	24.1	6.76	24.4	6.79	25.0	6.86	25.6	6.92
		35	16.6	4.52	19.8	5.81	23.0	7.08	23.7	7.02	24.0	7.05	24.6	7.12	25.2	7.19
		37	16.6	4.81	19.8	6.20	23.0	7.24	23.3	7.27	23.6	7.31	24.2	7.38	24.8	7.45
		39	16.6	5.12	19.8	6.61	22.7	7.50	23.0	7.53	23.3	7.57	23.9	7.65	24.5	7.72
100	200	10	15.1	2.40	18.0	2.91	20.9	3.45	22.4	3.73	23.9	4.01	26.8	4.58	29.5	4.74
		12	15.1	2.44	18.0	2.97	20.9	3.52	22.4	3.80	23.9	4.09	26.8	4.67	29.1	4.72
		14	15.1	2.49	18.0	3.02	20.9	3.58	22.4	3.87	23.9	4.16	26.8	4.76	28.7	4.69
		16	15.1	2.53	18.0	3.08	20.9	3.65	22.4	3.95	23.9	4.24	26.8	4.82	28.3	4.68
		18	15.1	2.58	18.0	3.14	20.9	3.72	22.4	4.02	23.9	4.33	26.8	4.90	27.9	4.93
		20	15.1	2.63	18.0	3.20	20.9	3.80	22.4	4.17	23.9	4.57	26.8	5.15	27.5	5.19
		21	15.1	2.65	18.0	3.23	20.9	3.92	22.4	4.32	23.9	4.74	26.8	5.27	27.4	5.31
		23	15.1	2.71	18.0	3.41	20.9	4.21	22.4	4.64	23.9	5.10	26.4	5.53	27.0	5.57
		25	15.1	2.88	18.0	3.65	20.9	4.51	22.4	4.98	23.9	5.47	26.0	5.78	26.6	5.83
		27	15.1	3.08	18.0	3.91	20.9	4.83	22.4	5.34	23.9	5.86	25.7	6.03	26.2	6.08
		29	15.1	3.28	18.0	4.17	20.9	5.17	22.4	5.71	23.9	6.24	25.3	6.29	25.8	6.34
		31	15.1	3.50	18.0	4.45	20.9	5.53	22.4	6.11	23.9	6.49	24.9	6.55	25.4	6.60
		33	15.1	3.73	18.0	4.75	20.9	5.90	22.4	6.53	23.9	6.75	24.5	6.80	25.1	6.86
		35	15.1	3.97	18.0	5.06	20.9	6.30	22.4	6.97	23.6	7.00	24.1	7.06	24.7	7.12
		37	15.1	4.22	18.0	5.40	20.9	6.72	22.4	7.22	23.2	7.26	23.7	7.32	24.3	7.39
		39	15.1	4.49	18.0	5.75	20.9	7.17	22.4	7.48	22.8	7.52	23.4	7.58	23.9	7.65

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-1 8HP

8HP			Indoor air temperature: °CWB													
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	180	10	13.6	2.15	16.2	2.59	18.8	3.06	20.2	3.30	21.5	3.55	24.1	4.06	26.7	4.57
		12	13.6	2.19	16.2	2.64	18.8	3.12	20.2	3.36	21.5	3.62	24.1	4.13	26.7	4.66
		14	13.6	2.22	16.2	2.69	18.8	3.18	20.2	3.43	21.5	3.69	24.1	4.21	26.7	4.75
		16	13.6	2.26	16.2	2.74	18.8	3.24	20.2	3.49	21.5	3.76	24.1	4.29	26.7	4.82
		18	13.6	2.30	16.2	2.79	18.8	3.30	20.2	3.56	21.5	3.83	24.1	4.38	26.7	4.89
		20	13.6	2.35	16.2	2.84	18.8	3.37	20.2	3.63	21.5	3.92	24.1	4.46	26.7	5.15
		21	13.6	2.37	16.2	2.87	18.8	3.40	20.2	3.71	21.5	4.07	24.1	4.81	26.7	5.27
		23	13.6	2.41	16.2	2.96	18.8	3.63	20.2	3.99	21.5	4.37	24.1	5.17	26.4	5.52
		25	13.6	2.52	16.2	3.16	18.8	3.88	20.2	4.27	21.5	4.68	24.1	5.55	26.0	5.78
		27	13.6	2.69	16.2	3.38	18.8	4.16	20.2	4.57	21.5	5.01	24.1	5.95	25.6	6.03
		29	13.6	2.87	16.2	3.61	18.8	4.44	20.2	4.89	21.5	5.36	24.1	6.24	25.3	6.29
		31	13.6	3.05	16.2	3.85	18.8	4.74	20.2	5.23	21.5	5.73	24.1	6.50	24.9	6.54
		33	13.6	3.25	16.2	4.10	18.8	5.06	20.2	5.58	21.5	6.13	24.0	6.75	24.5	6.80
		35	13.6	3.45	16.2	4.37	18.8	5.40	20.2	5.95	21.5	6.54	23.6	7.01	24.1	7.06
		37	13.6	3.67	16.2	4.65	18.8	5.75	20.2	6.35	21.5	6.98	23.2	7.26	23.7	7.32
		39	13.6	3.90	16.2	4.95	18.8	6.13	20.2	6.77	21.5	7.44	22.9	7.52	23.4	7.58
80	160	10	12.1	1.91	14.4	2.29	16.8	2.69	17.9	2.89	19.1	3.10	21.4	3.54	23.7	3.99
		12	12.1	1.94	14.4	2.32	16.8	2.73	17.9	2.95	19.1	3.16	21.4	3.61	23.7	4.06
		14	12.1	1.97	14.4	2.37	16.8	2.78	17.9	3.00	19.1	3.22	21.4	3.68	23.7	4.14
		16	12.1	2.00	14.4	2.41	16.8	2.84	17.9	3.06	19.1	3.28	21.4	3.75	23.7	4.22
		18	12.1	2.04	14.4	2.45	16.8	2.89	17.9	3.12	19.1	3.35	21.4	3.82	23.7	4.31
		20	12.1	2.08	14.4	2.50	16.8	2.95	17.9	3.18	19.1	3.41	21.4	3.91	23.7	4.54
		21	12.1	2.09	14.4	2.52	16.8	2.97	17.9	3.21	19.1	3.45	21.4	4.05	23.7	4.71
		23	12.1	2.13	14.4	2.57	16.8	3.09	17.9	3.38	19.1	3.69	21.4	4.35	23.7	5.06
		25	12.1	2.18	14.4	2.71	16.8	3.30	17.9	3.62	19.1	3.95	21.4	4.66	23.7	5.43
		27	12.1	2.33	14.4	2.90	16.8	3.53	17.9	3.87	19.1	4.23	21.4	4.99	23.7	5.82
		29	12.1	2.48	14.4	3.09	16.8	3.77	17.9	4.14	19.1	4.52	21.4	5.34	23.7	6.24
		31	12.1	2.64	14.4	3.29	16.8	4.02	17.9	4.42	19.1	4.83	21.4	5.71	23.7	6.49
		33	12.1	2.80	14.4	3.50	16.8	4.29	17.9	4.71	19.1	5.15	21.4	6.10	23.7	6.74
		35	12.1	2.97	14.4	3.73	16.8	4.57	17.9	5.02	19.1	5.50	21.4	6.51	23.6	7.00
		37	12.1	3.16	14.4	3.96	16.8	4.86	17.9	5.35	19.1	5.86	21.4	6.95	23.2	7.25
		39	12.1	3.35	14.4	4.21	16.8	5.18	17.9	5.70	19.1	6.24	21.4	7.41	22.8	7.51
70	140	10	10.6	1.68	12.6	1.99	14.7	2.32	15.7	2.50	16.7	2.68	18.7	3.04	20.8	3.42
		12	10.6	1.70	12.6	2.02	14.7	2.36	15.7	2.54	16.7	2.72	18.7	3.10	20.8	3.48
		14	10.6	1.73	12.6	2.06	14.7	2.41	15.7	2.59	16.7	2.77	18.7	3.15	20.8	3.55
		16	10.6	1.76	12.6	2.09	14.7	2.45	15.7	2.64	16.7	2.82	18.7	3.22	20.8	3.62
		18	10.6	1.79	12.6	2.13	14.7	2.50	15.7	2.68	16.7	2.88	18.7	3.28	20.8	3.69
		20	10.6	1.82	12.6	2.17	14.7	2.54	15.7	2.74	16.7	2.93	18.7	3.34	20.8	3.76
		21	10.6	1.83	12.6	2.19	14.7	2.57	15.7	2.76	16.7	2.96	18.7	3.38	20.8	3.88
		23	10.6	1.86	12.6	2.23	14.7	2.62	15.7	2.83	16.7	3.07	18.7	3.60	20.8	4.16
		25	10.6	1.90	12.6	2.30	14.7	2.77	15.7	3.02	16.7	3.29	18.7	3.85	20.8	4.46
		27	10.6	1.99	12.6	2.45	14.7	2.96	15.7	3.23	16.7	3.52	18.7	4.12	20.8	4.78
		29	10.6	2.12	12.6	2.61	14.7	3.15	15.7	3.45	16.7	3.75	18.7	4.41	20.8	5.11
		31	10.6	2.25	12.6	2.78	14.7	3.36	15.7	3.68	16.7	4.00	18.7	4.70	20.8	5.46
		33	10.6	2.39	12.6	2.95	14.7	3.58	15.7	3.92	16.7	4.27	18.7	5.02	20.8	5.83
		35	10.6	2.53	12.6	3.14	14.7	3.81	15.7	4.17	16.7	4.55	18.7	5.35	20.8	6.23
		37	10.6	2.69	12.6	3.33	14.7	4.05	15.7	4.44	16.7	4.84	18.7	5.71	20.8	6.64
		39	10.6	2.84	12.6	3.54	14.7	4.30	15.7	4.72	16.7	5.15	18.7	6.08	20.8	7.08
60	120	10	9.07	1.46	10.8	1.71	12.6	1.98	13.4	2.12	14.3	2.27	16.1	2.56	17.8	2.87
		12	9.07	1.48	10.8	1.74	12.6	2.02	13.4	2.16	14.3	2.31	16.1	2.61	17.8	2.92
		14	9.07	1.50	10.8	1.77	12.6	2.05	13.4	2.20	14.3	2.35	16.1	2.66	17.8	2.98
		16	9.07	1.52	10.8	1.80	12.6	2.08	13.4	2.23	14.3	2.39	16.1	2.71	17.8	3.04
		18	9.07	1.55	10.8	1.83	12.6	2.12	13.4	2.27	14.3	2.43	16.1	2.76	17.8	3.09
		20	9.07	1.57	10.8	1.86	12.6	2.16	13.4	2.32	14.3	2.48	16.1	2.81	17.8	3.15
		21	9.07	1.58	10.8	1.87	12.6	2.18	13.4	2.34	14.3	2.50	16.1	2.84	17.8	3.19
		23	9.07	1.61	10.8	1.91	12.6	2.22	13.4	2.38	14.3	2.55	16.1	2.92	17.8	3.35
		25	9.07	1.64	10.8	1.94	12.6	2.29	13.4	2.48	14.3	2.69	16.1	3.12	17.8	3.59
		27	9.07	1.69	10.8	2.04	12.6	2.44	13.4	2.65	14.3	2.87	16.1	3.34	17.8	3.84
		29	9.07	1.79	10.8	2.17	12.6	2.60	13.4	2.82	14.3	3.06	16.1	3.56	17.8	4.10
		31	9.07	1.90	10.8	2.31	12.6	2.76	13.4	3.00	14.3	3.26	16.1	3.80	17.8	4.38
		33	9.07	2.01	10.8	2.45	12.6	2.94	13.4	3.20	14.3	3.47	16.1	4.05	17.8	4.67
		35	9.07	2.13	10.8	2.60	12.6	3.12	13.4	3.40	14.3	3.69	16.1	4.31	17.8	4.98
		37	9.07	2.25	10.8	2.76	12.6	3.31	13.4	3.61	14.3	3.92	16.1	4.59	17.8	5.30
		39	9.07	2.38	10.8	2.92	12.6	3.52	13.4	3.83	14.3	4.17	16.1	4.88	17.8	5.65

3 Capacity tables

3-1 Cooling capacity

3-1-1 8HP

8HP		Indoor air temperature: °CWB														TC: Total capacity ; PI: Power input	
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0		
			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	kW
50	100	10	7.56	1.25	9.02	1.45	10.5	1.66	11.2	1.77	11.9	1.88	13.4	2.11	14.8	2.36	
		12	7.56	1.27	9.02	1.47	10.5	1.69	11.2	1.80	11.9	1.91	13.4	2.15	14.8	2.40	
		14	7.56	1.29	9.02	1.49	10.5	1.71	11.2	1.83	11.9	1.94	13.4	2.19	14.8	2.44	
		16	7.56	1.31	9.02	1.52	10.5	1.74	11.2	1.86	11.9	1.98	13.4	2.22	14.8	2.48	
		18	7.56	1.32	9.02	1.54	10.5	1.77	11.2	1.89	11.9	2.01	13.4	2.26	14.8	2.53	
		20	7.56	1.34	9.02	1.56	10.5	1.80	11.2	1.92	11.9	2.05	13.4	2.31	14.8	2.58	
		21	7.56	1.35	9.02	1.58	10.5	1.81	11.2	1.94	11.9	2.06	13.4	2.33	14.8	2.60	
		23	7.56	1.37	9.02	1.60	10.5	1.85	11.2	1.97	11.9	2.10	13.4	2.37	14.8	2.65	
		25	7.56	1.39	9.02	1.63	10.5	1.88	11.2	2.01	11.9	2.15	13.4	2.47	14.8	2.81	
		27	7.56	1.42	9.02	1.68	10.5	1.97	11.2	2.13	11.9	2.29	13.4	2.63	14.8	3.01	
		29	7.56	1.49	9.02	1.78	10.5	2.09	11.2	2.26	11.9	2.44	13.4	2.81	14.8	3.21	
		31	7.56	1.58	9.02	1.89	10.5	2.22	11.2	2.40	11.9	2.59	13.4	2.99	14.8	3.42	
		33	7.56	1.67	9.02	2.00	10.5	2.36	11.2	2.55	11.9	2.75	13.4	3.18	14.8	3.64	
		35	7.56	1.76	9.02	2.12	10.5	2.50	11.2	2.71	11.9	2.92	13.4	3.38	14.8	3.87	
		37	7.56	1.86	9.02	2.24	10.5	2.65	11.2	2.87	11.9	3.10	13.4	3.59	14.8	4.12	
		39	7.56	1.97	9.02	2.37	10.5	2.81	11.2	3.05	11.9	3.29	13.4	3.81	14.8	4.38	

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3 Capacity tables

3-1 Cooling capacity

3-1-2 10HP

10HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW		kW		kW		kW		kW		kW		kW		
130	325	10	24.6	4.14	29.3	5.07	34.0	6.03	36.4	6.16	37.1	6.04	38.0	5.78	38.9	5.52
		12	24.6	4.22	29.3	5.17	34.0	6.15	36.2	6.13	36.7	6.00	37.5	5.74	38.4	5.65
		14	24.6	4.30	29.3	5.27	34.0	6.23	35.7	6.10	36.2	5.97	37.1	5.92	37.9	5.97
		16	24.6	4.38	29.3	5.37	34.0	6.19	35.3	6.15	35.7	6.18	36.6	6.24	37.5	6.30
		18	24.6	4.47	29.3	5.48	34.0	6.43	34.8	6.46	35.2	6.50	36.1	6.56	37.0	6.62
		20	24.6	4.56	29.3	5.83	33.9	6.75	34.3	6.78	34.7	6.81	35.6	6.88	36.5	6.95
		21	24.6	4.69	29.3	6.04	33.6	6.90	34.1	6.94	34.5	6.97	35.4	7.04	36.3	7.11
		23	24.6	5.02	29.3	6.48	33.1	7.22	33.6	7.25	34.0	7.29	34.9	7.36	35.8	7.44
		25	24.6	5.36	29.3	6.94	32.7	7.53	33.1	7.57	33.5	7.61	34.4	7.69	35.3	7.77
		27	24.6	5.73	29.3	7.42	32.2	7.85	32.6	7.89	33.1	7.93	34.0	8.02	34.8	8.10
		29	24.6	6.12	29.3	7.93	31.7	8.17	32.1	8.21	32.6	8.26	33.5	8.34	34.4	8.43
		31	24.6	6.52	29.3	8.40	31.2	8.49	31.7	8.53	32.1	8.58	33.0	8.67	33.9	8.77
		33	24.6	6.95	29.3	8.71	30.7	8.81	31.2	8.86	31.6	8.91	32.5	9.01	33.4	9.10
		35	24.6	7.41	29.3	9.03	30.3	9.13	30.7	9.18	31.2	9.24	32.0	9.34	32.9	9.44
37	24.6	7.89	28.9	9.35	29.8	9.46	30.2	9.51	30.7	9.57	31.6	9.67	32.4	9.78		
39	24.6	8.40	28.4	9.67	29.3	9.78	29.8	9.84	30.2	9.90	31.1	10.0	32.0	10.1		
120	300	10	22.7	3.79	27.0	4.63	31.4	5.50	33.6	5.95	35.8	6.19	37.4	5.96	38.2	5.73
		12	22.7	3.86	27.0	4.71	31.4	5.60	33.6	6.06	35.8	6.16	36.9	5.93	37.7	5.69
		14	22.7	3.93	27.0	4.80	31.4	5.71	33.6	6.17	35.6	6.13	36.4	5.89	37.3	5.93
		16	22.7	4.00	27.0	4.90	31.4	5.82	33.6	6.22	35.1	6.14	36.0	6.20	36.8	6.25
		18	22.7	4.08	27.0	4.99	31.4	6.02	33.6	6.43	34.7	6.46	35.5	6.51	36.3	6.57
		20	22.7	4.16	27.0	5.19	31.4	6.47	33.6	6.74	34.2	6.77	35.0	6.83	35.8	6.89
		21	22.7	4.20	27.0	5.37	31.4	6.71	33.5	6.90	33.9	6.93	34.8	6.99	35.6	7.06
		23	22.7	4.49	27.0	5.76	31.4	7.18	33.1	7.21	33.5	7.24	34.3	7.31	35.1	7.38
		25	22.7	4.79	27.0	6.16	31.4	7.49	32.6	7.53	33.0	7.56	33.8	7.63	34.6	7.71
		27	22.7	5.12	27.0	6.59	31.4	7.80	32.1	7.84	32.5	7.88	33.3	7.96	34.1	8.03
		29	22.7	5.46	27.0	7.04	31.2	8.12	31.6	8.16	32.0	8.20	32.8	8.28	33.7	8.36
		31	22.7	5.82	27.0	7.51	30.7	8.44	31.1	8.48	31.6	8.52	32.4	8.61	33.2	8.69
		33	22.7	6.20	27.0	8.01	30.3	8.76	30.7	8.80	31.1	8.85	31.9	8.94	32.7	9.03
		35	22.7	6.60	27.0	8.54	29.8	9.07	30.2	9.12	30.6	9.17	31.4	9.27	32.2	9.36
37	22.7	7.02	27.0	9.10	29.3	9.40	29.7	9.45	30.1	9.50	30.9	9.60	31.8	9.70		
39	22.7	7.47	27.0	9.61	28.8	9.72	29.2	9.77	29.6	9.82	30.5	9.93	31.3	10.0		
110	275	10	20.8	3.44	24.8	4.19	28.8	4.97	30.8	5.37	32.8	5.78	36.8	6.14	37.5	5.93
		12	20.8	3.50	24.8	4.26	28.8	5.07	30.8	5.48	32.8	5.89	36.3	6.11	37.0	5.89
		14	20.8	3.56	24.8	4.35	28.8	5.16	30.8	5.58	32.8	6.00	35.8	6.07	36.6	5.89
		16	20.8	3.63	24.8	4.43	28.8	5.26	30.8	5.69	32.8	6.12	35.3	6.16	36.1	6.21
		18	20.8	3.70	24.8	4.52	28.8	5.37	30.8	5.85	32.8	6.42	34.9	6.47	35.6	6.52
		20	20.8	3.77	24.8	4.61	28.8	5.69	30.8	6.28	32.8	6.73	34.4	6.79	35.1	6.84
		21	20.8	3.81	24.8	4.75	28.8	5.89	30.8	6.51	32.8	6.88	34.1	6.94	34.9	7.00
		23	20.8	3.99	24.8	5.08	28.8	6.31	30.8	6.98	32.8	7.20	33.7	7.26	34.4	7.32
		25	20.8	4.26	24.8	5.43	28.8	6.76	30.8	7.48	32.4	7.51	33.2	7.58	33.9	7.65
		27	20.8	4.54	24.8	5.81	28.8	7.23	30.8	7.79	31.9	7.83	32.7	7.90	33.4	7.97
		29	20.8	4.84	24.8	6.20	28.8	7.73	30.8	8.11	31.5	8.15	32.2	8.22	33.0	8.29
		31	20.8	5.15	24.8	6.61	28.8	8.25	30.6	8.42	31.0	8.46	31.7	8.54	32.5	8.62
		33	20.8	5.49	24.8	7.05	28.8	8.70	30.1	8.74	30.5	8.78	31.3	8.87	32.0	8.95
		35	20.8	5.84	24.8	7.51	28.8	9.02	29.7	9.06	30.0	9.10	30.8	9.19	31.5	9.28
37	20.8	6.21	24.8	7.99	28.8	9.34	29.2	9.38	29.6	9.43	30.3	9.52	31.1	9.61		
39	20.8	6.60	24.8	8.51	28.3	9.65	28.7	9.70	29.1	9.75	29.8	9.85	30.6	9.95		
100	250	10	18.9	3.10	22.5	3.76	26.2	4.46	28.0	4.81	29.8	5.18	33.5	5.92	36.8	6.12
		12	18.9	3.16	22.5	3.83	26.2	4.54	28.0	4.90	29.8	5.28	33.5	6.03	36.3	6.09
		14	18.9	3.21	22.5	3.90	26.2	4.63	28.0	5.00	29.8	5.38	33.5	6.14	35.9	6.06
		16	18.9	3.27	22.5	3.97	26.2	4.71	28.0	5.10	29.8	5.48	33.5	6.23	35.4	6.16
		18	18.9	3.33	22.5	4.05	26.2	4.81	28.0	5.20	29.8	5.59	33.5	6.43	34.9	6.47
		20	18.9	3.39	22.5	4.13	26.2	4.95	28.0	5.46	29.8	5.99	33.5	6.74	34.4	6.79
		21	18.9	3.43	22.5	4.17	26.2	5.13	28.0	5.65	29.8	6.20	33.5	6.89	34.2	6.95
		23	18.9	3.52	22.5	4.45	26.2	5.49	28.0	6.06	29.8	6.65	33.0	7.21	33.7	7.27
		25	18.9	3.75	22.5	4.75	26.2	5.88	28.0	6.49	29.8	7.12	32.6	7.52	33.2	7.58
		27	18.9	4.00	22.5	5.07	26.2	6.28	28.0	6.93	29.8	7.62	32.1	7.84	32.8	7.90
		29	18.9	4.26	22.5	5.41	26.2	6.71	28.0	7.41	29.8	8.09	31.6	8.16	32.3	8.23
		31	18.9	4.53	22.5	5.77	26.2	7.16	28.0	7.91	29.8	8.41	31.1	8.48	31.8	8.55
		33	18.9	4.82	22.5	6.14	26.2	7.63	28.0	8.44	29.8	8.72	30.6	8.80	31.3	8.87
		35	18.9	5.12	22.5	6.54	26.2	8.14	28.0	9.00	29.5	9.04	30.2	9.12	30.8	9.20
37	18.9	5.44	22.5	6.96	26.2	8.67	28.0	9.32	29.0	9.36	29.7	9.44	30.4	9.53		
39	18.9	5.78	22.5	7.40	26.2	9.23	28.0	9.64	28.5	9.68	29.2	9.77	29.9	9.86		

3 Capacity tables

3-1 Cooling capacity

3-1-2 10HP

10HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	225	10	17.0	2.78	20.3	3.35	23.6	3.95	25.2	4.27	26.8	4.58	30.1	5.24	33.4	5.90
		12	17.0	2.82	20.3	3.41	23.6	4.03	25.2	4.35	26.8	4.67	30.1	5.34	33.4	6.01
		14	17.0	2.87	20.3	3.47	23.6	4.10	25.2	4.43	26.8	4.76	30.1	5.44	33.4	6.13
		16	17.0	2.92	20.3	3.53	23.6	4.18	25.2	4.51	26.8	4.85	30.1	5.54	33.4	6.23
		18	17.0	2.97	20.3	3.60	23.6	4.26	25.2	4.60	26.8	4.95	30.1	5.65	33.4	6.42
		20	17.0	3.03	20.3	3.67	23.6	4.35	25.2	4.69	26.8	5.13	30.1	6.08	33.4	6.74
		21	17.0	3.06	20.3	3.71	23.6	4.42	25.2	4.86	26.8	5.32	30.1	6.30	33.4	6.89
		23	17.0	3.12	20.3	3.86	23.6	4.73	25.2	5.20	26.8	5.69	30.1	6.75	33.0	7.21
		25	17.0	3.28	20.3	4.12	23.6	5.06	25.2	5.56	26.8	6.09	30.1	7.23	32.5	7.52
		27	17.0	3.49	20.3	4.39	23.6	5.40	25.2	5.94	26.8	6.51	30.1	7.74	32.1	7.84
		29	17.0	3.72	20.3	4.68	23.6	5.76	25.2	6.35	26.8	6.96	30.1	8.10	31.6	8.16
		31	17.0	3.95	20.3	4.99	23.6	6.14	25.2	6.77	26.8	7.43	30.1	8.41	31.1	8.48
		33	17.0	4.20	20.3	5.30	23.6	6.55	25.2	7.22	26.8	7.92	30.0	8.73	30.6	8.80
		35	17.0	4.46	20.3	5.64	23.6	6.97	25.2	7.69	26.8	8.44	29.5	9.05	30.1	9.12
		37	17.0	4.73	20.3	6.00	23.6	7.42	25.2	8.19	26.8	9.00	29.1	9.37	29.7	9.44
		39	17.0	5.02	20.3	6.37	23.6	7.90	25.2	8.72	26.8	9.59	28.6	9.69	29.2	9.77
80	200	10	15.1	2.46	18.0	2.95	20.9	3.47	22.4	3.74	23.9	4.01	26.8	4.57	29.7	5.15
		12	15.1	2.50	18.0	3.00	20.9	3.53	22.4	3.80	23.9	4.08	26.8	4.66	29.7	5.25
		14	15.1	2.55	18.0	3.05	20.9	3.59	22.4	3.87	23.9	4.16	26.8	4.75	29.7	5.35
		16	15.1	2.59	18.0	3.11	20.9	3.66	22.4	3.95	23.9	4.24	26.8	4.84	29.7	5.45
		18	15.1	2.63	18.0	3.17	20.9	3.73	22.4	4.02	23.9	4.32	26.8	4.93	29.7	5.56
		20	15.1	2.68	18.0	3.23	20.9	3.80	22.4	4.10	23.9	4.41	26.8	5.11	29.7	5.95
		21	15.1	2.70	18.0	3.26	20.9	3.84	22.4	4.14	23.9	4.50	26.8	5.30	29.7	6.16
		23	15.1	2.75	18.0	3.32	20.9	4.03	22.4	4.41	23.9	4.81	26.8	5.67	29.7	6.61
		25	15.1	2.84	18.0	3.53	20.9	4.30	22.4	4.71	23.9	5.15	26.8	6.07	29.7	7.07
		27	15.1	3.02	18.0	3.76	20.9	4.59	22.4	5.03	23.9	5.50	26.8	6.49	29.7	7.57
		29	15.1	3.21	18.0	4.01	20.9	4.89	22.4	5.37	23.9	5.87	26.8	6.93	29.7	8.09
		31	15.1	3.41	18.0	4.26	20.9	5.21	22.4	5.72	23.9	6.25	26.8	7.40	29.7	8.40
		33	15.1	3.62	18.0	4.53	20.9	5.54	22.4	6.09	23.9	6.66	26.8	7.89	29.7	8.72
		35	15.1	3.84	18.0	4.81	20.9	5.90	22.4	6.48	23.9	7.10	26.8	8.41	29.5	9.04
		37	15.1	4.07	18.0	5.11	20.9	6.27	22.4	6.90	23.9	7.56	26.8	8.96	29.0	9.36
		39	15.1	4.31	18.0	5.42	20.9	6.67	22.4	7.34	23.9	8.04	26.8	9.55	28.5	9.68
70	175	10	13.2	2.17	15.8	2.57	18.3	3.00	19.6	3.23	20.9	3.45	23.4	3.93	26.0	4.42
		12	13.2	2.20	15.8	2.61	18.3	3.05	19.6	3.28	20.9	3.52	23.4	4.00	26.0	4.50
		14	13.2	2.23	15.8	2.66	18.3	3.11	19.6	3.34	20.9	3.58	23.4	4.07	26.0	4.58
		16	13.2	2.27	15.8	2.70	18.3	3.16	19.6	3.40	20.9	3.65	23.4	4.15	26.0	4.67
		18	13.2	2.31	15.8	2.75	18.3	3.22	19.6	3.47	20.9	3.72	23.4	4.23	26.0	4.76
		20	13.2	2.35	15.8	2.80	18.3	3.28	19.6	3.53	20.9	3.79	23.4	4.32	26.0	4.90
		21	13.2	2.37	15.8	2.83	18.3	3.31	19.6	3.57	20.9	3.83	23.4	4.38	26.0	5.07
		23	13.2	2.41	15.8	2.88	18.3	3.38	19.6	3.69	20.9	4.01	23.4	4.69	26.0	5.43
		25	13.2	2.45	15.8	2.99	18.3	3.61	19.6	3.94	20.9	4.28	23.4	5.02	26.0	5.81
		27	13.2	2.59	15.8	3.18	18.3	3.84	19.6	4.20	20.9	4.57	23.4	5.36	26.0	6.21
		29	13.2	2.75	15.8	3.39	18.3	4.09	19.6	4.47	20.9	4.87	23.4	5.71	26.0	6.63
		31	13.2	2.91	15.8	3.60	18.3	4.35	19.6	4.76	20.9	5.18	23.4	6.09	26.0	7.07
		33	13.2	3.09	15.8	3.82	18.3	4.63	19.6	5.06	20.9	5.52	23.4	6.49	26.0	7.54
		35	13.2	3.27	15.8	4.05	18.3	4.92	19.6	5.38	20.9	5.87	23.4	6.91	26.0	8.04
		37	13.2	3.46	15.8	4.30	18.3	5.22	19.6	5.72	20.9	6.24	23.4	7.36	26.0	8.57
		39	13.2	3.66	15.8	4.55	18.3	5.54	19.6	6.08	20.9	6.64	23.4	7.83	26.0	9.12
60	150	10	11.3	1.88	13.5	2.21	15.7	2.56	16.8	2.74	17.9	2.93	20.1	3.31	22.3	3.71
		12	11.3	1.91	13.5	2.25	15.7	2.60	16.8	2.79	17.9	2.98	20.1	3.37	22.3	3.78
		14	11.3	1.94	13.5	2.28	15.7	2.65	16.8	2.84	17.9	3.03	20.1	3.43	22.3	3.85
		16	11.3	1.97	13.5	2.32	15.7	2.69	16.8	2.88	17.9	3.08	20.1	3.49	22.3	3.92
		18	11.3	2.00	13.5	2.36	15.7	2.74	16.8	2.94	17.9	3.14	20.1	3.56	22.3	4.00
		20	11.3	2.03	13.5	2.40	15.7	2.79	16.8	2.99	17.9	3.20	20.1	3.63	22.3	4.07
		21	11.3	2.05	13.5	2.42	15.7	2.81	16.8	3.02	17.9	3.23	20.1	3.66	22.3	4.11
		23	11.3	2.08	13.5	2.46	15.7	2.87	16.8	3.08	17.9	3.29	20.1	3.81	22.3	4.37
		25	11.3	2.11	13.5	2.50	15.7	2.98	16.8	3.23	17.9	3.50	20.1	4.06	22.3	4.67
		27	11.3	2.19	13.5	2.66	15.7	3.17	16.8	3.44	17.9	3.73	20.1	4.33	22.3	4.99
		29	11.3	2.32	13.5	2.82	15.7	3.37	16.8	3.66	17.9	3.97	20.1	4.62	22.3	5.32
		31	11.3	2.46	13.5	2.99	15.7	3.58	16.8	3.89	17.9	4.22	20.1	4.92	22.3	5.67
		33	11.3	2.60	13.5	3.17	15.7	3.80	16.8	4.13	17.9	4.48	20.1	5.23	22.3	6.04
		35	11.3	2.75	13.5	3.36	15.7	4.03	16.8	4.39	17.9	4.76	20.1	5.56	22.3	6.43
		37	11.3	2.91	13.5	3.55	15.7	4.27	16.8	4.66	17.9	5.06	20.1	5.91	22.3	6.84
		39	11.3	3.07	13.5	3.76	15.7	4.53	16.8	4.94	17.9	5.37	20.1	6.28	22.3	7.27

3 Capacity tables

3-1 Cooling capacity

3-1-2 10HP

10HP			Indoor air temperature: °CWB													
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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
50	125	10	9.45	1.62	11.3	1.87	13.1	2.15	14.0	2.29	14.9	2.43	16.7	2.73	18.6	3.04
		12	9.45	1.64	11.3	1.90	13.1	2.18	14.0	2.32	14.9	2.47	16.7	2.78	18.6	3.09
		14	9.45	1.66	11.3	1.93	13.1	2.21	14.0	2.36	14.9	2.51	16.7	2.82	18.6	3.15
		16	9.45	1.69	11.3	1.96	13.1	2.25	14.0	2.40	14.9	2.55	16.7	2.87	18.6	3.21
		18	9.45	1.71	11.3	1.99	13.1	2.28	14.0	2.44	14.9	2.60	16.7	2.92	18.6	3.26
		20	9.45	1.73	11.3	2.02	13.1	2.32	14.0	2.48	14.9	2.64	16.7	2.98	18.6	3.33
		21	9.45	1.75	11.3	2.03	13.1	2.34	14.0	2.50	14.9	2.67	16.7	3.01	18.6	3.36
		23	9.45	1.77	11.3	2.07	13.1	2.38	14.0	2.55	14.9	2.71	16.7	3.06	18.6	3.44
		25	9.45	1.80	11.3	2.10	13.1	2.43	14.0	2.60	14.9	2.80	16.7	3.22	18.6	3.66
		27	9.45	1.83	11.3	2.18	13.1	2.56	14.0	2.76	14.9	2.98	16.7	3.42	18.6	3.91
		29	9.45	1.93	11.3	2.31	13.1	2.72	14.0	2.93	14.9	3.16	16.7	3.64	18.6	4.16
		31	9.45	2.04	11.3	2.44	13.1	2.88	14.0	3.11	14.9	3.36	16.7	3.87	18.6	4.42
		33	9.45	2.16	11.3	2.58	13.1	3.05	14.0	3.30	14.9	3.56	16.7	4.11	18.6	4.70
		35	9.45	2.28	11.3	2.73	13.1	3.23	14.0	3.50	14.9	3.78	16.7	4.36	18.6	5.00
		37	9.45	2.40	11.3	2.89	13.1	3.42	14.0	3.71	14.9	4.00	16.7	4.63	18.6	5.31
		39	9.45	2.53	11.3	3.05	13.1	3.62	14.0	3.92	14.9	4.24	16.7	4.91	18.6	5.64

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3 Capacity tables

3-1 Cooling capacity

3-1-3 12HP

12HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	390	10	29.4	4.86	35.1	5.95	40.7	7.07	43.6	7.22	44.4	7.07	45.5	6.78	46.5	6.47
		12	29.4	4.95	35.1	6.06	40.7	7.21	43.3	7.18	43.9	7.04	44.9	6.73	46.0	6.63
		14	29.4	5.04	35.1	6.17	40.7	7.30	42.8	7.15	43.3	6.99	44.3	6.94	45.4	7.00
		16	29.4	5.14	35.1	6.30	40.7	7.26	42.2	7.21	42.7	7.24	43.8	7.31	44.8	7.38
		18	29.4	5.24	35.1	6.42	40.7	7.54	41.6	7.58	42.1	7.61	43.2	7.69	44.3	7.76
		20	29.4	5.34	35.1	6.84	40.5	7.91	41.0	7.95	41.6	7.99	42.6	8.06	43.7	8.14
		21	29.4	5.49	35.1	7.08	40.2	8.09	40.7	8.13	41.3	8.17	42.3	8.25	43.4	8.33
		23	29.4	5.88	35.1	7.59	39.6	8.46	40.2	8.50	40.7	8.55	41.8	8.63	42.8	8.72
		25	29.4	6.29	35.1	8.13	39.1	8.83	39.6	8.88	40.1	8.92	41.2	9.01	42.3	9.11
		27	29.4	6.72	35.1	8.70	38.5	9.20	39.0	9.25	39.6	9.30	40.6	9.40	41.7	9.49
		29	29.4	7.17	35.1	9.30	37.9	9.58	38.5	9.63	39.0	9.68	40.0	9.78	41.1	9.88
		31	29.4	7.65	35.1	9.84	37.4	9.95	37.9	10.0	38.4	10.1	39.5	10.2	40.5	10.3
		33	29.4	8.15	35.1	10.2	36.8	10.3	37.3	10.4	37.8	10.4	38.9	10.6	40.0	10.7
		35	29.4	8.68	35.1	10.6	36.2	10.7	36.7	10.8	37.3	10.8	38.3	10.9	39.4	11.1
		37	29.4	9.25	34.6	11.0	35.6	11.1	36.2	11.1	36.7	11.2	37.8	11.3	38.8	11.5
		39	29.4	9.84	34.0	11.3	35.1	11.5	35.6	11.5	36.1	11.6	37.2	11.7	38.2	11.9
		120	360	10	27.1	4.44	32.4	5.42	37.6	6.45	40.2	6.97	42.8	7.26	44.7	6.99
12	27.1			4.52	32.4	5.52	37.6	6.57	40.2	7.10	42.8	7.22	44.2	6.95	45.1	6.66
14	27.1			4.60	32.4	5.63	37.6	6.69	40.2	7.24	42.6	7.19	43.6	6.90	44.6	6.95
16	27.1			4.69	32.4	5.74	37.6	6.83	40.2	7.29	42.0	7.20	43.0	7.26	44.0	7.33
18	27.1			4.78	32.4	5.85	37.6	7.06	40.2	7.53	41.5	7.57	42.4	7.64	43.4	7.70
20	27.1			4.88	32.4	6.08	37.6	7.59	40.2	7.90	40.9	7.94	41.9	8.01	42.9	8.08
21	27.1			4.92	32.4	6.30	37.6	7.86	40.1	8.08	40.6	8.12	41.6	8.20	42.6	8.27
23	27.1			5.26	32.4	6.75	37.6	8.41	39.5	8.45	40.0	8.49	41.0	8.57	42.0	8.65
25	27.1			5.62	32.4	7.22	37.6	8.78	39.0	8.82	39.5	8.86	40.4	8.95	41.4	9.03
27	27.1			6.00	32.4	7.72	37.6	9.15	38.4	9.19	38.9	9.24	39.9	9.33	40.8	9.42
29	27.1			6.40	32.4	8.25	37.3	9.52	37.8	9.57	38.3	9.61	39.3	9.71	40.3	9.80
31	27.1			6.82	32.4	8.80	36.8	9.89	37.3	9.94	37.7	9.99	38.7	10.1	39.7	10.2
33	27.1			7.26	32.4	9.39	36.2	10.3	36.7	10.3	37.2	10.4	38.2	10.5	39.1	10.6
35	27.1			7.73	32.4	10.0	35.6	10.6	36.1	10.7	36.6	10.7	37.6	10.9	38.6	11.0
37	27.1			8.23	32.4	10.7	35.1	11.0	35.5	11.1	36.0	11.1	37.0	11.2	38.0	11.4
39	27.1			8.76	32.4	11.3	34.5	11.4	35.0	11.5	35.5	11.5	36.4	11.6	37.4	11.8
110	330			10	24.9	4.03	29.7	4.91	34.5	5.83	36.9	6.30	39.2	6.78	44.0	7.20
		12	24.9	4.10	29.7	5.00	34.5	5.94	36.9	6.42	39.2	6.91	43.4	7.16	44.3	6.90
		14	24.9	4.18	29.7	5.09	34.5	6.05	36.9	6.54	39.2	7.04	42.8	7.12	43.7	6.90
		16	24.9	4.26	29.7	5.19	34.5	6.17	36.9	6.67	39.2	7.18	42.3	7.22	43.2	7.27
		18	24.9	4.34	29.7	5.29	34.5	6.29	36.9	6.85	39.2	7.52	41.7	7.58	42.6	7.65
		20	24.9	4.42	29.7	5.40	34.5	6.67	36.9	7.37	39.2	7.89	41.1	7.95	42.0	8.02
		21	24.9	4.46	29.7	5.56	34.5	6.91	36.9	7.63	39.2	8.07	40.8	8.14	41.7	8.21
		23	24.9	4.67	29.7	5.96	34.5	7.40	36.9	8.18	39.2	8.44	40.3	8.51	41.2	8.58
		25	24.9	4.99	29.7	6.37	34.5	7.93	36.9	8.77	38.8	8.81	39.7	8.88	40.6	8.96
		27	24.9	5.32	29.7	6.81	34.5	8.48	36.9	9.14	38.2	9.18	39.1	9.26	40.0	9.34
		29	24.9	5.67	29.7	7.26	34.5	9.06	36.9	9.51	37.7	9.55	38.6	9.64	39.4	9.72
		31	24.9	6.04	29.7	7.75	34.5	9.67	36.6	9.88	37.1	9.92	38.0	10.0	38.9	10.1
		33	24.9	6.43	29.7	8.26	34.5	10.2	36.1	10.2	36.5	10.3	37.4	10.4	38.3	10.5
		35	24.9	6.84	29.7	8.80	34.5	10.6	35.5	10.6	35.9	10.7	36.8	10.8	37.7	10.9
		37	24.9	7.27	29.7	9.37	34.5	10.9	34.9	11.0	35.4	11.1	36.3	11.2	37.2	11.3
		39	24.9	7.73	29.7	9.98	33.9	11.3	34.3	11.4	34.8	11.4	35.7	11.5	36.6	11.7
		100	300	10	22.6	3.64	27.0	4.41	31.3	5.22	33.5	5.64	35.7	6.07	40.0	6.94
12	22.6			3.70	27.0	4.49	31.3	5.32	33.5	5.75	35.7	6.18	40.0	7.07	43.5	7.14
14	22.6			3.76	27.0	4.57	31.3	5.42	33.5	5.86	35.7	6.30	40.0	7.20	42.9	7.10
16	22.6			3.83	27.0	4.66	31.3	5.53	33.5	5.97	35.7	6.43	40.0	7.30	42.3	7.22
18	22.6			3.90	27.0	4.75	31.3	5.64	33.5	6.09	35.7	6.55	40.0	7.53	41.8	7.59
20	22.6			3.98	27.0	4.84	31.3	5.81	33.5	6.40	35.7	7.02	40.0	7.90	41.2	7.96
21	22.6			4.02	27.0	4.89	31.3	6.01	33.5	6.63	35.7	7.27	40.0	8.08	40.9	8.14
23	22.6			4.12	27.0	5.22	31.3	6.44	33.5	7.10	35.7	7.80	39.5	8.45	40.3	8.52
25	22.6			4.40	27.0	5.57	31.3	6.89	33.5	7.60	35.7	8.35	38.9	8.82	39.8	8.89
27	22.6			4.69	27.0	5.95	31.3	7.36	33.5	8.13	35.7	8.93	38.4	9.19	39.2	9.27
29	22.6			4.99	27.0	6.34	31.3	7.86	33.5	8.68	35.7	9.48	37.8	9.56	38.6	9.64
31	22.6			5.31	27.0	6.76	31.3	8.39	33.5	9.27	35.7	9.85	37.2	9.94	38.0	10.0
33	22.6			5.65	27.0	7.20	31.3	8.95	33.5	9.89	35.7	10.2	36.7	10.3	37.5	10.4
35	22.6			6.01	27.0	7.67	31.3	9.54	33.5	10.6	35.3	10.6	36.1	10.7	36.9	10.8
37	22.6			6.38	27.0	8.16	31.3	10.2	33.5	10.9	34.7	11.0	35.5	11.1	36.3	11.2
39	22.6			6.78	27.0	8.68	31.3	10.8	33.5	11.3	34.1	11.3	34.9	11.5	35.8	11.6

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-3 12HP

12HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	270	10	20.3	3.25	24.3	3.92	28.2	4.63	30.2	5.00	32.1	5.37	36.0	6.14	40.0	6.92
		12	20.3	3.31	24.3	3.99	28.2	4.72	30.2	5.09	32.1	5.47	36.0	6.25	40.0	7.05
		14	20.3	3.37	24.3	4.07	28.2	4.81	30.2	5.19	32.1	5.58	36.0	6.37	40.0	7.18
		16	20.3	3.43	24.3	4.14	28.2	4.90	30.2	5.29	32.1	5.69	36.0	6.50	40.0	7.30
		18	20.3	3.49	24.3	4.22	28.2	4.99	30.2	5.39	32.1	5.80	36.0	6.63	40.0	7.53
		20	20.3	3.55	24.3	4.30	28.2	5.09	30.2	5.50	32.1	6.02	36.0	7.12	40.0	7.90
		21	20.3	3.58	24.3	4.34	28.2	5.18	30.2	5.69	32.1	6.23	36.0	7.38	40.0	8.08
		23	20.3	3.65	24.3	4.52	28.2	5.55	30.2	6.10	32.1	6.68	36.0	7.91	39.5	8.45
		25	20.3	3.85	24.3	4.83	28.2	5.93	30.2	6.52	32.1	7.14	36.0	8.47	38.9	8.82
		27	20.3	4.10	24.3	5.15	28.2	6.33	30.2	6.97	32.1	7.64	36.0	9.07	38.4	9.19
		29	20.3	4.36	24.3	5.49	28.2	6.75	30.2	7.44	32.1	8.16	36.0	9.49	37.8	9.56
		31	20.3	4.63	24.3	5.84	28.2	7.20	30.2	7.93	32.1	8.70	36.0	9.86	37.2	9.94
		33	20.3	4.92	24.3	6.22	28.2	7.67	30.2	8.46	32.1	9.28	35.9	10.2	36.6	10.3
		35	20.3	5.23	24.3	6.61	28.2	8.17	30.2	9.01	32.1	9.90	35.3	10.6	36.1	10.7
		37	20.3	5.55	24.3	7.03	28.2	8.70	30.2	9.60	32.1	10.5	34.8	11.0	35.5	11.1
		39	20.3	5.88	24.3	7.47	28.2	9.26	30.2	10.2	32.1	11.2	34.2	11.4	34.9	11.4
80	240	10	18.1	2.89	21.6	3.46	25.1	4.06	26.8	4.38	28.5	4.70	32.0	5.36	35.5	6.04
		12	18.1	2.94	21.6	3.52	25.1	4.14	26.8	4.46	28.5	4.79	32.0	5.46	35.5	6.15
		14	18.1	2.98	21.6	3.58	25.1	4.21	26.8	4.54	28.5	4.88	32.0	5.56	35.5	6.27
		16	18.1	3.03	21.6	3.64	25.1	4.29	26.8	4.63	28.5	4.97	32.0	5.67	35.5	6.39
		18	18.1	3.09	21.6	3.71	25.1	4.37	26.8	4.72	28.5	5.07	32.0	5.78	35.5	6.52
		20	18.1	3.14	21.6	3.78	25.1	4.46	26.8	4.81	28.5	5.17	32.0	5.99	35.5	6.97
		21	18.1	3.17	21.6	3.82	25.1	4.50	26.8	4.86	28.5	5.27	32.0	6.21	35.5	7.22
		23	18.1	3.23	21.6	3.89	25.1	4.72	26.8	5.17	28.5	5.64	32.0	6.65	35.5	7.74
		25	18.1	3.33	21.6	4.14	25.1	5.04	26.8	5.53	28.5	6.03	32.0	7.12	35.5	8.29
		27	18.1	3.55	21.6	4.41	25.1	5.38	26.8	5.90	28.5	6.44	32.0	7.61	35.5	8.87
		29	18.1	3.77	21.6	4.70	25.1	5.73	26.8	6.29	28.5	6.88	32.0	8.13	35.5	9.48
		31	18.1	4.00	21.6	5.00	25.1	6.11	26.8	6.70	28.5	7.33	32.0	8.67	35.5	9.85
		33	18.1	4.24	21.6	5.31	25.1	6.50	26.8	7.14	28.5	7.81	32.0	9.25	35.5	10.2
		35	18.1	4.50	21.6	5.64	25.1	6.91	26.8	7.60	28.5	8.32	32.0	9.86	35.2	10.6
		37	18.1	4.77	21.6	5.99	25.1	7.35	26.8	8.09	28.5	8.86	32.0	10.5	34.7	11.0
		39	18.1	5.06	21.6	6.36	25.1	7.82	26.8	8.60	28.5	9.43	32.0	11.2	34.1	11.3
70	210	10	15.8	2.54	18.9	3.01	21.9	3.52	23.5	3.78	25.0	4.05	28.0	4.60	31.1	5.18
		12	15.8	2.58	18.9	3.06	21.9	3.58	23.5	3.85	25.0	4.12	28.0	4.69	31.1	5.27
		14	15.8	2.62	18.9	3.12	21.9	3.64	23.5	3.92	25.0	4.20	28.0	4.78	31.1	5.37
		16	15.8	2.66	18.9	3.17	21.9	3.71	23.5	3.99	25.0	4.28	28.0	4.87	31.1	5.48
		18	15.8	2.70	18.9	3.22	21.9	3.78	23.5	4.06	25.0	4.36	28.0	4.96	31.1	5.58
		20	15.8	2.75	18.9	3.28	21.9	3.85	23.5	4.14	25.0	4.44	28.0	5.06	31.1	5.74
		21	15.8	2.77	18.9	3.31	21.9	3.88	23.5	4.18	25.0	4.49	28.0	5.14	31.1	5.94
		23	15.8	2.82	18.9	3.37	21.9	3.96	23.5	4.32	25.0	4.70	28.0	5.50	31.1	6.37
		25	15.8	2.87	18.9	3.51	21.9	4.23	23.5	4.61	25.0	5.02	28.0	5.88	31.1	6.81
		27	15.8	3.04	18.9	3.73	21.9	4.51	23.5	4.92	25.0	5.35	28.0	6.28	31.1	7.28
		29	15.8	3.22	18.9	3.97	21.9	4.80	23.5	5.24	25.0	5.71	28.0	6.70	31.1	7.77
		31	15.8	3.42	18.9	4.22	21.9	5.10	23.5	5.58	25.0	6.08	28.0	7.14	31.1	8.29
		33	15.8	3.62	18.9	4.47	21.9	5.42	23.5	5.93	25.0	6.47	28.0	7.61	31.1	8.84
		35	15.8	3.83	18.9	4.75	21.9	5.76	23.5	6.31	25.0	6.88	28.0	8.10	31.1	9.42
		37	15.8	4.06	18.9	5.04	21.9	6.12	23.5	6.71	25.0	7.32	28.0	8.62	31.1	10.0
		39	15.8	4.30	18.9	5.34	21.9	6.50	23.5	7.12	25.0	7.78	28.0	9.18	31.1	10.7
60	180	10	13.6	2.21	16.2	2.59	18.8	3.00	20.1	3.21	21.4	3.43	24.0	3.88	26.6	4.35
		12	13.6	2.24	16.2	2.63	18.8	3.05	20.1	3.27	21.4	3.49	24.0	3.95	26.6	4.43
		14	13.6	2.27	16.2	2.67	18.8	3.10	20.1	3.32	21.4	3.55	24.0	4.02	26.6	4.51
		16	13.6	2.31	16.2	2.72	18.8	3.15	20.1	3.38	21.4	3.61	24.0	4.10	26.6	4.59
		18	13.6	2.34	16.2	2.76	18.8	3.21	20.1	3.44	21.4	3.68	24.0	4.17	26.6	4.68
		20	13.6	2.38	16.2	2.81	18.8	3.27	20.1	3.51	21.4	3.75	24.0	4.25	26.6	4.78
		21	13.6	2.40	16.2	2.83	18.8	3.30	20.1	3.54	21.4	3.79	24.0	4.29	26.6	4.82
		23	13.6	2.44	16.2	2.88	18.8	3.36	20.1	3.61	21.4	3.86	24.0	4.46	26.6	5.13
		25	13.6	2.48	16.2	2.94	18.8	3.49	20.1	3.79	21.4	4.10	24.0	4.76	26.6	5.48
		27	13.6	2.57	16.2	3.11	18.8	3.71	20.1	4.03	21.4	4.37	24.0	5.08	26.6	5.85
		29	13.6	2.72	16.2	3.30	18.8	3.95	20.1	4.29	21.4	4.65	24.0	5.41	26.6	6.24
		31	13.6	2.88	16.2	3.50	18.8	4.19	20.1	4.56	21.4	4.95	24.0	5.76	26.6	6.65
		33	13.6	3.05	16.2	3.71	18.8	4.45	20.1	4.84	21.4	5.26	24.0	6.13	26.6	7.08
		35	13.6	3.22	16.2	3.93	18.8	4.72	20.1	5.14	21.4	5.58	24.0	6.52	26.6	7.53
		37	13.6	3.41	16.2	4.17	18.8	5.01	20.1	5.46	21.4	5.93	24.0	6.93	26.6	8.02
		39	13.6	3.60	16.2	4.41	18.8	5.31	20.1	5.79	21.4	6.29	24.0	7.37	26.6	8.53

3 Capacity tables

3-1 Cooling capacity

3-1-3 12HP

12HP		Indoor air temperature: °CWB															TC: Total capacity ; PI: Power input	
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0			
			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	kW	
50	150	10	11.3	1.90	13.5	2.20	15.7	2.52	16.8	2.68	17.8	2.85	20.0	3.20	22.2	3.56		
		12	11.3	1.92	13.5	2.23	15.7	2.55	16.8	2.72	17.8	2.90	20.0	3.25	22.2	3.63		
		14	11.3	1.95	13.5	2.26	15.7	2.59	16.8	2.77	17.8	2.94	20.0	3.31	22.2	3.69		
		16	11.3	1.98	13.5	2.29	15.7	2.63	16.8	2.81	17.8	2.99	20.0	3.37	22.2	3.76		
		18	11.3	2.00	13.5	2.33	15.7	2.68	16.8	2.86	17.8	3.04	20.0	3.43	22.2	3.83		
		20	11.3	2.03	13.5	2.37	15.7	2.72	16.8	2.91	17.8	3.10	20.0	3.49	22.2	3.90		
		21	11.3	2.05	13.5	2.39	15.7	2.75	16.8	2.93	17.8	3.13	20.0	3.52	22.2	3.94		
		23	11.3	2.08	13.5	2.42	15.7	2.79	16.8	2.99	17.8	3.18	20.0	3.59	22.2	4.03		
		25	11.3	2.11	13.5	2.46	15.7	2.84	16.8	3.05	17.8	3.28	20.0	3.77	22.2	4.30		
		27	11.3	2.14	13.5	2.55	15.7	3.00	16.8	3.24	17.8	3.49	20.0	4.01	22.2	4.58		
		29	11.3	2.27	13.5	2.70	15.7	3.18	16.8	3.44	17.8	3.71	20.0	4.27	22.2	4.87		
		31	11.3	2.39	13.5	2.86	15.7	3.38	16.8	3.65	17.8	3.93	20.0	4.54	22.2	5.19		
		33	11.3	2.53	13.5	3.03	15.7	3.58	16.8	3.87	17.8	4.17	20.0	4.82	22.2	5.51		
		35	11.3	2.67	13.5	3.20	15.7	3.79	16.8	4.10	17.8	4.43	20.0	5.12	22.2	5.86		
		37	11.3	2.81	13.5	3.38	15.7	4.01	16.8	4.34	17.8	4.69	20.0	5.43	22.2	6.22		
		39	11.3	2.97	13.5	3.57	15.7	4.24	16.8	4.60	17.8	4.97	20.0	5.76	22.2	6.61		

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3 Capacity tables

3-1 Cooling capacity

3-1-4 14HP

14HP		Indoor air temperature: °CWB														TC: Total capacity ; PI: Power input	
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0		
			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	kW
130	455	10	35.1	6.54	41.9	8.00	48.6	9.52	52.0	9.72	53.0	9.52	54.3	9.12	55.6	8.71	
		12	35.1	6.66	41.9	8.15	48.6	9.70	51.7	9.67	52.4	9.47	53.6	9.06	54.9	8.92	
		14	35.1	6.78	41.9	8.31	48.6	9.82	51.0	9.62	51.7	9.41	52.9	9.34	54.2	9.43	
		16	35.1	6.92	41.9	8.47	48.6	9.77	50.4	9.70	51.0	9.75	52.3	9.84	53.5	9.94	
		18	35.1	7.05	41.9	8.64	48.6	10.1	49.7	10.2	50.3	10.2	51.6	10.3	52.8	10.4	
		20	35.1	7.19	41.9	9.20	48.4	10.6	49.0	10.7	49.6	10.7	50.9	10.9	52.2	11.0	
		21	35.1	7.39	41.9	9.54	48.0	10.9	48.7	10.9	49.3	11.0	50.6	11.1	51.8	11.2	
		23	35.1	7.92	41.9	10.2	47.3	11.4	48.0	11.4	48.6	11.5	49.9	11.6	51.1	11.7	
		25	35.1	8.46	41.9	10.9	46.7	11.9	47.3	11.9	47.9	12.0	49.2	12.1	50.5	12.3	
		27	35.1	9.04	41.9	11.7	46.0	12.4	46.6	12.5	47.2	12.5	48.5	12.6	49.8	12.8	
		29	35.1	9.65	41.9	12.5	45.3	12.9	45.9	13.0	46.6	13.0	47.8	13.2	49.1	13.3	
		31	35.1	10.3	41.9	13.2	44.6	13.4	45.2	13.5	45.9	13.5	47.1	13.7	48.4	13.8	
		33	35.1	11.0	41.9	13.7	43.9	13.9	44.6	14.0	45.2	14.1	46.5	14.2	47.7	14.4	
		35	35.1	11.7	41.9	14.2	43.2	14.4	43.9	14.5	44.5	14.6	45.8	14.7	47.0	14.9	
37	35.1	12.4	41.3	14.7	42.6	14.9	43.2	15.0	43.8	15.1	45.1	15.3	46.4	15.4			
39	35.1	13.2	40.6	15.3	41.9	15.4	42.5	15.5	43.1	15.6	44.4	15.8	45.7	16.0			
120	420	10	32.4	5.97	38.6	7.30	44.9	8.68	48.0	9.38	51.1	9.77	53.4	9.41	54.6	9.03	
		12	32.4	6.08	38.6	7.43	44.9	8.84	48.0	9.56	51.1	9.72	52.7	9.35	53.9	8.97	
		14	32.4	6.20	38.6	7.58	44.9	9.01	48.0	9.74	50.9	9.67	52.0	9.29	53.2	9.36	
		16	32.4	6.31	38.6	7.72	44.9	9.19	48.0	9.81	50.2	9.69	51.4	9.78	52.5	9.86	
		18	32.4	6.44	38.6	7.88	44.9	9.50	48.0	10.1	49.5	10.2	50.7	10.3	51.9	10.4	
		20	32.4	6.56	38.6	8.19	44.9	10.2	48.0	10.6	48.8	10.7	50.0	10.8	51.2	10.9	
		21	32.4	6.63	38.6	8.48	44.9	10.6	47.9	10.9	48.5	10.9	49.7	11.0	50.8	11.1	
		23	32.4	7.08	38.6	9.09	44.9	11.3	47.2	11.4	47.8	11.4	49.0	11.5	50.1	11.6	
		25	32.4	7.56	38.6	9.72	44.9	11.8	46.5	11.9	47.1	11.9	48.3	12.0	49.5	12.2	
		27	32.4	8.08	38.6	10.4	44.9	12.3	45.9	12.4	46.4	12.4	47.6	12.6	48.8	12.7	
		29	32.4	8.61	38.6	11.1	44.6	12.8	45.2	12.9	45.8	12.9	46.9	13.1	48.1	13.2	
		31	32.4	9.18	38.6	11.9	43.9	13.3	44.5	13.4	45.1	13.4	46.2	13.6	47.4	13.7	
		33	32.4	9.78	38.6	12.6	43.2	13.8	43.8	13.9	44.4	14.0	45.6	14.1	46.7	14.2	
		35	32.4	10.4	38.6	13.5	42.5	14.3	43.1	14.4	43.7	14.5	44.9	14.6	46.0	14.8	
37	32.4	11.1	38.6	14.4	41.9	14.8	42.4	14.9	43.0	15.0	44.2	15.1	45.4	15.3			
39	32.4	11.8	38.6	15.2	41.2	15.3	41.8	15.4	42.3	15.5	43.5	15.7	44.7	15.8			
110	385	10	29.7	5.43	35.4	6.61	41.1	7.85	44.0	8.48	46.9	9.12	52.5	9.69	53.6	9.35	
		12	29.7	5.52	35.4	6.73	41.1	7.99	44.0	8.64	46.9	9.30	51.8	9.64	52.9	9.29	
		14	29.7	5.62	35.4	6.86	41.1	8.15	44.0	8.81	46.9	9.47	51.2	9.58	52.2	9.29	
		16	29.7	5.73	35.4	6.99	41.1	8.31	44.0	8.98	46.9	9.66	50.5	9.71	51.5	9.79	
		18	29.7	5.84	35.4	7.13	41.1	8.47	44.0	9.23	46.9	10.1	49.8	10.2	50.9	10.3	
		20	29.7	5.95	35.4	7.27	41.1	8.97	44.0	9.91	46.9	10.6	49.1	10.7	50.2	10.8	
		21	29.7	6.01	35.4	7.49	41.1	9.29	44.0	10.3	46.9	10.9	48.8	11.0	49.8	11.0	
		23	29.7	6.29	35.4	8.02	41.1	9.96	44.0	11.0	46.9	11.4	48.1	11.5	49.2	11.6	
		25	29.7	6.72	35.4	8.58	41.1	10.7	44.0	11.8	46.3	11.9	47.4	12.0	48.5	12.1	
		27	29.7	7.17	35.4	9.16	41.1	11.4	44.0	12.3	45.6	12.4	46.7	12.5	47.8	12.6	
		29	29.7	7.64	35.4	9.78	41.1	12.2	44.0	12.8	45.0	12.9	46.0	13.0	47.1	13.1	
		31	29.7	8.13	35.4	10.4	41.1	13.0	43.7	13.3	44.3	13.4	45.3	13.5	46.4	13.6	
		33	29.7	8.66	35.4	11.1	41.1	13.7	43.1	13.8	43.6	13.9	44.7	14.0	45.7	14.1	
		35	29.7	9.21	35.4	11.8	41.1	14.2	42.4	14.3	42.9	14.4	44.0	14.5	45.1	14.6	
37	29.7	9.79	35.4	12.6	41.1	14.7	41.7	14.8	42.2	14.9	43.3	15.0	44.4	15.2			
39	29.7	10.4	35.4	13.4	40.5	15.2	41.0	15.3	41.5	15.4	42.6	15.5	43.7	15.7			
100	350	10.0	27.0	4.89	32.2	5.93	37.4	7.03	40.0	7.60	42.6	8.17	47.8	9.34	52.6	9.66	
		12.0	27.0	4.98	32.2	6.04	37.4	7.16	40.0	7.74	42.6	8.32	47.8	9.51	51.9	9.61	
		14.0	27.0	5.07	32.2	6.15	37.4	7.30	40.0	7.89	42.6	8.48	47.8	9.69	51.2	9.56	
		16.0	27.0	5.16	32.2	6.27	37.4	7.44	40.0	8.04	42.6	8.65	47.8	9.82	50.5	9.72	
		18.0	27.0	5.26	32.2	6.39	37.4	7.59	40.0	8.20	42.6	8.82	47.8	10.1	49.9	10.2	
		20.0	27.0	5.36	32.2	6.52	37.4	7.81	40.0	8.61	42.6	9.45	47.8	10.6	49.2	10.7	
		21.0	27.0	5.41	32.2	6.58	37.4	8.09	40.0	8.92	42.6	9.79	47.8	10.9	48.8	11.0	
		23.0	27.0	5.55	32.2	7.02	37.4	8.67	40.0	9.56	42.6	10.5	47.2	11.4	48.2	11.5	
		25.0	27.0	5.92	32.2	7.50	37.4	9.27	40.0	10.23	42.6	11.2	46.5	11.9	47.5	12.0	
		27.0	27.0	6.31	32.2	8.01	37.4	9.91	40.0	10.94	42.6	12.0	45.8	12.4	46.8	12.5	
		29.0	27.0	6.72	32.2	8.54	37.4	10.6	40.0	11.69	42.6	12.8	45.1	12.9	46.1	13.0	
		31.0	27.0	7.15	32.2	9.10	37.4	11.3	40.0	12.48	42.6	13.3	44.5	13.4	45.4	13.5	
		33.0	27.0	7.61	32.2	9.69	37.4	12.0	40.0	13.32	42.6	13.8	43.8	13.9	44.7	14.0	
		35.0	27.0	8.08	32.2	10.3	37.4	12.8	40.0	14.24	42.1	14.3	43.1	14.4	44.1	14.5	
37.0	27.0	8.59	32.2	11.0	37.4	13.7	40.0	14.70	41.4	14.8	42.4	14.9	43.4	15.0			
39.0	27.0	9.12	32.2	11.7	37.4	14.6	40.0	15.20	40.7	15.3	41.7	15.4	42.7	15.6			

3 Capacity tables

3-1 Cooling capacity

3-1-4 14HP

14HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	315	10	24.3	4.38	29.0	5.28	33.7	6.24	36.0	6.73	38.3	7.23	43.0	8.26	47.7	9.31
		12	24.3	4.45	29.0	5.38	33.7	6.35	36.0	6.86	38.3	7.37	43.0	8.42	47.7	9.49
		14	24.3	4.53	29.0	5.47	33.7	6.47	36.0	6.99	38.3	7.51	43.0	8.58	47.7	9.67
		16	24.3	4.61	29.0	5.58	33.7	6.59	36.0	7.12	38.3	7.66	43.0	8.75	47.7	9.83
		18	24.3	4.69	29.0	5.68	33.7	6.72	36.0	7.26	38.3	7.81	43.0	8.92	47.7	10.1
		20	24.3	4.78	29.0	5.79	33.7	6.86	36.0	7.41	38.3	8.10	43.0	9.59	47.7	10.6
		21	24.3	4.82	29.0	5.85	33.7	6.97	36.0	7.66	38.3	8.39	43.0	9.93	47.7	10.9
		23	24.3	4.92	29.0	6.09	33.7	7.46	36.0	8.21	38.3	8.99	43.0	10.7	47.2	11.4
		25	24.3	5.18	29.0	6.50	33.7	7.98	36.0	8.78	38.3	9.62	43.0	11.4	46.5	11.9
		27	24.3	5.51	29.0	6.93	33.7	8.52	36.0	9.38	38.3	10.3	43.0	12.2	45.8	12.4
		29	24.3	5.87	29.0	7.39	33.7	9.09	36.0	10.01	38.3	11.0	43.0	12.8	45.1	12.9
		31	24.3	6.24	29.0	7.87	33.7	9.69	36.0	10.68	38.3	11.7	43.0	13.3	44.4	13.4
		33	24.3	6.62	29.0	8.37	33.7	10.3	36.0	11.39	38.3	12.5	42.9	13.8	43.8	13.9
		35	24.3	7.03	29.0	8.90	33.7	11.0	36.0	12.13	38.3	13.3	42.2	14.3	43.1	14.4
		37	24.3	7.46	29.0	9.46	33.7	11.7	36.0	12.92	38.3	14.2	41.5	14.8	42.4	14.9
		39	24.3	7.92	29.0	10.1	33.7	12.5	36.0	13.76	38.3	15.1	40.8	15.3	41.7	15.4
80	280	10	21.6	3.89	25.8	4.66	29.9	5.47	32.0	5.89	34.1	6.32	38.2	7.21	42.4	8.13
		12	21.6	3.95	25.8	4.74	29.9	5.57	32.0	6.00	34.1	6.44	38.2	7.35	42.4	8.28
		14	21.6	4.02	25.8	4.82	29.9	5.67	32.0	6.11	34.1	6.56	38.2	7.49	42.4	8.44
		16	21.6	4.08	25.8	4.91	29.9	5.78	32.0	6.23	34.1	6.69	38.2	7.63	42.4	8.60
		18	21.6	4.15	25.8	5.00	29.9	5.89	32.0	6.35	34.1	6.82	38.2	7.78	42.4	8.77
		20	21.6	4.23	25.8	5.09	29.9	6.00	32.0	6.47	34.1	6.95	38.2	8.07	42.4	9.38
		21	21.6	4.27	25.8	5.14	29.9	6.06	32.0	6.54	34.1	7.10	38.2	8.36	42.4	9.72
		23	21.6	4.34	25.8	5.24	29.9	6.35	32.0	6.96	34.1	7.60	38.2	8.95	42.4	10.4
		25	21.6	4.49	25.8	5.57	29.9	6.79	32.0	7.44	34.1	8.12	38.2	9.58	42.4	11.2
		27	21.6	4.77	25.8	5.94	29.9	7.24	32.0	7.94	34.1	8.67	38.2	10.2	42.4	11.9
		29	21.6	5.07	25.8	6.32	29.9	7.72	32.0	8.47	34.1	9.25	38.2	10.9	42.4	12.8
		31	21.6	5.38	25.8	6.72	29.9	8.22	32.0	9.02	34.1	9.87	38.2	11.7	42.4	13.3
		33	21.6	5.71	25.8	7.15	29.9	8.75	32.0	9.61	34.1	10.5	38.2	12.4	42.4	13.8
		35	21.6	6.06	25.8	7.59	29.9	9.31	32.0	10.2	34.1	11.2	38.2	13.3	42.1	14.3
		37	21.6	6.42	25.8	8.06	29.9	9.90	32.0	10.9	34.1	11.9	38.2	14.1	41.4	14.8
		39	21.6	6.81	25.8	8.56	29.9	10.5	32.0	11.6	34.1	12.7	38.2	15.1	40.7	15.3
70	245	10	18.9	3.42	22.5	4.06	26.2	4.74	28.0	5.09	29.8	5.45	33.5	6.20	37.1	6.97
		12	18.9	3.47	22.5	4.12	26.2	4.82	28.0	5.18	29.8	5.55	33.5	6.31	37.1	7.10
		14	18.9	3.53	22.5	4.19	26.2	4.90	28.0	5.27	29.8	5.65	33.5	6.43	37.1	7.23
		16	18.9	3.58	22.5	4.27	26.2	4.99	28.0	5.37	29.8	5.75	33.5	6.55	37.1	7.37
		18	18.9	3.64	22.5	4.34	26.2	5.08	28.0	5.47	29.8	5.86	33.5	6.68	37.1	7.52
		20	18.9	3.70	22.5	4.42	26.2	5.18	28.0	5.57	29.8	5.98	33.5	6.81	37.1	7.73
		21	18.9	3.73	22.5	4.46	26.2	5.23	28.0	5.63	29.8	6.04	33.5	6.92	37.1	8.00
		23	18.9	3.80	22.5	4.54	26.2	5.34	28.0	5.82	29.8	6.33	33.5	7.40	37.1	8.57
		25	18.9	3.87	22.5	4.72	26.2	5.69	28.0	6.21	29.8	6.76	33.5	7.91	37.1	9.17
		27	18.9	4.09	22.5	5.02	26.2	6.06	28.0	6.62	29.8	7.21	33.5	8.45	37.1	9.80
		29	18.9	4.34	22.5	5.34	26.2	6.46	28.0	7.05	29.8	7.68	33.5	9.02	37.1	10.5
		31	18.9	4.60	22.5	5.67	26.2	6.87	28.0	7.51	29.8	8.18	33.5	9.61	37.1	11.2
		33	18.9	4.87	22.5	6.02	26.2	7.30	28.0	7.99	29.8	8.71	33.5	10.2	37.1	11.9
		35	18.9	5.16	22.5	6.39	26.2	7.76	28.0	8.49	29.8	9.26	33.5	10.9	37.1	12.7
		37	18.9	5.46	22.5	6.78	26.2	8.24	28.0	9.03	29.8	9.85	33.5	11.6	37.1	13.5
		39	18.9	5.78	22.5	7.18	26.2	8.75	28.0	9.59	29.8	10.5	33.5	12.4	37.1	14.4
60	210	10	16.2	2.97	19.3	3.49	22.4	4.04	24.0	4.33	25.6	4.62	28.7	5.22	31.8	5.85
		12	16.2	3.02	19.3	3.54	22.4	4.11	24.0	4.40	25.6	4.70	28.7	5.32	31.8	5.96
		14	16.2	3.06	19.3	3.60	22.4	4.17	24.0	4.47	25.6	4.78	28.7	5.41	31.8	6.07
		16	16.2	3.11	19.3	3.66	22.4	4.25	24.0	4.55	25.6	4.87	28.7	5.51	31.8	6.18
		18	16.2	3.15	19.3	3.72	22.4	4.32	24.0	4.63	25.6	4.95	28.7	5.62	31.8	6.30
		20	16.2	3.20	19.3	3.78	22.4	4.40	24.0	4.72	25.6	5.05	28.7	5.72	31.8	6.43
		21	16.2	3.23	19.3	3.81	22.4	4.44	24.0	4.76	25.6	5.09	28.7	5.78	31.8	6.49
		23	16.2	3.28	19.3	3.88	22.4	4.52	24.0	4.85	25.6	5.19	28.7	6.01	31.8	6.90
		25	16.2	3.34	19.3	3.95	22.4	4.70	24.0	5.10	25.6	5.52	28.7	6.41	31.8	7.37
		27	16.2	3.46	19.3	4.19	22.4	5.00	24.0	5.43	25.6	5.88	28.7	6.84	31.8	7.87
		29	16.2	3.66	19.3	4.45	22.4	5.31	24.0	5.78	25.6	6.26	28.7	7.29	31.8	8.39
		31	16.2	3.88	19.3	4.72	22.4	5.64	24.0	6.14	25.6	6.66	28.7	7.76	31.8	8.95
		33	16.2	4.10	19.3	5.00	22.4	5.99	24.0	6.52	25.6	7.07	28.7	8.25	31.8	9.53
		35	16.2	4.34	19.3	5.30	22.4	6.36	24.0	6.92	25.6	7.52	28.7	8.78	31.8	10.1
		37	16.2	4.59	19.3	5.61	22.4	6.74	24.0	7.35	25.6	7.98	28.7	9.33	31.8	10.8
		39	16.2	4.84	19.3	5.94	22.4	7.14	24.0	7.79	25.6	8.47	28.7	9.91	31.8	11.5

3 Capacity tables

3-1 Cooling capacity

3-1-4 14HP

14HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50	175	10	13.5	2.56	16.1	2.96	18.7	3.39	20.0	3.61	21.3	3.84	23.9	4.31	26.5	4.80
		12	13.5	2.59	16.1	3.00	18.7	3.44	20.0	3.66	21.3	3.90	23.9	4.38	26.5	4.88
		14	13.5	2.62	16.1	3.04	18.7	3.49	20.0	3.72	21.3	3.96	23.9	4.45	26.5	4.97
		16	13.5	2.66	16.1	3.09	18.7	3.55	20.0	3.78	21.3	4.03	23.9	4.53	26.5	5.06
		18	13.5	2.70	16.1	3.14	18.7	3.60	20.0	3.85	21.3	4.10	23.9	4.61	26.5	5.15
		20	13.5	2.73	16.1	3.19	18.7	3.66	20.0	3.91	21.3	4.17	23.9	4.70	26.5	5.25
		21	13.5	2.75	16.1	3.21	18.7	3.70	20.0	3.95	21.3	4.21	23.9	4.74	26.5	5.30
		23	13.5	2.80	16.1	3.26	18.7	3.76	20.0	4.02	21.3	4.28	23.9	4.83	26.5	5.42
		25	13.5	2.84	16.1	3.32	18.7	3.83	20.0	4.10	21.3	4.41	23.9	5.07	26.5	5.78
		27	13.5	2.88	16.1	3.44	18.7	4.04	20.0	4.36	21.3	4.69	23.9	5.40	26.5	6.16
		29	13.5	3.05	16.1	3.64	18.7	4.29	20.0	4.63	21.3	4.99	23.9	5.75	26.5	6.56
		31	13.5	3.22	16.1	3.85	18.7	4.54	20.0	4.91	21.3	5.30	23.9	6.11	26.5	6.98
		33	13.5	3.40	16.1	4.08	18.7	4.81	20.0	5.21	21.3	5.62	23.9	6.49	26.5	7.42
		35	13.5	3.59	16.1	4.31	18.7	5.10	20.0	5.52	21.3	5.96	23.9	6.89	26.5	7.89
37	13.5	3.79	16.1	4.55	18.7	5.40	20.0	5.85	21.3	6.31	23.9	7.31	26.5	8.38		
39	13.5	3.99	16.1	4.81	18.7	5.71	20.0	6.19	21.3	6.69	23.9	7.75	26.5	8.89		

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3 Capacity tables

3-1 Cooling capacity

3-1-5 16HP

16HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	520	10	39.0	7.19	46.6	8.80	54.1	10.5	57.9	10.7	59.0	10.5	60.4	10.0	61.8	9.58
		12	39.0	7.33	46.6	8.97	54.1	10.7	57.5	10.6	58.3	10.4	59.7	9.97	61.1	9.81
		14	39.0	7.46	46.6	9.14	54.1	10.8	56.8	10.6	57.5	10.4	58.9	10.3	60.3	10.4
		16	39.0	7.61	46.6	9.32	54.1	10.8	56.0	10.7	56.7	10.7	58.1	10.8	59.5	10.9
		18	39.0	7.76	46.6	9.51	54.1	11.2	55.3	11.2	56.0	11.3	57.4	11.4	58.8	11.5
		20	39.0	7.91	46.6	10.1	53.8	11.7	54.5	11.8	55.2	11.8	56.6	11.9	58.0	12.1
		21	39.0	8.13	46.6	10.5	53.4	12.0	54.1	12.0	54.8	12.1	56.2	12.2	57.6	12.3
		23	39.0	8.71	46.6	11.2	52.7	12.5	53.4	12.6	54.1	12.7	55.5	12.8	56.9	12.9
		25	39.0	9.31	46.6	12.0	51.9	13.1	52.6	13.1	53.3	13.2	54.7	13.3	56.1	13.5
		27	39.0	9.95	46.6	12.9	51.1	13.6	51.8	13.7	52.6	13.8	54.0	13.9	55.4	14.1
		29	39.0	10.6	46.6	13.8	50.4	14.2	51.1	14.3	51.8	14.3	53.2	14.5	54.6	14.6
		31	39.0	11.3	46.6	14.6	49.6	14.7	50.3	14.8	51.0	14.9	52.4	15.1	53.8	15.2
		33	39.0	12.1	46.6	15.1	48.9	15.3	49.6	15.4	50.3	15.5	51.7	15.6	53.1	15.8
		35	39.0	12.9	46.6	15.7	48.1	15.8	48.8	15.9	49.5	16.0	50.9	16.2	52.3	16.4
		37	39.0	13.7	45.9	16.2	47.1	16.4	47.5	16.5	47.8	16.6	48.6	16.8	49.3	17.0
		39	39.0	14.6	42.9	16.8	43.7	17.0	44.0	17.1	44.4	17.2	45.2	17.4	45.9	17.6
120	480	10	36.0	6.57	43.0	8.03	49.9	9.54	53.4	10.3	56.9	10.7	59.4	10.3	60.7	9.94
		12	36.0	6.69	43.0	8.18	49.9	9.73	53.4	10.5	56.9	10.7	58.7	10.3	60.0	9.87
		14	36.0	6.82	43.0	8.33	49.9	9.91	53.4	10.7	56.6	10.6	57.9	10.2	59.2	10.3
		16	36.0	6.95	43.0	8.50	49.9	10.1	53.4	10.8	55.8	10.7	57.1	10.8	58.4	10.8
		18	36.0	7.08	43.0	8.66	49.9	10.5	53.4	11.2	55.1	11.2	56.4	11.3	57.7	11.4
		20	36.0	7.22	43.0	9.01	49.9	11.2	53.4	11.7	54.3	11.8	55.6	11.9	56.9	12.0
		21	36.0	7.29	43.0	9.33	49.9	11.6	53.3	12.0	53.9	12.0	55.2	12.1	56.5	12.2
		23	36.0	7.79	43.0	9.99	49.9	12.5	52.5	12.5	53.2	12.6	54.5	12.7	55.8	12.8
		25	36.0	8.32	43.0	10.7	49.9	13.0	51.8	13.1	52.4	13.1	53.7	13.2	55.0	13.4
		27	36.0	8.88	43.0	11.4	49.9	13.5	51.0	13.6	51.7	13.7	53.0	13.8	54.3	13.9
		29	36.0	9.47	43.0	12.2	49.6	14.1	50.3	14.2	50.9	14.2	52.2	14.4	53.5	14.5
		31	36.0	10.1	43.0	13.0	48.8	14.6	49.5	14.7	50.1	14.8	51.4	14.9	52.7	15.1
		33	36.0	10.8	43.0	13.9	48.1	15.2	48.7	15.3	49.4	15.4	50.7	15.5	52.0	15.7
		35	36.0	11.4	43.0	14.8	47.3	15.7	48.0	15.8	48.6	15.9	49.9	16.1	51.2	16.2
		37	36.0	12.2	43.0	15.8	46.6	16.3	47.2	16.4	47.8	16.5	48.6	16.7	49.3	16.8
		39	36.0	13.0	42.9	16.7	43.7	16.9	44.0	17.0	44.4	17.1	45.2	17.2	45.9	17.4
110	440	10	33.0	5.97	39.4	7.27	45.8	8.63	49.0	9.33	52.1	10.0	58.4	10.7	59.6	10.3
		12	33.0	6.07	39.4	7.40	45.8	8.79	49.0	9.50	52.1	10.2	57.7	10.6	58.9	10.2
		14	33.0	6.19	39.4	7.54	45.8	8.96	49.0	9.69	52.1	10.4	56.9	10.5	58.1	10.2
		16	33.0	6.30	39.4	7.69	45.8	9.14	49.0	9.88	52.1	10.6	56.1	10.7	57.3	10.8
		18	33.0	6.42	39.4	7.84	45.8	9.32	49.0	10.1	52.1	11.1	55.4	11.2	56.6	11.3
		20	33.0	6.55	39.4	7.99	45.8	9.87	49.0	10.9	52.1	11.7	54.6	11.8	55.8	11.9
		21	33.0	6.61	39.4	8.24	45.8	10.2	49.0	11.3	52.1	11.9	54.2	12.1	55.4	12.2
		23	33.0	6.92	39.4	8.82	45.8	11.0	49.0	12.1	52.1	12.5	53.5	12.6	54.7	12.7
		25	33.0	7.39	39.4	9.43	45.8	11.7	49.0	13.0	51.5	13.0	52.7	13.2	53.9	13.3
		27	33.0	7.88	39.4	10.1	45.8	12.5	49.0	13.5	50.8	13.6	52.0	13.7	53.2	13.8
		29	33.0	8.40	39.4	10.8	45.8	13.4	49.0	14.1	50.0	14.1	51.2	14.3	52.4	14.4
		31	33.0	8.95	39.4	11.5	45.8	14.3	48.7	14.6	49.3	14.7	50.4	14.8	51.6	15.0
		33	33.0	9.52	39.4	12.2	45.8	15.1	47.9	15.2	48.5	15.2	49.7	15.4	50.9	15.5
		35	33.0	10.1	39.4	13.0	45.8	15.7	47.1	15.7	47.7	15.8	48.9	16.0	50.1	16.1
		37	33.0	10.8	39.4	13.9	45.8	16.2	46.4	16.3	47.0	16.4	48.2	16.5	49.3	16.7
		39	33.0	11.4	39.4	14.8	43.7	16.8	44.0	16.8	44.4	16.9	45.2	17.1	45.9	17.3
100	400	10	30.0	5.38	35.8	6.53	41.6	7.73	44.5	8.35	47.4	8.99	53.2	10.3	58.5	10.6
		12	30.0	5.48	35.8	6.65	41.6	7.88	44.5	8.51	47.4	9.16	53.2	10.5	57.8	10.6
		14	30.0	5.57	35.8	6.77	41.6	8.03	44.5	8.67	47.4	9.33	53.2	10.7	57.0	10.5
		16	30.0	5.68	35.8	6.90	41.6	8.18	44.5	8.84	47.4	9.51	53.2	10.8	56.2	10.7
		18	30.0	5.78	35.8	7.03	41.6	8.34	44.5	9.02	47.4	9.70	53.2	11.2	55.5	11.2
		20	30.0	5.89	35.8	7.17	41.6	8.60	44.5	9.47	47.4	10.4	53.2	11.7	54.7	11.8
		21	30.0	5.95	35.8	7.24	41.6	8.90	44.5	9.81	47.4	10.8	53.2	12.0	54.3	12.1
		23	30.0	6.10	35.8	7.72	41.6	9.53	44.5	10.5	47.4	11.5	52.5	12.5	53.6	12.6
		25	30.0	6.51	35.8	8.25	41.6	10.2	44.5	11.3	47.4	12.4	51.7	13.1	52.8	13.2
		27	30.0	6.94	35.8	8.81	41.6	10.9	44.5	12.0	47.4	13.2	51.0	13.6	52.1	13.7
		29	30.0	7.39	35.8	9.39	41.6	11.6	44.5	12.9	47.4	14.0	50.2	14.2	51.3	14.3
		31	30.0	7.87	35.8	10.0	41.6	12.4	44.5	13.7	47.4	14.6	49.5	14.7	50.5	14.8
		33	30.0	8.37	35.8	10.7	41.6	13.2	44.5	14.6	47.4	15.1	48.7	15.3	49.8	15.4
		35	30.0	8.89	35.8	11.4	41.6	14.1	44.5	15.6	46.9	15.7	47.9	15.8	49.0	16.0
		37	30.0	9.45	35.8	12.1	41.6	15.0	44.5	16.2	46.1	16.2	47.2	16.4	48.3	16.5
		39	30.0	10.0	35.8	12.8	41.6	16.0	44.0	16.7	44.4	16.8	45.2	17.0	45.9	17.1

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-5 16HP

16HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	360	10	27.0	4.82	32.2	5.81	37.4	6.86	40.1	7.40	42.7	7.96	47.9	9.09	53.1	10.2
		12	27.0	4.90	32.2	5.91	37.4	6.99	40.1	7.54	42.7	8.11	47.9	9.26	53.1	10.4
		14	27.0	4.98	32.2	6.02	37.4	7.12	40.1	7.68	42.7	8.26	47.9	9.44	53.1	10.6
		16	27.0	5.07	32.2	6.13	37.4	7.25	40.1	7.83	42.7	8.42	47.9	9.62	53.1	10.8
		18	27.0	5.16	32.2	6.25	37.4	7.39	40.1	7.99	42.7	8.59	47.9	9.81	53.1	11.1
		20	27.0	5.26	32.2	6.37	37.4	7.54	40.1	8.15	42.7	8.91	47.9	10.5	53.1	11.7
		21	27.0	5.31	32.2	6.43	37.4	7.67	40.1	8.43	42.7	9.23	47.9	10.9	53.1	12.0
		23	27.0	5.41	32.2	6.70	37.4	8.21	40.1	9.03	42.7	9.88	47.9	11.7	52.5	12.5
		25	27.0	5.70	32.2	7.15	37.4	8.78	40.1	9.66	42.7	10.6	47.9	12.5	51.7	13.1
		27	27.0	6.07	32.2	7.63	37.4	9.37	40.1	10.3	42.7	11.3	47.9	13.4	51.0	13.6
		29	27.0	6.45	32.2	8.13	37.4	10.0	40.1	11.0	42.7	12.1	47.9	14.1	50.2	14.2
		31	27.0	6.86	32.2	8.65	37.4	10.7	40.1	11.7	42.7	12.9	47.9	14.6	49.4	14.7
		33	27.0	7.29	32.2	9.21	37.4	11.4	40.1	12.5	42.7	13.7	47.7	15.1	48.7	15.3
		35	27.0	7.74	32.2	9.79	37.4	12.1	40.1	13.3	42.7	14.7	46.9	15.7	47.9	15.8
		37	27.0	8.21	32.2	10.4	37.4	12.9	40.1	14.2	42.7	15.6	46.2	16.3	47.2	16.4
		39	27.0	8.71	32.2	11.1	37.4	13.7	40.1	15.1	42.7	16.6	45.2	16.8	45.9	16.9
80	320	10	24.0	4.28	28.7	5.12	33.3	6.02	35.6	6.48	37.9	6.96	42.5	7.93	47.2	8.94
		12	24.0	4.35	28.7	5.21	33.3	6.13	35.6	6.60	37.9	7.09	42.5	8.08	47.2	9.11
		14	24.0	4.42	28.7	5.30	33.3	6.24	35.6	6.72	37.9	7.22	42.5	8.24	47.2	9.28
		16	24.0	4.49	28.7	5.40	33.3	6.35	35.6	6.85	37.9	7.36	42.5	8.40	47.2	9.46
		18	24.0	4.57	28.7	5.49	33.3	6.47	35.6	6.98	37.9	7.50	42.5	8.56	47.2	9.65
		20	24.0	4.65	28.7	5.60	33.3	6.60	35.6	7.12	37.9	7.65	42.5	8.88	47.2	10.3
		21	24.0	4.69	28.7	5.65	33.3	6.67	35.6	7.19	37.9	7.81	42.5	9.19	47.2	10.7
		23	24.0	4.78	28.7	5.76	33.3	6.99	35.6	7.66	37.9	8.36	42.5	9.85	47.2	11.5
		25	24.0	4.94	28.7	6.13	33.3	7.46	35.6	8.18	37.9	8.93	42.5	10.5	47.2	12.3
		27	24.0	5.25	28.7	6.53	33.3	7.96	35.6	8.73	37.9	9.54	42.5	11.3	47.2	13.1
		29	24.0	5.58	28.7	6.95	33.3	8.49	35.6	9.31	37.9	10.2	42.5	12.0	47.2	14.0
		31	24.0	5.92	28.7	7.40	33.3	9.04	35.6	9.93	37.9	10.9	42.5	12.8	47.2	14.6
		33	24.0	6.28	28.7	7.86	33.3	9.62	35.6	10.6	37.9	11.6	42.5	13.7	47.2	15.1
		35	24.0	6.67	28.7	8.35	33.3	10.2	35.6	11.3	37.9	12.3	42.5	14.6	46.8	15.7
		37	24.0	7.07	28.7	8.87	33.3	10.9	35.6	12.0	37.9	13.1	42.5	15.6	46.0	16.2
		39	24.0	7.49	28.7	9.41	33.3	11.6	35.6	12.7	37.9	14.0	42.5	16.6	45.3	16.8
70	280	10	21.0	3.76	25.1	4.46	29.1	5.21	31.2	5.60	33.2	6.00	37.2	6.82	41.3	7.66
		12	21.0	3.82	25.1	4.54	29.1	5.30	31.2	5.70	33.2	6.10	37.2	6.94	41.3	7.81
		14	21.0	3.88	25.1	4.61	29.1	5.39	31.2	5.80	33.2	6.21	37.2	7.07	41.3	7.95
		16	21.0	3.94	25.1	4.69	29.1	5.49	31.2	5.91	33.2	6.33	37.2	7.21	41.3	8.11
		18	21.0	4.00	25.1	4.77	29.1	5.59	31.2	6.02	33.2	6.45	37.2	7.35	41.3	8.27
		20	21.0	4.07	25.1	4.86	29.1	5.70	31.2	6.13	33.2	6.58	37.2	7.49	41.3	8.50
		21	21.0	4.11	25.1	4.90	29.1	5.75	31.2	6.19	33.2	6.64	37.2	7.61	41.3	8.80
		23	21.0	4.18	25.1	5.00	29.1	5.87	31.2	6.40	33.2	6.96	37.2	8.14	41.3	9.43
		25	21.0	4.25	25.1	5.19	29.1	6.26	31.2	6.83	33.2	7.43	37.2	8.71	41.3	10.1
		27	21.0	4.50	25.1	5.53	29.1	6.67	31.2	7.29	33.2	7.93	37.2	9.30	41.3	10.8
		29	21.0	4.77	25.1	5.88	29.1	7.10	31.2	7.76	33.2	8.45	37.2	9.92	41.3	11.5
		31	21.0	5.06	25.1	6.24	29.1	7.55	31.2	8.26	33.2	9.00	37.2	10.6	41.3	12.3
		33	21.0	5.36	25.1	6.63	29.1	8.03	31.2	8.79	33.2	9.58	37.2	11.3	41.3	13.1
		35	21.0	5.68	25.1	7.03	29.1	8.53	31.2	9.34	33.2	10.2	37.2	12.0	41.3	14.0
		37	21.0	6.01	25.1	7.45	29.1	9.06	31.2	9.93	33.2	10.8	37.2	12.8	41.3	14.9
		39	21.0	6.36	25.1	7.90	29.1	9.62	31.2	10.5	33.2	11.5	37.2	13.6	41.3	15.8
60	240	10	18.0	3.27	21.5	3.84	25.0	4.44	26.7	4.76	28.4	5.08	31.9	5.75	35.4	6.44
		12	18.0	3.32	21.5	3.90	25.0	4.52	26.7	4.84	28.4	5.17	31.9	5.85	35.4	6.55
		14	18.0	3.37	21.5	3.96	25.0	4.59	26.7	4.92	28.4	5.26	31.9	5.95	35.4	6.68
		16	18.0	3.42	21.5	4.02	25.0	4.67	26.7	5.01	28.4	5.35	31.9	6.06	35.4	6.80
		18	18.0	3.47	21.5	4.09	25.0	4.75	26.7	5.10	28.4	5.45	31.9	6.18	35.4	6.93
		20	18.0	3.52	21.5	4.16	25.0	4.84	26.7	5.19	28.4	5.55	31.9	6.30	35.4	7.07
		21	18.0	3.55	21.5	4.20	25.0	4.88	26.7	5.24	28.4	5.60	31.9	6.36	35.4	7.14
		23	18.0	3.61	21.5	4.27	25.0	4.97	26.7	5.34	28.4	5.71	31.9	6.61	35.4	7.59
		25	18.0	3.67	21.5	4.35	25.0	5.17	26.7	5.61	28.4	6.07	31.9	7.05	35.4	8.11
		27	18.0	3.80	21.5	4.61	25.0	5.50	26.7	5.97	28.4	6.47	31.9	7.52	35.4	8.66
		29	18.0	4.03	21.5	4.89	25.0	5.84	26.7	6.35	28.4	6.88	31.9	8.01	35.4	9.23
		31	18.0	4.27	21.5	5.19	25.0	6.21	26.7	6.75	28.4	7.32	31.9	8.53	35.4	9.84
		33	18.0	4.51	21.5	5.50	25.0	6.59	26.7	7.17	28.4	7.78	31.9	9.08	35.4	10.5
		35	18.0	4.77	21.5	5.83	25.0	6.99	26.7	7.62	28.4	8.27	31.9	9.65	35.4	11.2
		37	18.0	5.04	21.5	6.17	25.0	7.41	26.7	8.08	28.4	8.78	31.9	10.3	35.4	11.9
		39	18.0	5.33	21.5	6.53	25.0	7.86	26.7	8.57	28.4	9.32	31.9	10.9	35.4	12.6

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-5 16HP

16HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	
50	200	10	15.0	2.81	17.9	3.25	20.8	3.72	22.3	3.97	23.7	4.22	26.6	4.74	29.5	5.28
		12	15.0	2.85	17.9	3.30	20.8	3.78	22.3	4.03	23.7	4.29	26.6	4.82	29.5	5.37
		14	15.0	2.89	17.9	3.35	20.8	3.84	22.3	4.09	23.7	4.36	26.6	4.90	29.5	5.46
		16	15.0	2.92	17.9	3.40	20.8	3.90	22.3	4.16	23.7	4.43	26.6	4.99	29.5	5.56
		18	15.0	2.97	17.9	3.45	20.8	3.96	22.3	4.23	23.7	4.51	26.6	5.07	29.5	5.67
		20	15.0	3.01	17.9	3.50	20.8	4.03	22.3	4.30	23.7	4.59	26.6	5.17	29.5	5.77
		21	15.0	3.03	17.9	3.53	20.8	4.06	22.3	4.34	23.7	4.63	26.6	5.22	29.5	5.83
		23	15.0	3.07	17.9	3.59	20.8	4.14	22.3	4.42	23.7	4.71	26.6	5.31	29.5	5.96
		25	15.0	3.12	17.9	3.65	20.8	4.21	22.3	4.51	23.7	4.86	26.6	5.58	29.5	6.36
		27	15.0	3.17	17.9	3.78	20.8	4.44	22.3	4.80	23.7	5.16	26.6	5.94	29.5	6.78
		29	15.0	3.36	17.9	4.00	20.8	4.71	22.3	5.09	23.7	5.49	26.6	6.32	29.5	7.22
		31	15.0	3.55	17.9	4.24	20.8	5.00	22.3	5.40	23.7	5.82	26.6	6.72	29.5	7.68
		33	15.0	3.74	17.9	4.48	20.8	5.30	22.3	5.73	23.7	6.18	26.6	7.14	29.5	8.16
		35	15.0	3.95	17.9	4.74	20.8	5.61	22.3	6.07	23.7	6.55	26.6	7.57	29.5	8.67
		37	15.0	4.17	17.9	5.01	20.8	5.94	22.3	6.43	23.7	6.95	26.6	8.04	29.5	9.21
		39	15.0	4.39	17.9	5.29	20.8	6.28	22.3	6.81	23.7	7.36	26.6	8.53	29.5	9.78

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3 Capacity tables

3-1 Cooling capacity

3-1-6 18HP

18HP		Indoor air temperature: °CWB														TC: Total capacity ; PI: Power input	
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0		
			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	kW
130	585	10	44.2	7.35	52.7	9.00	61.3	10.7	65.5	10.9	66.8	10.7	68.4	10.3	70.0	9.80	
		12	44.2	7.49	52.7	9.17	61.3	10.9	65.2	10.9	66.0	10.6	67.6	10.2	69.2	10.0	
		14	44.2	7.63	52.7	9.35	61.3	11.0	64.3	10.8	65.1	10.6	66.7	10.5	68.3	10.6	
		16	44.2	7.78	52.7	9.53	61.3	11.0	63.5	10.9	64.3	11.0	65.8	11.1	67.4	11.2	
		18	44.2	7.93	52.7	9.72	61.3	11.4	62.6	11.5	63.4	11.5	65.0	11.6	66.6	11.7	
		20	44.2	8.09	52.7	10.4	60.9	12.0	61.7	12.0	62.5	12.1	64.1	12.2	65.7	12.3	
		21	44.2	8.31	52.7	10.7	60.5	12.2	61.3	12.3	62.1	12.4	63.7	12.5	65.3	12.6	
		23	44.2	8.90	52.7	11.5	59.6	12.8	60.4	12.9	61.2	12.9	62.8	13.1	64.4	13.2	
		25	44.2	9.52	52.7	12.3	58.8	13.4	59.6	13.4	60.4	13.5	62.0	13.6	63.6	13.8	
		27	44.2	10.2	52.7	13.2	57.9	13.9	58.7	14.0	59.5	14.1	61.1	14.2	62.7	14.4	
		29	44.2	10.9	52.7	14.1	57.1	14.5	57.9	14.6	58.7	14.7	60.3	14.8	61.8	15.0	
		31	44.2	11.6	52.7	14.9	56.2	15.1	57.0	15.1	57.8	15.2	59.4	15.4	61.0	15.6	
		33	44.2	12.3	52.7	15.5	55.3	15.6	56.1	15.7	56.9	15.8	58.5	16.0	60.1	16.2	
		35	44.2	13.1	52.7	16.0	54.5	16.2	55.3	16.3	56.1	16.4	57.7	16.6	59.3	16.8	
		37	44.2	14.0	52.0	16.6	53.6	16.8	54.4	16.9	55.2	17.0	56.8	17.2	58.4	17.4	
		39	44.2	14.9	51.2	17.2	52.8	17.4	53.6	17.5	54.4	17.6	55.9	17.8	57.5	18.0	
120	540	10	40.8	6.72	48.7	8.21	56.5	9.76	60.5	10.5	64.4	11.0	67.3	10.6	68.8	10.2	
		12	40.8	6.84	48.7	8.36	56.5	9.94	60.5	10.7	64.4	10.9	66.4	10.5	67.9	10.1	
		14	40.8	6.97	48.7	8.52	56.5	10.1	60.5	11.0	64.1	10.9	65.6	10.5	67.1	10.5	
		16	40.8	7.10	48.7	8.69	56.5	10.3	60.5	11.0	63.2	10.9	64.7	11.0	66.2	11.1	
		18	40.8	7.24	48.7	8.86	56.5	10.7	60.5	11.4	62.4	11.5	63.9	11.6	65.3	11.7	
		20	40.8	7.38	48.7	9.21	56.5	11.5	60.5	12.0	61.5	12.0	63.0	12.1	64.5	12.2	
		21	40.8	7.45	48.7	9.54	56.5	11.9	60.4	12.2	61.1	12.3	62.6	12.4	64.0	12.5	
		23	40.8	7.96	48.7	10.2	56.5	12.7	59.5	12.8	60.2	12.9	61.7	13.0	63.2	13.1	
		25	40.8	8.51	48.7	10.9	56.5	13.3	58.6	13.4	59.4	13.4	60.8	13.5	62.3	13.7	
		27	40.8	9.08	48.7	11.7	56.5	13.8	57.8	13.9	58.5	14.0	60.0	14.1	61.5	14.3	
		29	40.8	9.69	48.7	12.5	56.2	14.4	56.9	14.5	57.7	14.6	59.1	14.7	60.6	14.8	
		31	40.8	10.3	48.7	13.3	55.3	15.0	56.1	15.0	56.8	15.1	58.3	15.3	59.7	15.4	
		33	40.8	11.0	48.7	14.2	54.5	15.5	55.2	15.6	55.9	15.7	57.4	15.9	58.9	16.0	
		35	40.8	11.7	48.7	15.2	53.6	16.1	54.3	16.2	55.1	16.3	56.5	16.4	58.0	16.6	
		37	40.8	12.5	48.7	16.2	52.7	16.7	53.5	16.8	54.2	16.9	55.7	17.0	57.2	17.2	
		39	40.8	13.3	48.7	17.1	51.9	17.2	52.6	17.3	53.3	17.4	54.8	17.6	56.3	17.8	
110	495	10	37.4	6.10	44.6	7.43	51.8	8.82	55.4	9.54	59.0	10.3	66.2	10.9	67.5	10.5	
		12	37.4	6.21	44.6	7.57	51.8	8.99	55.4	9.72	59.0	10.5	65.3	10.8	66.7	10.5	
		14	37.4	6.32	44.6	7.71	51.8	9.16	55.4	9.90	59.0	10.7	64.5	10.8	65.8	10.4	
		16	37.4	6.44	44.6	7.86	51.8	9.34	55.4	10.1	59.0	10.9	63.6	10.9	64.9	11.0	
		18	37.4	6.56	44.6	8.01	51.8	9.53	55.4	10.4	59.0	11.4	62.7	11.5	64.1	11.6	
		20	37.4	6.69	44.6	8.17	51.8	10.1	55.4	11.2	59.0	11.9	61.9	12.0	63.2	12.1	
		21	37.4	6.76	44.6	8.42	51.8	10.5	55.4	11.6	59.0	12.2	61.4	12.3	62.8	12.4	
		23	37.4	7.07	44.6	9.02	51.8	11.2	55.4	12.4	59.0	12.8	60.6	12.9	61.9	13.0	
		25	37.4	7.55	44.6	9.64	51.8	12.0	55.4	13.3	58.4	13.3	59.7	13.4	61.1	13.6	
		27	37.4	8.06	44.6	10.3	51.8	12.8	55.4	13.8	57.5	13.9	58.9	14.0	60.2	14.1	
		29	37.4	8.59	44.6	11.0	51.8	13.7	55.4	14.4	56.6	14.5	58.0	14.6	59.3	14.7	
		31	37.4	9.15	44.6	11.7	51.8	14.6	55.1	14.9	55.8	15.0	57.1	15.2	58.5	15.3	
		33	37.4	9.74	44.6	12.5	51.8	15.4	54.3	15.5	54.9	15.6	56.3	15.7	57.6	15.9	
		35	37.4	10.4	44.6	13.3	51.8	16.0	53.4	16.1	54.1	16.2	55.4	16.3	56.8	16.5	
		37	37.4	11.0	44.6	14.2	51.8	16.6	52.5	16.6	53.2	16.7	54.6	16.9	55.9	17.1	
		39	37.4	11.7	44.6	15.1	51.0	17.1	51.7	17.2	52.3	17.3	53.7	17.5	55.0	17.6	
100	450	10	34.0	5.50	40.6	6.67	47.1	7.91	50.4	8.54	53.7	9.19	60.2	10.5	66.3	10.9	
		12	34.0	5.60	40.6	6.79	47.1	8.05	50.4	8.70	53.7	9.36	60.2	10.7	65.4	10.8	
		14	34.0	5.70	40.6	6.92	47.1	8.21	50.4	8.87	53.7	9.54	60.2	10.9	64.6	10.8	
		16	34.0	5.80	40.6	7.05	47.1	8.37	50.4	9.04	53.7	9.73	60.2	11.0	63.7	10.9	
		18	34.0	5.91	40.6	7.19	47.1	8.53	50.4	9.22	53.7	9.92	60.2	11.4	62.8	11.5	
		20	34.0	6.02	40.6	7.33	47.1	8.79	50.4	9.68	53.7	10.6	60.2	12.0	62.0	12.0	
		21	34.0	6.08	40.6	7.40	47.1	9.10	50.4	10.0	53.7	11.0	60.2	12.2	61.5	12.3	
		23	34.0	6.24	40.6	7.89	47.1	9.75	50.4	10.8	53.7	11.8	59.5	12.8	60.7	12.9	
		25	34.0	6.66	40.6	8.44	47.1	10.4	50.4	11.5	53.7	12.6	58.6	13.4	59.8	13.5	
		27	34.0	7.10	40.6	9.01	47.1	11.1	50.4	12.3	53.7	13.5	57.7	13.9	59.0	14.0	
		29	34.0	7.56	40.6	9.60	47.1	11.9	50.4	13.1	53.7	14.4	56.9	14.5	58.1	14.6	
		31	34.0	8.04	40.6	10.2	47.1	12.7	50.4	14.0	53.7	14.9	56.0	15.0	57.2	15.2	
		33	34.0	8.55	40.6	10.9	47.1	13.5	50.4	15.0	53.7	15.5	55.1	15.6	56.4	15.7	
		35	34.0	9.09	40.6	11.6	47.1	14.4	50.4	16.0	53.1	16.0	54.3	16.2	55.5	16.3	
		37	34.0	9.66	40.6	12.3	47.1	15.4	50.4	16.5	52.2	16.6	53.4	16.8	54.7	16.9	
		39	34.0	10.3	40.6	13.1	47.1	16.4	50.4	17.1	51.3	17.2	52.6	17.3	53.8	17.5	

3 Capacity tables

3-1 Cooling capacity

3-1-6 18HP

18HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	405	10	30.6	4.93	36.5	5.94	42.4	7.01	45.4	7.57	48.3	8.14	54.2	9.29	60.1	10.5
		12	30.6	5.01	36.5	6.05	42.4	7.14	45.4	7.71	48.3	8.29	54.2	9.47	60.1	10.7
		14	30.6	5.10	36.5	6.16	42.4	7.28	45.4	7.86	48.3	8.45	54.2	9.65	60.1	10.9
		16	30.6	5.19	36.5	6.27	42.4	7.42	45.4	8.01	48.3	8.61	54.2	9.84	60.1	11.1
		18	30.6	5.28	36.5	6.39	42.4	7.56	45.4	8.16	48.3	8.78	54.2	10.0	60.1	11.4
		20	30.6	5.38	36.5	6.51	42.4	7.71	45.4	8.33	48.3	9.11	54.2	10.8	60.1	12.0
		21	30.6	5.43	36.5	6.58	42.4	7.84	45.4	8.62	48.3	9.43	54.2	11.2	60.1	12.2
		23	30.6	5.53	36.5	6.85	42.4	8.39	45.4	9.23	48.3	10.1	54.2	12.0	59.4	12.8
		25	30.6	5.82	36.5	7.31	42.4	8.97	45.4	9.87	48.3	10.8	54.2	12.8	58.6	13.3
		27	30.6	6.20	36.5	7.80	42.4	9.58	45.4	10.5	48.3	11.6	54.2	13.7	57.7	13.9
		29	30.6	6.60	36.5	8.31	42.4	10.2	45.4	11.3	48.3	12.3	54.2	14.4	56.8	14.5
		31	30.6	7.01	36.5	8.85	42.4	10.9	45.4	12.0	48.3	13.2	54.2	14.9	56.0	15.0
		33	30.6	7.45	36.5	9.41	42.4	11.6	45.4	12.8	48.3	14.1	54.0	15.5	55.1	15.6
		35	30.6	7.91	36.5	10.0	42.4	12.4	45.4	13.6	48.3	15.0	53.2	16.1	54.3	16.2
		37	30.6	8.39	36.5	10.6	42.4	13.2	45.4	14.5	48.3	16.0	52.3	16.6	53.4	16.8
		39	30.6	8.91	36.5	11.3	42.4	14.0	45.4	15.5	48.3	17.0	51.4	17.2	52.5	17.3
80	360	10	27.2	4.37	32.5	5.24	37.7	6.15	40.3	6.63	42.9	7.11	48.2	8.11	53.4	9.14
		12	27.2	4.44	32.5	5.33	37.7	6.26	40.3	6.75	42.9	7.24	48.2	8.26	53.4	9.31
		14	27.2	4.52	32.5	5.42	37.7	6.38	40.3	6.87	42.9	7.38	48.2	8.42	53.4	9.49
		16	27.2	4.59	32.5	5.52	37.7	6.50	40.3	7.00	42.9	7.52	48.2	8.58	53.4	9.67
		18	27.2	4.67	32.5	5.62	37.7	6.62	40.3	7.14	42.9	7.67	48.2	8.75	53.4	9.87
		20	27.2	4.76	32.5	5.72	37.7	6.75	40.3	7.28	42.9	7.82	48.2	9.07	53.4	10.6
		21	27.2	4.80	32.5	5.78	37.7	6.81	40.3	7.35	42.9	7.98	48.2	9.40	53.4	10.9
		23	27.2	4.89	32.5	5.89	37.7	7.15	40.3	7.83	42.9	8.54	48.2	10.1	53.4	11.7
		25	27.2	5.05	32.5	6.27	37.7	7.63	40.3	8.36	42.9	9.13	48.2	10.8	53.4	12.6
		27	27.2	5.37	32.5	6.68	37.7	8.14	40.3	8.93	42.9	9.75	48.2	11.5	53.4	13.4
		29	27.2	5.70	32.5	7.11	37.7	8.68	40.3	9.52	42.9	10.4	48.2	12.3	53.4	14.4
		31	27.2	6.06	32.5	7.56	37.7	9.24	40.3	10.1	42.9	11.1	48.2	13.1	53.4	14.9
		33	27.2	6.43	32.5	8.04	37.7	9.84	40.3	10.8	42.9	11.8	48.2	14.0	53.4	15.5
		35	27.2	6.81	32.5	8.54	37.7	10.5	40.3	11.5	42.9	12.6	48.2	14.9	53.0	16.0
		37	27.2	7.22	32.5	9.07	37.7	11.1	40.3	12.2	42.9	13.4	48.2	15.9	52.2	16.6
		39	27.2	7.65	32.5	9.63	37.7	11.8	40.3	13.0	42.9	14.3	48.2	16.9	51.3	17.2
70	315	10	23.8	3.84	28.4	4.56	33.0	5.33	35.3	5.72	37.6	6.13	42.2	6.97	46.8	7.83
		12	23.8	3.90	28.4	4.64	33.0	5.42	35.3	5.82	37.6	6.24	42.2	7.10	46.8	7.98
		14	23.8	3.96	28.4	4.72	33.0	5.51	35.3	5.93	37.6	6.35	42.2	7.23	46.8	8.13
		16	23.8	4.03	28.4	4.80	33.0	5.61	35.3	6.04	37.6	6.47	42.2	7.37	46.8	8.29
		18	23.8	4.09	28.4	4.88	33.0	5.72	35.3	6.15	37.6	6.60	42.2	7.51	46.8	8.45
		20	23.8	4.16	28.4	4.97	33.0	5.82	35.3	6.27	37.6	6.72	42.2	7.66	46.8	8.69
		21	23.8	4.20	28.4	5.01	33.0	5.88	35.3	6.33	37.6	6.79	42.2	7.78	46.8	9.00
		23	23.8	4.27	28.4	5.11	33.0	6.00	35.3	6.55	37.6	7.11	42.2	8.33	46.8	9.64
		25	23.8	4.35	28.4	5.31	33.0	6.40	35.3	6.99	37.6	7.60	42.2	8.90	46.8	10.3
		27	23.8	4.60	28.4	5.65	33.0	6.82	35.3	7.45	37.6	8.10	42.2	9.50	46.8	11.0
		29	23.8	4.88	28.4	6.01	33.0	7.26	35.3	7.93	37.6	8.64	42.2	10.1	46.8	11.8
		31	23.8	5.17	28.4	6.38	33.0	7.72	35.3	8.45	37.6	9.20	42.2	10.8	46.8	12.6
		33	23.8	5.48	28.4	6.77	33.0	8.21	35.3	8.98	37.6	9.79	42.2	11.5	46.8	13.4
		35	23.8	5.80	28.4	7.19	33.0	8.72	35.3	9.55	37.6	10.4	42.2	12.3	46.8	14.3
		37	23.8	6.14	28.4	7.62	33.0	9.27	35.3	10.2	37.6	11.1	42.2	13.1	46.8	15.2
		39	23.8	6.50	28.4	8.08	33.0	9.84	35.3	10.8	37.6	11.8	42.2	13.9	46.8	16.2
60	270	10	20.4	3.34	24.3	3.93	28.3	4.54	30.2	4.86	32.2	5.19	36.1	5.87	40.1	6.58
		12	20.4	3.39	24.3	3.99	28.3	4.62	30.2	4.95	32.2	5.28	36.1	5.98	40.1	6.70
		14	20.4	3.44	24.3	4.05	28.3	4.69	30.2	5.03	32.2	5.38	36.1	6.09	40.1	6.83
		16	20.4	3.49	24.3	4.11	28.3	4.78	30.2	5.12	32.2	5.47	36.1	6.20	40.1	6.95
		18	20.4	3.55	24.3	4.18	28.3	4.86	30.2	5.21	32.2	5.57	36.1	6.32	40.1	7.09
		20	20.4	3.60	24.3	4.25	28.3	4.95	30.2	5.31	32.2	5.68	36.1	6.44	40.1	7.23
		21	20.4	3.63	24.3	4.29	28.3	4.99	30.2	5.36	32.2	5.73	36.1	6.50	40.1	7.30
		23	20.4	3.69	24.3	4.37	28.3	5.08	30.2	5.46	32.2	5.84	36.1	6.76	40.1	7.76
		25	20.4	3.75	24.3	4.44	28.3	5.28	30.2	5.74	32.2	6.21	36.1	7.21	40.1	8.29
		27	20.4	3.89	24.3	4.71	28.3	5.62	30.2	6.11	32.2	6.61	36.1	7.69	40.1	8.85
		29	20.4	4.12	24.3	5.00	28.3	5.98	30.2	6.50	32.2	7.04	36.1	8.19	40.1	9.44
		31	20.4	4.36	24.3	5.31	28.3	6.35	30.2	6.90	32.2	7.49	36.1	8.72	40.1	10.1
		33	20.4	4.61	24.3	5.62	28.3	6.74	30.2	7.33	32.2	7.96	36.1	9.28	40.1	10.7
		35	20.4	4.88	24.3	5.96	28.3	7.15	30.2	7.79	32.2	8.45	36.1	9.87	40.1	11.4
		37	20.4	5.16	24.3	6.31	28.3	7.58	30.2	8.26	32.2	8.97	36.1	10.5	40.1	12.1
		39	20.4	5.45	24.3	6.68	28.3	8.04	30.2	8.76	32.2	9.53	36.1	11.2	40.1	12.9

3 Capacity tables

3-1 Cooling capacity

3-1-6 18HP

18HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50	225	10	17.0	2.87	20.3	3.33	23.6	3.81	25.2	4.06	26.8	4.31	30.1	4.84	33.4	5.40
		12	17.0	2.91	20.3	3.37	23.6	3.87	25.2	4.12	26.8	4.38	30.1	4.92	33.4	5.49
		14	17.0	2.95	20.3	3.42	23.6	3.93	25.2	4.19	26.8	4.45	30.1	5.01	33.4	5.59
		16	17.0	2.99	20.3	3.47	23.6	3.99	25.2	4.26	26.8	4.53	30.1	5.10	33.4	5.69
		18	17.0	3.03	20.3	3.53	23.6	4.05	25.2	4.33	26.8	4.61	30.1	5.19	33.4	5.79
		20	17.0	3.08	20.3	3.58	23.6	4.12	25.2	4.40	26.8	4.69	30.1	5.28	33.4	5.90
		21	17.0	3.10	20.3	3.61	23.6	4.16	25.2	4.44	26.8	4.73	30.1	5.33	33.4	5.96
		23	17.0	3.14	20.3	3.67	23.6	4.23	25.2	4.52	26.8	4.82	30.1	5.43	33.4	6.10
		25	17.0	3.19	20.3	3.73	23.6	4.30	25.2	4.61	26.8	4.96	30.1	5.71	33.4	6.50
		27	17.0	3.24	20.3	3.86	23.6	4.54	25.2	4.90	26.8	5.28	30.1	6.08	33.4	6.93
		29	17.0	3.43	20.3	4.09	23.6	4.82	25.2	5.21	26.8	5.61	30.1	6.46	33.4	7.38
		31	17.0	3.63	20.3	4.33	23.6	5.11	25.2	5.52	26.8	5.96	30.1	6.87	33.4	7.85
		33	17.0	3.83	20.3	4.58	23.6	5.41	25.2	5.86	26.8	6.32	30.1	7.30	33.4	8.35
		35	17.0	4.04	20.3	4.85	23.6	5.73	25.2	6.21	26.8	6.70	30.1	7.74	33.4	8.87
37	17.0	4.26	20.3	5.12	23.6	6.07	25.2	6.57	26.8	7.10	30.1	8.22	33.4	9.42		
39	17.0	4.49	20.3	5.41	23.6	6.42	25.2	6.96	26.8	7.52	30.1	8.72	33.4	10.0		

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3 Capacity tables

3-1 Cooling capacity

3-1-7 20HP

20HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	650	10	49.1	8.29	58.6	10.1	68.1	12.1	72.8	12.3	74.3	12.1	76.0	11.6	77.8	11.0
		12	49.1	8.44	58.6	10.3	68.1	12.3	72.4	12.3	73.3	12.0	75.1	11.5	76.8	11.3
		14	49.1	8.60	58.6	10.5	68.1	12.5	71.5	12.2	72.3	11.9	74.1	11.8	75.9	11.9
		16	49.1	8.77	58.6	10.7	68.1	12.4	70.5	12.3	71.4	12.4	73.2	12.5	74.9	12.6
		18	49.1	8.94	58.6	11.0	68.1	12.9	69.5	12.9	70.4	13.0	72.2	13.1	74.0	13.2
		20	49.1	9.12	58.6	11.7	67.7	13.5	68.6	13.6	69.5	13.6	71.3	13.8	73.0	13.9
		21	49.1	9.37	58.6	12.1	67.2	13.8	68.1	13.9	69.0	13.9	70.8	14.1	72.5	14.2
		23	49.1	10.0	58.6	13.0	66.3	14.4	67.2	14.5	68.0	14.6	69.8	14.7	71.6	14.9
		25	49.1	10.7	58.6	13.9	65.3	15.1	66.2	15.1	67.1	15.2	68.9	15.4	70.6	15.5
		27	49.1	11.5	58.6	14.8	64.4	15.7	65.2	15.8	66.1	15.9	67.9	16.0	69.7	16.2
		29	49.1	12.2	58.6	15.9	63.4	16.3	64.3	16.4	65.2	16.5	66.9	16.7	68.7	16.9
		31	49.1	13.0	58.6	16.8	62.4	17.0	63.3	17.1	64.2	17.2	66.0	17.3	67.8	17.5
		33	49.1	13.9	58.6	17.4	61.5	17.6	62.4	17.7	63.3	17.8	65.0	18.0	66.8	18.2
		35	49.1	14.8	58.6	18.1	60.5	18.3	61.4	18.4	62.3	18.5	64.1	18.7	65.8	18.9
		37	49.1	15.8	57.8	18.7	59.6	18.9	60.5	19.0	61.3	19.1	63.1	19.3	64.9	19.6
		39	49.1	16.8	56.8	19.3	58.6	19.6	59.5	19.7	60.4	19.8	62.2	20.0	63.9	20.3
		120	600	10	45.4	7.57	54.1	9.25	62.8	11.0	67.2	11.9	71.6	12.4	74.8	11.9
12	45.4			7.71	54.1	9.42	62.8	11.2	67.2	12.1	71.6	12.3	73.8	11.9	75.5	11.4
14	45.4			7.85	54.1	9.60	62.8	11.4	67.2	12.3	71.2	12.3	72.9	11.8	74.5	11.9
16	45.4			8.00	54.1	9.79	62.8	11.6	67.2	12.4	70.3	12.3	71.9	12.4	73.5	12.5
18	45.4			8.16	54.1	9.98	62.8	12.0	67.2	12.9	69.3	12.9	71.0	13.0	72.6	13.1
20	45.4			8.32	54.1	10.4	62.8	12.9	67.2	13.5	68.4	13.5	70.0	13.7	71.6	13.8
21	45.4			8.40	54.1	10.7	62.8	13.4	67.1	13.8	67.9	13.9	69.5	14.0	71.2	14.1
23	45.4			8.97	54.1	11.5	62.8	14.4	66.1	14.4	66.9	14.5	68.6	14.6	70.2	14.8
25	45.4			9.59	54.1	12.3	62.8	15.0	65.2	15.1	66.0	15.1	67.6	15.3	69.2	15.4
27	45.4			10.2	54.1	13.2	62.8	15.6	64.2	15.7	65.0	15.8	66.7	15.9	68.3	16.1
29	45.4			10.9	54.1	14.1	62.4	16.2	63.2	16.3	64.1	16.4	65.7	16.6	67.3	16.7
31	45.4			11.6	54.1	15.0	61.5	16.9	62.3	17.0	63.1	17.0	64.7	17.2	66.4	17.4
33	45.4			12.4	54.1	16.0	60.5	17.5	61.3	17.6	62.1	17.7	63.8	17.9	65.4	18.1
35	45.4			13.2	54.1	17.1	59.6	18.1	60.4	18.2	61.2	18.3	62.8	18.5	64.5	18.7
37	45.4			14.0	54.1	18.2	58.6	18.8	59.4	18.9	60.2	19.0	61.9	19.2	63.5	19.4
39	45.4			14.9	54.1	19.2	57.6	19.4	58.5	19.5	59.3	19.6	60.9	19.9	62.5	20.1
110	550			10	41.6	6.88	49.6	8.37	57.6	9.94	61.6	10.7	65.6	11.6	73.5	12.3
		12	41.6	7.00	49.6	8.53	57.6	10.1	61.6	11.0	65.6	11.8	72.6	12.2	74.1	11.8
		14	41.6	7.13	49.6	8.69	57.6	10.3	61.6	11.2	65.6	12.0	71.6	12.1	73.1	11.8
		16	41.6	7.26	49.6	8.86	57.6	10.5	61.6	11.4	65.6	12.2	70.7	12.3	72.2	12.4
		18	41.6	7.40	49.6	9.03	57.6	10.7	61.6	11.7	65.6	12.8	69.7	12.9	71.2	13.0
		20	41.6	7.54	49.6	9.21	57.6	11.4	61.6	12.6	65.6	13.5	68.7	13.6	70.2	13.7
		21	41.6	7.62	49.6	9.49	57.6	11.8	61.6	13.0	65.6	13.8	68.3	13.9	69.8	14.0
		23	41.6	7.97	49.6	10.2	57.6	12.6	61.6	14.0	65.6	14.4	67.3	14.5	68.8	14.6
		25	41.6	8.51	49.6	10.9	57.6	13.5	61.6	15.0	64.9	15.0	66.4	15.2	67.9	15.3
		27	41.6	9.08	49.6	11.6	57.6	14.5	61.6	15.6	63.9	15.7	65.4	15.8	66.9	15.9
		29	41.6	9.68	49.6	12.4	57.6	15.5	61.6	16.2	62.9	16.3	64.4	16.4	65.9	16.6
		31	41.6	10.3	49.6	13.2	57.6	16.5	61.2	16.8	62.0	16.9	63.5	17.1	65.0	17.2
		33	41.6	11.0	49.6	14.1	57.6	17.4	60.3	17.5	61.0	17.6	62.5	17.7	64.0	17.9
		35	41.6	11.7	49.6	15.0	57.6	18.0	59.3	18.1	60.1	18.2	61.6	18.4	63.1	18.6
		37	41.6	12.4	49.6	16.0	57.6	18.7	58.4	18.8	59.1	18.9	60.6	19.0	62.1	19.2
		39	41.6	13.2	49.6	17.0	56.7	19.3	57.4	19.4	58.2	19.5	59.7	19.7	61.2	19.9
		100	500	10	37.8	6.20	45.1	7.52	52.4	8.91	56.0	9.63	59.6	10.4	66.9	11.8
12	37.8			6.31	45.1	7.66	52.4	9.08	56.0	9.81	59.6	10.6	66.9	12.1	72.7	12.2
14	37.8			6.42	45.1	7.80	52.4	9.25	56.0	10.0	59.6	10.8	66.9	12.3	71.7	12.1
16	37.8			6.54	45.1	7.95	52.4	9.43	56.0	10.2	59.6	11.0	66.9	12.5	70.8	12.3
18	37.8			6.66	45.1	8.10	52.4	9.62	56.0	10.4	59.6	11.2	66.9	12.9	69.8	12.9
20	37.8			6.79	45.1	8.26	52.4	9.91	56.0	10.9	59.6	12.0	66.9	13.5	68.9	13.6
21	37.8			6.85	45.1	8.34	52.4	10.3	56.0	11.3	59.6	12.4	66.9	13.8	68.4	13.9
23	37.8			7.03	45.1	8.90	52.4	11.0	56.0	12.1	59.6	13.3	66.1	14.4	67.4	14.5
25	37.8			7.51	45.1	9.51	52.4	11.8	56.0	13.0	59.6	14.2	65.1	15.0	66.5	15.2
27	37.8			8.00	45.1	10.1	52.4	12.6	56.0	13.9	59.6	15.2	64.1	15.7	65.5	15.8
29	37.8			8.52	45.1	10.8	52.4	13.4	56.0	14.8	59.6	16.2	63.2	16.3	64.6	16.5
31	37.8			9.07	45.1	11.5	52.4	14.3	56.0	15.8	59.6	16.8	62.2	17.0	63.6	17.1
33	37.8			9.64	45.1	12.3	52.4	15.3	56.0	16.9	59.6	17.4	61.3	17.6	62.6	17.7
35	37.8			10.2	45.1	13.1	52.4	16.3	56.0	18.0	59.0	18.1	60.3	18.2	61.7	18.4
37	37.8			10.9	45.1	13.9	52.4	17.3	56.0	18.6	58.0	18.7	59.4	18.9	60.7	19.1
39	37.8			11.6	45.1	14.8	52.4	18.5	56.0	19.3	57.0	19.4	58.4	19.5	59.8	19.7

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-7 20HP

20HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	450	10	34.0	5.55	40.6	6.70	47.1	7.91	50.4	8.53	53.7	9.17	60.2	10.5	66.8	11.8
		12	34.0	5.65	40.6	6.81	47.1	8.05	50.4	8.69	53.7	9.34	60.2	10.7	66.8	12.0
		14	34.0	5.74	40.6	6.94	47.1	8.20	50.4	8.85	53.7	9.52	60.2	10.9	66.8	12.3
		16	34.0	5.84	40.6	7.07	47.1	8.36	50.4	9.03	53.7	9.70	60.2	11.1	66.8	12.5
		18	34.0	5.95	40.6	7.20	47.1	8.52	50.4	9.20	53.7	9.90	60.2	11.3	66.8	12.8
		20	34.0	6.06	40.6	7.34	47.1	8.69	50.4	9.39	53.7	10.3	60.2	12.2	66.8	13.5
		21	34.0	6.12	40.6	7.41	47.1	8.84	50.4	9.71	53.7	10.6	60.2	12.6	66.8	13.8
		23	34.0	6.23	40.6	7.72	47.1	9.46	50.4	10.4	53.7	11.4	60.2	13.5	66.0	14.4
		25	34.0	6.56	40.6	8.24	47.1	10.1	50.4	11.1	53.7	12.2	60.2	14.5	65.1	15.0
		27	34.0	6.99	40.6	8.79	47.1	10.8	50.4	11.9	53.7	13.0	60.2	15.5	64.1	15.7
		29	34.0	7.44	40.6	9.36	47.1	11.5	50.4	12.7	53.7	13.9	60.2	16.2	63.2	16.3
		31	34.0	7.90	40.6	9.97	47.1	12.3	50.4	13.5	53.7	14.9	60.2	16.8	62.2	17.0
		33	34.0	8.40	40.6	10.6	47.1	13.1	50.4	14.4	53.7	15.8	60.0	17.5	61.3	17.6
		35	34.0	8.92	40.6	11.3	47.1	13.9	50.4	15.4	53.7	16.9	59.1	18.1	60.3	18.2
		37	34.0	9.46	40.6	12.0	47.1	14.8	50.4	16.4	53.7	18.0	58.1	18.7	59.3	18.9
		39	34.0	10.0	40.6	12.7	47.1	15.8	50.4	17.4	53.7	19.2	57.2	19.4	58.4	19.5
80	400	10	30.2	4.93	36.1	5.90	41.9	6.93	44.8	7.47	47.7	8.02	53.5	9.14	59.4	10.3
		12	30.2	5.01	36.1	6.00	41.9	7.06	44.8	7.61	47.7	8.17	53.5	9.31	59.4	10.5
		14	30.2	5.09	36.1	6.11	41.9	7.19	44.8	7.75	47.7	8.32	53.5	9.49	59.4	10.7
		16	30.2	5.18	36.1	6.22	41.9	7.32	44.8	7.89	47.7	8.48	53.5	9.68	59.4	10.9
		18	30.2	5.27	36.1	6.33	41.9	7.46	44.8	8.05	47.7	8.64	53.5	9.87	59.4	11.1
		20	30.2	5.36	36.1	6.45	41.9	7.61	44.8	8.20	47.7	8.82	53.5	10.2	59.4	11.9
		21	30.2	5.41	36.1	6.51	41.9	7.68	44.8	8.29	47.7	9.00	53.5	10.6	59.4	12.3
		23	30.2	5.51	36.1	6.64	41.9	8.05	44.8	8.82	47.7	9.63	53.5	11.3	59.4	13.2
		25	30.2	5.69	36.1	7.07	41.9	8.60	44.8	9.43	47.7	10.3	53.5	12.1	59.4	14.1
		27	30.2	6.05	36.1	7.53	41.9	9.18	44.8	10.1	47.7	11.0	53.5	13.0	59.4	15.1
		29	30.2	6.43	36.1	8.01	41.9	9.78	44.8	10.7	47.7	11.7	53.5	13.9	59.4	16.2
		31	30.2	6.83	36.1	8.52	41.9	10.4	44.8	11.4	47.7	12.5	53.5	14.8	59.4	16.8
		33	30.2	7.24	36.1	9.06	41.9	11.1	44.8	12.2	47.7	13.3	53.5	15.8	59.4	17.4
		35	30.2	7.68	36.1	9.62	41.9	11.8	44.8	13.0	47.7	14.2	53.5	16.8	58.9	18.1
		37	30.2	8.14	36.1	10.2	41.9	12.5	44.8	13.8	47.7	15.1	53.5	17.9	57.9	18.7
		39	30.2	8.63	36.1	10.8	41.9	13.3	44.8	14.7	47.7	16.1	53.5	19.1	57.0	19.4
70	350	10	26.5	4.33	31.6	5.14	36.7	6.00	39.2	6.45	41.7	6.91	46.8	7.85	51.9	8.83
		12	26.5	4.40	31.6	5.23	36.7	6.11	39.2	6.56	41.7	7.03	46.8	8.00	51.9	9.00
		14	26.5	4.47	31.6	5.32	36.7	6.21	39.2	6.68	41.7	7.16	46.8	8.15	51.9	9.17
		16	26.5	4.54	31.6	5.41	36.7	6.33	39.2	6.81	41.7	7.29	46.8	8.30	51.9	9.34
		18	26.5	4.61	31.6	5.50	36.7	6.44	39.2	6.93	41.7	7.43	46.8	8.46	51.9	9.53
		20	26.5	4.69	31.6	5.60	36.7	6.56	39.2	7.07	41.7	7.58	46.8	8.63	51.9	9.79
		21	26.5	4.73	31.6	5.65	36.7	6.63	39.2	7.13	41.7	7.65	46.8	8.77	51.9	10.1
		23	26.5	4.81	31.6	5.76	36.7	6.76	39.2	7.38	41.7	8.02	46.8	9.38	51.9	10.9
		25	26.5	4.90	31.6	5.99	36.7	7.21	39.2	7.87	41.7	8.56	46.8	10.0	51.9	11.6
		27	26.5	5.18	31.6	6.37	36.7	7.69	39.2	8.40	41.7	9.14	46.8	10.7	51.9	12.4
		29	26.5	5.50	31.6	6.77	36.7	8.18	39.2	8.94	41.7	9.74	46.8	11.4	51.9	13.3
		31	26.5	5.83	31.6	7.19	36.7	8.71	39.2	9.52	41.7	10.4	46.8	12.2	51.9	14.1
		33	26.5	6.18	31.6	7.64	36.7	9.25	39.2	10.1	41.7	11.0	46.8	13.0	51.9	15.1
		35	26.5	6.54	31.6	8.10	36.7	9.83	39.2	10.8	41.7	11.7	46.8	13.8	51.9	16.1
		37	26.5	6.93	31.6	8.59	36.7	10.4	39.2	11.4	41.7	12.5	46.8	14.7	51.9	17.1
		39	26.5	7.33	31.6	9.11	36.7	11.1	39.2	12.2	41.7	13.3	46.8	15.7	51.9	18.2
60	300	10	22.7	3.77	27.0	4.42	31.4	5.12	33.6	5.48	35.8	5.85	40.2	6.62	44.5	7.42
		12	22.7	3.82	27.0	4.49	31.4	5.20	33.6	5.57	35.8	5.95	40.2	6.74	44.5	7.55
		14	22.7	3.88	27.0	4.56	31.4	5.29	33.6	5.67	35.8	6.06	40.2	6.86	44.5	7.69
		16	22.7	3.94	27.0	4.64	31.4	5.38	33.6	5.77	35.8	6.17	40.2	6.99	44.5	7.84
		18	22.7	4.00	27.0	4.71	31.4	5.48	33.6	5.87	35.8	6.28	40.2	7.12	44.5	7.99
		20	22.7	4.06	27.0	4.79	31.4	5.57	33.6	5.98	35.8	6.40	40.2	7.26	44.5	8.15
		21	22.7	4.09	27.0	4.84	31.4	5.63	33.6	6.04	35.8	6.46	40.2	7.33	44.5	8.23
		23	22.7	4.16	27.0	4.92	31.4	5.73	33.6	6.15	35.8	6.58	40.2	7.61	44.5	8.75
		25	22.7	4.23	27.0	5.01	31.4	5.95	33.6	6.46	35.8	7.00	40.2	8.13	44.5	9.35
		27	22.7	4.38	27.0	5.31	31.4	6.34	33.6	6.88	35.8	7.45	40.2	8.67	44.5	9.98
		29	22.7	4.64	27.0	5.64	31.4	6.73	33.6	7.32	35.8	7.93	40.2	9.24	44.5	10.6
		31	22.7	4.92	27.0	5.98	31.4	7.15	33.6	7.78	35.8	8.44	40.2	9.83	44.5	11.3
		33	22.7	5.20	27.0	6.34	31.4	7.59	33.6	8.27	35.8	8.97	40.2	10.5	44.5	12.1
		35	22.7	5.50	27.0	6.71	31.4	8.06	33.6	8.78	35.8	9.53	40.2	11.1	44.5	12.9
		37	22.7	5.81	27.0	7.11	31.4	8.54	33.6	9.31	35.8	10.1	40.2	11.8	44.5	13.7
		39	22.7	6.14	27.0	7.52	31.4	9.06	33.6	9.88	35.8	10.7	40.2	12.6	44.5	14.5

3 Capacity tables

3-1 Cooling capacity

3-1-7 20HP

20HP		Indoor air temperature: °CWB														TC: Total capacity ; PI: Power input	
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0		
			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	kW
50	250	10	18.9	3.24	22.5	3.75	26.2	4.29	28.0	4.57	29.8	4.86	33.5	5.46	37.1	6.08	
		12	18.9	3.28	22.5	3.80	26.2	4.36	28.0	4.64	29.8	4.94	33.5	5.55	37.1	6.19	
		14	18.9	3.33	22.5	3.86	26.2	4.42	28.0	4.72	29.8	5.02	33.5	5.65	37.1	6.30	
		16	18.9	3.37	22.5	3.92	26.2	4.49	28.0	4.80	29.8	5.11	33.5	5.75	37.1	6.41	
		18	18.9	3.42	22.5	3.98	26.2	4.57	28.0	4.88	29.8	5.19	33.5	5.85	37.1	6.53	
		20	18.9	3.47	22.5	4.04	26.2	4.64	28.0	4.96	29.8	5.28	33.5	5.96	37.1	6.65	
		21	18.9	3.49	22.5	4.07	26.2	4.68	28.0	5.00	29.8	5.33	33.5	6.01	37.1	6.72	
		23	18.9	3.54	22.5	4.14	26.2	4.77	28.0	5.09	29.8	5.43	33.5	6.12	37.1	6.87	
		25	18.9	3.60	22.5	4.20	26.2	4.85	28.0	5.20	29.8	5.59	33.5	6.43	37.1	7.33	
		27	18.9	3.66	22.5	4.35	26.2	5.12	28.0	5.53	29.8	5.95	33.5	6.85	37.1	7.81	
		29	18.9	3.87	22.5	4.61	26.2	5.43	28.0	5.87	29.8	6.32	33.5	7.28	37.1	8.32	
		31	18.9	4.09	22.5	4.88	26.2	5.76	28.0	6.23	29.8	6.71	33.5	7.74	37.1	8.85	
		33	18.9	4.31	22.5	5.17	26.2	6.10	28.0	6.60	29.8	7.12	33.5	8.22	37.1	9.41	
		35	18.9	4.55	22.5	5.46	26.2	6.46	28.0	7.00	29.8	7.55	33.5	8.73	37.1	10.00	
		37	18.9	4.80	22.5	5.77	26.2	6.84	28.0	7.41	29.8	8.00	33.5	9.26	37.1	10.6	
		39	18.9	5.06	22.5	6.10	26.2	7.24	28.0	7.85	29.8	8.48	33.5	9.83	37.1	11.3	

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3 Capacity tables

3-1 Cooling capacity

3-1-8 22HP

22HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	715	10	54.0	9.00	64.4	11.0	74.8	13.1	80.0	13.4	81.6	13.1	83.5	12.6	85.4	12.0
		12	54.0	9.17	64.4	11.2	74.8	13.4	79.5	13.3	80.5	13.0	82.5	12.5	84.4	12.3
		14	54.0	9.34	64.4	11.4	74.8	13.5	78.5	13.2	79.5	13.0	81.4	12.9	83.3	13.0
		16	54.0	9.52	64.4	11.7	74.8	13.5	77.4	13.4	78.4	13.4	80.3	13.6	82.3	13.7
		18	54.0	9.71	64.4	11.9	74.8	14.0	76.4	14.0	77.4	14.1	79.3	14.2	81.2	14.4
		20	54.0	9.90	64.4	12.7	74.4	14.7	75.3	14.7	76.3	14.8	78.2	14.9	80.2	15.1
		21	54.0	10.2	64.4	13.1	73.8	15.0	74.8	15.1	75.8	15.1	77.7	15.3	79.7	15.4
		23	54.0	10.9	64.4	14.1	72.8	15.7	73.8	15.8	74.7	15.8	76.7	16.0	78.6	16.2
		25	54.0	11.7	64.4	15.1	71.7	16.4	72.7	16.4	73.7	16.5	75.6	16.7	77.6	16.9
		27	54.0	12.4	64.4	16.1	70.7	17.1	71.7	17.1	72.6	17.2	74.6	17.4	76.5	17.6
		29	54.0	13.3	64.4	17.2	69.6	17.7	70.6	17.8	71.6	17.9	73.5	18.1	75.5	18.3
		31	54.0	14.2	64.4	18.2	68.6	18.4	69.6	18.5	70.5	18.6	72.5	18.8	74.4	19.0
		33	54.0	15.1	64.4	18.9	67.5	19.1	68.5	19.2	69.5	19.3	71.4	19.6	73.4	19.8
		35	54.0	16.1	64.4	19.6	66.5	19.8	67.5	19.9	68.4	20.1	70.4	20.3	72.3	20.5
		37	54.0	17.1	63.5	20.3	65.4	20.5	66.4	20.7	67.4	20.8	69.3	21.0	71.3	21.3
		39	54.0	18.2	62.4	21.0	64.4	21.2	65.4	21.4	66.3	21.5	68.3	21.7	70.2	22.0
		120	660	10	49.8	8.22	59.4	10.0	69.0	11.9	73.8	12.9	78.6	13.5	82.1	12.9
12	49.8			8.38	59.4	10.2	69.0	12.2	73.8	13.2	78.6	13.4	81.1	12.9	82.9	12.4
14	49.8			8.53	59.4	10.4	69.0	12.4	73.8	13.4	78.2	13.3	80.0	12.8	81.8	12.9
16	49.8			8.69	59.4	10.6	69.0	12.6	73.8	13.5	77.2	13.3	79.0	13.5	80.8	13.6
18	49.8			8.86	59.4	10.8	69.0	13.1	73.8	14.0	76.1	14.0	77.9	14.2	79.7	14.3
20	49.8			9.04	59.4	11.3	69.0	14.1	73.8	14.6	75.1	14.7	76.9	14.8	78.7	15.0
21	49.8			9.1	59.4	11.7	69.0	14.6	73.7	15.0	74.6	15.0	76.3	15.2	78.1	15.3
23	49.8			9.7	59.4	12.5	69.0	15.6	72.6	15.7	73.5	15.7	75.3	15.9	77.1	16.0
25	49.8			10.4	59.4	13.4	69.0	16.3	71.6	16.3	72.5	16.4	74.2	16.6	76.0	16.7
27	49.8			11.1	59.4	14.3	69.0	17.0	70.5	17.0	71.4	17.1	73.2	17.3	75.0	17.5
29	49.8			11.9	59.4	15.3	68.6	17.6	69.5	17.7	70.4	17.8	72.1	18.0	73.9	18.2
31	49.8			12.6	59.4	16.3	67.5	18.3	68.4	18.4	69.3	18.5	71.1	18.7	72.9	18.9
33	49.8			13.5	59.4	17.4	66.5	19.0	67.4	19.1	68.2	19.2	70.0	19.4	71.8	19.6
35	49.8			14.3	59.4	18.6	65.4	19.7	66.3	19.8	67.2	19.9	69.0	20.1	70.8	20.3
37	49.8			15.3	59.4	19.8	64.4	20.4	65.3	20.5	66.1	20.6	67.9	20.8	69.7	21.1
39	49.8			16.2	59.4	20.9	63.3	21.1	64.2	21.2	65.1	21.3	66.9	21.6	68.7	21.8
110	605			10	45.7	7.47	54.5	9.1	63.3	10.8	67.7	11.7	72.0	12.6	80.8	13.3
		12	45.7	7.60	54.5	9.3	63.3	11.0	67.7	11.9	72.0	12.8	79.7	13.3	81.3	12.8
		14	45.7	7.74	54.5	9.4	63.3	11.2	67.7	12.1	72.0	13.0	78.6	13.2	80.3	12.8
		16	45.7	7.89	54.5	9.6	63.3	11.4	67.7	12.4	72.0	13.3	77.6	13.4	79.2	13.5
		18	45.7	8.04	54.5	9.8	63.3	11.7	67.7	12.7	72.0	13.9	76.5	14.1	78.2	14.2
		20	45.7	8.19	54.5	10.0	63.3	12.4	67.7	13.6	72.0	14.6	75.5	14.7	77.1	14.9
		21	45.7	8.3	54.5	10.3	63.3	12.8	67.7	14.1	72.0	15.0	75.0	15.1	76.6	15.2
		23	45.7	8.7	54.5	11.0	63.3	13.7	67.7	15.2	72.0	15.6	73.9	15.8	75.6	15.9
		25	45.7	9.2	54.5	11.8	63.3	14.7	67.7	16.2	71.2	16.3	72.9	16.5	74.5	16.6
		27	45.7	9.9	54.5	12.6	63.3	15.7	67.7	16.9	70.2	17.0	71.8	17.2	73.5	17.3
		29	45.7	10.5	54.5	13.5	63.3	16.8	67.7	17.6	69.1	17.7	70.8	17.9	72.4	18.0
		31	45.7	11.2	54.5	14.4	63.3	17.9	67.3	18.3	68.1	18.4	69.7	18.6	71.4	18.7
		33	45.7	11.9	54.5	15.3	63.3	18.9	66.2	19.0	67.0	19.1	68.7	19.3	70.3	19.4
		35	45.7	12.7	54.5	16.3	63.3	19.6	65.2	19.7	66.0	19.8	67.6	20.0	69.3	20.2
		37	45.7	13.5	54.5	17.4	63.3	20.3	64.1	20.4	64.9	20.5	66.6	20.7	68.2	20.9
		39	45.7	14.3	54.5	18.5	62.2	21.0	63.0	21.1	63.9	21.2	65.5	21.4	67.2	21.6
		100	550	10	41.5	6.74	49.5	8.2	57.5	9.7	61.5	10.5	65.5	11.2	73.5	12.9
12	41.5			6.85	49.5	8.3	57.5	9.9	61.5	10.7	65.5	11.5	73.5	13.1	79.8	13.2
14	41.5			6.98	49.5	8.5	57.5	10.0	61.5	10.9	65.5	11.7	73.5	13.3	78.8	13.2
16	41.5			7.10	49.5	8.6	57.5	10.2	61.5	11.1	65.5	11.9	73.5	13.5	77.7	13.4
18	41.5			7.24	49.5	8.8	57.5	10.4	61.5	11.3	65.5	12.1	73.5	14.0	76.7	14.1
20	41.5			7.37	49.5	9.0	57.5	10.8	61.5	11.9	65.5	13.0	73.5	14.6	75.6	14.7
21	41.5			7.4	49.5	9.1	57.5	11.1	61.5	12.3	65.5	13.5	73.5	15.0	75.1	15.1
23	41.5			7.6	49.5	9.7	57.5	11.9	61.5	13.2	65.5	14.4	72.5	15.7	74.0	15.8
25	41.5			8.2	49.5	10.3	57.5	12.8	61.5	14.1	65.5	15.5	71.5	16.3	73.0	16.5
27	41.5			8.7	49.5	11.0	57.5	13.6	61.5	15.1	65.5	16.6	70.4	17.0	71.9	17.2
29	41.5			9.3	49.5	11.8	57.5	14.6	61.5	16.1	65.5	17.6	69.4	17.7	70.9	17.9
31	41.5			9.8	49.5	12.5	57.5	15.5	61.5	17.2	65.5	18.3	68.3	18.4	69.8	18.6
33	41.5			10.5	49.5	13.3	57.5	16.6	61.5	18.3	65.5	18.9	67.3	19.1	68.8	19.3
35	41.5			11.1	49.5	14.2	57.5	17.7	61.5	19.6	64.7	19.6	66.2	19.8	67.7	20.0
37	41.5			11.8	49.5	15.1	57.5	18.8	61.5	20.2	63.7	20.3	65.2	20.5	66.7	20.7
39	41.5			12.6	49.5	16.1	57.5	20.1	61.5	20.9	62.6	21.0	64.1	21.2	65.6	21.4

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-8 22HP

22HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW		kW		kW		kW		kW		kW		kW	
90	495	10	37.4	6.03	44.6	7.3	51.8	8.6	55.4	9.3	58.9	10.0	66.1	11.4	73.3	12.8
		12	37.4	6.13	44.6	7.4	51.8	8.7	55.4	9.4	58.9	10.1	66.1	11.6	73.3	13.1
		14	37.4	6.24	44.6	7.5	51.8	8.9	55.4	9.6	58.9	10.3	66.1	11.8	73.3	13.3
		16	37.4	6.35	44.6	7.7	51.8	9.1	55.4	9.8	58.9	10.5	66.1	12.0	73.3	13.5
		18	37.4	6.46	44.6	7.8	51.8	9.3	55.4	10.0	58.9	10.7	66.1	12.3	73.3	14.0
		20	37.4	6.58	44.6	8.0	51.8	9.4	55.4	10.2	58.9	11.1	66.1	13.2	73.3	14.6
		21	37.4	6.6	44.6	8.0	51.8	9.6	55.4	10.6	58.9	11.5	66.1	13.7	73.3	15.0
		23	37.4	6.8	44.6	8.4	51.8	10.3	55.4	11.3	58.9	12.4	66.1	14.7	72.5	15.7
		25	37.4	7.1	44.6	8.9	51.8	11.0	55.4	12.1	58.9	13.2	66.1	15.7	71.5	16.3
		27	37.4	7.6	44.6	9.5	51.8	11.7	55.4	12.9	58.9	14.2	66.1	16.8	70.4	17.0
		29	37.4	8.1	44.6	10.2	51.8	12.5	55.4	13.8	58.9	15.1	66.1	17.6	69.4	17.7
		31	37.4	8.6	44.6	10.8	51.8	13.3	55.4	14.7	58.9	16.1	66.1	18.3	68.3	18.4
		33	37.4	9.1	44.6	11.5	51.8	14.2	55.4	15.7	58.9	17.2	65.9	19.0	67.3	19.1
		35	37.4	9.7	44.6	12.3	51.8	15.1	55.4	16.7	58.9	18.3	64.9	19.7	66.2	19.8
		37	37.4	10.3	44.6	13.0	51.8	16.1	55.4	17.8	58.9	19.5	63.8	20.3	65.2	20.5
		39	37.4	10.9	44.6	13.8	51.8	17.2	55.4	18.9	58.9	20.8	62.8	21.0	64.1	21.2
80	440	10	33.2	5.35	39.6	6.4	46.0	7.5	49.2	8.1	52.4	8.7	58.8	9.9	65.2	11.2
		12	33.2	5.44	39.6	6.5	46.0	7.7	49.2	8.3	52.4	8.9	58.8	10.1	65.2	11.4
		14	33.2	5.53	39.6	6.6	46.0	7.8	49.2	8.4	52.4	9.0	58.8	10.3	65.2	11.6
		16	33.2	5.62	39.6	6.8	46.0	8.0	49.2	8.6	52.4	9.2	58.8	10.5	65.2	11.8
		18	33.2	5.72	39.6	6.9	46.0	8.1	49.2	8.7	52.4	9.4	58.8	10.7	65.2	12.1
		20	33.2	5.82	39.6	7.0	46.0	8.3	49.2	8.9	52.4	9.6	58.8	11.1	65.2	12.9
		21	33.2	5.9	39.6	7.1	46.0	8.3	49.2	9.0	52.4	9.8	58.8	11.5	65.2	13.4
		23	33.2	6.0	39.6	7.2	46.0	8.7	49.2	9.6	52.4	10.5	58.8	12.3	65.2	14.3
		25	33.2	6.2	39.6	7.7	46.0	9.3	49.2	10.2	52.4	11.2	58.8	13.2	65.2	15.4
		27	33.2	6.6	39.6	8.2	46.0	10.0	49.2	10.9	52.4	11.9	58.8	14.1	65.2	16.4
		29	33.2	7.0	39.6	8.7	46.0	10.6	49.2	11.7	52.4	12.7	58.8	15.1	65.2	17.6
		31	33.2	7.4	39.6	9.3	46.0	11.3	49.2	12.4	52.4	13.6	58.8	16.1	65.2	18.3
		33	33.2	7.9	39.6	9.8	46.0	12.0	49.2	13.2	52.4	14.5	58.8	17.1	65.2	18.9
		35	33.2	8.3	39.6	10.5	46.0	12.8	49.2	14.1	52.4	15.4	58.8	18.3	64.7	19.6
		37	33.2	8.8	39.6	11.1	46.0	13.6	49.2	15.0	52.4	16.4	58.8	19.5	63.6	20.3
		39	33.2	9.4	39.6	11.8	46.0	14.5	49.2	15.9	52.4	17.5	58.8	20.7	62.6	21.0
70	385	10	29.1	4.71	34.7	5.6	40.3	6.5	43.1	7.0	45.8	7.5	51.4	8.5	57.0	9.6
		12	29.1	4.78	34.7	5.7	40.3	6.6	43.1	7.1	45.8	7.6	51.4	8.7	57.0	9.8
		14	29.1	4.85	34.7	5.8	40.3	6.8	43.1	7.3	45.8	7.8	51.4	8.8	57.0	10.0
		16	29.1	4.93	34.7	5.9	40.3	6.9	43.1	7.4	45.8	7.9	51.4	9.0	57.0	10.1
		18	29.1	5.01	34.7	6.0	40.3	7.0	43.1	7.5	45.8	8.1	51.4	9.2	57.0	10.3
		20	29.1	5.10	34.7	6.1	40.3	7.1	43.1	7.7	45.8	8.2	51.4	9.4	57.0	10.6
		21	29.1	5.1	34.7	6.1	40.3	7.2	43.1	7.7	45.8	8.3	51.4	9.5	57.0	11.0
		23	29.1	5.2	34.7	6.3	40.3	7.3	43.1	8.0	45.8	8.7	51.4	10.2	57.0	11.8
		25	29.1	5.3	34.7	6.5	40.3	7.8	43.1	8.6	45.8	9.3	51.4	10.9	57.0	12.6
		27	29.1	5.6	34.7	6.9	40.3	8.3	43.1	9.1	45.8	9.9	51.4	11.6	57.0	13.5
		29	29.1	6.0	34.7	7.4	40.3	8.9	43.1	9.7	45.8	10.6	51.4	12.4	57.0	14.4
		31	29.1	6.3	34.7	7.8	40.3	9.5	43.1	10.3	45.8	11.3	51.4	13.2	57.0	15.4
		33	29.1	6.7	34.7	8.3	40.3	10.1	43.1	11.0	45.8	12.0	51.4	14.1	57.0	16.4
		35	29.1	7.1	34.7	8.8	40.3	10.7	43.1	11.7	45.8	12.8	51.4	15.0	57.0	17.5
		37	29.1	7.5	34.7	9.3	40.3	11.3	43.1	12.4	45.8	13.6	51.4	16.0	57.0	18.6
		39	29.1	8.0	34.7	9.9	40.3	12.0	43.1	13.2	45.8	14.4	51.4	17.0	57.0	19.8
60	330	10	24.9	4.09	29.7	4.8	34.5	5.6	36.9	6.0	39.3	6.4	44.1	7.2	48.9	8.1
		12	24.9	4.15	29.7	4.9	34.5	5.7	36.9	6.1	39.3	6.5	44.1	7.3	48.9	8.2
		14	24.9	4.21	29.7	5.0	34.5	5.7	36.9	6.2	39.3	6.6	44.1	7.5	48.9	8.4
		16	24.9	4.28	29.7	5.0	34.5	5.8	36.9	6.3	39.3	6.7	44.1	7.6	48.9	8.5
		18	24.9	4.34	29.7	5.1	34.5	5.9	36.9	6.4	39.3	6.8	44.1	7.7	48.9	8.7
		20	24.9	4.41	29.7	5.2	34.5	6.1	36.9	6.5	39.3	6.9	44.1	7.9	48.9	8.8
		21	24.9	4.4	29.7	5.3	34.5	6.1	36.9	6.6	39.3	7.0	44.1	8.0	48.9	8.9
		23	24.9	4.5	29.7	5.3	34.5	6.2	36.9	6.7	39.3	7.1	44.1	8.3	48.9	9.5
		25	24.9	4.6	29.7	5.4	34.5	6.5	36.9	7.0	39.3	7.6	44.1	8.8	48.9	10.2
		27	24.9	4.8	29.7	5.8	34.5	6.9	36.9	7.5	39.3	8.1	44.1	9.4	48.9	10.8
		29	24.9	5.0	29.7	6.1	34.5	7.3	36.9	8.0	39.3	8.6	44.1	10.0	48.9	11.6
		31	24.9	5.3	29.7	6.5	34.5	7.8	36.9	8.5	39.3	9.2	44.1	10.7	48.9	12.3
		33	24.9	5.6	29.7	6.9	34.5	8.2	36.9	9.0	39.3	9.7	44.1	11.4	48.9	13.1
		35	24.9	6.0	29.7	7.3	34.5	8.7	36.9	9.5	39.3	10.3	44.1	12.1	48.9	14.0
		37	24.9	6.3	29.7	7.7	34.5	9.3	36.9	10.1	39.3	11.0	44.1	12.8	48.9	14.9
		39	24.9	6.7	29.7	8.2	34.5	9.8	36.9	10.7	39.3	11.7	44.1	13.6	48.9	15.8

3 Capacity tables

3-1 Cooling capacity

3-1-8 22HP

22HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50	275	10	20.8	3.52	24.8	4.1	28.8	4.7	30.8	5.0	32.7	5.3	36.7	5.9	40.7	6.6
		12	20.8	3.56	24.8	4.1	28.8	4.7	30.8	5.0	32.7	5.4	36.7	6.0	40.7	6.7
		14	20.8	3.61	24.8	4.2	28.8	4.8	30.8	5.1	32.7	5.5	36.7	6.1	40.7	6.8
		16	20.8	3.66	24.8	4.3	28.8	4.9	30.8	5.2	32.7	5.5	36.7	6.2	40.7	7.0
		18	20.8	3.71	24.8	4.3	28.8	5.0	30.8	5.3	32.7	5.6	36.7	6.4	40.7	7.1
		20	20.8	3.76	24.8	4.4	28.8	5.0	30.8	5.4	32.7	5.7	36.7	6.5	40.7	7.2
		21	20.8	3.8	24.8	4.4	28.8	5.1	30.8	5.4	32.7	5.8	36.7	6.5	40.7	7.3
		23	20.8	3.8	24.8	4.5	28.8	5.2	30.8	5.5	32.7	5.9	36.7	6.7	40.7	7.5
		25	20.8	3.9	24.8	4.6	28.8	5.3	30.8	5.6	32.7	6.1	36.7	7.0	40.7	8.0
		27	20.8	4.0	24.8	4.7	28.8	5.6	30.8	6.0	32.7	6.5	36.7	7.4	40.7	8.5
		29	20.8	4.2	24.8	5.0	28.8	5.9	30.8	6.4	32.7	6.9	36.7	7.9	40.7	9.0
		31	20.8	4.4	24.8	5.3	28.8	6.3	30.8	6.8	32.7	7.3	36.7	8.4	40.7	9.6
		33	20.8	4.7	24.8	5.6	28.8	6.6	30.8	7.2	32.7	7.7	36.7	8.9	40.7	10.2
		35	20.8	4.9	24.8	5.9	28.8	7.0	30.8	7.6	32.7	8.2	36.7	9.5	40.7	10.9
		37	20.8	5.2	24.8	6.3	28.8	7.4	30.8	8.0	32.7	8.7	36.7	10.1	40.7	11.5
		39	20.8	5.5	24.8	6.6	28.8	7.9	30.8	8.5	32.7	9.2	36.7	10.7	40.7	12.2

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3 Capacity tables

3-1 Cooling capacity

3-1-9 24HP

24HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	780	10	59.7	10.68	71.2	13.08	82.7	15.55	88.4	15.88	90.2	15.56	92.3	14.90	94.5	14.23
		12	59.7	10.88	71.2	13.32	82.7	15.85	87.9	15.80	89.0	15.47	91.2	14.80	93.3	14.57
		14	59.7	11.08	71.2	13.58	82.7	16.05	86.8	15.72	87.9	15.38	90.0	15.26	92.2	15.40
		16	59.7	11.30	71.2	13.84	82.7	15.97	85.6	15.85	86.7	15.93	88.8	16.08	91.0	16.23
		18	59.7	11.52	71.2	14.12	82.7	16.58	84.5	16.66	85.5	16.74	87.7	16.91	89.8	17.07
		20	59.7	11.75	71.2	15.04	82.2	17.39	83.3	17.48	84.4	17.56	86.5	17.74	88.7	17.91
		21	59.7	12.08	71.2	15.58	81.6	17.79	82.7	17.88	83.8	17.97	85.9	18.15	88.1	18.33
		23	59.7	12.93	71.2	16.70	80.5	18.60	81.5	18.70	82.6	18.79	84.8	18.98	86.9	19.17
		25	59.7	13.83	71.2	17.88	79.3	19.42	80.4	19.52	81.5	19.62	83.6	19.82	85.8	20.02
		27	59.7	14.77	71.2	19.13	78.2	20.24	79.2	20.34	80.3	20.45	82.5	20.66	84.6	20.88
		29	59.7	15.77	71.2	20.44	77.0	21.06	78.1	21.17	79.1	21.28	81.3	21.51	83.4	21.73
		31	59.7	16.81	71.2	21.64	75.8	21.88	76.9	22.00	78.0	22.12	80.1	22.36	82.3	22.60
		33	59.7	17.92	71.2	22.46	74.7	22.71	75.7	22.83	76.8	22.96	79.0	23.21	81.1	23.47
		35	59.7	19.09	71.2	23.27	73.5	23.54	74.6	23.67	75.7	23.81	77.8	24.07	80.0	24.34
		37	59.7	20.33	70.2	24.09	72.3	24.38	73.4	24.52	74.5	24.66	76.6	24.94	78.8	25.22
		39	59.7	21.64	69.0	24.92	71.2	25.22	72.3	25.36	73.3	25.51	75.5	25.81	77.6	26.10
120	720	10	55.1	9.76	65.7	11.92	76.3	14.18	81.6	15.33	86.9	15.96	90.8	15.37	92.8	14.76
		12	55.1	9.94	65.7	12.15	76.3	14.44	81.6	15.61	86.9	15.88	89.6	15.28	91.6	14.66
		14	55.1	10.12	65.7	12.38	76.3	14.72	81.6	15.91	86.5	15.80	88.5	15.18	90.5	15.29
		16	55.1	10.32	65.7	12.62	76.3	15.01	81.6	16.03	85.3	15.83	87.3	15.97	89.3	16.11
		18	55.1	10.52	65.7	12.87	76.3	15.52	81.6	16.57	84.2	16.64	86.2	16.79	88.1	16.94
		20	55.1	10.72	65.7	13.38	76.3	16.69	81.6	17.37	83.0	17.45	85.0	17.61	87.0	17.77
		21	55.1	10.83	65.7	13.86	76.3	17.29	81.4	17.78	82.4	17.86	84.4	18.02	86.4	18.19
		23	55.1	11.56	65.7	14.84	76.3	18.50	80.3	18.59	81.3	18.68	83.3	18.85	85.2	19.03
		25	55.1	12.36	65.7	15.89	76.3	19.31	79.1	19.40	80.1	19.49	82.1	19.68	84.1	19.87
		27	55.1	13.19	65.7	16.98	76.3	20.12	78.0	20.22	78.9	20.32	80.9	20.51	82.9	20.71
		29	55.1	14.07	65.7	18.14	75.8	20.93	76.8	21.04	77.8	21.14	79.8	21.35	81.8	21.56
		31	55.1	15.00	65.7	19.36	74.6	21.75	75.6	21.86	76.6	21.97	78.6	22.19	80.6	22.41
		33	55.1	15.97	65.7	20.65	73.5	22.57	74.5	22.69	75.5	22.80	77.4	23.03	79.4	23.27
		35	55.1	17.01	65.7	22.02	72.3	23.39	73.3	23.52	74.3	23.64	76.3	23.88	78.3	24.13
		37	55.1	18.10	65.7	23.46	71.2	24.22	72.1	24.35	73.1	24.48	75.1	24.74	77.1	25.00
		39	55.1	19.25	65.7	24.78	70.0	25.05	71.0	25.19	72.0	25.33	74.0	25.60	76.0	25.87
110	660	10	50.5	8.86	60.2	10.79	69.9	12.82	74.8	13.86	79.7	14.91	89.3	15.82	91.1	15.28
		12	50.5	9.02	60.2	10.99	69.9	13.06	74.8	14.12	79.7	15.19	88.1	15.74	89.9	15.18
		14	50.5	9.19	60.2	11.20	69.9	13.31	74.8	14.39	79.7	15.48	87.0	15.66	88.8	15.18
		16	50.5	9.36	60.2	11.42	69.9	13.57	74.8	14.67	79.7	15.78	85.8	15.87	87.6	16.00
		18	50.5	9.54	60.2	11.64	69.9	13.84	74.8	15.07	79.7	16.54	84.6	16.68	86.5	16.81
		20	50.5	9.72	60.2	11.87	69.9	14.66	74.8	16.20	79.7	17.34	83.5	17.49	85.3	17.64
		21	50.5	9.82	60.2	12.24	69.9	15.19	74.8	16.78	79.7	17.75	82.9	17.90	84.7	18.05
		23	50.5	10.28	60.2	13.10	69.9	16.28	74.8	18.00	79.7	18.56	81.7	18.72	83.6	18.88
		25	50.5	10.97	60.2	14.01	69.9	17.43	74.8	19.28	78.8	19.37	80.6	19.54	82.4	19.71
		27	50.5	11.71	60.2	14.97	69.9	18.64	74.8	20.09	77.6	20.18	79.4	20.36	81.2	20.54
		29	50.5	12.48	60.2	15.98	69.9	19.92	74.8	20.90	76.4	21.00	78.3	21.19	80.1	21.38
		31	50.5	13.29	60.2	17.04	69.9	21.27	74.4	21.72	75.3	21.82	77.1	22.02	78.9	22.22
		33	50.5	14.14	60.2	18.16	69.9	22.43	73.2	22.54	74.1	22.64	75.9	22.86	77.7	23.07
		35	50.5	15.04	60.2	19.35	69.9	23.25	72.0	23.36	72.9	23.47	74.8	23.70	76.6	23.92
		37	50.5	16.00	60.2	20.61	69.9	24.06	70.9	24.18	71.8	24.30	73.6	24.54	75.4	24.78
		39	50.5	17.00	60.2	21.94	68.8	24.89	69.7	25.01	70.6	25.14	72.4	25.39	74.3	25.64
100	600	10	45.9	7.99	54.7	9.69	63.6	11.49	68.0	12.41	72.4	13.35	81.3	15.25	89.4	15.78
		12	45.9	8.13	54.7	9.87	63.6	11.70	68.0	12.64	72.4	13.60	81.3	15.54	88.3	15.70
		14	45.9	8.28	54.7	10.05	63.6	11.92	68.0	12.88	72.4	13.86	81.3	15.84	87.1	15.62
		16	45.9	8.43	54.7	10.24	63.6	12.15	68.0	13.14	72.4	14.13	81.3	16.05	85.9	15.88
		18	45.9	8.59	54.7	10.44	63.6	12.39	68.0	13.40	72.4	14.41	81.3	16.56	84.8	16.69
		20	45.9	8.75	54.7	10.65	63.6	12.77	68.0	14.07	72.4	15.44	81.3	17.37	83.6	17.50
		21	45.9	8.83	54.7	10.76	63.6	13.22	68.0	14.57	72.4	15.99	81.3	17.77	83.0	17.91
		23	45.9	9.07	54.7	11.47	63.6	14.16	68.0	15.62	72.4	17.15	80.2	18.58	81.9	18.73
		25	45.9	9.67	54.7	12.26	63.6	15.15	68.0	16.72	72.4	18.36	79.1	19.39	80.7	19.55
		27	45.9	10.31	54.7	13.08	63.6	16.19	68.0	17.88	72.4	19.64	77.9	20.21	79.5	20.37
		29	45.9	10.98	54.7	13.95	63.6	17.29	68.0	19.10	72.4	20.86	76.7	21.03	78.4	21.20
		31	45.9	11.68	54.7	14.87	63.6	18.45	68.0	20.39	72.4	21.67	75.6	21.85	77.2	22.04
		33	45.9	12.43	54.7	15.84	63.6	19.68	68.0	21.76	72.4	22.48	74.4	22.68	76.1	22.87
		35	45.9	13.21	54.7	16.86	63.6	20.97	68.0	23.24	71.6	23.30	73.2	23.51	74.9	23.71
		37	45.9	14.03	54.7	17.94	63.6	22.34	68.0	24.02	70.4	24.13	72.1	24.34	73.7	24.56
		39	45.9	14.90	54.7	19.08	63.6	23.80	68.0	24.84	69.3	24.95	70.9	25.18	72.6	25.41

3 Capacity tables

3-1 Cooling capacity

3-1-9 24HP

24HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	540	10	41.3	7.16	49.3	8.63	57.2	10.19	61.2	11.00	65.2	11.82	73.1	13.50	81.1	15.22
		12	41.3	7.28	49.3	8.78	57.2	10.38	61.2	11.20	65.2	12.04	73.1	13.75	81.1	15.50
		14	41.3	7.40	49.3	8.94	57.2	10.57	61.2	11.41	65.2	12.27	73.1	14.02	81.1	15.80
		16	41.3	7.53	49.3	9.11	57.2	10.77	61.2	11.63	65.2	12.51	73.1	14.29	81.1	16.06
		18	41.3	7.67	49.3	9.28	57.2	10.98	61.2	11.86	65.2	12.75	73.1	14.58	81.1	16.56
		20	41.3	7.81	49.3	9.46	57.2	11.20	61.2	12.10	65.2	13.23	73.1	15.66	81.1	17.37
		21	41.3	7.88	49.3	9.55	57.2	11.39	61.2	12.52	65.2	13.70	73.1	16.23	81.1	17.77
		23	41.3	8.03	49.3	9.95	57.2	12.20	61.2	13.41	65.2	14.68	73.1	17.40	80.2	18.58
		25	41.3	8.46	49.3	10.62	57.2	13.04	61.2	14.34	65.2	15.71	73.1	18.64	79.0	19.39
		27	41.3	9.01	49.3	11.33	57.2	13.92	61.2	15.32	65.2	16.79	73.1	19.94	77.9	20.21
		29	41.3	9.58	49.3	12.07	57.2	14.85	61.2	16.36	65.2	17.94	73.1	20.87	76.7	21.03
		31	41.3	10.19	49.3	12.85	57.2	15.84	61.2	17.45	65.2	19.14	73.1	21.68	75.5	21.85
		33	41.3	10.82	49.3	13.67	57.2	16.87	61.2	18.60	65.2	20.42	72.9	22.50	74.4	22.67
		35	41.3	11.49	49.3	14.54	57.2	17.97	61.2	19.82	65.2	21.77	71.7	23.32	73.2	23.50
		37	41.3	12.20	49.3	15.46	57.2	19.13	61.2	21.11	65.2	23.19	70.6	24.14	72.1	24.34
		39	41.3	12.94	49.3	16.43	57.2	20.36	61.2	22.48	65.2	24.71	69.4	24.97	70.9	25.18
80	480	10	36.7	6.35	43.8	7.61	50.9	8.94	54.4	9.63	57.9	10.33	65.0	11.78	72.1	13.27
		12	36.7	6.45	43.8	7.74	50.9	9.10	54.4	9.80	57.9	10.52	65.0	12.00	72.1	13.53
		14	36.7	6.56	43.8	7.87	50.9	9.26	54.4	9.99	57.9	10.72	65.0	12.23	72.1	13.78
		16	36.7	6.67	43.8	8.01	50.9	9.44	54.4	10.17	57.9	10.93	65.0	12.47	72.1	14.05
		18	36.7	6.79	43.8	8.16	50.9	9.62	54.4	10.37	57.9	11.14	65.0	12.72	72.1	14.33
		20	36.7	6.91	43.8	8.31	50.9	9.80	54.4	10.58	57.9	11.36	65.0	13.18	72.1	15.33
		21	36.7	6.97	43.8	8.39	50.9	9.90	54.4	10.68	57.9	11.59	65.0	13.65	72.1	15.88
		23	36.7	7.10	43.8	8.56	50.9	10.38	54.4	11.37	57.9	12.41	65.0	14.63	72.1	17.03
		25	36.7	7.33	43.8	9.11	50.9	11.09	54.4	12.15	57.9	13.27	65.0	15.65	72.1	18.23
		27	36.7	7.80	43.8	9.70	50.9	11.83	54.4	12.97	57.9	14.17	65.0	16.73	72.1	19.51
		29	36.7	8.29	43.8	10.33	50.9	12.61	54.4	13.83	57.9	15.12	65.0	17.87	72.1	20.85
		31	36.7	8.80	43.8	10.98	50.9	13.43	54.4	14.74	57.9	16.12	65.0	19.07	72.1	21.66
		33	36.7	9.33	43.8	11.68	50.9	14.29	54.4	15.70	57.9	17.18	65.0	20.34	72.1	22.48
		35	36.7	9.90	43.8	12.40	50.9	15.20	54.4	16.71	57.9	18.30	65.0	21.68	71.5	23.29
		37	36.7	10.49	43.8	13.17	50.9	16.17	54.4	17.78	57.9	19.48	65.0	23.10	70.4	24.12
		39	36.7	11.12	43.8	13.98	50.9	17.19	54.4	18.92	57.9	20.73	65.0	24.61	69.2	24.94
70	420	10	32.1	5.59	38.3	6.63	44.5	7.74	47.6	8.31	50.7	8.91	56.9	10.12	63.1	11.38
		12	32.1	5.67	38.3	6.74	44.5	7.87	47.6	8.46	50.7	9.06	56.9	10.31	63.1	11.59
		14	32.1	5.76	38.3	6.85	44.5	8.01	47.6	8.61	50.7	9.23	56.9	10.50	63.1	11.81
		16	32.1	5.85	38.3	6.97	44.5	8.15	47.6	8.77	50.7	9.40	56.9	10.70	63.1	12.04
		18	32.1	5.95	38.3	7.09	44.5	8.31	47.6	8.94	50.7	9.58	56.9	10.91	63.1	12.28
		20	32.1	6.05	38.3	7.22	44.5	8.46	47.6	9.11	50.7	9.77	56.9	11.13	63.1	12.62
		21	32.1	6.10	38.3	7.28	44.5	8.54	47.6	9.20	50.7	9.86	56.9	11.30	63.1	13.07
		23	32.1	6.21	38.3	7.42	44.5	8.72	47.6	9.51	50.7	10.34	56.9	12.10	63.1	14.00
		25	32.1	6.32	38.3	7.71	44.5	9.30	47.6	10.15	50.7	11.04	56.9	12.93	63.1	14.98
		27	32.1	6.68	38.3	8.21	44.5	9.91	47.6	10.82	50.7	11.77	56.9	13.81	63.1	16.01
		29	32.1	7.09	38.3	8.73	44.5	10.55	47.6	11.53	50.7	12.55	56.9	14.73	63.1	17.09
		31	32.1	7.51	38.3	9.27	44.5	11.22	47.6	12.27	50.7	13.37	56.9	15.70	63.1	18.24
		33	32.1	7.96	38.3	9.84	44.5	11.93	47.6	13.05	50.7	14.23	56.9	16.73	63.1	19.45
		35	32.1	8.43	38.3	10.44	44.5	12.67	47.6	13.88	50.7	15.13	56.9	17.82	63.1	20.73
		37	32.1	8.93	38.3	11.07	44.5	13.46	47.6	14.75	50.7	16.09	56.9	18.97	63.1	22.08
		39	32.1	9.45	38.3	11.74	44.5	14.29	47.6	15.67	50.7	17.11	56.9	20.18	63.1	23.52
60	360	10	27.5	4.86	32.8	5.70	38.1	6.60	40.8	7.07	43.5	7.54	48.8	8.53	54.1	9.56
		12	27.5	4.93	32.8	5.79	38.1	6.71	40.8	7.19	43.5	7.67	48.8	8.69	54.1	9.74
		14	27.5	5.00	32.8	5.88	38.1	6.82	40.8	7.31	43.5	7.81	48.8	8.84	54.1	9.92
		16	27.5	5.07	32.8	5.98	38.1	6.94	40.8	7.44	43.5	7.95	48.8	9.01	54.1	10.10
		18	27.5	5.15	32.8	6.08	38.1	7.06	40.8	7.57	43.5	8.09	48.8	9.18	54.1	10.30
		20	27.5	5.23	32.8	6.18	38.1	7.19	40.8	7.71	43.5	8.25	48.8	9.35	54.1	10.50
		21	27.5	5.27	32.8	6.23	38.1	7.25	40.8	7.78	43.5	8.32	48.8	9.44	54.1	10.61
		23	27.5	5.36	32.8	6.34	38.1	7.39	40.8	7.93	43.5	8.48	48.8	9.81	54.1	11.28
		25	27.5	5.45	32.8	6.46	38.1	7.67	40.8	8.33	43.5	9.02	48.8	10.48	54.1	12.05
		27	27.5	5.65	32.8	6.85	38.1	8.17	40.8	8.87	43.5	9.61	48.8	11.17	54.1	12.86
		29	27.5	5.99	32.8	7.27	38.1	8.68	40.8	9.44	43.5	10.23	48.8	11.90	54.1	13.71
		31	27.5	6.34	32.8	7.71	38.1	9.22	40.8	10.03	43.5	10.88	48.8	12.67	54.1	14.61
		33	27.5	6.70	32.8	8.17	38.1	9.79	40.8	10.65	43.5	11.56	48.8	13.48	54.1	15.56
		35	27.5	7.09	32.8	8.65	38.1	10.38	40.8	11.31	43.5	12.28	48.8	14.34	54.1	16.57
		37	27.5	7.49	32.8	9.16	38.1	11.01	40.8	12.00	43.5	13.04	48.8	15.24	54.1	17.63
		39	27.5	7.91	32.8	9.70	38.1	11.67	40.8	12.73	43.5	13.84	48.8	16.20	54.1	18.75

3 Capacity tables

3-1 Cooling capacity

3-1-9 24HP

24HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	
50	300	10	22.9	4.18	27.4	4.83	31.8	5.53	34.0	5.89	36.2	6.27	40.6	7.04	45.1	7.84
		12	22.9	4.23	27.4	4.90	31.8	5.61	34.0	5.99	36.2	6.37	40.6	7.15	45.1	7.98
		14	22.9	4.29	27.4	4.97	31.8	5.70	34.0	6.08	36.2	6.47	40.6	7.28	45.1	8.12
		16	22.9	4.34	27.4	5.05	31.8	5.79	34.0	6.18	36.2	6.58	40.6	7.40	45.1	8.26
		18	22.9	4.40	27.4	5.12	31.8	5.89	34.0	6.29	36.2	6.69	40.6	7.54	45.1	8.42
		20	22.9	4.47	27.4	5.20	31.8	5.99	34.0	6.39	36.2	6.81	40.6	7.68	45.1	8.58
		21	22.9	4.50	27.4	5.25	31.8	6.04	34.0	6.45	36.2	6.87	40.6	7.75	45.1	8.66
		23	22.9	4.57	27.4	5.33	31.8	6.14	34.0	6.56	36.2	7.00	40.6	7.89	45.1	8.85
		25	22.9	4.64	27.4	5.42	31.8	6.25	34.0	6.70	36.2	7.21	40.6	8.29	45.1	9.45
		27	22.9	4.71	27.4	5.61	31.8	6.60	34.0	7.12	36.2	7.67	40.6	8.83	45.1	10.07
		29	22.9	4.98	27.4	5.95	31.8	7.00	34.0	7.56	36.2	8.15	40.6	9.39	45.1	10.72
		31	22.9	5.27	27.4	6.30	31.8	7.42	34.0	8.03	36.2	8.65	40.6	9.98	45.1	11.40
		33	22.9	5.56	27.4	6.66	31.8	7.87	34.0	8.51	36.2	9.18	40.6	10.60	45.1	12.12
		35	22.9	5.87	27.4	7.04	31.8	8.33	34.0	9.02	36.2	9.73	40.6	11.25	45.1	12.88
		37	22.9	6.19	27.4	7.44	31.8	8.82	34.0	9.55	36.2	10.32	40.6	11.94	45.1	13.68
		39	22.9	6.53	27.4	7.86	31.8	9.33	34.0	10.11	36.2	10.93	40.6	12.66	45.1	14.53

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3 Capacity tables

3-1 Cooling capacity

3-1-10 26HP

26HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	845	10	63.6	11.3	75.9	13.9	88.1	16.51	94.3	16.9	96.1	16.5	98.4	15.8	101	15.1
		12	63.6	11.5	75.9	14.1	88.1	16.82	93.8	16.8	94.9	16.4	97.2	15.7	99.5	15.5
		14	63.6	11.8	75.9	14.4	88.1	17.03	92.5	16.7	93.7	16.3	96.0	16.2	98.3	16.3
		16	63.6	12.0	75.9	14.7	88.1	16.94	91.3	16.8	92.4	16.9	94.7	17.1	97.0	17.2
		18	63.6	12.2	75.9	15.0	88.1	17.60	90.0	17.7	91.2	17.8	93.5	17.9	95.8	18.1
		20	63.6	12.5	75.9	16.0	87.7	18.45	88.8	18.5	90.0	18.6	92.2	18.8	94.5	19.0
		21	63.6	12.8	75.9	16.5	87.0	18.88	88.2	19.0	89.3	19.1	91.6	19.3	93.9	19.5
		23	63.6	13.7	75.9	17.7	85.8	19.74	86.9	19.8	88.1	19.9	90.4	20.1	92.7	20.3
		25	63.6	14.7	75.9	19.0	84.6	20.61	85.7	20.7	86.9	20.8	89.1	21.0	91.4	21.2
		27	63.6	15.7	75.9	20.3	83.3	21.47	84.5	21.6	85.6	21.7	87.9	21.9	90.2	22.2
		29	63.6	16.7	75.9	21.7	82.1	22.35	83.2	22.5	84.4	22.6	86.7	22.8	89.0	23.1
		31	63.6	17.8	75.9	23.0	80.8	23.22	82.0	23.3	83.1	23.5	85.4	23.7	87.7	24.0
		33	63.6	19.0	75.9	23.8	79.6	24.10	80.8	24.2	81.9	24.4	84.2	24.6	86.5	24.9
		35	63.6	20.3	75.9	24.7	78.4	24.98	79.5	25.1	80.7	25.3	83.0	25.5	85.3	25.8
		37	63.6	21.6	74.8	25.6	77.1	25.87	78.3	26.0	79.4	26.2	81.7	26.5	83.6	26.8
		39	63.6	23.0	73.1	26.4	74.3	26.76	74.9	26.9	75.6	27.1	76.8	27.4	78.0	27.7
120	780	10	58.7	10.4	70.0	12.7	81.3	15.04	87.0	16.3	92.7	16.9	96.8	16.3	98.9	15.7
		12	58.7	10.5	70.0	12.9	81.3	15.33	87.0	16.6	92.7	16.9	95.6	16.2	97.7	15.6
		14	58.7	10.7	70.0	13.1	81.3	15.62	87.0	16.9	92.2	16.8	94.3	16.1	96.5	16.2
		16	58.7	10.9	70.0	13.4	81.3	15.93	87.0	17.0	91.0	16.8	93.1	17.0	95.2	17.1
		18	58.7	11.2	70.0	13.7	81.3	16.47	87.0	17.6	89.7	17.7	91.9	17.8	94.0	18.0
		20	58.7	11.4	70.0	14.2	81.3	17.71	87.0	18.4	88.5	18.5	90.6	18.7	92.7	18.9
		21	58.7	11.5	70.0	14.7	81.3	18.35	86.8	18.9	87.9	19.0	90.0	19.1	92.1	19.3
		23	58.7	12.3	70.0	15.8	81.3	19.63	85.6	19.7	86.6	19.8	88.8	20.0	90.9	20.2
		25	58.7	13.1	70.0	16.9	81.3	20.49	84.4	20.6	85.4	20.7	87.5	20.9	89.6	21.1
		27	58.7	14.0	70.0	18.0	81.3	21.35	83.1	21.5	84.2	21.6	86.3	21.8	88.4	22.0
		29	58.7	14.9	70.0	19.3	80.8	22.21	81.9	22.3	82.9	22.4	85.1	22.7	87.2	22.9
		31	58.7	15.9	70.0	20.5	79.6	23.08	80.6	23.2	81.7	23.3	83.8	23.5	85.9	23.8
		33	58.7	17.0	70.0	21.9	78.3	23.95	79.4	24.1	80.5	24.2	82.6	24.4	84.7	24.7
		35	58.7	18.0	70.0	23.4	77.1	24.82	78.2	25.0	79.2	25.1	81.3	25.3	83.5	25.6
		37	58.7	19.2	70.0	24.9	75.9	25.70	76.9	25.8	78.0	26.0	80.1	26.3	82.2	26.5
		39	58.7	20.4	70.0	26.3	74.3	26.58	74.9	26.7	75.6	26.9	76.8	27.2	78.0	27.5
110	715	10	53.8	9.41	64.2	11.5	74.6	13.60	79.8	14.7	84.9	15.8	95.2	16.8	97.1	16.2
		12	53.8	9.57	64.2	11.7	74.6	13.86	79.8	15.0	84.9	16.1	94.0	16.7	95.9	16.1
		14	53.8	9.75	64.2	11.9	74.6	14.12	79.8	15.3	84.9	16.4	92.7	16.6	94.7	16.1
		16	53.8	9.93	64.2	12.1	74.6	14.40	79.8	15.6	84.9	16.7	91.5	16.8	93.4	17.0
		18	53.8	10.1	64.2	12.4	74.6	14.69	79.8	16.0	84.9	17.6	90.2	17.7	92.2	17.8
		20	53.8	10.3	64.2	12.6	74.6	15.56	79.8	17.2	84.9	18.4	89.0	18.6	90.9	18.7
		21	53.8	10.4	64.2	13.0	74.6	16.11	79.8	17.8	84.9	18.8	88.4	19.0	90.3	19.2
		23	53.8	10.9	64.2	13.9	74.6	17.27	79.8	19.1	84.9	19.7	87.1	19.9	89.1	20.0
		25	53.8	11.6	64.2	14.9	74.6	18.49	79.8	20.5	84.0	20.6	85.9	20.7	87.8	20.9
		27	53.8	12.4	64.2	15.9	74.6	19.78	79.8	21.3	82.7	21.4	84.7	21.6	86.6	21.8
		29	53.8	13.2	64.2	17.0	74.6	21.14	79.8	22.2	81.5	22.3	83.4	22.5	85.4	22.7
		31	53.8	14.1	64.2	18.1	74.6	22.57	79.3	23.0	80.3	23.2	82.2	23.4	84.1	23.6
		33	53.8	15.0	64.2	19.3	74.6	23.80	78.0	23.9	79.0	24.0	81.0	24.3	82.9	24.5
		35	53.8	16.0	64.2	20.5	74.6	24.67	76.8	24.8	77.8	24.9	79.7	25.1	81.7	25.4
		37	53.8	17.0	64.2	21.9	74.6	25.54	75.6	25.7	76.5	25.8	78.5	26.0	80.4	26.3
		39	53.8	18.0	64.2	23.3	73.4	26.41	74.3	26.5	75.3	26.7	76.8	26.9	78.0	27.2
100	650	10	48.9	8.48	58.4	10.3	67.8	12.19	72.5	13.2	77.2	14.2	86.6	16.2	95.3	16.8
		12	48.9	8.63	58.4	10.5	67.8	12.42	72.5	13.4	77.2	14.4	86.6	16.5	94.1	16.7
		14	48.9	8.79	58.4	10.7	67.8	12.65	72.5	13.7	77.2	14.7	86.6	16.8	92.9	16.6
		16	48.9	8.95	58.4	10.9	67.8	12.90	72.5	13.9	77.2	15.0	86.6	17.0	91.6	16.8
		18	48.9	9.11	58.4	11.1	67.8	13.15	72.5	14.2	77.2	15.3	86.6	17.6	90.4	17.7
		20	48.9	9.28	58.4	11.3	67.8	13.55	72.5	14.9	77.2	16.4	86.6	18.4	89.1	18.6
		21	48.9	9.37	58.4	11.4	67.8	14.03	72.5	15.5	77.2	17.0	86.6	18.9	88.5	19.0
		23	48.9	9.62	58.4	12.2	67.8	15.03	72.5	16.6	77.2	18.2	85.5	19.7	87.3	19.9
		25	48.9	10.3	58.4	13.0	67.8	16.08	72.5	17.7	77.2	19.5	84.3	20.6	86.0	20.7
		27	48.9	10.9	58.4	13.9	67.8	17.18	72.5	19.0	77.2	20.8	83.0	21.4	84.8	21.6
		29	48.9	11.7	58.4	14.8	67.8	18.35	72.5	20.3	77.2	22.1	81.8	22.3	83.6	22.5
		31	48.9	12.4	58.4	15.8	67.8	19.58	72.5	21.6	77.2	23.0	80.6	23.2	82.3	23.4
		33	48.9	13.2	58.4	16.8	67.8	20.88	72.5	23.1	77.2	23.9	79.3	24.1	81.1	24.3
		35	48.9	14.0	58.4	17.9	67.8	22.26	72.5	24.6	76.3	24.7	78.1	24.9	79.9	25.2
		37	48.9	14.9	58.4	19.0	67.8	23.71	72.5	25.5	75.1	25.6	76.9	25.8	78.6	26.1
		39	48.9	15.8	58.4	20.3	67.8	25.26	72.5	26.4	73.9	26.5	75.6	26.7	77.4	27.0

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-10 26HP

26HP																		
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB														TC: Total capacity ; PI: Power input	
			14,0		16,0		18,0		19,0		20,0		22,0		24,0		TC	PI
			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	585	10	44.0	7.59	52.5	9.16	61.0	10.81	65.3	11.7	69.5	12.5	78.0	14.3	86.5	16.1		
		12	44.0	7.72	52.5	9.32	61.0	11.01	65.3	11.9	69.5	12.8	78.0	14.6	86.5	16.5		
		14	44.0	7.86	52.5	9.49	61.0	11.22	65.3	12.1	69.5	13.0	78.0	14.9	86.5	16.8		
		16	44.0	7.99	52.5	9.67	61.0	11.43	65.3	12.3	69.5	13.3	78.0	15.2	86.5	17.0		
		18	44.0	8.14	52.5	9.85	61.0	11.66	65.3	12.6	69.5	13.5	78.0	15.5	86.5	17.6		
		20	44.0	8.29	52.5	10.0	61.0	11.89	65.3	12.8	69.5	14.0	78.0	16.6	86.5	18.4		
		21	44.0	8.37	52.5	10.1	61.0	12.09	65.3	13.3	69.5	14.5	78.0	17.2	86.5	18.9		
		23	44.0	8.52	52.5	10.6	61.0	12.94	65.3	14.2	69.5	15.6	78.0	18.5	85.5	19.7		
		25	44.0	8.98	52.5	11.3	61.0	13.83	65.3	15.2	69.5	16.7	78.0	19.8	84.3	20.6		
		27	44.0	9.56	52.5	12.0	61.0	14.77	65.3	16.3	69.5	17.8	78.0	21.2	83.0	21.4		
		29	44.0	10.2	52.5	12.8	61.0	15.76	65.3	17.4	69.5	19.0	78.0	22.1	81.8	22.3		
		31	44.0	10.8	52.5	13.6	61.0	16.81	65.3	18.5	69.5	20.3	78.0	23.0	80.5	23.2		
		33	44.0	11.5	52.5	14.5	61.0	17.91	65.3	19.7	69.5	21.7	77.7	23.9	79.3	24.1		
		35	44.0	12.2	52.5	15.4	61.0	19.07	65.3	21.0	69.5	23.1	76.5	24.7	78.1	24.9		
		37	44.0	12.9	52.5	16.4	61.0	20.30	65.3	22.4	69.5	24.6	75.2	25.6	76.8	25.8		
		39	44.0	13.7	52.5	17.4	61.0	21.60	65.3	23.9	69.5	26.2	74.0	26.5	75.6	26.7		
80	520	10	39.1	6.74	46.7	8.07	54.2	9.48	58.0	10.2	61.8	11.0	69.3	12.5	76.9	14.1		
		12	39.1	6.85	46.7	8.21	54.2	9.65	58.0	10.4	61.8	11.2	69.3	12.7	76.9	14.4		
		14	39.1	6.96	46.7	8.35	54.2	9.83	58.0	10.6	61.8	11.4	69.3	13.0	76.9	14.6		
		16	39.1	7.08	46.7	8.50	54.2	10.01	58.0	10.8	61.8	11.6	69.3	13.2	76.9	14.9		
		18	39.1	7.20	46.7	8.66	54.2	10.21	58.0	11.0	61.8	11.8	69.3	13.5	76.9	15.2		
		20	39.1	7.33	46.7	8.82	54.2	10.40	58.0	11.2	61.8	12.1	69.3	14.0	76.9	16.3		
		21	39.1	7.40	46.7	8.91	54.2	10.51	58.0	11.3	61.8	12.3	69.3	14.5	76.9	16.9		
		23	39.1	7.53	46.7	9.08	54.2	11.02	58.0	12.1	61.8	13.2	69.3	15.5	76.9	18.1		
		25	39.1	7.78	46.7	9.66	54.2	11.76	58.0	12.9	61.8	14.1	69.3	16.6	76.9	19.4		
		27	39.1	8.27	46.7	10.3	54.2	12.55	58.0	13.8	61.8	15.0	69.3	17.8	76.9	20.7		
		29	39.1	8.79	46.7	11.0	54.2	13.38	58.0	14.7	61.8	16.0	69.3	19.0	76.9	22.1		
		31	39.1	9.34	46.7	11.7	54.2	14.25	58.0	15.6	61.8	17.1	69.3	20.2	76.9	23.0		
		33	39.1	9.91	46.7	12.4	54.2	15.17	58.0	16.7	61.8	18.2	69.3	21.6	76.9	23.9		
		35	39.1	10.5	46.7	13.2	54.2	16.13	58.0	17.7	61.8	19.4	69.3	23.0	76.3	24.7		
		37	39.1	11.1	46.7	14.0	54.2	17.16	58.0	18.9	61.8	20.7	69.3	24.5	75.0	25.6		
		39	39.1	11.8	46.7	14.8	54.2	18.24	58.0	20.1	61.8	22.0	69.3	26.1	73.8	26.5		
70	455	10	34.3	5.93	40.9	7.03	47.5	8.21	50.8	8.82	54.0	9.45	60.6	10.7	67.2	12.1		
		12	34.3	6.02	40.9	7.15	47.5	8.35	50.8	8.98	54.0	9.62	60.6	10.9	67.2	12.3		
		14	34.3	6.11	40.9	7.27	47.5	8.50	50.8	9.14	54.0	9.79	60.6	11.1	67.2	12.5		
		16	34.3	6.21	40.9	7.39	47.5	8.65	50.8	9.31	54.0	9.98	60.6	11.4	67.2	12.8		
		18	34.3	6.31	40.9	7.52	47.5	8.81	50.8	9.48	54.0	10.2	60.6	11.6	67.2	13.0		
		20	34.3	6.42	40.9	7.66	47.5	8.98	50.8	9.66	54.0	10.4	60.6	11.8	67.2	13.4		
		21	34.3	6.47	40.9	7.73	47.5	9.07	50.8	9.76	54.0	10.5	60.6	12.0	67.2	13.9		
		23	34.3	6.59	40.9	7.87	47.5	9.25	50.8	10.1	54.0	11.0	60.6	12.8	67.2	14.9		
		25	34.3	6.70	40.9	8.19	47.5	9.87	50.8	10.8	54.0	11.7	60.6	13.7	67.2	15.9		
		27	34.3	7.09	40.9	8.71	47.5	10.51	50.8	11.5	54.0	12.5	60.6	14.7	67.2	17.0		
		29	34.3	7.52	40.9	9.26	47.5	11.19	50.8	12.2	54.0	13.3	60.6	15.6	67.2	18.1		
		31	34.3	7.97	40.9	9.84	47.5	11.91	50.8	13.0	54.0	14.2	60.6	16.7	67.2	19.4		
		33	34.3	8.45	40.9	10.4	47.5	12.66	50.8	13.8	54.0	15.1	60.6	17.8	67.2	20.6		
		35	34.3	8.95	40.9	11.1	47.5	13.45	50.8	14.7	54.0	16.1	60.6	18.9	67.2	22.0		
		37	34.3	9.47	40.9	11.8	47.5	14.28	50.8	15.6	54.0	17.1	60.6	20.1	67.2	23.4		
		39	34.3	10.0	40.9	12.5	47.5	15.17	50.8	16.6	54.0	18.2	60.6	21.4	67.2	25.0		
60	390	10	29.4	5.16	35.0	6.05	40.7	7.00	43.5	7.50	46.3	8.01	52.0	9.06	57.6	10.1		
		12	29.4	5.23	35.0	6.14	40.7	7.12	43.5	7.62	46.3	8.14	52.0	9.22	57.6	10.3		
		14	29.4	5.31	35.0	6.24	40.7	7.24	43.5	7.76	46.3	8.29	52.0	9.38	57.6	10.5		
		16	29.4	5.38	35.0	6.34	40.7	7.36	43.5	7.89	46.3	8.44	52.0	9.56	57.6	10.7		
		18	29.4	5.47	35.0	6.45	40.7	7.49	43.5	8.03	46.3	8.59	52.0	9.74	57.6	10.9		
		20	29.4	5.55	35.0	6.56	40.7	7.63	43.5	8.18	46.3	8.75	52.0	9.93	57.6	11.1		
		21	29.4	5.60	35.0	6.61	40.7	7.69	43.5	8.26	46.3	8.83	52.0	10.0	57.6	11.3		
		23	29.4	5.69	35.0	6.73	40.7	7.84	43.5	8.41	46.3	9.00	52.0	10.4	57.6	12.0		
		25	29.4	5.78	35.0	6.85	40.7	8.14	43.5	8.84	46.3	9.57	52.0	11.1	57.6	12.8		
		27	29.4	5.99	35.0	7.26	40.7	8.66	43.5	9.41	46.3	10.2	52.0	11.9	57.6	13.6		
		29	29.4	6.35	35.0	7.71	40.7	9.21	43.5	10	46.3	10.9	52.0	12.6	57.6	14.6		
		31	29.4	6.72	35.0	8.18	40.7	9.78	43.5	11	46.3	11.5	52.0	13.4	57.6	15.5		
		33	29.4	7.11	35.0	8.67	40.7	10.39	43.5	11	46.3	12.3	52.0	14.3	57.6	16.5		
		35	29.4	7.52	35.0	9.18	40.7	11.02	43.5	12	46.3	13.0	52.0	15.2	57.6	17.6		
		37	29.4	7.95	35.0	9.72	40.7	11.69	43.5	13	46.3	13.8	52.0	16.2	57.6	18.7		
		39	29.4	8.40	35.0	10.3	40.7	12.39	43.5	14	46.3	14.7	52.0	17.2	57.6	19.9		

3 Capacity tables

3-1 Cooling capacity

3-1-10 26HP

26HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50	325	10	24.5	4.43	29.2	5.13	33.9	5.87	36.3	6.25	38.6	6.65	43.3	7.47	48.0	8.32
		12	24.5	4.49	29.2	5.20	33.9	5.96	36.3	6.35	38.6	6.76	43.3	7.59	48.0	8.46
		14	24.5	4.55	29.2	5.28	33.9	6.05	36.3	6.45	38.6	6.87	43.3	7.72	48.0	8.61
		16	24.5	4.61	29.2	5.36	33.9	6.15	36.3	6.56	38.6	6.98	43.3	7.86	48.0	8.77
		18	24.5	4.67	29.2	5.44	33.9	6.25	36.3	6.67	38.6	7.10	43.3	8.00	48.0	8.93
		20	24.5	4.74	29.2	5.52	33.9	6.35	36.3	6.79	38.6	7.23	43.3	8.15	48.0	9.10
		21	24.5	4.78	29.2	5.57	33.9	6.41	36.3	6.84	38.6	7.29	43.3	8.22	48.0	9.19
		23	24.5	4.85	29.2	5.66	33.9	6.52	36.3	6.97	38.6	7.43	43.3	8.38	48.0	9.40
		25	24.5	4.92	29.2	5.75	33.9	6.63	36.3	7.11	38.6	7.65	43.3	8.80	48.0	10.0
		27	24.5	5.00	29.2	5.96	33.9	7.00	36.3	7.56	38.6	8.14	43.3	9.37	48.0	10.7
		29	24.5	5.29	29.2	6.31	33.9	7.43	36.3	8.03	38.6	8.65	43.3	9.96	48.0	11.4
		31	24.5	5.59	29.2	6.68	33.9	7.88	36.3	8.52	38.6	9.18	43.3	10.6	48.0	12.1
		33	24.5	5.90	29.2	7.07	33.9	8.35	36.3	9.03	38.6	9.74	43.3	11.2	48.0	12.9
		35	24.5	6.23	29.2	7.47	33.9	8.84	36.3	9.57	38.6	10.3	43.3	11.9	48.0	13.7
		37	24.5	6.57	29.2	7.90	33.9	9.36	36.3	10.1	38.6	10.9	43.3	12.7	48.0	14.5
		39	24.5	6.93	29.2	8.34	33.9	9.90	36.3	10.7	38.6	11.6	43.3	13.4	48.0	15.4

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3 Capacity tables

3-1 Cooling capacity

3-1-11 28HP

28HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW		kW		kW		kW		kW		kW		kW	
130	910	10	68.4	12.0	81.6	14.8	94.8	17.5	101	17.9	103	17.5	106	16.8	108	16.1
		12	68.4	12.3	81.6	15.0	94.8	17.9	101	17.8	102	17.5	105	16.7	107	16.4
		14	68.4	12.5	81.6	15.3	94.8	18.1	99.5	17.7	101	17.4	103	17.2	106	17.4
		16	68.4	12.7	81.6	15.6	94.8	18.0	98.2	17.9	99.4	18.0	102	18.1	104	18.3
		18	68.4	13.0	81.6	15.9	94.8	18.7	96.9	18.8	98.1	18.9	101	19.1	103	19.3
		20	68.4	13.3	81.6	17.0	94.3	19.6	95.5	19.7	96.8	19.8	99.2	20.0	102	20.2
		21	68.4	13.6	81.6	17.6	93.6	20.1	94.9	20.2	96.1	20.3	98.6	20.5	101	20.7
		23	68.4	14.6	81.6	18.8	92.3	21.0	93.5	21.1	94.8	21.2	97.2	21.4	99.7	21.6
		25	68.4	15.6	81.6	20.2	91.0	21.9	92.2	22.0	93.4	22.1	95.9	22.4	98.4	22.6
		27	68.4	16.7	81.6	21.6	89.6	22.8	90.9	22.9	92.1	23.1	94.6	23.3	97.0	23.5
		29	68.4	17.8	81.6	23.1	88.3	23.8	89.5	23.9	90.8	24.0	93.2	24.3	95.7	24.5
		31	68.4	19.0	81.6	24.4	87.0	24.7	88.2	24.8	89.4	25.0	91.9	25.2	94.4	25.5
		33	68.4	20.2	81.6	25.3	85.6	25.6	86.9	25.8	88.1	25.9	90.6	26.2	93.1	26.5
		35	68.4	21.5	81.6	26.3	84.3	26.6	85.5	26.7	86.8	26.9	89.3	27.2	91.7	27.5
		37	68.4	22.9	80.5	27.2	83.0	27.5	84.2	27.7	84.8	27.8	86.2	28.1	87.5	28.4
		39	68.4	24.4	76.2	28.1	77.5	28.4	78.2	28.6	78.8	28.8	80.2	29.1	81.5	29.4
120	840	10	63.2	11.0	75.3	13.4	87.5	16.0	93.6	17.3	99.7	18.0	104	17.3	106	16.6
		12	63.2	11.2	75.3	13.7	87.5	16.3	93.6	17.6	99.7	17.9	103	17.2	105	16.5
		14	63.2	11.4	75.3	14.0	87.5	16.6	93.6	18.0	99.2	17.8	101	17.1	104	17.2
		16	63.2	11.6	75.3	14.2	87.5	16.9	93.6	18.1	97.9	17.9	100	18.0	102	18.2
		18	63.2	11.9	75.3	14.5	87.5	17.5	93.6	18.7	96.6	18.8	98.8	18.9	101	19.1
		20	63.2	12.1	75.3	15.1	87.5	18.8	93.6	19.6	95.2	19.7	97.5	19.9	99.8	20.0
		21	63.2	12.2	75.3	15.6	87.5	19.5	93.4	20.1	94.6	20.1	96.8	20.3	99.1	20.5
		23	63.2	13.0	75.3	16.7	87.5	20.9	92.1	21.0	93.2	21.1	95.5	21.3	97.8	21.5
		25	63.2	13.9	75.3	17.9	87.5	21.8	90.8	21.9	91.9	22.0	94.2	22.2	96.4	22.4
		27	63.2	14.9	75.3	19.2	87.5	22.7	89.4	22.8	90.6	22.9	92.8	23.1	95.1	23.4
		29	63.2	15.9	75.3	20.5	86.9	23.6	88.1	23.7	89.2	23.8	91.5	24.1	93.8	24.3
		31	63.2	16.9	75.3	21.8	85.6	24.5	86.8	24.7	87.9	24.8	90.2	25.0	92.4	25.3
		33	63.2	18.0	75.3	23.3	84.3	25.5	85.4	25.6	86.6	25.7	88.8	26.0	91.1	26.2
		35	63.2	19.2	75.3	24.8	83.0	26.4	84.1	26.5	85.2	26.7	87.5	26.9	89.8	27.2
		37	63.2	20.4	75.3	26.5	81.6	27.3	82.8	27.5	83.9	27.6	86.2	27.9	87.5	28.2
		39	63.2	21.7	75.3	27.9	77.5	28.3	78.2	28.4	78.8	28.6	80.2	28.9	81.5	29.2
110	770	10	57.9	10.00	69.1	12.2	80.2	14.5	85.8	15.6	91.4	16.8	102	17.9	105	17.2
		12	57.9	10.2	69.1	12.4	80.2	14.7	85.8	15.9	91.4	17.1	101	17.8	103	17.1
		14	57.9	10.4	69.1	12.6	80.2	15.0	85.8	16.2	91.4	17.5	99.8	17.7	102	17.1
		16	57.9	10.6	69.1	12.9	80.2	15.3	85.8	16.5	91.4	17.8	98.4	17.9	101	18.0
		18	57.9	10.8	69.1	13.1	80.2	15.6	85.8	17.0	91.4	18.7	97.1	18.8	99.2	19.0
		20	57.9	11.0	69.1	13.4	80.2	16.5	85.8	18.3	91.4	19.6	95.8	19.7	97.8	19.9
		21	57.9	11.1	69.1	13.8	80.2	17.1	85.8	18.9	91.4	20.0	95.1	20.2	97.2	20.4
		23	57.9	11.6	69.1	14.8	80.2	18.4	85.8	20.3	91.4	20.9	93.8	21.1	95.8	21.3
		25	57.9	12.4	69.1	15.8	80.2	19.7	85.8	21.7	90.3	21.8	92.4	22.0	94.5	22.2
		27	57.9	13.2	69.1	16.9	80.2	21.0	85.8	22.7	89.0	22.8	91.1	23.0	93.2	23.2
		29	57.9	14.1	69.1	18.0	80.2	22.5	85.8	23.6	87.7	23.7	89.8	23.9	91.8	24.1
		31	57.9	15.0	69.1	19.2	80.2	24.0	85.3	24.5	86.3	24.6	88.4	24.8	90.5	25.1
		33	57.9	16.0	69.1	20.5	80.2	25.3	84.0	25.4	85.0	25.5	87.1	25.8	89.2	26.0
		35	57.9	17.0	69.1	21.8	80.2	26.2	82.6	26.3	83.7	26.5	85.8	26.7	87.8	27.0
		37	57.9	18.0	69.1	23.2	80.2	27.1	81.3	27.3	82.3	27.4	84.4	27.7	86.5	28.0
		39	57.9	19.2	69.1	24.7	77.5	28.1	78.2	28.2	78.8	28.4	80.2	28.6	81.5	28.9
100	700	10	52.6	9.02	62.8	10.9	72.9	13.0	78.0	14.0	83.1	15.1	93.2	17.2	103	17.8
		12	52.6	9.18	62.8	11.1	72.9	13.2	78.0	14.3	83.1	15.3	93.2	17.5	101	17.7
		14	52.6	9.34	62.8	11.3	72.9	13.4	78.0	14.5	83.1	15.6	93.2	17.9	99.9	17.6
		16	52.6	9.51	62.8	11.6	72.9	13.7	78.0	14.8	83.1	15.9	93.2	18.1	98.6	17.9
		18	52.6	9.69	62.8	11.8	72.9	14.0	78.0	15.1	83.1	16.3	93.2	18.7	97.2	18.8
		20	52.6	9.87	62.8	12.0	72.9	14.4	78.0	15.9	83.1	17.4	93.2	19.6	95.9	19.7
		21	52.6	9.96	62.8	12.1	72.9	14.9	78.0	16.4	83.1	18.0	93.2	20.0	95.2	20.2
		23	52.6	10.2	62.8	12.9	72.9	16.0	78.0	17.6	83.1	19.3	92.0	21.0	93.9	21.1
		25	52.6	10.9	62.8	13.8	72.9	17.1	78.0	18.9	83.1	20.7	90.7	21.9	92.6	22.1
		27	52.6	11.6	62.8	14.8	72.9	18.3	78.0	20.2	83.1	22.2	89.3	22.8	91.2	23.0
		29	52.6	12.4	62.8	15.7	72.9	19.5	78.0	21.5	83.1	23.5	88.0	23.7	89.9	23.9
		31	52.6	13.2	62.8	16.8	72.9	20.8	78.0	23.0	83.1	24.4	86.7	24.6	88.6	24.9
		33	52.6	14.0	62.8	17.9	72.9	22.2	78.0	24.5	83.1	25.4	85.3	25.6	87.2	25.8
		35	52.6	14.9	62.8	19.0	72.9	23.7	78.0	26.2	82.1	26.3	84.0	26.5	85.9	26.7
		37	52.6	15.8	62.8	20.2	72.9	25.2	78.0	27.1	80.8	27.2	82.7	27.5	84.6	27.7
		39	52.6	16.8	62.8	21.5	72.9	26.8	78.0	28.0	78.8	28.1	80.2	28.4	81.5	28.7

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-11 28HP

28HP			Indoor air temperature: °CWB													
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	630	10	47.4	8.07	56.5	9.73	65.6	11.5	70.2	12.4	74.8	13.3	83.9	15.2	93.0	17.2
		12	47.4	8.21	56.5	9.91	65.6	11.7	70.2	12.6	74.8	13.6	83.9	15.5	93.0	17.5
		14	47.4	8.35	56.5	10.1	65.6	11.9	70.2	12.9	74.8	13.8	83.9	15.8	93.0	17.8
		16	47.4	8.50	56.5	10.3	65.6	12.2	70.2	13.1	74.8	14.1	83.9	16.1	93.0	18.1
		18	47.4	8.65	56.5	10.5	65.6	12.4	70.2	13.4	74.8	14.4	83.9	16.4	93.0	18.7
		20	47.4	8.81	56.5	10.7	65.6	12.6	70.2	13.6	74.8	14.9	83.9	17.7	93.0	19.6
		21	47.4	8.89	56.5	10.8	65.6	12.9	70.2	14.1	74.8	15.5	83.9	18.3	93.0	20.0
		23	47.4	9.06	56.5	11.2	65.6	13.8	70.2	15.1	74.8	16.6	83.9	19.6	92.0	21.0
		25	47.4	9.54	56.5	12.0	65.6	14.7	70.2	16.2	74.8	17.7	83.9	21.0	90.6	21.9
		27	47.4	10.2	56.5	12.8	65.6	15.7	70.2	17.3	74.8	18.9	83.9	22.5	89.3	22.8
		29	47.4	10.8	56.5	13.6	65.6	16.8	70.2	18.5	74.8	20.2	83.9	23.5	88.0	23.7
		31	47.4	11.5	56.5	14.5	65.6	17.9	70.2	19.7	74.8	21.6	83.9	24.5	86.6	24.6
		33	47.4	12.2	56.5	15.4	65.6	19.0	70.2	21.0	74.8	23.0	83.6	25.4	85.3	25.6
		35	47.4	13.0	56.5	16.4	65.6	20.3	70.2	22.4	74.8	24.6	82.3	26.3	84.0	26.5
		37	47.4	13.8	56.5	17.4	65.6	21.6	70.2	23.8	74.8	26.2	80.9	27.2	82.6	27.5
		39	47.4	14.6	56.5	18.5	65.6	23.0	70.2	25.4	74.8	27.9	79.6	28.2	81.3	28.4
80	560	10	42.1	7.17	50.2	8.58	58.3	10.1	62.4	10.9	66.5	11.7	74.6	13.3	82.7	15.0
		12	42.1	7.28	50.2	8.73	58.3	10.3	62.4	11.1	66.5	11.9	74.6	13.5	82.7	15.3
		14	42.1	7.40	50.2	8.88	58.3	10.4	62.4	11.3	66.5	12.1	74.6	13.8	82.7	15.5
		16	42.1	7.53	50.2	9.04	58.3	10.6	62.4	11.5	66.5	12.3	74.6	14.1	82.7	15.9
		18	42.1	7.66	50.2	9.21	58.3	10.8	62.4	11.7	66.5	12.6	74.6	14.3	82.7	16.2
		20	42.1	7.79	50.2	9.38	58.3	11.1	62.4	11.9	66.5	12.8	74.6	14.9	82.7	17.3
		21	42.1	7.86	50.2	9.47	58.3	11.2	62.4	12.0	66.5	13.1	74.6	15.4	82.7	17.9
		23	42.1	8.01	50.2	9.65	58.3	11.7	62.4	12.8	66.5	14.0	74.6	16.5	82.7	19.2
		25	42.1	8.27	50.2	10.3	58.3	12.5	62.4	13.7	66.5	15.0	74.6	17.7	82.7	20.6
		27	42.1	8.79	50.2	10.9	58.3	13.3	62.4	14.6	66.5	16.0	74.6	18.9	82.7	22.0
		29	42.1	9.35	50.2	11.7	58.3	14.2	62.4	15.6	66.5	17.1	74.6	20.2	82.7	23.5
		31	42.1	9.92	50.2	12.4	58.3	15.1	62.4	16.6	66.5	18.2	74.6	21.5	82.7	24.4
		33	42.1	10.5	50.2	13.2	58.3	16.1	62.4	17.7	66.5	19.4	74.6	22.9	82.7	25.4
		35	42.1	11.2	50.2	14.0	58.3	17.1	62.4	18.9	66.5	20.6	74.6	24.5	82.0	26.3
		37	42.1	11.8	50.2	14.9	58.3	18.2	62.4	20.1	66.5	22.0	74.6	26.1	80.7	27.2
		39	42.1	12.5	50.2	15.8	58.3	19.4	62.4	21.3	66.5	23.4	74.6	27.8	79.4	28.1
70	490	10	36.8	6.30	43.9	7.48	51.0	8.73	54.6	9.38	58.2	10.0	65.3	11.4	72.4	12.8
		12	36.8	6.40	43.9	7.60	51.0	8.88	54.6	9.54	58.2	10.2	65.3	11.6	72.4	13.1
		14	36.8	6.50	43.9	7.73	51.0	9.04	54.6	9.72	58.2	10.4	65.3	11.8	72.4	13.3
		16	36.8	6.60	43.9	7.86	51.0	9.20	54.6	9.89	58.2	10.6	65.3	12.1	72.4	13.6
		18	36.8	6.71	43.9	8.00	51.0	9.37	54.6	10.1	58.2	10.8	65.3	12.3	72.4	13.9
		20	36.8	6.82	43.9	8.14	51.0	9.54	54.6	10.3	58.2	11.0	65.3	12.6	72.4	14.2
		21	36.8	6.88	43.9	8.22	51.0	9.64	54.6	10.4	58.2	11.1	65.3	12.7	72.4	14.7
		23	36.8	7.00	43.9	8.37	51.0	9.83	54.6	10.7	58.2	11.7	65.3	13.6	72.4	15.8
		25	36.8	7.13	43.9	8.70	51.0	10.5	54.6	11.4	58.2	12.4	65.3	14.6	72.4	16.9
		27	36.8	7.53	43.9	9.26	51.0	11.2	54.6	12.2	58.2	13.3	65.3	15.6	72.4	18.1
		29	36.8	7.99	43.9	9.84	51.0	11.9	54.6	13.0	58.2	14.2	65.3	16.6	72.4	19.3
		31	36.8	8.48	43.9	10.5	51.0	12.7	54.6	13.8	58.2	15.1	65.3	17.7	72.4	20.6
		33	36.8	8.98	43.9	11.1	51.0	13.5	54.6	14.7	58.2	16.0	65.3	18.9	72.4	21.9
		35	36.8	9.51	43.9	11.8	51.0	14.3	54.6	15.7	58.2	17.1	65.3	20.1	72.4	23.4
		37	36.8	10.1	43.9	12.5	51.0	15.2	54.6	16.6	58.2	18.2	65.3	21.4	72.4	24.9
		39	36.8	10.7	43.9	13.2	51.0	16.1	54.6	17.7	58.2	19.3	65.3	22.8	72.4	26.5
60	420	10	31.6	5.48	37.7	6.43	43.8	7.44	46.8	7.97	49.8	8.51	55.9	9.63	62.0	10.8
		12	31.6	5.56	37.7	6.53	43.8	7.57	46.8	8.10	49.8	8.66	55.9	9.80	62.0	11.0
		14	31.6	5.64	37.7	6.63	43.8	7.69	46.8	8.24	49.8	8.81	55.9	9.97	62.0	11.2
		16	31.6	5.72	37.7	6.74	43.8	7.82	46.8	8.39	49.8	8.97	55.9	10.2	62.0	11.4
		18	31.6	5.81	37.7	6.85	43.8	7.96	46.8	8.54	49.8	9.13	55.9	10.4	62.0	11.6
		20	31.6	5.90	37.7	6.97	43.8	8.11	46.8	8.70	49.8	9.30	55.9	10.6	62.0	11.8
		21	31.6	5.95	37.7	7.03	43.8	8.18	46.8	8.78	49.8	9.39	55.9	10.7	62.0	12.0
		23	31.6	6.05	37.7	7.15	43.8	8.33	46.8	8.94	49.8	9.57	55.9	11.1	62.0	12.7
		25	31.6	6.15	37.7	7.28	43.8	8.66	46.8	9.40	49.8	10.2	55.9	11.8	62.0	13.6
		27	31.6	6.37	37.7	7.72	43.8	9.21	46.8	10.0	49.8	10.8	55.9	12.6	62.0	14.5
		29	31.6	6.75	37.7	8.20	43.8	9.79	46.8	10.6	49.8	11.5	55.9	13.4	62.0	15.5
		31	31.6	7.15	37.7	8.69	43.8	10.4	46.8	11.3	49.8	12.3	55.9	14.3	62.0	16.5
		33	31.6	7.56	37.7	9.21	43.8	11.0	46.8	12.0	49.8	13.0	55.9	15.2	62.0	17.6
		35	31.6	8.00	37.7	9.76	43.8	11.7	46.8	12.8	49.8	13.9	55.9	16.2	62.0	18.7
		37	31.6	8.45	37.7	10.3	43.8	12.4	46.8	13.5	49.8	14.7	55.9	17.2	62.0	19.9
		39	31.6	8.93	37.7	10.9	43.8	13.2	46.8	14.4	49.8	15.6	55.9	18.3	62.0	21.1

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-11 28HP

28HP		Indoor air temperature: °CWB														TC: Total capacity ; PI: Power input	
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0		
			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	kW
50	350	10	26.3	4.71	31.4	5.45	36.5	6.24	39.0	6.65	41.5	7.07	46.6	7.94	51.7	8.84	
		12	26.3	4.77	31.4	5.53	36.5	6.33	39.0	6.75	41.5	7.18	46.6	8.07	51.7	9.00	
		14	26.3	4.83	31.4	5.61	36.5	6.43	39.0	6.86	41.5	7.30	46.6	8.21	51.7	9.16	
		16	26.3	4.90	31.4	5.69	36.5	6.53	39.0	6.97	41.5	7.42	46.6	8.35	51.7	9.32	
		18	26.3	4.97	31.4	5.78	36.5	6.64	39.0	7.09	41.5	7.55	46.6	8.50	51.7	9.49	
		20	26.3	5.04	31.4	5.87	36.5	6.75	39.0	7.21	41.5	7.68	46.6	8.66	51.7	9.67	
		21	26.3	5.08	31.4	5.92	36.5	6.81	39.0	7.28	41.5	7.75	46.6	8.74	51.7	9.77	
		23	26.3	5.15	31.4	6.01	36.5	6.93	39.0	7.41	41.5	7.89	46.6	8.90	51.7	9.99	
		25	26.3	5.23	31.4	6.11	36.5	7.05	39.0	7.56	41.5	8.13	46.6	9.35	51.7	10.7	
		27	26.3	5.31	31.4	6.33	36.5	7.44	39.0	8.04	41.5	8.65	46.6	9.96	51.7	11.4	
		29	26.3	5.62	31.4	6.71	36.5	7.90	39.0	8.53	41.5	9.19	46.6	10.6	51.7	12.1	
		31	26.3	5.94	31.4	7.10	36.5	8.37	39.0	9.05	41.5	9.76	46.6	11.3	51.7	12.9	
		33	26.3	6.27	31.4	7.51	36.5	8.87	39.0	9.60	41.5	10.4	46.6	12.0	51.7	13.7	
		35	26.3	6.62	31.4	7.94	36.5	9.40	39.0	10.2	41.5	11.0	46.6	12.7	51.7	14.5	
		37	26.3	6.98	31.4	8.39	36.5	9.95	39.0	10.8	41.5	11.6	46.6	13.5	51.7	15.4	
		39	26.3	7.36	31.4	8.87	36.5	10.5	39.0	11.4	41.5	12.3	46.6	14.3	51.7	16.4	

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3 Capacity tables

3-1 Cooling capacity

3-1-12 30HP

30HP		Indoor air temperature: °CWB															TC: Total capacity ; PI: Power input	
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0			
			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	kW	
130	975	10	74.1	13.7	88.4	16.8	103	20.0	110	20.4	112	20.0	115	19.2	117	18.3		
		12	74.1	14.0	88.4	17.1	103	20.4	109	20.3	111	19.9	113	19.0	116	18.7		
		14	74.1	14.2	88.4	17.5	103	20.6	108	20.2	109	19.8	112	19.6	115	19.8		
		16	74.1	14.5	88.4	17.8	103	20.5	106	20.4	108	20.5	110	20.7	113	20.9		
		18	74.1	14.8	88.4	18.1	103	21.3	105	21.4	106	21.5	109	21.7	112	21.9		
		20	74.1	15.1	88.4	19.3	102	22.4	104	22.5	105	22.6	108	22.8	110	23.0		
		21	74.1	15.5	88.4	20.0	101	22.9	103	23.0	104	23.1	107	23.3	109	23.6		
		23	74.1	16.6	88.4	21.5	100	23.9	101	24.0	103	24.2	105	24.4	108	24.6		
		25	74.1	17.8	88.4	23.0	98.6	25.0	99.9	25.1	101	25.2	104	25.5	107	25.7		
		27	74.1	19.0	88.4	24.6	97.1	26.0	98.5	26.1	99.8	26.3	102	26.6	105	26.8		
		29	74.1	20.3	88.4	26.3	95.7	27.1	97.0	27.2	98.3	27.4	101	27.6	104	27.9		
		31	74.1	21.6	88.4	27.8	94.2	28.1	95.6	28.3	96.9	28.4	99.6	28.7	102	29.0		
		33	74.1	23.0	88.4	28.9	92.8	29.2	94.1	29.4	95.5	29.5	98.1	29.8	101	30.2		
		35	74.1	24.5	88.4	29.9	91.3	30.3	92.7	30.4	94.0	30.6	96.7	30.9	99.4	31.3		
		37	74.1	26.1	87.2	31.0	89.6	31.3	90.6	31.5	91.7	31.7	93.7	32.1	95.7	32.4		
		39	74.1	27.8	83.5	32.0	85.5	32.4	86.5	32.6	87.5	32.8	89.6	33.2	91.6	33.6		
120	900	10	68.4	12.5	81.6	15.3	94.8	18.2	101	19.7	108	20.5	113	19.8	115	19.0		
		12	68.4	12.8	81.6	15.6	94.8	18.6	101	20.1	108	20.4	111	19.6	114	18.8		
		14	68.4	13.0	81.6	15.9	94.8	18.9	101	20.5	107	20.3	110	19.5	112	19.7		
		16	68.4	13.3	81.6	16.2	94.8	19.3	101	20.6	106	20.4	109	20.5	111	20.7		
		18	68.4	13.5	81.6	16.5	94.8	20.0	101	21.3	105	21.4	107	21.6	110	21.8		
		20	68.4	13.8	81.6	17.2	94.8	21.4	101	22.3	103	22.4	106	22.6	108	22.8		
		21	68.4	13.9	81.6	17.8	94.8	22.2	101	22.8	102	23.0	105	23.2	107	23.4		
		23	68.4	14.9	81.6	19.1	94.8	23.8	99.8	23.9	101	24.0	103	24.2	106	24.5		
		25	68.4	15.9	81.6	20.4	94.8	24.8	98.3	24.9	99.5	25.1	102	25.3	104	25.5		
		27	68.4	17.0	81.6	21.8	94.8	25.9	96.9	26.0	98.1	26.1	101	26.4	103	26.6		
		29	68.4	18.1	81.6	23.3	94.2	26.9	95.4	27.0	96.7	27.2	99.1	27.4	102	27.7		
		31	68.4	19.3	81.6	24.9	92.7	28.0	94.0	28.1	95.2	28.2	97.7	28.5	100	28.8		
		33	68.4	20.5	81.6	26.5	91.3	29.0	92.5	29.2	93.8	29.3	96.2	29.6	98.7	29.9		
		35	68.4	21.9	81.6	28.3	89.9	30.1	91.1	30.2	92.3	30.4	94.8	30.7	97.3	31.0		
		37	68.4	23.3	81.6	30.2	88.4	31.1	89.7	31.3	90.9	31.5	92.8	31.8	94.7	32.1		
		39	68.4	24.7	81.5	31.8	84.8	32.2	85.8	32.4	86.7	32.6	88.7	32.9	90.6	33.3		
110	825	10	62.7	11.4	74.8	13.9	86.9	16.5	93.0	17.8	99.0	19.2	111	20.3	113	19.6		
		12	62.7	11.6	74.8	14.1	86.9	16.8	93.0	18.1	99.0	19.5	110	20.2	112	19.5		
		14	62.7	11.8	74.8	14.4	86.9	17.1	93.0	18.5	99.0	19.9	108	20.1	110	19.5		
		16	62.7	12.0	74.8	14.7	86.9	17.4	93.0	18.9	99.0	20.3	107	20.4	109	20.6		
		18	62.7	12.3	74.8	15.0	86.9	17.8	93.0	19.4	99.0	21.3	105	21.4	107	21.6		
		20	62.7	12.5	74.8	15.3	86.9	18.8	93.0	20.8	99.0	22.3	104	22.5	106	22.7		
		21	62.7	12.6	74.8	15.7	86.9	19.5	93.0	21.6	99.0	22.8	103	23.0	105	23.2		
		23	62.7	13.2	74.8	16.8	86.9	20.9	93.0	23.1	99.0	23.9	102	24.1	104	24.3		
		25	62.7	14.1	74.8	18.0	86.9	22.4	93.0	24.8	97.9	24.9	100	25.1	102	25.3		
		27	62.7	15.0	74.8	19.2	86.9	24.0	93.0	25.8	96.4	25.9	98.7	26.2	101	26.4		
		29	62.7	16.0	74.8	20.5	86.9	25.6	93.0	26.9	95.0	27.0	97.2	27.2	99.5	27.5		
		31	62.7	17.1	74.8	21.9	86.9	27.3	92.4	27.9	93.5	28.0	95.8	28.3	98.1	28.6		
		33	62.7	18.2	74.8	23.3	86.9	28.8	91.0	29.0	92.1	29.1	94.4	29.4	96.6	29.7		
		35	62.7	19.3	74.8	24.9	86.9	29.9	89.5	30.0	90.6	30.2	92.9	30.5	95.2	30.7		
		37	62.7	20.6	74.8	26.5	86.9	30.9	88.1	31.1	89.2	31.2	91.5	31.5	93.7	31.8		
		39	62.7	21.9	74.8	28.2	84.1	32.0	85.0	32.2	86.0	32.3	87.8	32.6	89.6	33.0		
100	750	10	57.0	10.3	68.0	12.5	79.0	14.8	84.5	15.9	90.0	17.2	101	19.6	111	20.3		
		12	57.0	10.5	68.0	12.7	79.0	15.0	84.5	16.2	90.0	17.5	101	20.0	110	20.2		
		14	57.0	10.6	68.0	12.9	79.0	15.3	84.5	16.6	90.0	17.8	101	20.4	108	20.1		
		16	57.0	10.8	68.0	13.2	79.0	15.6	84.5	16.9	90.0	18.2	101	20.6	107	20.4		
		18	57.0	11.0	68.0	13.4	79.0	15.9	84.5	17.2	90.0	18.5	101	21.3	105	21.4		
		20	57.0	11.2	68.0	13.7	79.0	16.4	84.5	18.1	90.0	19.8	101	22.3	104	22.5		
		21	57.0	11.4	68.0	13.8	79.0	17.0	84.5	18.7	90.0	20.6	101	22.8	103	23.0		
		23	57.0	11.7	68.0	14.7	79.0	18.2	84.5	20.1	90.0	22.0	99.7	23.9	102	24.1		
		25	57.0	12.4	68.0	15.8	79.0	19.5	84.5	21.5	90.0	23.6	98.2	24.9	100	25.1		
		27	57.0	13.3	68.0	16.8	79.0	20.8	84.5	23.0	90.0	25.3	96.8	26.0	98.8	26.2		
		29	57.0	14.1	68.0	17.9	79.0	22.2	84.5	24.5	90.0	26.8	95.3	27.0	97.4	27.3		
		31	57.0	15.0	68.0	19.1	79.0	23.7	84.5	26.2	90.0	27.9	93.9	28.1	96.0	28.3		
		33	57.0	16.0	68.0	20.4	79.0	25.3	84.5	28.0	90.0	28.9	92.5	29.1	94.5	29.4		
		35	57.0	17.0	68.0	21.7	79.0	27.0	84.5	29.9	89.0	30.0	91.0	30.2	93.1	30.5		
		37	57.0	18.0	68.0	23.1	79.0	28.7	84.5	30.9	87.5	31.0	89.6	31.3	91.6	31.6		
		39	57.0	19.2	68.0	24.5	79.0	30.6	84.0	31.9	85.2	32.1	86.9	32.4	88.6	32.7		

3 Capacity tables

3-1 Cooling capacity

3-1-12 30HP

30HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	675	10	51.3	9.20	61.2	11.1	71.1	13.1	76.1	14.1	81.0	15.2	90.9	17.4	101	19.6
		12	51.3	9.35	61.2	11.3	71.1	13.3	76.1	14.4	81.0	15.5	90.9	17.7	101	19.9
		14	51.3	9.51	61.2	11.5	71.1	13.6	76.1	14.7	81.0	15.8	90.9	18.0	101	20.3
		16	51.3	9.68	61.2	11.7	71.1	13.8	76.1	15.0	81.0	16.1	90.9	18.4	101	20.6
		18	51.3	9.86	61.2	11.9	71.1	14.1	76.1	15.2	81.0	16.4	90.9	18.7	101	21.3
		20	51.3	10.0	61.2	12.2	71.1	14.4	76.1	15.6	81.0	17.0	90.9	20.1	101	22.3
		21	51.3	10.1	61.2	12.3	71.1	14.6	76.1	16.1	81.0	17.6	90.9	20.9	101	22.8
		23	51.3	10.3	61.2	12.8	71.1	15.7	76.1	17.2	81.0	18.9	90.9	22.4	99.6	23.9
		25	51.3	10.9	61.2	13.7	71.1	16.8	76.1	18.4	81.0	20.2	90.9	24.0	98.2	24.9
		27	51.3	11.6	61.2	14.6	71.1	17.9	76.1	19.7	81.0	21.6	90.9	25.6	96.8	26.0
		29	51.3	12.3	61.2	15.5	71.1	19.1	76.1	21.0	81.0	23.1	90.9	26.8	95.3	27.0
		31	51.3	13.1	61.2	16.5	71.1	20.4	76.1	22.4	81.0	24.6	90.9	27.9	93.9	28.1
		33	51.3	13.9	61.2	17.6	71.1	21.7	76.1	23.9	81.0	26.2	90.6	28.9	92.4	29.1
		35	51.3	14.8	61.2	18.7	71.1	23.1	76.1	25.5	81.0	28.0	89.1	30.0	91.0	30.2
		37	51.3	15.7	61.2	19.9	71.1	24.6	76.1	27.1	81.0	29.8	87.7	31.0	89.5	31.3
		39	51.3	16.6	61.2	21.1	71.1	26.2	76.1	28.9	81.0	31.8	86.0	32.1	87.6	32.4
80	600	10	45.6	8.16	54.4	9.78	63.2	11.5	67.6	12.4	72.0	13.3	80.8	15.1	89.6	17.1
		12	45.6	8.30	54.4	9.94	63.2	11.7	67.6	12.6	72.0	13.5	80.8	15.4	89.6	17.4
		14	45.6	8.43	54.4	10.1	63.2	11.9	67.6	12.8	72.0	13.8	80.8	15.7	89.6	17.7
		16	45.6	8.58	54.4	10.3	63.2	12.1	67.6	13.1	72.0	14.0	80.8	16.0	89.6	18.1
		18	45.6	8.72	54.4	10.5	63.2	12.4	67.6	13.3	72.0	14.3	80.8	16.3	89.6	18.4
		20	45.6	8.88	54.4	10.7	63.2	12.6	67.6	13.6	72.0	14.6	80.8	16.9	89.6	19.7
		21	45.6	8.96	54.4	10.8	63.2	12.7	67.6	13.7	72.0	14.9	80.8	17.5	89.6	20.4
		23	45.6	9.12	54.4	11.0	63.2	13.3	67.6	14.6	72.0	16.0	80.8	18.8	89.6	21.9
		25	45.6	9.42	54.4	11.7	63.2	14.2	67.6	15.6	72.0	17.1	80.8	20.1	89.6	23.4
		27	45.6	10.0	54.4	12.5	63.2	15.2	67.6	16.7	72.0	18.2	80.8	21.5	89.6	25.1
		29	45.6	10.6	54.4	13.3	63.2	16.2	67.6	17.8	72.0	19.4	80.8	23.0	89.6	26.8
		31	45.6	11.3	54.4	14.1	63.2	17.3	67.6	18.9	72.0	20.7	80.8	24.5	89.6	27.8
		33	45.6	12.0	54.4	15.0	63.2	18.4	67.6	20.2	72.0	22.1	80.8	26.1	89.6	28.9
		35	45.6	12.7	54.4	15.9	63.2	19.5	67.6	21.5	72.0	23.5	80.8	27.9	88.9	29.9
		37	45.6	13.5	54.4	16.9	63.2	20.8	67.6	22.9	72.0	25.0	80.8	29.7	87.4	31.0
		39	45.6	14.3	54.4	18.0	63.2	22.1	67.6	24.3	72.0	26.6	80.8	31.6	86.0	32.1
70	525	10	39.9	7.18	47.6	8.52	55.3	9.95	59.2	10.7	63.0	11.4	70.7	13.0	78.4	14.6
		12	39.9	7.29	47.6	8.66	55.3	10.1	59.2	10.9	63.0	11.7	70.7	13.2	78.4	14.9
		14	39.9	7.40	47.6	8.81	55.3	10.3	59.2	11.1	63.0	11.9	70.7	13.5	78.4	15.2
		16	39.9	7.52	47.6	8.96	55.3	10.5	59.2	11.3	63.0	12.1	70.7	13.8	78.4	15.5
		18	39.9	7.64	47.6	9.11	55.3	10.7	59.2	11.5	63.0	12.3	70.7	14.0	78.4	15.8
		20	39.9	7.77	47.6	9.28	55.3	10.9	59.2	11.7	63.0	12.6	70.7	14.3	78.4	16.2
		21	39.9	7.84	47.6	9.36	55.3	11.0	59.2	11.8	63.0	12.7	70.7	14.5	78.4	16.8
		23	39.9	7.98	47.6	9.54	55.3	11.2	59.2	12.2	63.0	13.3	70.7	15.5	78.4	18.0
		25	39.9	8.12	47.6	9.92	55.3	12.0	59.2	13.0	63.0	14.2	70.7	16.6	78.4	19.3
		27	39.9	8.58	47.6	10.6	55.3	12.7	59.2	13.9	63.0	15.1	70.7	17.7	78.4	20.6
		29	39.9	9.11	47.6	11.2	55.3	13.6	59.2	14.8	63.0	16.1	70.7	18.9	78.4	22.0
		31	39.9	9.66	47.6	11.9	55.3	14.4	59.2	15.8	63.0	17.2	70.7	20.2	78.4	23.4
		33	39.9	10.2	47.6	12.6	55.3	15.3	59.2	16.8	63.0	18.3	70.7	21.5	78.4	25.0
		35	39.9	10.8	47.6	13.4	55.3	16.3	59.2	17.8	63.0	19.5	70.7	22.9	78.4	26.6
		37	39.9	11.5	47.6	14.2	55.3	17.3	59.2	19.0	63.0	20.7	70.7	24.4	78.4	28.4
		39	39.9	12.1	47.6	15.1	55.3	18.4	59.2	20.1	63.0	22.0	70.7	25.9	78.4	30.2
60	450	10	34.2	6.25	40.8	7.33	47.4	8.48	50.7	9.08	54.0	9.70	60.6	11.0	67.2	12.3
		12	34.2	6.33	40.8	7.44	47.4	8.62	50.7	9.24	54.0	9.86	60.6	11.2	67.2	12.5
		14	34.2	6.43	40.8	7.56	47.4	8.77	50.7	9.39	54.0	10.0	60.6	11.4	67.2	12.7
		16	34.2	6.52	40.8	7.68	47.4	8.92	50.7	9.56	54.0	10.2	60.6	11.6	67.2	13.0
		18	34.2	6.62	40.8	7.81	47.4	9.07	50.7	9.73	54.0	10.4	60.6	11.8	67.2	13.2
		20	34.2	6.73	40.8	7.94	47.4	9.24	50.7	9.91	54.0	10.6	60.6	12.0	67.2	13.5
		21	34.2	6.78	40.8	8.01	47.4	9.32	50.7	10.0	54.0	10.7	60.6	12.1	67.2	13.6
		23	34.2	6.89	40.8	8.15	47.4	9.49	50.7	10.2	54.0	10.9	60.6	12.6	67.2	14.5
		25	34.2	7.01	40.8	8.30	47.4	9.86	50.7	10.7	54.0	11.6	60.6	13.5	67.2	15.5
		27	34.2	7.26	40.8	8.80	47.4	10.5	50.7	11.4	54.0	12.3	60.6	14.4	67.2	16.5
		29	34.2	7.69	40.8	9.34	47.4	11.2	50.7	12.1	54.0	13.1	60.6	15.3	67.2	17.6
		31	34.2	8.14	40.8	9.91	47.4	11.9	50.7	12.9	54.0	14.0	60.6	16.3	67.2	18.8
		33	34.2	8.62	40.8	10.5	47.4	12.6	50.7	13.7	54.0	14.9	60.6	17.3	67.2	20.0
		35	34.2	9.11	40.8	11.1	47.4	13.3	50.7	14.5	54.0	15.8	60.6	18.4	67.2	21.3
		37	34.2	9.63	40.8	11.8	47.4	14.2	50.7	15.4	54.0	16.8	60.6	19.6	67.2	22.7
		39	34.2	10.2	40.8	12.5	47.4	15.0	50.7	16.4	54.0	17.8	60.6	20.8	67.2	24.1

3 Capacity tables

3-1 Cooling capacity

3-1-12 30HP

30HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50	375	10	28.5	5.37	34.0	6.21	39.5	7.11	42.3	7.58	45.0	8.05	50.5	9.04	56.0	10.1
		12	28.5	5.44	34.0	6.30	39.5	7.22	42.3	7.69	45.0	8.18	50.5	9.20	56.0	10.3
		14	28.5	5.51	34.0	6.39	39.5	7.33	42.3	7.82	45.0	8.32	50.5	9.35	56.0	10.4
		16	28.5	5.58	34.0	6.49	39.5	7.45	42.3	7.95	45.0	8.46	50.5	9.52	56.0	10.6
		18	28.5	5.66	34.0	6.59	39.5	7.57	42.3	8.08	45.0	8.60	50.5	9.69	56.0	10.8
		20	28.5	5.74	34.0	6.69	39.5	7.69	42.3	8.22	45.0	8.76	50.5	9.87	56.0	11.0
		21	28.5	5.78	34.0	6.74	39.5	7.76	42.3	8.29	45.0	8.83	50.5	9.96	56.0	11.1
		23	28.5	5.87	34.0	6.85	39.5	7.89	42.3	8.44	45.0	8.99	50.5	10.1	56.0	11.4
		25	28.5	5.96	34.0	6.97	39.5	8.04	42.3	8.61	45.0	9.27	50.5	10.7	56.0	12.1
		27	28.5	6.06	34.0	7.21	39.5	8.48	42.3	9.16	45.0	9.86	50.5	11.3	56.0	12.9
		29	28.5	6.41	34.0	7.64	39.5	9.00	42.3	9.72	45.0	10.5	50.5	12.1	56.0	13.8
		31	28.5	6.77	34.0	8.09	39.5	9.54	42.3	10.3	45.0	11.1	50.5	12.8	56.0	14.7
		33	28.5	7.15	34.0	8.56	39.5	10.1	42.3	10.9	45.0	11.8	50.5	13.6	56.0	15.6
		35	28.5	7.54	34.0	9.05	39.5	10.7	42.3	11.6	45.0	12.5	50.5	14.5	56.0	16.6
		37	28.5	7.96	34.0	9.56	39.5	11.3	42.3	12.3	45.0	13.3	50.5	15.3	56.0	17.6
		39	28.5	8.39	34.0	10.1	39.5	12.0	42.3	13.0	45.0	14.0	50.5	16.3	56.0	18.7

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3 Capacity tables

3-1 Cooling capacity

3-1-13 32HP

32HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	1,040	10	78.1	14.4	93.1	17.6	108	20.9	116	21.4	118	20.9	121	20.1	124	19.2
		12	78.1	14.7	93.1	17.9	108	21.3	115	21.3	117	20.8	119	19.9	122	19.6
		14	78.1	14.9	93.1	18.3	108	21.6	114	21.2	115	20.7	118	20.5	121	20.7
		16	78.1	15.2	93.1	18.6	108	21.5	112	21.3	113	21.4	116	21.7	119	21.9
		18	78.1	15.5	93.1	19.0	108	22.3	111	22.4	112	22.5	115	22.8	118	23.0
		20	78.1	15.8	93.1	20.2	108	23.4	109	23.5	110	23.6	113	23.9	116	24.1
		21	78.1	16.3	93.1	21.0	107	24.0	108	24.1	110	24.2	112	24.4	115	24.7
		23	78.1	17.4	93.1	22.5	105	25.1	107	25.2	108	25.3	111	25.6	114	25.8
		25	78.1	18.6	93.1	24.1	104	26.1	105	26.3	107	26.4	109	26.7	112	27.0
		27	78.1	19.9	93.1	25.8	102	27.2	104	27.4	105	27.5	108	27.8	111	28.1
		29	78.1	21.2	93.1	27.5	101	28.4	102	28.5	104	28.7	106	29.0	109	29.3
		31	78.1	22.6	93.1	29.1	99.2	29.5	101	29.6	102	29.8	105	30.1	108	30.4
		33	78.1	24.1	93.1	30.2	97.7	30.6	99.1	30.7	101	30.9	103	31.3	106	31.6
		35	78.1	25.7	93.1	31.3	96.2	31.7	97.6	31.9	99.0	32.1	101	32.4	102	32.8
		37	78.1	27.4	89.4	32.4	90.9	32.8	91.7	33.0	92.5	33.2	94.0	33.6	95.5	34.0
		39	78.1	29.1	82.6	33.6	84.1	34.0	84.8	34.2	85.6	34.4	87.1	34.8	88.6	35.2
120	960	10	72.1	13.1	86.0	16.1	99.9	19.1	107	20.6	114	21.5	119	20.7	121	19.9
		12	72.1	13.4	86.0	16.4	99.9	19.5	107	21.0	114	21.4	117	20.6	120	19.7
		14	72.1	13.6	86.0	16.7	99.9	19.8	107	21.4	113	21.3	116	20.4	118	20.6
		16	72.1	13.9	86.0	17.0	99.9	20.2	107	21.6	112	21.3	114	21.5	117	21.7
		18	72.1	14.2	86.0	17.3	99.9	20.9	107	22.3	110	22.4	113	22.6	115	22.8
		20	72.1	14.4	86.0	18.0	99.9	22.5	107	23.4	109	23.5	111	23.7	114	23.9
		21	72.1	14.6	86.0	18.7	99.9	23.3	107	23.9	108	24.0	110	24.3	113	24.5
		23	72.1	15.6	86.0	20.0	99.9	24.9	105	25.0	106	25.1	109	25.4	112	25.6
		25	72.1	16.6	86.0	21.4	99.9	26.0	104	26.1	105	26.2	107	26.5	110	26.7
		27	72.1	17.8	86.0	22.9	99.9	27.1	102	27.2	103	27.4	106	27.6	109	27.9
		29	72.1	18.9	86.0	24.4	99.2	28.2	101	28.3	102	28.5	104	28.7	107	29.0
		31	72.1	20.2	86.0	26.1	97.7	29.3	99.0	29.4	100	29.6	103	29.9	105	30.2
		33	72.1	21.5	86.0	27.8	96.2	30.4	97.5	30.5	98.8	30.7	101	31.0	104	31.3
		35	72.1	22.9	86.0	29.6	94.6	31.5	95.9	31.7	97.2	31.8	99.8	32.2	102	32.5
		37	72.1	24.4	86.0	31.6	90.9	32.6	91.7	32.8	92.5	33.0	94.0	33.3	95.5	33.7
		39	72.1	25.9	82.6	33.4	84.1	33.7	84.8	33.9	85.6	34.1	87.1	34.5	88.6	34.8
110	880	10	66.1	11.9	78.8	14.5	91.5	17.3	97.9	18.7	104	20.1	117	21.3	119	20.6
		12	66.1	12.1	78.8	14.8	91.5	17.6	97.9	19.0	104	20.4	115	21.2	118	20.4
		14	66.1	12.4	78.8	15.1	91.5	17.9	97.9	19.4	104	20.8	114	21.1	116	20.4
		16	66.1	12.6	78.8	15.4	91.5	18.3	97.9	19.8	104	21.2	112	21.4	115	21.5
		18	66.1	12.8	78.8	15.7	91.5	18.6	97.9	20.3	104	22.3	111	22.5	113	22.6
		20	66.1	13.1	78.8	16.0	91.5	19.7	97.9	21.8	104	23.4	109	23.6	112	23.7
		21	66.1	13.2	78.8	16.5	91.5	20.4	97.9	22.6	104	23.9	108	24.1	111	24.3
		23	66.1	13.8	78.8	17.6	91.5	21.9	97.9	24.2	104	25.0	107	25.2	109	25.4
		25	66.1	14.8	78.8	18.9	91.5	23.5	97.9	26.0	103	26.1	105	26.3	108	26.5
		27	66.1	15.8	78.8	20.2	91.5	25.1	97.9	27.1	102	27.2	104	27.4	106	27.7
		29	66.1	16.8	78.8	21.5	91.5	26.8	97.9	28.1	100	28.3	102	28.5	105	28.8
		31	66.1	17.9	78.8	22.9	91.5	28.6	97.3	29.2	98.5	29.4	101	29.7	103	29.9
		33	66.1	19.0	78.8	24.5	91.5	30.2	95.8	30.3	97.0	30.5	99.4	30.8	102	31.1
		35	66.1	20.3	78.8	26.1	91.5	31.3	94.3	31.5	95.5	31.6	97.9	31.9	100	32.2
		37	66.1	21.5	78.8	27.7	90.9	32.4	91.7	32.6	92.5	32.7	94.0	33.0	95.5	33.4
		39	66.1	22.9	78.8	29.5	84.1	33.5	84.8	33.7	85.6	33.9	87.1	34.2	88.6	34.5
100	800	10	60.1	10.8	71.6	13.1	83.2	15.5	89.0	16.7	94.8	18.0	106	20.5	117	21.3
		12	60.1	11.0	71.6	13.3	83.2	15.8	89.0	17.0	94.8	18.3	106	20.9	116	21.1
		14	60.1	11.1	71.6	13.5	83.2	16.1	89.0	17.3	94.8	18.7	106	21.3	114	21.0
		16	60.1	11.4	71.6	13.8	83.2	16.4	89.0	17.7	94.8	19.0	106	21.6	112	21.4
		18	60.1	11.6	71.6	14.1	83.2	16.7	89.0	18.0	94.8	19.4	106	22.3	111	22.5
		20	60.1	11.8	71.6	14.3	83.2	17.2	89.0	18.9	94.8	20.8	106	23.4	109	23.6
		21	60.1	11.9	71.6	14.5	83.2	17.8	89.0	19.6	94.8	21.5	106	23.9	109	24.1
		23	60.1	12.2	71.6	15.4	83.2	19.1	89.0	21.0	94.8	23.1	105	25.0	107	25.2
		25	60.1	13.0	71.6	16.5	83.2	20.4	89.0	22.5	94.8	24.7	103	26.1	106	26.3
		27	60.1	13.9	71.6	17.6	83.2	21.8	89.0	24.1	94.8	26.5	102	27.2	104	27.4
		29	60.1	14.8	71.6	18.8	83.2	23.3	89.0	25.7	94.8	28.1	100	28.3	103	28.6
		31	60.1	15.7	71.6	20.0	83.2	24.8	89.0	27.5	94.8	29.2	98.9	29.4	101	29.7
		33	60.1	16.7	71.6	21.3	83.2	26.5	89.0	29.3	94.8	30.3	97.4	30.5	99.6	30.8
		35	60.1	17.8	71.6	22.7	83.2	28.2	89.0	31.2	93.7	31.4	95.9	31.7	98.0	31.9
		37	60.1	18.9	71.6	24.2	83.2	30.1	89.0	32.3	92.2	32.5	94.0	32.8	95.5	33.1
		39	60.1	20.1	71.6	25.7	83.2	32.0	84.8	33.4	85.6	33.6	87.1	33.9	88.6	34.2

3 Capacity tables

3-1 Cooling capacity

3-1-13 32HP

32HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	720	10	54.1	9.64	64.5	11.6	74.9	13.7	80.1	14.8	85.3	15.9	95.7	18.2	106	20.5
		12	54.1	9.80	64.5	11.8	74.9	14.0	80.1	15.1	85.3	16.2	95.7	18.5	106	20.9
		14	54.1	9.97	64.5	12.0	74.9	14.2	80.1	15.4	85.3	16.5	95.7	18.9	106	21.3
		16	54.1	10.1	64.5	12.3	74.9	14.5	80.1	15.7	85.3	16.8	95.7	19.2	106	21.6
		18	54.1	10.3	64.5	12.5	74.9	14.8	80.1	16.0	85.3	17.2	95.7	19.6	106	22.3
		20	54.1	10.5	64.5	12.7	74.9	15.1	80.1	16.3	85.3	17.8	95.7	21.1	106	23.4
		21	54.1	10.6	64.5	12.9	74.9	15.3	80.1	16.9	85.3	18.5	95.7	21.9	106	23.9
		23	54.1	10.8	64.5	13.4	74.9	16.4	80.1	18.1	85.3	19.8	95.7	23.4	105	25.0
		25	54.1	11.4	64.5	14.3	74.9	17.6	80.1	19.3	85.3	21.2	95.7	25.1	103	26.1
		27	54.1	12.1	64.5	15.3	74.9	18.7	80.1	20.6	85.3	22.6	95.7	26.8	102	27.2
		29	54.1	12.9	64.5	16.3	74.9	20.0	80.1	22.0	85.3	24.2	95.7	28.1	100	28.3
		31	54.1	13.7	64.5	17.3	74.9	21.3	80.1	23.5	85.3	25.8	95.7	29.2	98.9	29.4
		33	54.1	14.6	64.5	18.4	74.9	22.7	80.1	25.0	85.3	27.5	95.4	30.3	97.3	30.5
35	54.1	15.5	64.5	19.6	74.9	24.2	80.1	26.7	85.3	29.3	93.9	31.4	95.8	31.6		
37	54.1	16.4	64.5	20.8	74.9	25.8	80.1	28.4	85.3	31.2	92.4	32.5	94.3	32.8		
39	54.1	17.4	64.5	22.1	74.9	27.4	80.1	30.3	85.3	33.3	87.1	33.6	88.6	33.9		
80	640	10	48.1	8.55	57.3	10.2	66.6	12.0	71.2	13.0	75.8	13.9	85.1	15.9	94.3	17.9
		12	48.1	8.69	57.3	10.4	66.6	12.3	71.2	13.2	75.8	14.2	85.1	16.2	94.3	18.2
		14	48.1	8.84	57.3	10.6	66.6	12.5	71.2	13.4	75.8	14.4	85.1	16.5	94.3	18.6
		16	48.1	8.98	57.3	10.8	66.6	12.7	71.2	13.7	75.8	14.7	85.1	16.8	94.3	18.9
		18	48.1	9.14	57.3	11.0	66.6	12.9	71.2	14.0	75.8	15.0	85.1	17.1	94.3	19.3
		20	48.1	9.30	57.3	11.2	66.6	13.2	71.2	14.2	75.8	15.3	85.1	17.8	94.3	20.6
		21	48.1	9.39	57.3	11.3	66.6	13.3	71.2	14.4	75.8	15.6	85.1	18.4	94.3	21.4
		23	48.1	9.56	57.3	11.5	66.6	14.0	71.2	15.3	75.8	16.7	85.1	19.7	94.3	22.9
		25	48.1	9.87	57.3	12.3	66.6	14.9	71.2	16.4	75.8	17.9	85.1	21.1	94.3	24.6
		27	48.1	10.5	57.3	13.1	66.6	15.9	71.2	17.5	75.8	19.1	85.1	22.5	94.3	26.3
		29	48.1	11.2	57.3	13.9	66.6	17.0	71.2	18.6	75.8	20.4	85.1	24.1	94.3	28.1
		31	48.1	11.8	57.3	14.8	66.6	18.1	71.2	19.9	75.8	21.7	85.1	25.7	94.3	29.2
		33	48.1	12.6	57.3	15.7	66.6	19.2	71.2	21.1	75.8	23.1	85.1	27.4	94.3	30.3
35	48.1	13.3	57.3	16.7	66.6	20.5	71.2	22.5	75.8	24.6	85.1	29.2	93.6	31.4		
37	48.1	14.1	57.3	17.7	66.6	21.8	71.2	23.9	75.8	26.2	85.1	31.1	92.1	32.5		
39	48.1	15.0	57.3	18.8	66.6	23.1	71.2	25.5	75.8	27.9	85.1	33.1	88.6	33.6		
70	560	10	42.0	7.52	50.1	8.93	58.2	10.4	62.3	11.2	66.4	12.0	74.5	13.6	82.6	15.3
		12	42.0	7.64	50.1	9.07	58.2	10.6	62.3	11.4	66.4	12.2	74.5	13.9	82.6	15.6
		14	42.0	7.76	50.1	9.22	58.2	10.8	62.3	11.6	66.4	12.4	74.5	14.1	82.6	15.9
		16	42.0	7.88	50.1	9.38	58.2	11.0	62.3	11.8	66.4	12.7	74.5	14.4	82.6	16.2
		18	42.0	8.01	50.1	9.55	58.2	11.2	62.3	12.0	66.4	12.9	74.5	14.7	82.6	16.5
		20	42.0	8.14	50.1	9.72	58.2	11.4	62.3	12.3	66.4	13.2	74.5	15.0	82.6	17.0
		21	42.0	8.21	50.1	9.81	58.2	11.5	62.3	12.4	66.4	13.3	74.5	15.2	82.6	17.6
		23	42.0	8.36	50.1	9.99	58.2	11.7	62.3	12.8	66.4	13.9	74.5	16.3	82.6	18.9
		25	42.0	8.51	50.1	10.4	58.2	12.5	62.3	13.7	66.4	14.9	74.5	17.4	82.6	20.2
		27	42.0	8.99	50.1	11.1	58.2	13.3	62.3	14.6	66.4	15.9	74.5	18.6	82.6	21.6
		29	42.0	9.54	50.1	11.8	58.2	14.2	62.3	15.5	66.4	16.9	74.5	19.8	82.6	23.0
		31	42.0	10.1	50.1	12.5	58.2	15.1	62.3	16.5	66.4	18.0	74.5	21.1	82.6	24.6
		33	42.0	10.7	50.1	13.3	58.2	16.1	62.3	17.6	66.4	19.2	74.5	22.5	82.6	26.2
35	42.0	11.4	50.1	14.1	58.2	17.1	62.3	18.7	66.4	20.4	74.5	24.0	82.6	27.9		
37	42.0	12.0	50.1	14.9	58.2	18.1	62.3	19.9	66.4	21.7	74.5	25.5	82.6	29.7		
39	42.0	12.7	50.1	15.8	58.2	19.2	62.3	21.1	66.4	23.0	74.5	27.2	82.6	31.7		
60	480	10	36.0	6.54	43.0	7.68	49.9	8.89	53.4	9.52	56.9	10.2	63.8	11.5	70.8	12.9
		12	36.0	6.64	43.0	7.80	49.9	9.03	53.4	9.68	56.9	10.3	63.8	11.7	70.8	13.1
		14	36.0	6.73	43.0	7.92	49.9	9.18	53.4	9.84	56.9	10.5	63.8	11.9	70.8	13.4
		16	36.0	6.83	43.0	8.05	49.9	9.34	53.4	10.0	56.9	10.7	63.8	12.1	70.8	13.6
		18	36.0	6.94	43.0	8.18	49.9	9.50	53.4	10.2	56.9	10.9	63.8	12.4	70.8	13.9
		20	36.0	7.05	43.0	8.32	49.9	9.68	53.4	10.4	56.9	11.1	63.8	12.6	70.8	14.1
		21	36.0	7.10	43.0	8.39	49.9	9.76	53.4	10.5	56.9	11.2	63.8	12.7	70.8	14.3
		23	36.0	7.22	43.0	8.54	49.9	9.95	53.4	10.7	56.9	11.4	63.8	13.2	70.8	15.2
		25	36.0	7.34	43.0	8.69	49.9	10.3	53.4	11.2	56.9	12.1	63.8	14.1	70.8	16.2
		27	36.0	7.61	43.0	9.22	49.9	11.0	53.4	11.9	56.9	12.9	63.8	15.0	70.8	17.3
		29	36.0	8.06	43.0	9.78	49.9	11.7	53.4	12.7	56.9	13.8	63.8	16.0	70.8	18.5
		31	36.0	8.53	43.0	10.4	49.9	12.4	53.4	13.5	56.9	14.6	63.8	17.1	70.8	19.7
		33	36.0	9.03	43.0	11.0	49.9	13.2	53.4	14.3	56.9	15.6	63.8	18.2	70.8	21.0
35	36.0	9.55	43.0	11.7	49.9	14.0	53.4	15.2	56.9	16.5	63.8	19.3	70.8	22.3		
37	36.0	10.1	43.0	12.3	49.9	14.8	53.4	16.2	56.9	17.6	63.8	20.5	70.8	23.7		
39	36.0	10.7	43.0	13.1	49.9	15.7	53.4	17.1	56.9	18.6	63.8	21.8	70.8	25.2		

3 Capacity tables

3-1 Cooling capacity

3-1-13 32HP

32HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW		kW		kW		kW		kW		kW		kW		
50	400	10	30.0	5.62	35.8	6.51	41.6	7.45	44.5	7.94	47.4	8.44	53.2	9.48	59.0	10.6
		12	30.0	5.70	35.8	6.60	41.6	7.56	44.5	8.06	47.4	8.57	53.2	9.63	59.0	10.7
		14	30.0	5.77	35.8	6.70	41.6	7.68	44.5	8.19	47.4	8.71	53.2	9.80	59.0	10.9
		16	30.0	5.85	35.8	6.80	41.6	7.80	44.5	8.32	47.4	8.86	53.2	9.97	59.0	11.1
		18	30.0	5.93	35.8	6.90	41.6	7.93	44.5	8.46	47.4	9.01	53.2	10.1	59.0	11.3
		20	30.0	6.02	35.8	7.01	41.6	8.06	44.5	8.61	47.4	9.17	53.2	10.3	59.0	11.5
		21	30.0	6.06	35.8	7.06	41.6	8.13	44.5	8.68	47.4	9.25	53.2	10.4	59.0	11.7
		23	30.0	6.15	35.8	7.18	41.6	8.27	44.5	8.84	47.4	9.42	53.2	10.6	59.0	11.9
		25	30.0	6.24	35.8	7.30	41.6	8.42	44.5	9.02	47.4	9.71	53.2	11.2	59.0	12.7
		27	30.0	6.34	35.8	7.56	41.6	8.89	44.5	9.59	47.4	10.3	53.2	11.9	59.0	13.6
		29	30.0	6.71	35.8	8.01	41.6	9.43	44.5	10.2	47.4	11.0	53.2	12.6	59.0	14.4
		31	30.0	7.09	35.8	8.48	41.6	10.00	44.5	10.8	47.4	11.6	53.2	13.4	59.0	15.4
		33	30.0	7.49	35.8	8.97	41.6	10.6	44.5	11.5	47.4	12.4	53.2	14.3	59.0	16.3
		35	30.0	7.90	35.8	9.48	41.6	11.2	44.5	12.1	47.4	13.1	53.2	15.1	59.0	17.3
		37	30.0	8.33	35.8	10.0	41.6	11.9	44.5	12.9	47.4	13.9	53.2	16.1	59.0	18.4
		39	30.0	8.79	35.8	10.6	41.6	12.6	44.5	13.6	47.4	14.7	53.2	17.1	59.0	19.6

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3 Capacity tables

3-1 Cooling capacity

3-1-14 34HP

34HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	1,105	10	84.2	14.8	100	18.1	117	21.6	125	22.0	127	21.6	130	20.7	133	19.8
		12	84.2	15.1	100	18.5	117	22.0	124	21.9	126	21.5	129	20.5	132	20.2
		14	84.2	15.4	100	18.8	117	22.3	123	21.8	124	21.3	127	21.2	130	21.4
		16	84.2	15.7	100	19.2	117	22.2	121	22.0	122	22.1	125	22.3	128	22.5
		18	84.2	16.0	100	19.6	117	23.0	119	23.1	121	23.2	124	23.5	127	23.7
		20	84.2	16.3	100	20.9	116	24.1	118	24.3	119	24.4	122	24.6	125	24.9
		21	84.2	16.8	100	21.6	115	24.7	117	24.8	118	24.9	121	25.2	124	25.4
		23	84.2	17.9	100	23.2	114	25.8	115	26.0	117	26.1	120	26.3	123	26.6
		25	84.2	19.2	100	24.8	112	27.0	113	27.1	115	27.2	118	27.5	121	27.8
		27	84.2	20.5	100	26.6	110	28.1	112	28.2	113	28.4	116	28.7	119	29.0
		29	84.2	21.9	100	28.4	109	29.2	110	29.4	112	29.5	115	29.9	118	30.2
		31	84.2	23.3	100	30.0	107	30.4	109	30.5	110	30.7	113	31.0	116	31.4
		33	84.2	24.9	100	31.2	105	31.5	107	31.7	108	31.9	111	32.2	115	32.6
		35	84.2	26.5	100	32.3	104	32.7	105	32.9	107	33.0	110	33.4	113	33.8
37	84.2	28.2	99.1	33.4	102	33.8	104	34.0	105	34.2	108	34.6	111	35.0		
39	84.2	30.0	97.5	34.6	100	35.0	102	35.2	104	35.4	107	35.8	110	36.2		
120	1,020	10	77.7	13.5	92.7	16.5	108	19.7	115	21.3	123	22.2	128	21.3	131	20.5
		12	77.7	13.8	92.7	16.9	108	20.0	115	21.7	123	22.0	127	21.2	129	20.3
		14	77.7	14.1	92.7	17.2	108	20.4	115	22.1	122	21.9	125	21.1	128	21.2
		16	77.7	14.3	92.7	17.5	108	20.8	115	22.2	120	22.0	123	22.2	126	22.4
		18	77.7	14.6	92.7	17.9	108	21.5	115	23.0	119	23.1	122	23.3	124	23.5
		20	77.7	14.9	92.7	18.6	108	23.2	115	24.1	117	24.2	120	24.4	123	24.7
		21	77.7	15.0	92.7	19.2	108	24.0	115	24.7	116	24.8	119	25.0	122	25.2
		23	77.7	16.1	92.7	20.6	108	25.7	113	25.8	115	25.9	118	26.2	120	26.4
		25	77.7	17.2	92.7	22.0	108	26.8	112	26.9	113	27.1	116	27.3	119	27.6
		27	77.7	18.3	92.7	23.6	108	27.9	110	28.1	111	28.2	114	28.5	117	28.7
		29	77.7	19.5	92.7	25.2	107	29.1	108	29.2	110	29.3	113	29.6	115	29.9
		31	77.7	20.8	92.7	26.9	105	30.2	107	30.3	108	30.5	111	30.8	114	31.1
		33	77.7	22.2	92.7	28.7	104	31.3	105	31.5	107	31.6	109	32.0	112	32.3
		35	77.7	23.6	92.7	30.6	102	32.5	103	32.6	105	32.8	108	33.2	111	33.5
37	77.7	25.1	92.7	32.6	100	33.6	102	33.8	103	34.0	106	34.3	109	34.7		
39	77.7	26.7	92.7	34.4	98.8	34.8	100	35.0	102	35.1	104	35.5	107	35.9		
110	935	10	71.3	12.3	85.0	15.0	98.7	17.8	106	19.2	112	20.7	126	22.0	129	21.2
		12	71.3	12.5	85.0	15.3	98.7	18.1	106	19.6	112	21.1	124	21.9	127	21.1
		14	71.3	12.8	85.0	15.5	98.7	18.5	106	20.0	112	21.5	123	21.7	125	21.1
		16	71.3	13.0	85.0	15.8	98.7	18.8	106	20.4	112	21.9	121	22.0	124	22.2
		18	71.3	13.2	85.0	16.2	98.7	19.2	106	20.9	112	23.0	119	23.1	122	23.3
		20	71.3	13.5	85.0	16.5	98.7	20.3	106	22.5	112	24.1	118	24.3	120	24.5
		21	71.3	13.6	85.0	17.0	98.7	21.1	106	23.3	112	24.6	117	24.8	120	25.1
		23	71.3	14.3	85.0	18.2	98.7	22.6	106	25.0	112	25.8	115	26.0	118	26.2
		25	71.3	15.2	85.0	19.4	98.7	24.2	106	26.8	111	26.9	114	27.1	116	27.4
		27	71.3	16.2	85.0	20.8	98.7	25.9	106	27.9	110	28.0	112	28.3	115	28.5
		29	71.3	17.3	85.0	22.2	98.7	27.6	106	29.0	108	29.1	110	29.4	113	29.7
		31	71.3	18.4	85.0	23.6	98.7	29.5	105	30.1	106	30.3	109	30.6	111	30.8
		33	71.3	19.6	85.0	25.2	98.7	31.1	103	31.3	105	31.4	107	31.7	110	32.0
		35	71.3	20.9	85.0	26.9	98.7	32.3	102	32.4	103	32.6	106	32.9	108	33.2
37	71.3	22.2	85.0	28.6	98.7	33.4	100	33.6	101	33.7	104	34.1	106	34.4		
39	71.3	23.6	85.0	30.5	97.1	34.5	98.4	34.7	99.7	34.9	102	35.2	105	35.6		
100	850	10	64.8	11.1	77.3	13.5	89.8	15.9	96.0	17.2	102	18.5	115	21.2	126	21.9
		12	64.8	11.3	77.3	13.7	89.8	16.2	96.0	17.5	102	18.9	115	21.6	125	21.8
		14	64.8	11.5	77.3	14.0	89.8	16.5	96.0	17.9	102	19.2	115	22.0	123	21.7
		16	64.8	11.7	77.3	14.2	89.8	16.9	96.0	18.2	102	19.6	115	22.3	121	22.0
		18	64.8	11.9	77.3	14.5	89.8	17.2	96.0	18.6	102	20.0	115	23.0	120	23.2
		20	64.8	12.1	77.3	14.8	89.8	17.7	96.0	19.5	102	21.4	115	24.1	118	24.3
		21	64.8	12.3	77.3	14.9	89.8	18.3	96.0	20.2	102	22.2	115	24.7	117	24.9
		23	64.8	12.6	77.3	15.9	89.8	19.7	96.0	21.7	102	23.8	113	25.8	116	26.0
		25	64.8	13.4	77.3	17.0	89.8	21.0	96.0	23.2	102	25.5	112	26.9	114	27.1
		27	64.8	14.3	77.3	18.2	89.8	22.5	96.0	24.8	102	27.3	110	28.1	112	28.3
		29	64.8	15.2	77.3	19.4	89.8	24.0	96.0	26.5	102	28.9	108	29.2	111	29.4
		31	64.8	16.2	77.3	20.6	89.8	25.6	96.0	28.3	102	30.1	107	30.3	109	30.6
		33	64.8	17.2	77.3	22.0	89.8	27.3	96.0	30.2	102	31.2	105	31.5	107	31.7
		35	64.8	18.3	77.3	23.4	89.8	29.1	96.0	32.2	101	32.3	103	32.6	106	32.9
37	64.8	19.5	77.3	24.9	89.8	31.0	96.0	33.3	99.4	33.5	102	33.8	104	34.1		
39	64.8	20.7	77.3	26.5	89.8	33.0	96.0	34.5	97.8	34.6	100	34.9	102	35.3		

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-14 34HP

34HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW		kW		kW		kW		kW		kW		kW	
90	765	10	58.3	9.93	69.5	12.0	80.8	14.1	86.4	15.3	92.0	16.4	103	18.7	114	21.1
		12	58.3	10.1	69.5	12.2	80.8	14.4	86.4	15.5	92.0	16.7	103	19.1	114	21.5
		14	58.3	10.3	69.5	12.4	80.8	14.7	86.4	15.8	92.0	17.0	103	19.5	114	21.9
		16	58.3	10.5	69.5	12.6	80.8	15.0	86.4	16.1	92.0	17.4	103	19.8	114	22.3
		18	58.3	10.6	69.5	12.9	80.8	15.2	86.4	16.5	92.0	17.7	103	20.2	114	23.0
		20	58.3	10.8	69.5	13.1	80.8	15.5	86.4	16.8	92.0	18.4	103	21.7	114	24.1
		21	58.3	10.9	69.5	13.3	80.8	15.8	86.4	17.4	92.0	19.0	103	22.5	114	24.7
		23	58.3	11.1	69.5	13.8	80.8	16.9	86.4	18.6	92.0	20.4	103	24.2	113	25.8
		25	58.3	11.7	69.5	14.7	80.8	18.1	86.4	19.9	92.0	21.8	103	25.9	112	26.9
		27	58.3	12.5	69.5	15.7	80.8	19.3	86.4	21.3	92.0	23.3	103	27.7	110	28.0
		29	58.3	13.3	69.5	16.8	80.8	20.6	86.4	22.7	92.0	24.9	103	29.0	108	29.2
		31	58.3	14.1	69.5	17.8	80.8	22.0	86.4	24.2	92.0	26.6	103	30.1	107	30.3
		33	58.3	15.0	69.5	19.0	80.8	23.4	86.4	25.8	92.0	28.3	103	31.2	105	31.5
		35	58.3	15.9	69.5	20.2	80.8	24.9	86.4	27.5	92.0	30.2	101	32.4	103	32.6
37	58.3	16.9	69.5	21.5	80.8	26.5	86.4	29.3	92.0	32.2	99.6	33.5	102	33.8		
39	58.3	18.0	69.5	22.8	80.8	28.3	86.4	31.2	92.0	34.3	98.0	34.7	100	34.9		
80	680	10	51.8	8.82	61.8	10.6	71.8	12.4	76.8	13.4	81.8	14.3	91.8	16.4	102	18.4
		12	51.8	8.96	61.8	10.7	71.8	12.6	76.8	13.6	81.8	14.6	91.8	16.7	102	18.8
		14	51.8	9.11	61.8	10.9	71.8	12.9	76.8	13.9	81.8	14.9	91.8	17.0	102	19.1
		16	51.8	9.26	61.8	11.1	71.8	13.1	76.8	14.1	81.8	15.2	91.8	17.3	102	19.5
		18	51.8	9.42	61.8	11.3	71.8	13.3	76.8	14.4	81.8	15.5	91.8	17.7	102	19.9
		20	51.8	9.59	61.8	11.5	71.8	13.6	76.8	14.7	81.8	15.8	91.8	18.3	102	21.3
		21	51.8	9.67	61.8	11.6	71.8	13.7	76.8	14.8	81.8	16.1	91.8	18.9	102	22.0
		23	51.8	9.85	61.8	11.9	71.8	14.4	76.8	15.8	81.8	17.2	91.8	20.3	102	23.6
		25	51.8	10.2	61.8	12.6	71.8	15.4	76.8	16.9	81.8	18.4	91.8	21.7	102	25.3
		27	51.8	10.8	61.8	13.5	71.8	16.4	76.8	18.0	81.8	19.7	91.8	23.2	102	27.1
		29	51.8	11.5	61.8	14.3	71.8	17.5	76.8	19.2	81.8	21.0	91.8	24.8	102	28.9
		31	51.8	12.2	61.8	15.2	71.8	18.6	76.8	20.5	81.8	22.4	91.8	26.5	102	30.1
		33	51.8	13.0	61.8	16.2	71.8	19.8	76.8	21.8	81.8	23.8	91.8	28.2	102	31.2
		35	51.8	13.7	61.8	17.2	71.8	21.1	76.8	23.2	81.8	25.4	91.8	30.1	101	32.3
37	51.8	14.6	61.8	18.3	71.8	22.4	76.8	24.7	81.8	27.0	91.8	32.1	99.3	33.5		
39	51.8	15.4	61.8	19.4	71.8	23.9	76.8	26.3	81.8	28.8	91.8	34.2	97.7	34.6		
70	595	10	45.4	7.75	54.1	9.20	62.8	10.7	67.2	11.5	71.6	12.4	80.3	14.0	89.0	15.8
		12	45.4	7.87	54.1	9.35	62.8	10.9	67.2	11.7	71.6	12.6	80.3	14.3	89.0	16.1
		14	45.4	7.99	54.1	9.51	62.8	11.1	67.2	12.0	71.6	12.8	80.3	14.6	89.0	16.4
		16	45.4	8.12	54.1	9.67	62.8	11.3	67.2	12.2	71.6	13.0	80.3	14.9	89.0	16.7
		18	45.4	8.25	54.1	9.84	62.8	11.5	67.2	12.4	71.6	13.3	80.3	15.1	89.0	17.0
		20	45.4	8.39	54.1	10.0	62.8	11.7	67.2	12.6	71.6	13.6	80.3	15.4	89.0	17.5
		21	45.4	8.47	54.1	10.1	62.8	11.9	67.2	12.8	71.6	13.7	80.3	15.7	89.0	18.1
		23	45.4	8.61	54.1	10.3	62.8	12.1	67.2	13.2	71.6	14.3	80.3	16.8	89.0	19.4
		25	45.4	8.77	54.1	10.7	62.8	12.9	67.2	14.1	71.6	15.3	80.3	17.9	89.0	20.8
		27	45.4	9.27	54.1	11.4	62.8	13.8	67.2	15.0	71.6	16.3	80.3	19.2	89.0	22.2
		29	45.4	9.83	54.1	12.1	62.8	14.6	67.2	16.0	71.6	17.4	80.3	20.4	89.0	23.7
		31	45.4	10.4	54.1	12.9	62.8	15.6	67.2	17.0	71.6	18.6	80.3	21.8	89.0	25.3
		33	45.4	11.1	54.1	13.7	62.8	16.6	67.2	18.1	71.6	19.7	80.3	23.2	89.0	27.0
		35	45.4	11.7	54.1	14.5	62.8	17.6	67.2	19.3	71.6	21.0	80.3	24.7	89.0	28.8
37	45.4	12.4	54.1	15.4	62.8	18.7	67.2	20.5	71.6	22.3	80.3	26.3	89.0	30.6		
39	45.4	13.1	54.1	16.3	62.8	19.8	67.2	21.7	71.6	23.7	80.3	28.0	89.0	32.6		
60	510	10	38.9	6.74	46.4	7.91	53.9	9.16	57.6	9.81	61.3	10.5	68.8	11.8	76.3	13.3
		12	38.9	6.84	46.4	8.04	53.9	9.31	57.6	9.97	61.3	10.7	68.8	12.1	76.3	13.5
		14	38.9	6.94	46.4	8.16	53.9	9.47	57.6	10.1	61.3	10.8	68.8	12.3	76.3	13.8
		16	38.9	7.04	46.4	8.30	53.9	9.63	57.6	10.3	61.3	11.0	68.8	12.5	76.3	14.0
		18	38.9	7.15	46.4	8.43	53.9	9.80	57.6	10.5	61.3	11.2	68.8	12.7	76.3	14.3
		20	38.9	7.26	46.4	8.58	53.9	9.97	57.6	10.7	61.3	11.4	68.8	13.0	76.3	14.6
		21	38.9	7.32	46.4	8.65	53.9	10.1	57.6	10.8	61.3	11.6	68.8	13.1	76.3	14.7
		23	38.9	7.44	46.4	8.80	53.9	10.3	57.6	11.0	61.3	11.8	68.8	13.6	76.3	15.7
		25	38.9	7.56	46.4	8.96	53.9	10.7	57.6	11.6	61.3	12.5	68.8	14.5	76.3	16.7
		27	38.9	7.84	46.4	9.50	53.9	11.3	57.6	12.3	61.3	13.3	68.8	15.5	76.3	17.8
		29	38.9	8.31	46.4	10.1	53.9	12.0	57.6	13.1	61.3	14.2	68.8	16.5	76.3	19.0
		31	38.9	8.79	46.4	10.7	53.9	12.8	57.6	13.9	61.3	15.1	68.8	17.6	76.3	20.3
		33	38.9	9.30	46.4	11.3	53.9	13.6	57.6	14.8	61.3	16.0	68.8	18.7	76.3	21.6
		35	38.9	9.84	46.4	12.0	53.9	14.4	57.6	15.7	61.3	17.0	68.8	19.9	76.3	23.0
37	38.9	10.4	46.4	12.7	53.9	15.3	57.6	16.7	61.3	18.1	68.8	21.2	76.3	24.5		
39	38.9	11.0	46.4	13.5	53.9	16.2	57.6	17.7	61.3	19.2	68.8	22.5	76.3	26.0		

3 Capacity tables

3-1 Cooling capacity

3-1-14 34HP

34HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50	425	10	32.4	5.80	38.6	6.71	44.9	7.68	48.0	8.18	51.1	8.70	57.4	9.77	63.6	10.9
		12	32.4	5.87	38.6	6.80	44.9	7.79	48.0	8.31	51.1	8.84	57.4	9.93	63.6	11.1
		14	32.4	5.95	38.6	6.90	44.9	7.91	48.0	8.44	51.1	8.98	57.4	10.1	63.6	11.3
		16	32.4	6.03	38.6	7.00	44.9	8.04	48.0	8.58	51.1	9.13	57.4	10.3	63.6	11.5
		18	32.4	6.11	38.6	7.11	44.9	8.17	48.0	8.72	51.1	9.29	57.4	10.5	63.6	11.7
		20	32.4	6.20	38.6	7.22	44.9	8.31	48.0	8.87	51.1	9.45	57.4	10.7	63.6	11.9
		21	32.4	6.25	38.6	7.28	44.9	8.38	48.0	8.95	51.1	9.54	57.4	10.8	63.6	12.0
		23	32.4	6.34	38.6	7.40	44.9	8.53	48.0	9.11	51.1	9.71	57.4	11.0	63.6	12.3
		25	32.4	6.44	38.6	7.52	44.9	8.68	48.0	9.30	51.1	10.0	57.4	11.5	63.6	13.1
		27	32.4	6.54	38.6	7.79	44.9	9.16	48.0	9.89	51.1	10.6	57.4	12.2	63.6	14.0
		29	32.4	6.92	38.6	8.25	44.9	9.72	48.0	10.5	51.1	11.3	57.4	13.0	63.6	14.9
		31	32.4	7.31	38.6	8.74	44.9	10.3	48.0	11.1	51.1	12.0	57.4	13.8	63.6	15.8
		33	32.4	7.72	38.6	9.24	44.9	10.9	48.0	11.8	51.1	12.7	57.4	14.7	63.6	16.8
		35	32.4	8.15	38.6	9.77	44.9	11.6	48.0	12.5	51.1	13.5	57.4	15.6	63.6	17.9
37	32.4	8.59	38.6	10.3	44.9	12.2	48.0	13.3	51.1	14.3	57.4	16.6	63.6	19.0		
39	32.4	9.06	38.6	10.9	44.9	12.9	48.0	14.0	51.1	15.2	57.4	17.6	63.6	20.2		

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3 Capacity tables

3-1 Cooling capacity

3-1-15 36HP

36HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	1,170	10	88.2	15.5	105	18.9	122	22.5	131	23.0	133	22.5	136	21.6	140	20.6
		12	88.2	15.8	105	19.3	122	23.0	130	22.9	132	22.4	135	21.5	138	21.1
		14	88.2	16.1	105	19.7	122	23.3	128	22.8	130	22.3	133	22.1	136	22.3
		16	88.2	16.4	105	20.1	122	23.1	127	23.0	128	23.1	131	23.3	134	23.5
		18	88.2	16.7	105	20.5	122	24.0	125	24.1	126	24.3	130	24.5	133	24.7
		20	88.2	17.0	105	21.8	122	25.2	123	25.3	125	25.4	128	25.7	131	26.0
		21	88.2	17.5	105	22.6	121	25.8	122	25.9	124	26.0	127	26.3	130	26.6
		23	88.2	18.7	105	24.2	119	27.0	121	27.1	122	27.2	125	27.5	128	27.8
		25	88.2	20.0	105	25.9	117	28.1	119	28.3	120	28.4	124	28.7	127	29.0
		27	88.2	21.4	105	27.7	116	29.3	117	29.5	119	29.6	122	29.9	125	30.3
		29	88.2	22.8	105	29.6	114	30.5	115	30.7	117	30.8	120	31.2	123	31.5
		31	88.2	24.4	105	31.4	112	31.7	114	31.9	115	32.1	118	32.4	122	32.7
		33	88.2	26.0	105	32.5	110	32.9	112	33.1	114	33.3	117	33.6	120	34.0
		35	88.2	27.7	105	33.7	109	34.1	110	34.3	112	34.5	115	34.9	118	35.3
		37	88.2	29.5	104	34.9	107	35.3	109	35.5	110	35.7	113	36.1	116	36.5
		39	88.2	31.4	102	36.1	105	36.5	106	36.8	106	37.0	108	37.4	110	37.8
		120	1,080	10	81.4	14.1	97.1	17.3	113	20.5	121	22.2	128	23.1	134	22.3
12	81.4			14.4	97.1	17.6	113	20.9	121	22.6	128	23.0	132	22.1	135	21.2
14	81.4			14.7	97.1	17.9	113	21.3	121	23.1	128	22.9	131	22.0	134	22.2
16	81.4			14.9	97.1	18.3	113	21.7	121	23.2	126	22.9	129	23.1	132	23.4
18	81.4			15.2	97.1	18.6	113	22.5	121	24.0	124	24.1	127	24.3	130	24.6
20	81.4			15.5	97.1	19.4	113	24.2	121	25.2	123	25.3	126	25.5	129	25.8
21	81.4			15.7	97.1	20.1	113	25.1	120	25.8	122	25.9	125	26.1	128	26.4
23	81.4			16.8	97.1	21.5	113	26.8	119	26.9	120	27.1	123	27.3	126	27.6
25	81.4			17.9	97.1	23.0	113	28.0	117	28.1	118	28.2	121	28.5	124	28.8
27	81.4			19.1	97.1	24.6	113	29.2	115	29.3	117	29.4	120	29.7	123	30.0
29	81.4			20.4	97.1	26.3	112	30.3	113	30.5	115	30.6	118	30.9	121	31.2
31	81.4			21.7	97.1	28.1	110	31.5	112	31.7	113	31.8	116	32.2	119	32.5
33	81.4			23.1	97.1	29.9	109	32.7	110	32.9	112	33.0	114	33.4	117	33.7
35	81.4			24.6	97.1	31.9	107	33.9	108	34.1	110	34.3	113	34.6	116	35.0
37	81.4			26.2	97.1	34.0	105	35.1	107	35.3	108	35.5	111	35.9	114	36.2
39	81.4			27.9	97.1	35.9	103	36.3	105	36.5	106	36.7	108	37.1	110	37.5
110	990			10	74.6	12.8	89.0	15.6	103	18.6	111	20.1	118	21.6	132	22.9
		12	74.6	13.1	89.0	15.9	103	18.9	111	20.5	118	22.0	130	22.8	133	22.0
		14	74.6	13.3	89.0	16.2	103	19.3	111	20.9	118	22.4	129	22.7	131	22.0
		16	74.6	13.6	89.0	16.5	103	19.7	111	21.3	118	22.9	127	23.0	129	23.2
		18	74.6	13.8	89.0	16.9	103	20.1	111	21.8	118	24.0	125	24.2	128	24.4
		20	74.6	14.1	89.0	17.2	103	21.2	111	23.5	118	25.1	123	25.3	126	25.6
		21	74.6	14.2	89.0	17.7	103	22.0	111	24.3	118	25.7	123	25.9	125	26.2
		23	74.6	14.9	89.0	19.0	103	23.6	111	26.1	118	26.9	121	27.1	123	27.4
		25	74.6	15.9	89.0	20.3	103	25.3	111	27.9	116	28.1	119	28.3	122	28.6
		27	74.6	17.0	89.0	21.7	103	27.0	111	29.1	115	29.2	117	29.5	120	29.8
		29	74.6	18.1	89.0	23.2	103	28.9	111	30.3	113	30.4	116	30.7	118	31.0
		31	74.6	19.3	89.0	24.7	103	30.8	110	31.5	111	31.6	114	31.9	117	32.2
		33	74.6	20.5	89.0	26.3	103	32.5	108	32.7	110	32.8	112	33.1	115	33.4
		35	74.6	21.8	89.0	28.0	103	33.7	106	33.8	108	34.0	111	34.3	113	34.7
		37	74.6	23.2	89.0	29.9	103	34.9	105	35.0	106	35.2	109	35.6	111	35.9
		39	74.6	24.6	89.0	31.8	102	36.1	103	36.2	104	36.4	107	36.8	110	37.2
		100	900	10	67.8	11.6	80.9	14.0	94.0	16.6	101	18.0	107	19.3	120	22.1
12	67.8			11.8	80.9	14.3	94.0	17.0	101	18.3	107	19.7	120	22.5	130	22.8
14	67.8			12.0	80.9	14.6	94.0	17.3	101	18.7	107	20.1	120	23.0	129	22.6
16	67.8			12.2	80.9	14.8	94.0	17.6	101	19.0	107	20.5	120	23.3	127	23.0
18	67.8			12.4	80.9	15.1	94.0	18.0	101	19.4	107	20.9	120	24.0	125	24.2
20	67.8			12.7	80.9	15.4	94.0	18.5	101	20.4	107	22.4	120	25.2	124	25.4
21	67.8			12.8	80.9	15.6	94.0	19.2	101	21.1	107	23.2	120	25.8	123	26.0
23	67.8			13.1	80.9	16.6	94.0	20.5	101	22.6	107	24.8	119	26.9	121	27.1
25	67.8			14.0	80.9	17.8	94.0	22.0	101	24.2	107	26.6	117	28.1	119	28.3
27	67.8			14.9	80.9	19.0	94.0	23.5	101	25.9	107	28.5	115	29.3	118	29.5
29	67.8			15.9	80.9	20.2	94.0	25.1	101	27.7	107	30.2	113	30.5	116	30.7
31	67.8			16.9	80.9	21.5	94.0	26.7	101	29.5	107	31.4	112	31.7	114	31.9
33	67.8			18.0	80.9	22.9	94.0	28.5	101	31.5	107	32.6	110	32.9	112	33.1
35	67.8			19.1	80.9	24.4	94.0	30.4	101	33.6	106	33.8	108	34.1	111	34.4
37	67.8			20.3	80.9	26.0	94.0	32.4	101	34.8	104	35.0	107	35.3	109	35.6
39	67.8			21.6	80.9	27.7	94.0	34.5	101	36.0	102	36.2	105	36.5	107	36.8

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-15 36HP

36HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	810	10	61.0	10.4	72.8	12.5	84.6	14.8	90.5	15.9	96.3	17.1	108	19.6	120	22.1
		12	61.0	10.5	72.8	12.7	84.6	15.0	90.5	16.2	96.3	17.4	108	19.9	120	22.5
		14	61.0	10.7	72.8	13.0	84.6	15.3	90.5	16.5	96.3	17.8	108	20.3	120	22.9
		16	61.0	10.9	72.8	13.2	84.6	15.6	90.5	16.9	96.3	18.1	108	20.7	120	23.3
		18	61.0	11.1	72.8	13.4	84.6	15.9	90.5	17.2	96.3	18.5	108	21.1	120	24.0
		20	61.0	11.3	72.8	13.7	84.6	16.2	90.5	17.5	96.3	19.2	108	22.7	120	25.2
		21	61.0	11.4	72.8	13.8	84.6	16.5	90.5	18.1	96.3	19.9	108	23.5	120	25.8
		23	61.0	11.6	72.8	14.4	84.6	17.7	90.5	19.4	96.3	21.3	108	25.2	119	26.9
		25	61.0	12.3	72.8	15.4	84.6	18.9	90.5	20.8	96.3	22.8	108	27.0	117	28.1
		27	61.0	13.1	72.8	16.4	84.6	20.2	90.5	22.2	96.3	24.3	108	28.9	115	29.3
		29	61.0	13.9	72.8	17.5	84.6	21.5	90.5	23.7	96.3	26.0	108	30.2	113	30.5
		31	61.0	14.8	72.8	18.6	84.6	22.9	90.5	25.3	96.3	27.7	108	31.4	112	31.7
		33	61.0	15.7	72.8	19.8	84.6	24.5	90.5	27.0	96.3	29.6	108	32.6	110	32.9
		35	61.0	16.7	72.8	21.1	84.6	26.0	90.5	28.7	96.3	31.5	106	33.8	108	34.1
		37	61.0	17.7	72.8	22.4	84.6	27.7	90.5	30.6	96.3	33.6	104	35.0	106	35.3
		39	61.0	18.7	72.8	23.8	84.6	29.5	90.5	32.6	96.3	35.8	103	36.2	105	36.5
80	720	10	54.3	9.20	64.7	11.0	75.2	13.0	80.4	14.0	85.6	15.0	96.1	17.1	107	19.2
		12	54.3	9.35	64.7	11.2	75.2	13.2	80.4	14.2	85.6	15.3	96.1	17.4	107	19.6
		14	54.3	9.51	64.7	11.4	75.2	13.4	80.4	14.5	85.6	15.5	96.1	17.7	107	20.0
		16	54.3	9.67	64.7	11.6	75.2	13.7	80.4	14.7	85.6	15.8	96.1	18.1	107	20.4
		18	54.3	9.84	64.7	11.8	75.2	13.9	80.4	15.0	85.6	16.1	96.1	18.4	107	20.8
		20	54.3	10.0	64.7	12.0	75.2	14.2	80.4	15.3	85.6	16.5	96.1	19.1	107	22.2
		21	54.3	10.1	64.7	12.2	75.2	14.3	80.4	15.5	85.6	16.8	96.1	19.8	107	23.0
		23	54.3	10.3	64.7	12.4	75.2	15.0	80.4	16.5	85.6	18.0	96.1	21.2	107	24.7
		25	54.3	10.6	64.7	13.2	75.2	16.1	80.4	17.6	85.6	19.2	96.1	22.7	107	26.4
		27	54.3	11.3	64.7	14.1	75.2	17.1	80.4	18.8	85.6	20.5	96.1	24.2	107	28.3
		29	54.3	12.0	64.7	15.0	75.2	18.3	80.4	20.0	85.6	21.9	96.1	25.9	107	30.2
		31	54.3	12.7	64.7	15.9	75.2	19.5	80.4	21.4	85.6	23.4	96.1	27.6	107	31.4
		33	54.3	13.5	64.7	16.9	75.2	20.7	80.4	22.8	85.6	24.9	96.1	29.5	107	32.6
		35	54.3	14.3	64.7	18.0	75.2	22.0	80.4	24.2	85.6	26.5	96.1	31.4	106	33.8
		37	54.3	15.2	64.7	19.1	75.2	23.4	80.4	25.8	85.6	28.2	96.1	33.5	104	34.9
		39	54.3	16.1	64.7	20.3	75.2	24.9	80.4	27.4	85.6	30.0	96.1	35.7	102	36.1
70	630	10	47.5	8.09	56.6	9.61	65.8	11.2	70.4	12.0	74.9	12.9	84.1	14.7	93.2	16.5
		12	47.5	8.22	56.6	9.76	65.8	11.4	70.4	12.3	74.9	13.1	84.1	14.9	93.2	16.8
		14	47.5	8.35	56.6	9.93	65.8	11.6	70.4	12.5	74.9	13.4	84.1	15.2	93.2	17.1
		16	47.5	8.48	56.6	10.1	65.8	11.8	70.4	12.7	74.9	13.6	84.1	15.5	93.2	17.5
		18	47.5	8.62	56.6	10.3	65.8	12.0	70.4	12.9	74.9	13.9	84.1	15.8	93.2	17.8
		20	47.5	8.76	56.6	10.5	65.8	12.3	70.4	13.2	74.9	14.2	84.1	16.1	93.2	18.3
		21	47.5	8.84	56.6	10.6	65.8	12.4	70.4	13.3	74.9	14.3	84.1	16.4	93.2	18.9
		23	47.5	8.99	56.6	10.8	65.8	12.6	70.4	13.8	74.9	15.0	84.1	17.5	93.2	20.3
		25	47.5	9.15	56.6	11.2	65.8	13.5	70.4	14.7	74.9	16.0	84.1	18.7	93.2	21.7
		27	47.5	9.68	56.6	11.9	65.8	14.4	70.4	15.7	74.9	17.1	84.1	20.0	93.2	23.2
		29	47.5	10.3	56.6	12.6	65.8	15.3	70.4	16.7	74.9	18.2	84.1	21.3	93.2	24.8
		31	47.5	10.9	56.6	13.4	65.8	16.3	70.4	17.8	74.9	19.4	84.1	22.8	93.2	26.4
		33	47.5	11.5	56.6	14.3	65.8	17.3	70.4	18.9	74.9	20.6	84.1	24.2	93.2	28.2
		35	47.5	12.2	56.6	15.1	65.8	18.4	70.4	20.1	74.9	21.9	84.1	25.8	93.2	30.0
		37	47.5	12.9	56.6	16.0	65.8	19.5	70.4	21.4	74.9	23.3	84.1	27.5	93.2	32.0
		39	47.5	13.7	56.6	17.0	65.8	20.7	70.4	22.7	74.9	24.8	84.1	29.2	93.2	34.1
60	540	10	40.7	7.04	48.5	8.26	56.4	9.56	60.3	10.2	64.2	10.9	72.1	12.4	79.9	13.9
		12	40.7	7.14	48.5	8.39	56.4	9.72	60.3	10.4	64.2	11.1	72.1	12.6	79.9	14.1
		14	40.7	7.25	48.5	8.52	56.4	9.88	60.3	10.6	64.2	11.3	72.1	12.8	79.9	14.4
		16	40.7	7.35	48.5	8.66	56.4	10.1	60.3	10.8	64.2	11.5	72.1	13.1	79.9	14.6
		18	40.7	7.47	48.5	8.80	56.4	10.2	60.3	11.0	64.2	11.7	72.1	13.3	79.9	14.9
		20	40.7	7.58	48.5	8.95	56.4	10.4	60.3	11.2	64.2	11.9	72.1	13.6	79.9	15.2
		21	40.7	7.64	48.5	9.03	56.4	10.5	60.3	11.3	64.2	12.1	72.1	13.7	79.9	15.4
		23	40.7	7.77	48.5	9.19	56.4	10.7	60.3	11.5	64.2	12.3	72.1	14.2	79.9	16.3
		25	40.7	7.90	48.5	9.36	56.4	11.1	60.3	12.1	64.2	13.1	72.1	15.2	79.9	17.5
		27	40.7	8.19	48.5	9.92	56.4	11.8	60.3	12.9	64.2	13.9	72.1	16.2	79.9	18.6
		29	40.7	8.67	48.5	10.5	56.4	12.6	60.3	13.7	64.2	14.8	72.1	17.3	79.9	19.9
		31	40.7	9.18	48.5	11.2	56.4	13.4	60.3	14.5	64.2	15.8	72.1	18.4	79.9	21.2
		33	40.7	9.72	48.5	11.8	56.4	14.2	60.3	15.4	64.2	16.8	72.1	19.5	79.9	22.6
		35	40.7	10.3	48.5	12.5	56.4	15.0	60.3	16.4	64.2	17.8	72.1	20.8	79.9	24.0
		37	40.7	10.9	48.5	13.3	56.4	16.0	60.3	17.4	64.2	18.9	72.1	22.1	79.9	25.5
		39	40.7	11.5	48.5	14.1	56.4	16.9	60.3	18.5	64.2	20.1	72.1	23.5	79.9	27.2

3 Capacity tables

3-1 Cooling capacity

3-1-15 36HP

36HP		Indoor air temperature: °CWB														TC: Total capacity ; PI: Power input	
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0		
			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	kW
50	450	10	33.9	6.05	40.4	7.00	47.0	8.01	50.3	8.54	53.5	9.08	60.1	10.2	66.6	11.4	
		12	33.9	6.13	40.4	7.10	47.0	8.14	50.3	8.67	53.5	9.23	60.1	10.4	66.6	11.6	
		14	33.9	6.21	40.4	7.21	47.0	8.26	50.3	8.81	53.5	9.38	60.1	10.5	66.6	11.8	
		16	33.9	6.30	40.4	7.31	47.0	8.40	50.3	8.96	53.5	9.54	60.1	10.7	66.6	12.0	
		18	33.9	6.38	40.4	7.42	47.0	8.53	50.3	9.11	53.5	9.70	60.1	10.9	66.6	12.2	
		20	33.9	6.47	40.4	7.54	47.0	8.68	50.3	9.27	53.5	9.87	60.1	11.1	66.6	12.4	
		21	33.9	6.52	40.4	7.60	47.0	8.75	50.3	9.35	53.5	9.96	60.1	11.2	66.6	12.5	
		23	33.9	6.62	40.4	7.72	47.0	8.90	50.3	9.51	53.5	10.1	60.1	11.4	66.6	12.8	
		25	33.9	6.72	40.4	7.85	47.0	9.06	50.3	9.71	53.5	10.5	60.1	12.0	66.6	13.7	
		27	33.9	6.83	40.4	8.13	47.0	9.56	50.3	10.3	53.5	11.1	60.1	12.8	66.6	14.6	
		29	33.9	7.22	40.4	8.62	47.0	10.1	50.3	11.0	53.5	11.8	60.1	13.6	66.6	15.5	
		31	33.9	7.63	40.4	9.12	47.0	10.8	50.3	11.6	53.5	12.5	60.1	14.5	66.6	16.5	
		33	33.9	8.06	40.4	9.65	47.0	11.4	50.3	12.3	53.5	13.3	60.1	15.4	66.6	17.6	
		35	33.9	8.50	40.4	10.2	47.0	12.1	50.3	13.1	53.5	14.1	60.1	16.3	66.6	18.7	
		37	33.9	8.97	40.4	10.8	47.0	12.8	50.3	13.8	53.5	14.9	60.1	17.3	66.6	19.8	
		39	33.9	9.46	40.4	11.4	47.0	13.5	50.3	14.7	53.5	15.8	60.1	18.4	66.6	21.1	

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3 Capacity tables

3-1 Cooling capacity

3-1-16 38HP

38HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	1,235	10	93.0	16.2	111	19.8	129	23.6	138	24.1	141	23.6	144	22.6	147	21.6
		12	93.0	16.5	111	20.2	129	24.0	137	24.0	139	23.5	142	22.4	145	22.1
		14	93.0	16.8	111	20.6	129	24.3	135	23.8	137	23.3	140	23.1	144	23.3
		16	93.0	17.1	111	21.0	129	24.2	133	24.0	135	24.1	138	24.4	142	24.6
		18	93.0	17.5	111	21.4	129	25.1	132	25.3	133	25.4	137	25.6	140	25.9
		20	93.0	17.8	111	22.8	128	26.4	130	26.5	132	26.6	135	26.9	138	27.1
		21	93.0	18.3	111	23.6	127	27.0	129	27.1	131	27.2	134	27.5	137	27.8
		23	93.0	19.6	111	25.3	125	28.2	127	28.3	129	28.5	132	28.8	136	29.1
		25	93.0	21.0	111	27.1	124	29.4	125	29.6	127	29.7	130	30.0	134	30.4
		27	93.0	22.4	111	29.0	122	30.7	124	30.8	125	31.0	129	31.3	132	31.6
		29	93.0	23.9	111	31.0	120	31.9	122	32.1	123	32.3	127	32.6	130	32.9
		31	93.0	25.5	111	32.8	118	33.2	120	33.4	122	33.5	125	33.9	128	34.3
		33	93.0	27.2	111	34.0	116	34.4	118	34.6	120	34.8	123	35.2	126	35.6
		35	93.0	28.9	111	35.3	115	35.7	116	35.9	118	36.1	121	36.5	125	36.9
		37	93.0	30.8	109	36.5	113	37.0	114	37.2	116	37.4	119	37.8	121	38.2
		39	93.0	32.8	105	37.8	107	38.2	108	38.4	109	38.7	111	39.1	113	39.6
120	1,140	10	85.8	14.8	102	18.1	119	21.5	127	23.2	135	24.2	142	23.3	145	22.4
		12	85.8	15.1	102	18.4	119	21.9	127	23.7	135	24.1	140	23.2	143	22.2
		14	85.8	15.3	102	18.8	119	22.3	127	24.1	135	24.0	138	23.0	141	23.2
		16	85.8	15.6	102	19.1	119	22.8	127	24.3	133	24.0	136	24.2	139	24.4
		18	85.8	15.9	102	19.5	119	23.5	127	25.1	131	25.2	134	25.5	137	25.7
		20	85.8	16.3	102	20.3	119	25.3	127	26.3	129	26.5	132	26.7	136	26.9
		21	85.8	16.4	102	21.0	119	26.2	127	26.9	128	27.1	132	27.3	135	27.6
		23	85.8	17.5	102	22.5	119	28.0	125	28.2	127	28.3	130	28.6	133	28.8
		25	85.8	18.7	102	24.1	119	29.3	123	29.4	125	29.6	128	29.8	131	30.1
		27	85.8	20.0	102	25.7	119	30.5	122	30.6	123	30.8	126	31.1	129	31.4
		29	85.8	21.3	102	27.5	118	31.7	120	31.9	121	32.0	124	32.4	127	32.7
		31	85.8	22.7	102	29.4	116	33.0	118	33.1	119	33.3	123	33.6	126	34.0
		33	85.8	24.2	102	31.3	115	34.2	116	34.4	118	34.6	121	34.9	124	35.3
		35	85.8	25.8	102	33.4	113	35.5	114	35.6	116	35.8	119	36.2	122	36.6
		37	85.8	27.4	102	35.6	111	36.7	112	36.9	114	37.1	117	37.5	120	37.9
		39	85.8	29.2	102	37.6	107	38.0	108	38.2	109	38.4	111	38.8	113	39.2
110	1,045	10	78.7	13.4	93.9	16.4	109	19.4	117	21.0	124	22.6	139	24.0	142	23.2
		12	78.7	13.7	93.9	16.7	109	19.8	117	21.4	124	23.0	137	23.9	140	23.0
		14	78.7	13.9	93.9	17.0	109	20.2	117	21.8	124	23.5	136	23.7	138	23.0
		16	78.7	14.2	93.9	17.3	109	20.6	117	22.2	124	23.9	134	24.1	137	24.2
		18	78.7	14.5	93.9	17.6	109	21.0	117	22.8	124	25.1	132	25.3	135	25.5
		20	78.7	14.7	93.9	18.0	109	22.2	117	24.6	124	26.3	130	26.5	133	26.7
		21	78.7	14.9	93.9	18.5	109	23.0	117	25.4	124	26.9	129	27.1	132	27.4
		23	78.7	15.6	93.9	19.9	109	24.7	117	27.3	124	28.1	127	28.4	130	28.6
		25	78.7	16.6	93.9	21.2	109	26.4	117	29.2	123	29.4	126	29.6	128	29.9
		27	78.7	17.7	93.9	22.7	109	28.3	117	30.5	121	30.6	124	30.9	127	31.1
		29	78.7	18.9	93.9	24.2	109	30.2	117	31.7	119	31.8	122	32.1	125	32.4
		31	78.7	20.1	93.9	25.8	109	32.2	116	32.9	117	33.1	120	33.4	123	33.7
		33	78.7	21.4	93.9	27.5	109	34.0	114	34.2	116	34.3	118	34.6	121	35.0
		35	78.7	22.8	93.9	29.3	109	35.2	112	35.4	114	35.6	117	35.9	119	36.3
		37	78.7	24.3	93.9	31.2	109	36.5	110	36.7	112	36.8	115	37.2	118	37.6
		39	78.7	25.8	93.9	33.3	107	37.7	108	37.9	109	38.1	111	38.5	113	38.9
100	950	10	71.5	12.1	85.3	14.7	99.1	17.4	106	18.8	113	20.2	127	23.1	139	23.9
		12	71.5	12.3	85.3	15.0	99.1	17.7	106	19.2	113	20.6	127	23.6	138	23.8
		14	71.5	12.6	85.3	15.2	99.1	18.1	106	19.5	113	21.0	127	24.0	136	23.7
		16	71.5	12.8	85.3	15.5	99.1	18.4	106	19.9	113	21.4	127	24.3	134	24.1
		18	71.5	13.0	85.3	15.8	99.1	18.8	106	20.3	113	21.8	127	25.1	132	25.3
		20	71.5	13.3	85.3	16.1	99.1	19.4	106	21.3	113	23.4	127	26.3	130	26.5
		21	71.5	13.4	85.3	16.3	99.1	20.0	106	22.1	113	24.2	127	26.9	129	27.1
		23	71.5	13.7	85.3	17.4	99.1	21.5	106	23.7	113	26.0	125	28.2	128	28.4
		25	71.5	14.7	85.3	18.6	99.1	23.0	106	25.3	113	27.8	123	29.4	126	29.6
		27	71.5	15.6	85.3	19.8	99.1	24.5	106	27.1	113	29.8	121	30.6	124	30.9
		29	71.5	16.6	85.3	21.2	99.1	26.2	106	29.0	113	31.6	120	31.9	122	32.1
		31	71.5	17.7	85.3	22.5	99.1	28.0	106	30.9	113	32.8	118	33.1	120	33.4
		33	71.5	18.8	85.3	24.0	99.1	29.8	106	33.0	113	34.1	116	34.4	119	34.7
		35	71.5	20.0	85.3	25.6	99.1	31.8	106	35.2	112	35.3	114	35.6	117	35.9
		37	71.5	21.3	85.3	27.2	99.1	33.9	106	36.4	110	36.6	112	36.9	115	37.2
		39	71.5	22.6	85.3	28.9	99.1	36.1	106	37.7	108	37.8	111	38.2	113	38.5

3 Capacity tables

3-1 Cooling capacity

3-1-16 38HP

38HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	855	10	64.4	10.8	76.8	13.1	89.2	15.4	95.4	16.7	102	17.9	114	20.5	126	23.1
		12	64.4	11.0	76.8	13.3	89.2	15.7	95.4	17.0	102	18.3	114	20.9	126	23.5
		14	64.4	11.2	76.8	13.6	89.2	16.0	95.4	17.3	102	18.6	114	21.3	126	24.0
		16	64.4	11.4	76.8	13.8	89.2	16.3	95.4	17.6	102	19.0	114	21.7	126	24.3
		18	64.4	11.6	76.8	14.1	89.2	16.6	95.4	18.0	102	19.3	114	22.1	126	25.1
		20	64.4	11.8	76.8	14.3	89.2	17.0	95.4	18.3	102	20.1	114	23.7	126	26.3
		21	64.4	11.9	76.8	14.5	89.2	17.3	95.4	19.0	102	20.8	114	24.6	126	26.9
		23	64.4	12.2	76.8	15.1	89.2	18.5	95.4	20.3	102	22.3	114	26.4	125	28.2
		25	64.4	12.8	76.8	16.1	89.2	19.8	95.4	21.7	102	23.8	114	28.3	123	29.4
		27	64.4	13.7	76.8	17.2	89.2	21.1	95.4	23.2	102	25.5	114	30.2	121	30.6
		29	64.4	14.5	76.8	18.3	89.2	22.5	95.4	24.8	102	27.2	114	31.6	120	31.9
		31	64.4	15.4	76.8	19.5	89.2	24.0	95.4	26.5	102	29.0	114	32.9	118	33.1
		33	64.4	16.4	76.8	20.7	89.2	25.6	95.4	28.2	102	30.9	114	34.1	116	34.4
		35	64.4	17.4	76.8	22.0	89.2	27.2	95.4	30.0	102	33.0	112	35.4	114	35.6
37	64.4	18.5	76.8	23.4	89.2	29.0	95.4	32.0	102	35.2	110	36.6	112	36.9		
39	64.4	19.6	76.8	24.9	89.2	30.9	95.4	34.1	102	37.5	108	37.9	111	38.2		
80	760	10	57.2	9.63	68.3	11.5	79.3	13.5	84.8	14.6	90.3	15.7	101	17.9	112	20.1
		12	57.2	9.78	68.3	11.7	79.3	13.8	84.8	14.9	90.3	16.0	101	18.2	112	20.5
		14	57.2	9.95	68.3	11.9	79.3	14.0	84.8	15.1	90.3	16.3	101	18.5	112	20.9
		16	57.2	10.1	68.3	12.1	79.3	14.3	84.8	15.4	90.3	16.6	101	18.9	112	21.3
		18	57.2	10.3	68.3	12.4	79.3	14.6	84.8	15.7	90.3	16.9	101	19.3	112	21.7
		20	57.2	10.5	68.3	12.6	79.3	14.9	84.8	16.0	90.3	17.2	101	20.0	112	23.2
		21	57.2	10.6	68.3	12.7	79.3	15.0	84.8	16.2	90.3	17.6	101	20.7	112	24.1
		23	57.2	10.8	68.3	13.0	79.3	15.7	84.8	17.2	90.3	18.8	101	22.2	112	25.8
		25	57.2	11.1	68.3	13.8	79.3	16.8	84.8	18.4	90.3	20.1	101	23.7	112	27.6
		27	57.2	11.8	68.3	14.7	79.3	17.9	84.8	19.7	90.3	21.5	101	25.4	112	29.6
		29	57.2	12.6	68.3	15.7	79.3	19.1	84.8	21.0	90.3	22.9	101	27.1	112	31.6
		31	57.2	13.3	68.3	16.7	79.3	20.4	84.8	22.3	90.3	24.4	101	28.9	112	32.8
		33	57.2	14.2	68.3	17.7	79.3	21.7	84.8	23.8	90.3	26.0	101	30.8	112	34.1
		35	57.2	15.0	68.3	18.8	79.3	23.0	84.8	25.3	90.3	27.7	101	32.9	112	35.3
37	57.2	15.9	68.3	20.0	79.3	24.5	84.8	27.0	90.3	29.5	101	35.0	110	36.6		
39	57.2	16.9	68.3	21.2	79.3	26.1	84.8	28.7	90.3	31.4	101	37.3	108	37.8		
70	665	10	50.1	8.47	59.7	10.0	69.4	11.7	74.2	12.6	79.0	13.5	88.7	15.3	98.3	17.3
		12	50.1	8.60	59.7	10.2	69.4	11.9	74.2	12.8	79.0	13.7	88.7	15.6	98.3	17.6
		14	50.1	8.73	59.7	10.4	69.4	12.1	74.2	13.1	79.0	14.0	88.7	15.9	98.3	17.9
		16	50.1	8.87	59.7	10.6	69.4	12.4	74.2	13.3	79.0	14.3	88.7	16.2	98.3	18.3
		18	50.1	9.02	59.7	10.7	69.4	12.6	74.2	13.5	79.0	14.5	88.7	16.5	98.3	18.6
		20	50.1	9.17	59.7	10.9	69.4	12.8	74.2	13.8	79.0	14.8	88.7	16.9	98.3	19.1
		21	50.1	9.25	59.7	11.0	69.4	12.9	74.2	13.9	79.0	15.0	88.7	17.1	98.3	19.8
		23	50.1	9.41	59.7	11.2	69.4	13.2	74.2	14.4	79.0	15.7	88.7	18.3	98.3	21.2
		25	50.1	9.58	59.7	11.7	69.4	14.1	74.2	15.4	79.0	16.7	88.7	19.6	98.3	22.7
		27	50.1	10.1	59.7	12.4	69.4	15.0	74.2	16.4	79.0	17.8	88.7	20.9	98.3	24.3
		29	50.1	10.7	59.7	13.2	69.4	16.0	74.2	17.5	79.0	19.0	88.7	22.3	98.3	25.9
		31	50.1	11.4	59.7	14.1	69.4	17.0	74.2	18.6	79.0	20.3	88.7	23.8	98.3	27.6
		33	50.1	12.1	59.7	14.9	69.4	18.1	74.2	19.8	79.0	21.6	88.7	25.4	98.3	29.5
		35	50.1	12.8	59.7	15.8	69.4	19.2	74.2	21.0	79.0	22.9	88.7	27.0	98.3	31.4
37	50.1	13.5	59.7	16.8	69.4	20.4	74.2	22.4	79.0	24.4	88.7	28.7	98.3	33.5		
39	50.1	14.3	59.7	17.8	69.4	21.7	74.2	23.7	79.0	25.9	88.7	30.6	98.3	35.7		
60	570	10	42.9	7.37	51.2	8.64	59.5	10.0	63.6	10.7	67.7	11.4	76.0	12.9	84.3	14.5
		12	42.9	7.47	51.2	8.78	59.5	10.2	63.6	10.9	67.7	11.6	76.0	13.2	84.3	14.8
		14	42.9	7.58	51.2	8.92	59.5	10.3	63.6	11.1	67.7	11.8	76.0	13.4	84.3	15.0
		16	42.9	7.69	51.2	9.06	59.5	10.5	63.6	11.3	67.7	12.0	76.0	13.7	84.3	15.3
		18	42.9	7.81	51.2	9.21	59.5	10.7	63.6	11.5	67.7	12.3	76.0	13.9	84.3	15.6
		20	42.9	7.93	51.2	9.37	59.5	10.9	63.6	11.7	67.7	12.5	76.0	14.2	84.3	15.9
		21	42.9	8.00	51.2	9.45	59.5	11.0	63.6	11.8	67.7	12.6	76.0	14.3	84.3	16.1
		23	42.9	8.13	51.2	9.61	59.5	11.2	63.6	12.0	67.7	12.9	76.0	14.9	84.3	17.1
		25	42.9	8.26	51.2	9.79	59.5	11.6	63.6	12.6	67.7	13.7	76.0	15.9	84.3	18.3
		27	42.9	8.56	51.2	10.4	59.5	12.4	63.6	13.4	67.7	14.6	76.0	16.9	84.3	19.5
		29	42.9	9.07	51.2	11.0	59.5	13.2	63.6	14.3	67.7	15.5	76.0	18.0	84.3	20.8
		31	42.9	9.61	51.2	11.7	59.5	14.0	63.6	15.2	67.7	16.5	76.0	19.2	84.3	22.2
		33	42.9	10.2	51.2	12.4	59.5	14.8	63.6	16.2	67.7	17.5	76.0	20.4	84.3	23.6
		35	42.9	10.7	51.2	13.1	59.5	15.7	63.6	17.1	67.7	18.6	76.0	21.7	84.3	25.1
37	42.9	11.4	51.2	13.9	59.5	16.7	63.6	18.2	67.7	19.8	76.0	23.1	84.3	26.7		
39	42.9	12.0	51.2	14.7	59.5	17.7	63.6	19.3	67.7	21.0	76.0	24.6	84.3	28.4		

3 Capacity tables

3-1 Cooling capacity

3-1-16 38HP

38HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50	475	10	35.8	6.33	42.7	7.33	49.6	8.38	53.0	8.93	56.4	9.50	63.3	10.7	70.2	11.9
		12	35.8	6.41	42.7	7.43	49.6	8.51	53.0	9.07	56.4	9.65	63.3	10.8	70.2	12.1
		14	35.8	6.50	42.7	7.54	49.6	8.64	53.0	9.22	56.4	9.81	63.3	11.0	70.2	12.3
		16	35.8	6.59	42.7	7.65	49.6	8.78	53.0	9.37	56.4	9.98	63.3	11.2	70.2	12.5
		18	35.8	6.68	42.7	7.77	49.6	8.93	53.0	9.53	56.4	10.1	63.3	11.4	70.2	12.8
		20	35.8	6.77	42.7	7.89	49.6	9.08	53.0	9.69	56.4	10.3	63.3	11.6	70.2	13.0
		21	35.8	6.82	42.7	7.95	49.6	9.15	53.0	9.78	56.4	10.4	63.3	11.7	70.2	13.1
		23	35.8	6.92	42.7	8.08	49.6	9.31	53.0	9.95	56.4	10.6	63.3	12.0	70.2	13.4
		25	35.8	7.03	42.7	8.22	49.6	9.48	53.0	10.2	56.4	10.9	63.3	12.6	70.2	14.3
		27	35.8	7.14	42.7	8.51	49.6	10.0	53.0	10.8	56.4	11.6	63.3	13.4	70.2	15.3
		29	35.8	7.55	42.7	9.02	49.6	10.6	53.0	11.5	56.4	12.4	63.3	14.2	70.2	16.2
		31	35.8	7.98	42.7	9.54	49.6	11.3	53.0	12.2	56.4	13.1	63.3	15.1	70.2	17.3
		33	35.8	8.43	42.7	10.1	49.6	11.9	53.0	12.9	56.4	13.9	63.3	16.1	70.2	18.4
		35	35.8	8.90	42.7	10.7	49.6	12.6	53.0	13.7	56.4	14.8	63.3	17.1	70.2	19.5
37	35.8	9.38	42.7	11.3	49.6	13.4	53.0	14.5	56.4	15.6	63.3	18.1	70.2	20.7		
39	35.8	9.89	42.7	11.9	49.6	14.1	53.0	15.3	56.4	16.6	63.3	19.2	70.2	22.0		

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3 Capacity tables

3-1 Cooling capacity

3-1-17 40HP

40HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	1,300	10	98.7	17.9	118	21.9	137	26.0	146	26.6	149	26.0	153	24.9	156	23.8
		12	98.7	18.2	118	22.3	137	26.5	145	26.4	147	25.9	151	24.8	154	24.4
		14	98.7	18.5	118	22.7	137	26.9	144	26.3	145	25.7	149	25.5	152	25.8
		16	98.7	18.9	118	23.2	137	26.7	142	26.5	143	26.7	147	26.9	151	27.2
		18	98.7	19.3	118	23.6	137	27.7	140	27.9	142	28.0	145	28.3	149	28.6
		20	98.7	19.7	118	25.2	136	29.1	138	29.2	140	29.4	143	29.7	147	30.0
		21	98.7	20.2	118	26.1	135	29.8	137	29.9	139	30.1	142	30.4	146	30.7
		23	98.7	21.6	118	27.9	133	31.1	135	31.3	137	31.4	140	31.8	144	32.1
		25	98.7	23.1	118	29.9	131	32.5	133	32.7	135	32.8	138	33.2	142	33.5
		27	98.7	24.7	118	32.0	129	33.9	131	34.0	133	34.2	136	34.6	140	34.9
		29	98.7	26.4	118	34.2	127	35.2	129	35.4	131	35.6	134	36.0	138	36.4
		31	98.7	28.1	118	36.2	125	36.6	127	36.8	129	37.0	133	37.4	136	37.8
		33	98.7	30.0	118	37.6	124	38.0	125	38.2	127	38.4	131	38.8	134	39.3
		35	98.7	31.9	118	38.9	122	39.4	123	39.6	125	39.8	129	40.3	132	40.7
		37	98.7	34.0	116	40.3	119	40.8	121	41.0	122	41.3	125	41.7	128	42.2
		39	98.7	36.2	112	41.7	115	42.2	116	42.4	118	42.7	121	43.2	124	43.7
		120	1,200	10	91.1	16.3	109	20.0	126	23.7	135	25.6	144	26.7	150	25.7
12	91.1			16.6	109	20.3	126	24.2	135	26.1	144	26.6	148	25.6	152	24.5
14	91.1			16.9	109	20.7	126	24.6	135	26.6	143	26.4	146	25.4	150	25.6
16	91.1			17.3	109	21.1	126	25.1	135	26.8	141	26.5	144	26.7	148	27.0
18	91.1			17.6	109	21.5	126	26.0	135	27.7	139	27.8	143	28.1	146	28.3
20	91.1			17.9	109	22.4	126	27.9	135	29.1	137	29.2	141	29.5	144	29.7
21	91.1			18.1	109	23.2	126	28.9	135	29.7	136	29.9	140	30.2	143	30.4
23	91.1			19.4	109	24.8	126	31.0	133	31.1	134	31.2	138	31.5	141	31.8
25	91.1			20.7	109	26.6	126	32.3	131	32.5	133	32.6	136	32.9	139	33.2
27	91.1			22.1	109	28.4	126	33.7	129	33.8	131	34.0	134	34.3	137	34.7
29	91.1			23.5	109	30.4	125	35.0	127	35.2	129	35.4	132	35.7	135	36.1
31	91.1			25.1	109	32.4	123	36.4	125	36.6	127	36.8	130	37.1	133	37.5
33	91.1			26.7	109	34.6	122	37.8	123	38.0	125	38.2	128	38.5	131	38.9
35	91.1			28.5	109	36.8	120	39.1	121	39.3	123	39.6	126	40.0	129	40.4
37	91.1			30.3	109	39.3	118	40.5	119	40.7	121	41.0	124	41.4	126	41.8
39	91.1			32.2	109	41.5	114	41.9	115	42.1	116	42.4	119	42.8	122	43.3
110	1,100			10	83.5	14.8	99.6	18.1	116	21.4	124	23.2	132	24.9	148	26.5
		12	83.5	15.1	99.6	18.4	116	21.9	124	23.6	132	25.4	146	26.3	149	25.4
		14	83.5	15.4	99.6	18.7	116	22.3	124	24.1	132	25.9	144	26.2	147	25.4
		16	83.5	15.7	99.6	19.1	116	22.7	124	24.5	132	26.4	142	26.5	145	26.8
		18	83.5	16.0	99.6	19.5	116	23.2	124	25.2	132	27.7	140	27.9	143	28.1
		20	83.5	16.3	99.6	19.9	116	24.5	124	27.1	132	29.0	138	29.3	141	29.5
		21	83.5	16.4	99.6	20.5	116	25.4	124	28.1	132	29.7	137	29.9	140	30.2
		23	83.5	17.2	99.6	21.9	116	27.2	124	30.1	132	31.0	135	31.3	138	31.6
		25	83.5	18.4	99.6	23.4	116	29.2	124	32.3	130	32.4	133	32.7	136	33.0
		27	83.5	19.6	99.6	25.0	116	31.2	124	33.6	128	33.8	131	34.1	134	34.4
		29	83.5	20.9	99.6	26.7	116	33.3	124	35.0	126	35.1	129	35.5	132	35.8
		31	83.5	22.2	99.6	28.5	116	35.6	123	36.3	125	36.5	128	36.8	131	37.2
		33	83.5	23.7	99.6	30.4	116	37.5	121	37.7	123	37.9	126	38.2	129	38.6
		35	83.5	25.2	99.6	32.4	116	38.9	119	39.1	121	39.3	124	39.7	127	40.0
		37	83.5	26.8	99.6	34.5	116	40.3	117	40.5	119	40.7	122	41.1	125	41.5
		39	83.5	28.5	99.6	36.7	112	41.6	114	41.9	115	42.1	118	42.5	120	42.9
		100	1,000	10	75.9	13.4	90.6	16.2	105	19.2	113	20.8	120	22.3	134	25.5
12	75.9			13.6	90.6	16.5	105	19.6	113	21.2	120	22.8	134	26.0	146	26.3
14	75.9			13.9	90.6	16.8	105	20.0	113	21.6	120	23.2	134	26.5	144	26.1
16	75.9			14.1	90.6	17.1	105	20.3	113	22.0	120	23.6	134	26.9	142	26.6
18	75.9			14.4	90.6	17.5	105	20.7	113	22.4	120	24.1	134	27.7	140	27.9
20	75.9			14.6	90.6	17.8	105	21.4	113	23.5	120	25.8	134	29.1	138	29.3
21	75.9			14.8	90.6	18.0	105	22.1	113	24.4	120	26.8	134	29.7	137	30.0
23	75.9			15.2	90.6	19.2	105	23.7	113	26.1	120	28.7	133	31.1	135	31.3
25	75.9			16.2	90.6	20.5	105	25.4	113	28.0	120	30.7	131	32.5	134	32.7
27	75.9			17.3	90.6	21.9	105	27.1	113	29.9	120	32.9	129	33.8	132	34.1
29	75.9			18.4	90.6	23.3	105	28.9	113	32.0	120	34.9	127	35.2	130	35.5
31	75.9			19.6	90.6	24.9	105	30.9	113	34.1	120	36.3	125	36.6	128	36.9
33	75.9			20.8	90.6	26.5	105	32.9	113	36.4	120	37.6	123	37.9	126	38.3
35	75.9			22.1	90.6	28.2	105	35.1	113	38.9	118	39.0	121	39.3	124	39.7
37	75.9			23.5	90.6	30.0	105	37.4	113	40.2	117	40.4	119	40.7	122	41.1
39	75.9			24.9	90.6	31.9	105	39.8	112	41.6	114	41.8	116	42.1	118	42.5

3 Capacity tables

3-1 Cooling capacity

3-1-17 40HP

40HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	900	10	68.3	12.0	81.5	14.4	94.7	17.0	101	18.4	108	19.8	121	22.6	134	25.5
		12	68.3	12.2	81.5	14.7	94.7	17.4	101	18.7	108	20.1	121	23.0	134	25.9
		14	68.3	12.4	81.5	15.0	94.7	17.7	101	19.1	108	20.5	121	23.5	134	26.4
		16	68.3	12.6	81.5	15.2	94.7	18.0	101	19.5	108	20.9	121	23.9	134	26.9
		18	68.3	12.8	81.5	15.5	94.7	18.4	101	19.8	108	21.3	121	24.4	134	27.7
		20	68.3	13.1	81.5	15.8	94.7	18.7	101	20.2	108	22.1	121	26.2	134	29.1
		21	68.3	13.2	81.5	16.0	94.7	19.1	101	21.0	108	22.9	121	27.2	134	29.7
		23	68.3	13.4	81.5	16.6	94.7	20.4	101	22.4	108	24.6	121	29.1	133	31.1
		25	68.3	14.2	81.5	17.8	94.7	21.8	101	24.0	108	26.3	121	31.2	131	32.4
		27	68.3	15.1	81.5	19.0	94.7	23.3	101	25.6	108	28.1	121	33.4	129	33.8
		29	68.3	16.0	81.5	20.2	94.7	24.9	101	27.4	108	30.0	121	34.9	127	35.2
		31	68.3	17.0	81.5	21.5	94.7	26.5	101	29.2	108	32.0	121	36.3	125	36.6
		33	68.3	18.1	81.5	22.9	94.7	28.2	101	31.1	108	34.2	121	37.6	123	37.9
		35	68.3	19.2	81.5	24.3	94.7	30.1	101	33.2	108	36.4	119	39.0	121	39.3
		37	68.3	20.4	81.5	25.9	94.7	32.0	101	35.3	108	38.8	117	40.4	119	40.7
		39	68.3	21.6	81.5	27.5	94.7	34.1	101	37.6	108	41.3	115	41.8	117	42.1
80	800	10	60.7	10.6	72.4	12.7	84.1	15.0	90.0	16.1	95.9	17.3	108	19.7	119	22.2
		12	60.7	10.8	72.4	12.9	84.1	15.2	90.0	16.4	95.9	17.6	108	20.1	119	22.6
		14	60.7	11.0	72.4	13.2	84.1	15.5	90.0	16.7	95.9	17.9	108	20.5	119	23.1
		16	60.7	11.2	72.4	13.4	84.1	15.8	90.0	17.0	95.9	18.3	108	20.9	119	23.5
		18	60.7	11.4	72.4	13.7	84.1	16.1	90.0	17.4	95.9	18.6	108	21.3	119	24.0
		20	60.7	11.6	72.4	13.9	84.1	16.4	90.0	17.7	95.9	19.0	108	22.1	119	25.7
		21	60.7	11.7	72.4	14.0	84.1	16.6	90.0	17.9	95.9	19.4	108	22.8	119	26.6
		23	60.7	11.9	72.4	14.3	84.1	17.4	90.0	19.0	95.9	20.8	108	24.5	119	28.5
		25	60.7	12.3	72.4	15.2	84.1	18.6	90.0	20.3	95.9	22.2	108	26.2	119	30.5
		27	60.7	13.0	72.4	16.2	84.1	19.8	90.0	21.7	95.9	23.7	108	28.0	119	32.6
		29	60.7	13.9	72.4	17.3	84.1	21.1	90.0	23.1	95.9	25.3	108	29.9	119	34.9
		31	60.7	14.7	72.4	18.4	84.1	22.5	90.0	24.7	95.9	27.0	108	31.9	119	36.2
		33	60.7	15.6	72.4	19.5	84.1	23.9	90.0	26.3	95.9	28.7	108	34.0	119	37.6
		35	60.7	16.6	72.4	20.8	84.1	25.4	90.0	28.0	95.9	30.6	108	36.3	118	39.0
		37	60.7	17.6	72.4	22.0	84.1	27.1	90.0	29.8	95.9	32.6	108	38.7	116	40.4
		39	60.7	18.6	72.4	23.4	84.1	28.8	90.0	31.7	95.9	34.7	108	41.2	114	41.7
70	700	10	53.1	9.35	63.4	11.1	73.6	12.9	78.8	13.9	83.9	14.9	94.1	16.9	104	19.0
		12	53.1	9.49	63.4	11.3	73.6	13.2	78.8	14.2	83.9	15.2	94.1	17.2	104	19.4
		14	53.1	9.64	63.4	11.5	73.6	13.4	78.8	14.4	83.9	15.4	94.1	17.6	104	19.8
		16	53.1	9.79	63.4	11.7	73.6	13.6	78.8	14.7	83.9	15.7	94.1	17.9	104	20.2
		18	53.1	9.95	63.4	11.9	73.6	13.9	78.8	15.0	83.9	16.0	94.1	18.3	104	20.5
		20	53.1	10.1	63.4	12.1	73.6	14.2	78.8	15.2	83.9	16.3	94.1	18.6	104	21.1
		21	53.1	10.2	63.4	12.2	73.6	14.3	78.8	15.4	83.9	16.5	94.1	18.9	104	21.9
		23	53.1	10.4	63.4	12.4	73.6	14.6	78.8	15.9	83.9	17.3	94.1	20.2	104	23.4
		25	53.1	10.6	63.4	12.9	73.6	15.6	78.8	17.0	83.9	18.5	94.1	21.6	104	25.1
		27	53.1	11.2	63.4	13.7	73.6	16.6	78.8	18.1	83.9	19.7	94.1	23.1	104	26.8
		29	53.1	11.9	63.4	14.6	73.6	17.6	78.8	19.3	83.9	21.0	94.1	24.6	104	28.6
		31	53.1	12.6	63.4	15.5	73.6	18.8	78.8	20.5	83.9	22.4	94.1	26.3	104	30.5
		33	53.1	13.3	63.4	16.5	73.6	20.0	78.8	21.8	83.9	23.8	94.1	28.0	104	32.5
		35	53.1	14.1	63.4	17.5	73.6	21.2	78.8	23.2	83.9	25.3	94.1	29.8	104	34.7
		37	53.1	14.9	63.4	18.5	73.6	22.5	78.8	24.7	83.9	26.9	94.1	31.7	104	36.9
		39	53.1	15.8	63.4	19.6	73.6	23.9	78.8	26.2	83.9	28.6	94.1	33.8	104	39.4
60	600	10	45.6	8.13	54.3	9.54	63.1	11.0	67.5	11.8	71.9	12.6	80.7	14.3	89.4	16.0
		12	45.6	8.25	54.3	9.69	63.1	11.2	67.5	12.0	71.9	12.8	80.7	14.5	89.4	16.3
		14	45.6	8.37	54.3	9.84	63.1	11.4	67.5	12.2	71.9	13.1	80.7	14.8	89.4	16.6
		16	45.6	8.49	54.3	10.0	63.1	11.6	67.5	12.4	71.9	13.3	80.7	15.1	89.4	16.9
		18	45.6	8.62	54.3	10.2	63.1	11.8	67.5	12.7	71.9	13.5	80.7	15.4	89.4	17.2
		20	45.6	8.76	54.3	10.3	63.1	12.0	67.5	12.9	71.9	13.8	80.7	15.7	89.4	17.6
		21	45.6	8.83	54.3	10.4	63.1	12.1	67.5	13.0	71.9	13.9	80.7	15.8	89.4	17.7
		23	45.6	8.97	54.3	10.6	63.1	12.4	67.5	13.3	71.9	14.2	80.7	16.4	89.4	18.9
		25	45.6	9.12	54.3	10.8	63.1	12.8	67.5	13.9	71.9	15.1	80.7	17.5	89.4	20.2
		27	45.6	9.45	54.3	11.5	63.1	13.7	67.5	14.8	71.9	16.1	80.7	18.7	89.4	21.5
		29	45.6	10.0	54.3	12.2	63.1	14.5	67.5	15.8	71.9	17.1	80.7	19.9	89.4	22.9
		31	45.6	10.6	54.3	12.9	63.1	15.4	67.5	16.8	71.9	18.2	80.7	21.2	89.4	24.5
		33	45.6	11.2	54.3	13.7	63.1	16.4	67.5	17.8	71.9	19.3	80.7	22.6	89.4	26.0
		35	45.6	11.9	54.3	14.5	63.1	17.4	67.5	18.9	71.9	20.5	80.7	24.0	89.4	27.7
		37	45.6	12.5	54.3	15.3	63.1	18.4	67.5	20.1	71.9	21.8	80.7	25.5	89.4	29.5
		39	45.6	13.2	54.3	16.2	63.1	19.5	67.5	21.3	71.9	23.2	80.7	27.1	89.4	31.4

3 Capacity tables

3-1 Cooling capacity

3-1-17 40HP

40HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	
50	500	10	38.0	6.99	45.3	8.09	52.6	9.25	56.3	9.86	59.9	10.5	67.2	11.8	74.5	13.1
		12	38.0	7.08	45.3	8.20	52.6	9.40	56.3	10.0	59.9	10.7	67.2	12.0	74.5	13.3
		14	38.0	7.17	45.3	8.32	52.6	9.54	56.3	10.2	59.9	10.8	67.2	12.2	74.5	13.6
		16	38.0	7.27	45.3	8.44	52.6	9.69	56.3	10.3	59.9	11.0	67.2	12.4	74.5	13.8
		18	38.0	7.37	45.3	8.57	52.6	9.85	56.3	10.5	59.9	11.2	67.2	12.6	74.5	14.1
		20	38.0	7.48	45.3	8.71	52.6	10.0	56.3	10.7	59.9	11.4	67.2	12.8	74.5	14.3
		21	38.0	7.53	45.3	8.78	52.6	10.1	56.3	10.8	59.9	11.5	67.2	13.0	74.5	14.5
		23	38.0	7.64	45.3	8.92	52.6	10.3	56.3	11.0	59.9	11.7	67.2	13.2	74.5	14.8
		25	38.0	7.76	45.3	9.07	52.6	10.5	56.3	11.2	59.9	12.1	67.2	13.9	74.5	15.8
		27	38.0	7.88	45.3	9.39	52.6	11.0	56.3	11.9	59.9	12.8	67.2	14.8	74.5	16.8
		29	38.0	8.34	45.3	9.95	52.6	11.7	56.3	12.7	59.9	13.6	67.2	15.7	74.5	17.9
		31	38.0	8.81	45.3	10.5	52.6	12.4	56.3	13.4	59.9	14.5	67.2	16.7	74.5	19.1
		33	38.0	9.31	45.3	11.1	52.6	13.2	56.3	14.2	59.9	15.4	67.2	17.7	74.5	20.3
		35	38.0	9.82	45.3	11.8	52.6	13.9	56.3	15.1	59.9	16.3	67.2	18.8	74.5	21.6
		37	38.0	10.4	45.3	12.5	52.6	14.8	56.3	16.0	59.9	17.3	67.2	20.0	74.5	22.9
		39	38.0	10.9	45.3	13.2	52.6	15.6	56.3	16.9	59.9	18.3	67.2	21.2	74.5	24.3

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3 Capacity tables

3-1 Cooling capacity

3-1-18 42HP

42HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	1,365	10	103	18.5	122	22.7	142	27.0	152	27.5	155	27.0	159	25.8	163	24.7
		12	103	18.9	122	23.1	142	27.5	151	27.4	153	26.8	157	25.7	161	25.3
		14	103	19.2	122	23.6	142	27.8	149	27.3	151	26.7	155	26.5	159	26.7
		16	103	19.6	122	24.0	142	27.7	147	27.5	149	27.6	153	27.9	157	28.2
		18	103	20.0	122	24.5	142	28.8	145	28.9	147	29.0	151	29.3	155	29.6
		20	103	20.4	122	26.1	141	30.2	143	30.3	145	30.5	149	30.8	153	31.1
		21	103	21.0	122	27.0	140	30.9	142	31.0	144	31.2	148	31.5	152	31.8
		23	103	22.4	122	29.0	138	32.3	140	32.4	142	32.6	146	32.9	150	33.3
		25	103	24.0	122	31.0	136	33.7	138	33.9	140	34.0	144	34.4	148	34.7
		27	103	25.6	122	33.2	134	35.1	136	35.3	138	35.5	142	35.8	146	36.2
		29	103	27.3	122	35.5	132	36.5	134	36.7	136	36.9	140	37.3	144	37.7
		31	103	29.2	122	37.5	130	38.0	132	38.2	134	38.4	138	38.8	142	39.2
		33	103	31.1	122	38.9	128	39.4	130	39.6	132	39.8	136	40.3	140	40.7
		35	103	33.1	122	40.4	126	40.8	128	41.1	130	41.3	134	41.8	138	42.2
		37	103	35.3	121	41.8	123	42.3	124	42.5	125	42.8	127	43.3	129	43.7
		39	103	37.5	112	43.2	114	43.7	115	44.0	116	44.2	118	44.8	120	45.3
120	1,260	10	94.8	16.9	113	20.7	131	24.6	140	26.6	150	27.7	156	26.7	160	25.6
		12	94.8	17.2	113	21.1	131	25.1	140	27.1	150	27.6	154	26.5	158	25.4
		14	94.8	17.6	113	21.5	131	25.5	140	27.6	149	27.4	152	26.3	156	26.5
		16	94.8	17.9	113	21.9	131	26.0	140	27.8	147	27.5	150	27.7	154	28.0
		18	94.8	18.2	113	22.3	131	26.9	140	28.7	145	28.9	148	29.1	152	29.4
		20	94.8	18.6	113	23.2	131	28.9	140	30.1	143	30.3	146	30.5	150	30.8
		21	94.8	18.8	113	24.0	131	30.0	140	30.8	142	31.0	145	31.3	149	31.5
		23	94.8	20.1	113	25.7	131	32.1	138	32.2	140	32.4	143	32.7	147	33.0
		25	94.8	21.4	113	27.6	131	33.5	136	33.6	138	33.8	141	34.1	145	34.5
		27	94.8	22.9	113	29.5	131	34.9	134	35.1	136	35.2	139	35.6	143	35.9
		29	94.8	24.4	113	31.5	130	36.3	132	36.5	134	36.7	137	37.0	141	37.4
		31	94.8	26.0	113	33.6	128	37.7	130	37.9	132	38.1	135	38.5	139	38.9
		33	94.8	27.7	113	35.8	126	39.1	128	39.3	130	39.5	133	40.0	137	40.4
		35	94.8	29.5	113	38.2	124	40.6	126	40.8	128	41.0	131	41.4	135	41.9
		37	94.8	31.4	113	40.7	122	42.0	124	42.2	125	42.5	127	42.9	129	43.4
		39	94.8	33.4	112	43.0	114	43.5	115	43.7	116	43.9	118	44.4	120	44.9
110	1,155	10	86.9	15.4	104	18.7	120	22.2	129	24.0	137	25.9	154	27.4	157	26.5
		12	86.9	15.6	104	19.1	120	22.7	129	24.5	137	26.3	152	27.3	155	26.3
		14	86.9	15.9	104	19.4	120	23.1	129	25.0	137	26.8	150	27.2	153	26.3
		16	86.9	16.2	104	19.8	120	23.5	129	25.4	137	27.4	148	27.5	151	27.7
		18	86.9	16.5	104	20.2	120	24.0	129	26.1	137	28.7	146	28.9	149	29.2
		20	86.9	16.9	104	20.6	120	25.4	129	28.1	137	30.1	144	30.3	147	30.6
		21	86.9	17.0	104	21.2	120	26.3	129	29.1	137	30.8	143	31.0	146	31.3
		23	86.9	17.8	104	22.7	120	28.2	129	31.2	137	32.2	141	32.5	144	32.7
		25	86.9	19.0	104	24.3	120	30.2	129	33.4	136	33.6	139	33.9	142	34.2
		27	86.9	20.3	104	26.0	120	32.3	129	34.8	134	35.0	137	35.3	140	35.6
		29	86.9	21.6	104	27.7	120	34.5	129	36.3	132	36.4	135	36.8	138	37.1
		31	86.9	23.0	104	29.6	120	36.9	128	37.7	130	37.8	133	38.2	136	38.5
		33	86.9	24.5	104	31.5	120	38.9	126	39.1	128	39.3	131	39.6	134	40.0
		35	86.9	26.1	104	33.6	120	40.3	124	40.5	126	40.7	129	41.1	132	41.5
		37	86.9	27.7	104	35.7	120	41.7	122	41.9	124	42.2	127	42.6	129	43.0
		39	86.9	29.5	104	38.1	114	43.2	115	43.4	116	43.6	118	44.0	120	44.5
100	1,050	10	79.0	13.9	94.2	16.8	109	19.9	117	21.5	125	23.1	140	26.5	154	27.4
		12	79.0	14.1	94.2	17.1	109	20.3	117	21.9	125	23.6	140	27.0	152	27.2
		14	79.0	14.4	94.2	17.4	109	20.7	117	22.3	125	24.0	140	27.5	150	27.1
		16	79.0	14.6	94.2	17.8	109	21.1	117	22.8	125	24.5	140	27.8	148	27.5
		18	79.0	14.9	94.2	18.1	109	21.5	117	23.2	125	25.0	140	28.7	146	28.9
		20	79.0	15.2	94.2	18.5	109	22.1	117	24.4	125	26.8	140	30.1	144	30.4
		21	79.0	15.3	94.2	18.7	109	22.9	117	25.3	125	27.7	140	30.8	143	31.1
		23	79.0	15.7	94.2	19.9	109	24.6	117	27.1	125	29.7	138	32.2	141	32.5
		25	79.0	16.8	94.2	21.3	109	26.3	117	29.0	125	31.8	136	33.6	139	33.9
		27	79.0	17.9	94.2	22.7	109	28.1	117	31.0	125	34.1	134	35.1	137	35.3
		29	79.0	19.0	94.2	24.2	109	30.0	117	33.1	125	36.2	132	36.5	135	36.8
		31	79.0	20.3	94.2	25.8	109	32.0	117	35.4	125	37.6	130	37.9	133	38.2
		33	79.0	21.6	94.2	27.5	109	34.1	117	37.7	125	39.0	128	39.3	131	39.7
		35	79.0	22.9	94.2	29.2	109	36.4	117	40.2	123	40.4	126	40.8	129	41.1
		37	79.0	24.3	94.2	31.1	109	38.8	117	41.7	121	41.8	124	42.2	127	42.6
		39	79.0	25.8	94.2	33.1	109	41.3	115	43.1	116	43.3	118	43.7	120	44.1

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-18 42HP

42HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	
90	945	10	71.1	12.4	84.8	15.0	98.5	17.7	105	19.1	112	20.5	126	23.4	140	26.4
		12	71.1	12.6	84.8	15.2	98.5	18.0	105	19.4	112	20.9	126	23.9	140	26.9
		14	71.1	12.8	84.8	15.5	98.5	18.3	105	19.8	112	21.3	126	24.3	140	27.4
		16	71.1	13.1	84.8	15.8	98.5	18.7	105	20.2	112	21.7	126	24.8	140	27.9
		18	71.1	13.3	84.8	16.1	98.5	19.0	105	20.6	112	22.1	126	25.3	140	28.7
		20	71.1	13.5	84.8	16.4	98.5	19.4	105	21.0	112	22.9	126	27.2	140	30.1
		21	71.1	13.7	84.8	16.6	98.5	19.8	105	21.7	112	23.8	126	28.1	140	30.8
		23	71.1	13.9	84.8	17.3	98.5	21.2	105	23.3	112	25.5	126	30.2	138	32.2
		25	71.1	14.7	84.8	18.4	98.5	22.6	105	24.9	112	27.2	126	32.3	136	33.6
		27	71.1	15.6	84.8	19.6	98.5	24.1	105	26.6	112	29.1	126	34.6	134	35.0
		29	71.1	16.6	84.8	20.9	98.5	25.8	105	28.4	112	31.1	126	36.2	132	36.5
		31	71.1	17.7	84.8	22.3	98.5	27.5	105	30.3	112	33.2	126	37.6	130	37.9
		33	71.1	18.8	84.8	23.7	98.5	29.3	105	32.3	112	35.4	125	39.0	128	39.3
		35	71.1	19.9	84.8	25.2	98.5	31.2	105	34.4	112	37.8	123	40.4	126	40.8
		37	71.1	21.2	84.8	26.8	98.5	33.2	105	36.6	112	40.2	121	41.9	124	42.2
		39	71.1	22.4	84.8	28.5	98.5	35.3	105	39.0	112	42.9	118	43.3	120	43.7
80	840	10	63.2	11.0	75.3	13.2	87.5	15.5	93.6	16.7	99.7	17.9	112	20.4	124	23.0
		12	63.2	11.2	75.3	13.4	87.5	15.8	93.6	17.0	99.7	18.3	112	20.8	124	23.5
		14	63.2	11.4	75.3	13.7	87.5	16.1	93.6	17.3	99.7	18.6	112	21.2	124	23.9
		16	63.2	11.6	75.3	13.9	87.5	16.4	93.6	17.6	99.7	19.0	112	21.6	124	24.4
		18	63.2	11.8	75.3	14.2	87.5	16.7	93.6	18.0	99.7	19.3	112	22.1	124	24.9
		20	63.2	12.0	75.3	14.4	87.5	17.0	93.6	18.3	99.7	19.7	112	22.9	124	26.6
		21	63.2	12.1	75.3	14.6	87.5	17.2	93.6	18.5	99.7	20.1	112	23.7	124	27.5
		23	63.2	12.3	75.3	14.8	87.5	18.0	93.6	19.7	99.7	21.5	112	25.4	124	29.5
		25	63.2	12.7	75.3	15.8	87.5	19.2	93.6	21.1	99.7	23.0	112	27.1	124	31.6
		27	63.2	13.5	75.3	16.8	87.5	20.5	93.6	22.5	99.7	24.6	112	29.0	124	33.8
		29	63.2	14.4	75.3	17.9	87.5	21.9	93.6	24.0	99.7	26.2	112	31.0	124	36.2
		31	63.2	15.3	75.3	19.1	87.5	23.3	93.6	25.6	99.7	28.0	112	33.1	124	37.6
		33	63.2	16.2	75.3	20.3	87.5	24.8	93.6	27.2	99.7	29.8	112	35.3	124	39.0
		35	63.2	17.2	75.3	21.5	87.5	26.4	93.6	29.0	99.7	31.7	112	37.6	123	40.4
		37	63.2	18.2	75.3	22.8	87.5	28.0	93.6	30.8	99.7	33.8	112	40.1	121	41.8
		39	63.2	19.3	75.3	24.3	87.5	29.8	93.6	32.8	99.7	36.0	112	42.7	119	43.3
70	735	10	55.3	9.69	65.9	11.5	76.6	13.4	81.9	14.4	87.2	15.4	97.9	17.6	109	19.7
		12	55.3	9.84	65.9	11.7	76.6	13.7	81.9	14.7	87.2	15.7	97.9	17.9	109	20.1
		14	55.3	9.99	65.9	11.9	76.6	13.9	81.9	14.9	87.2	16.0	97.9	18.2	109	20.5
		16	55.3	10.1	65.9	12.1	76.6	14.1	81.9	15.2	87.2	16.3	97.9	18.6	109	20.9
		18	55.3	10.3	65.9	12.3	76.6	14.4	81.9	15.5	87.2	16.6	97.9	18.9	109	21.3
		20	55.3	10.5	65.9	12.5	76.6	14.7	81.9	15.8	87.2	16.9	97.9	19.3	109	21.9
		21	55.3	10.6	65.9	12.6	76.6	14.8	81.9	15.9	87.2	17.1	97.9	19.6	109	22.7
		23	55.3	10.8	65.9	12.9	76.6	15.1	81.9	16.5	87.2	17.9	97.9	21.0	109	24.3
		25	55.3	11.0	65.9	13.4	76.6	16.1	81.9	17.6	87.2	19.1	97.9	22.4	109	26.0
		27	55.3	11.6	65.9	14.2	76.6	17.2	81.9	18.8	87.2	20.4	97.9	23.9	109	27.8
		29	55.3	12.3	65.9	15.1	76.6	18.3	81.9	20.0	87.2	21.8	97.9	25.5	109	29.6
		31	55.3	13.0	65.9	16.1	76.6	19.5	81.9	21.3	87.2	23.2	97.9	27.2	109	31.6
		33	55.3	13.8	65.9	17.1	76.6	20.7	81.9	22.6	87.2	24.7	97.9	29.0	109	33.7
		35	55.3	14.6	65.9	18.1	76.6	22.0	81.9	24.1	87.2	26.2	97.9	30.9	109	35.9
		37	55.3	15.5	65.9	19.2	76.6	23.3	81.9	25.6	87.2	27.9	97.9	32.9	109	38.3
		39	55.3	16.4	65.9	20.4	76.6	24.8	81.9	27.2	87.2	29.7	97.9	35.0	109	40.8
60	630	10	47.4	8.43	56.5	9.89	65.6	11.4	70.2	12.3	74.8	13.1	83.9	14.8	93.0	16.6
		12	47.4	8.55	56.5	10.0	65.6	11.6	70.2	12.5	74.8	13.3	83.9	15.1	93.0	16.9
		14	47.4	8.67	56.5	10.2	65.6	11.8	70.2	12.7	74.8	13.5	83.9	15.3	93.0	17.2
		16	47.4	8.80	56.5	10.4	65.6	12.0	70.2	12.9	74.8	13.8	83.9	15.6	93.0	17.5
		18	47.4	8.94	56.5	10.5	65.6	12.2	70.2	13.1	74.8	14.0	83.9	15.9	93.0	17.9
		20	47.4	9.08	56.5	10.7	65.6	12.5	70.2	13.4	74.8	14.3	83.9	16.2	93.0	18.2
		21	47.4	9.15	56.5	10.8	65.6	12.6	70.2	13.5	74.8	14.4	83.9	16.4	93.0	18.4
		23	47.4	9.30	56.5	11.0	65.6	12.8	70.2	13.8	74.8	14.7	83.9	17.0	93.0	19.6
		25	47.4	9.45	56.5	11.2	65.6	13.3	70.2	14.5	74.8	15.6	83.9	18.2	93.0	20.9
		27	47.4	9.80	56.5	11.9	65.6	14.2	70.2	15.4	74.8	16.7	83.9	19.4	93.0	22.3
		29	47.4	10.4	56.5	12.6	65.6	15.1	70.2	16.4	74.8	17.7	83.9	20.6	93.0	23.8
		31	47.4	11.0	56.5	13.4	65.6	16.0	70.2	17.4	74.8	18.9	83.9	22.0	93.0	25.3
		33	47.4	11.6	56.5	14.2	65.6	17.0	70.2	18.5	74.8	20.0	83.9	23.4	93.0	27.0
		35	47.4	12.3	56.5	15.0	65.6	18.0	70.2	19.6	74.8	21.3	83.9	24.9	93.0	28.7
		37	47.4	13.0	56.5	15.9	65.6	19.1	70.2	20.8	74.8	22.6	83.9	26.4	93.0	30.6
		39	47.4	13.7	56.5	16.8	65.6	20.2	70.2	22.1	74.8	24.0	83.9	28.1	93.0	32.5

3 Capacity tables

3-1 Cooling capacity

3-1-18 42HP

42HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50	525	10	39.5	7.24	47.1	8.38	54.7	9.59	58.5	10.2	62.3	10.9	69.9	12.2	77.5	13.6
		12	39.5	7.34	47.1	8.50	54.7	9.74	58.5	10.4	62.3	11.0	69.9	12.4	77.5	13.8
		14	39.5	7.43	47.1	8.63	54.7	9.89	58.5	10.5	62.3	11.2	69.9	12.6	77.5	14.1
		16	39.5	7.53	47.1	8.75	54.7	10.0	58.5	10.7	62.3	11.4	69.9	12.8	77.5	14.3
		18	39.5	7.64	47.1	8.89	54.7	10.2	58.5	10.9	62.3	11.6	69.9	13.1	77.5	14.6
		20	39.5	7.75	47.1	9.03	54.7	10.4	58.5	11.1	62.3	11.8	69.9	13.3	77.5	14.9
		21	39.5	7.81	47.1	9.10	54.7	10.5	58.5	11.2	62.3	11.9	69.9	13.4	77.5	15.0
		23	39.5	7.92	47.1	9.25	54.7	10.7	58.5	11.4	62.3	12.1	69.9	13.7	77.5	15.4
		25	39.5	8.04	47.1	9.40	54.7	10.8	58.5	11.6	62.3	12.5	69.9	14.4	77.5	16.4
		27	39.5	8.17	47.1	9.73	54.7	11.4	58.5	12.4	62.3	13.3	69.9	15.3	77.5	17.5
		29	39.5	8.64	47.1	10.3	54.7	12.1	58.5	13.1	62.3	14.1	69.9	16.3	77.5	18.6
		31	39.5	9.13	47.1	10.9	54.7	12.9	58.5	13.9	62.3	15.0	69.9	17.3	77.5	19.8
		33	39.5	9.65	47.1	11.6	54.7	13.6	58.5	14.8	62.3	15.9	69.9	18.4	77.5	21.0
		35	39.5	10.2	47.1	12.2	54.7	14.4	58.5	15.6	62.3	16.9	69.9	19.5	77.5	22.3
37	39.5	10.7	47.1	12.9	54.7	15.3	58.5	16.6	62.3	17.9	69.9	20.7	77.5	23.7		
39	39.5	11.3	47.1	13.6	54.7	16.2	58.5	17.5	62.3	19.0	69.9	22.0	77.5	25.2		

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3 Capacity tables

3-1 Cooling capacity

3-1-19 44HP

44HP																
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	1,430	10	107	19.2	128	23.6	149	28.0	159	28.6	162	28.0	166	26.8	170	25.6
		12	107	19.6	128	24.0	149	28.5	158	28.5	160	27.9	164	26.7	168	26.3
		14	107	20.0	128	24.5	149	28.9	156	28.3	158	27.7	162	27.5	166	27.7
		16	107	20.4	128	24.9	149	28.8	154	28.6	156	28.7	160	29.0	164	29.2
		18	107	20.7	128	25.4	149	29.9	152	30.0	154	30.2	158	30.5	162	30.7
		20	107	21.2	128	27.1	148	31.3	150	31.5	152	31.6	156	31.9	160	32.3
		21	107	21.8	128	28.1	147	32.1	149	32.2	151	32.4	155	32.7	159	33.0
		23	107	23.3	128	30.1	145	33.5	147	33.7	149	33.9	153	34.2	157	34.5
		25	107	24.9	128	32.2	143	35.0	145	35.2	147	35.3	151	35.7	155	36.1
		27	107	26.6	128	34.5	141	36.5	143	36.6	145	36.8	149	37.2	152	37.6
		29	107	28.4	128	36.8	139	37.9	141	38.1	143	38.3	146	38.7	150	39.2
		31	107	30.3	128	39.0	137	39.4	139	39.6	140	39.8	144	40.3	148	40.7
		33	107	32.3	128	40.4	135	40.9	136	41.1	138	41.4	142	41.8	146	42.3
		35	107	34.4	128	41.9	132	42.4	134	42.6	136	42.9	140	43.4	144	43.8
		37	107	36.6	126	43.4	128	43.9	129	44.2	130	44.4	132	44.9	134	45.4
		39	107	39.0	116	44.9	119	45.4	120	45.7	121	46.0	123	46.5	125	47.0
		120	1,320	10	99.2	17.6	118	21.5	137	25.5	147	27.6	157	28.8	164	27.7
12	99.2			17.9	118	21.9	137	26.0	147	28.1	157	28.6	161	27.5	165	26.4
14	99.2			18.2	118	22.3	137	26.5	147	28.7	156	28.5	159	27.3	163	27.5
16	99.2			18.6	118	22.7	137	27.0	147	28.9	154	28.5	157	28.8	161	29.0
18	99.2			18.9	118	23.2	137	28.0	147	29.8	152	30.0	155	30.2	159	30.5
20	99.2			19.3	118	24.1	137	30.1	147	31.3	150	31.4	153	31.7	157	32.0
21	99.2			19.5	118	25.0	137	31.1	147	32.0	148	32.2	152	32.5	156	32.8
23	99.2			20.8	118	26.7	137	33.3	145	33.5	146	33.6	150	34.0	154	34.3
25	99.2			22.3	118	28.6	137	34.8	143	34.9	144	35.1	148	35.4	151	35.8
27	99.2			23.8	118	30.6	137	36.2	140	36.4	142	36.6	146	36.9	149	37.3
29	99.2			25.3	118	32.7	137	37.7	138	37.9	140	38.1	144	38.5	147	38.8
31	99.2			27.0	118	34.9	134	39.2	136	39.4	138	39.6	142	40.0	145	40.4
33	99.2			28.8	118	37.2	132	40.7	134	40.9	136	41.1	140	41.5	143	41.9
35	99.2			30.6	118	39.7	130	42.1	132	42.4	134	42.6	137	43.0	141	43.5
37	99.2			32.6	118	42.3	128	43.6	129	43.9	130	44.1	132	44.6	134	45.0
39	99.2			34.7	116	44.6	119	45.1	120	45.4	121	45.6	123	46.1	125	46.6
110	1,210			10	90.9	16.0	108	19.4	126	23.1	135	25.0	144	26.8	161	28.5
		12	90.9	16.3	108	19.8	126	23.5	135	25.4	144	27.4	159	28.4	162	27.3
		14	90.9	16.5	108	20.2	126	24.0	135	25.9	144	27.9	157	28.2	160	27.3
		16	90.9	16.9	108	20.6	126	24.4	135	26.4	144	28.4	155	28.6	158	28.8
		18	90.9	17.2	108	21.0	126	24.9	135	27.1	144	29.8	152	30.0	156	30.3
		20	90.9	17.5	108	21.4	126	26.4	135	29.2	144	31.2	150	31.5	154	31.8
		21	90.9	17.7	108	22.0	126	27.4	135	30.2	144	32.0	149	32.2	153	32.5
		23	90.9	18.5	108	23.6	126	29.3	135	32.4	144	33.4	147	33.7	151	34.0
		25	90.9	19.8	108	25.2	126	31.4	135	34.7	142	34.9	145	35.2	148	35.5
		27	90.9	21.1	108	27.0	126	33.6	135	36.2	140	36.4	143	36.7	146	37.0
		29	90.9	22.5	108	28.8	126	35.9	135	37.7	138	37.8	141	38.2	144	38.5
		31	90.9	23.9	108	30.7	126	38.3	134	39.1	136	39.3	139	39.7	142	40.0
		33	90.9	25.5	108	32.7	126	40.4	132	40.6	134	40.8	137	41.2	140	41.6
		35	90.9	27.1	108	34.9	126	41.9	130	42.1	131	42.3	135	42.7	138	43.1
		37	90.9	28.8	108	37.1	126	43.3	128	43.6	129	43.8	132	44.2	134	44.6
		39	90.9	30.6	108	39.5	119	44.8	120	45.1	121	45.3	123	45.7	125	46.2
		100	1,100	10	82.7	14.4	98.6	17.5	115	20.7	123	22.4	130	24.0	146	27.5
12	82.7			14.7	98.6	17.8	115	21.1	123	22.8	130	24.5	146	28.0	159	28.3
14	82.7			14.9	98.6	18.1	115	21.5	123	23.2	130	25.0	146	28.5	157	28.1
16	82.7			15.2	98.6	18.5	115	21.9	123	23.7	130	25.5	146	28.9	155	28.6
18	82.7			15.5	98.6	18.8	115	22.3	123	24.1	130	26.0	146	29.8	153	30.1
20	82.7			15.8	98.6	19.2	115	23.0	123	25.3	130	27.8	146	31.3	151	31.5
21	82.7			15.9	98.6	19.4	115	23.8	123	26.2	130	28.8	146	32.0	150	32.3
23	82.7			16.3	98.6	20.7	115	25.5	123	28.1	130	30.9	145	33.5	147	33.7
25	82.7			17.4	98.6	22.1	115	27.3	123	30.1	130	33.1	142	34.9	145	35.2
27	82.7			18.6	98.6	23.6	115	29.2	123	32.2	130	35.4	140	36.4	143	36.7
29	82.7			19.8	98.6	25.1	115	31.1	123	34.4	130	37.6	138	37.9	141	38.2
31	82.7			21.0	98.6	26.8	115	33.2	123	36.7	130	39.0	136	39.4	139	39.7
33	82.7			22.4	98.6	28.5	115	35.4	123	39.2	130	40.5	134	40.8	137	41.2
35	82.7			23.8	98.6	30.4	115	37.8	123	41.8	129	42.0	132	42.3	135	42.7
37	82.7			25.3	98.6	32.3	115	40.2	123	43.3	127	43.5	130	43.8	133	44.2
39	82.7			26.8	98.6	34.4	115	42.9	120	44.7	121	44.9	123	45.4	125	45.8

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-19 44HP

44HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	990	10	74.4	12.9	88.7	15.5	103	18.4	110	19.8	117	21.3	132	24.3	146	27.4
		12	74.4	13.1	88.7	15.8	103	18.7	110	20.2	117	21.7	132	24.8	146	27.9
		14	74.4	13.3	88.7	16.1	103	19.0	110	20.6	117	22.1	132	25.3	146	28.5
		16	74.4	13.6	88.7	16.4	103	19.4	110	21.0	117	22.5	132	25.7	146	28.9
		18	74.4	13.8	88.7	16.7	103	19.8	110	21.4	117	23.0	132	26.3	146	29.8
		20	74.4	14.1	88.7	17.0	103	20.2	110	21.8	117	23.8	132	28.2	146	31.3
		21	74.4	14.2	88.7	17.2	103	20.5	110	22.6	117	24.7	132	29.2	146	32.0
		23	74.4	14.5	88.7	17.9	103	22.0	110	24.2	117	26.4	132	31.3	144	33.5
		25	74.4	15.2	88.7	19.1	103	23.5	110	25.8	117	28.3	132	33.6	142	34.9
		27	74.4	16.2	88.7	20.4	103	25.1	110	27.6	117	30.2	132	35.9	140	36.4
		29	74.4	17.3	88.7	21.7	103	26.8	110	29.5	117	32.3	132	37.6	138	37.9
		31	74.4	18.4	88.7	23.1	103	28.5	110	31.4	117	34.5	132	39.1	136	39.4
		33	74.4	19.5	88.7	24.6	103	30.4	110	33.5	117	36.8	131	40.5	134	40.8
		35	74.4	20.7	88.7	26.2	103	32.4	110	35.7	117	39.2	129	42.0	132	42.3
		37	74.4	22.0	88.7	27.8	103	34.5	110	38.0	117	41.8	127	43.5	130	43.8
		39	74.4	23.3	88.7	29.6	103	36.7	110	40.5	117	44.5	123	45.0	125	45.3
80	880	10	66.1	11.4	78.9	13.7	91.6	16.1	98.0	17.3	104	18.6	117	21.2	130	23.9
		12	66.1	11.6	78.9	13.9	91.6	16.4	98.0	17.7	104	19.0	117	21.6	130	24.4
		14	66.1	11.8	78.9	14.2	91.6	16.7	98.0	18.0	104	19.3	117	22.0	130	24.8
		16	66.1	12.0	78.9	14.4	91.6	17.0	98.0	18.3	104	19.7	117	22.5	130	25.3
		18	66.1	12.2	78.9	14.7	91.6	17.3	98.0	18.7	104	20.1	117	22.9	130	25.8
		20	66.1	12.4	78.9	15.0	91.6	17.7	98.0	19.0	104	20.5	117	23.7	130	27.6
		21	66.1	12.6	78.9	15.1	91.6	17.8	98.0	19.2	104	20.9	117	24.6	130	28.6
		23	66.1	12.8	78.9	15.4	91.6	18.7	98.0	20.5	104	22.4	117	26.3	130	30.7
		25	66.1	13.2	78.9	16.4	91.6	20.0	98.0	21.9	104	23.9	117	28.2	130	32.8
		27	66.1	14.0	78.9	17.5	91.6	21.3	98.0	23.4	104	25.5	117	30.1	130	35.1
		29	66.1	14.9	78.9	18.6	91.6	22.7	98.0	24.9	104	27.2	117	32.2	130	37.6
		31	66.1	15.8	78.9	19.8	91.6	24.2	98.0	26.6	104	29.0	117	34.3	130	39.0
		33	66.1	16.8	78.9	21.0	91.6	25.7	98.0	28.3	104	30.9	117	36.6	130	40.5
		35	66.1	17.8	78.9	22.3	91.6	27.4	98.0	30.1	104	33.0	117	39.1	129	42.0
		37	66.1	18.9	78.9	23.7	91.6	29.1	98.0	32.0	104	35.1	117	41.6	127	43.4
		39	66.1	20.0	78.9	25.2	91.6	31.0	98.0	34.1	104	37.3	117	44.3	125	44.9
70	770	10	57.9	10.1	69.0	11.9	80.2	13.9	85.8	15.0	91.3	16.0	102	18.2	114	20.5
		12	57.9	10.2	69.0	12.1	80.2	14.2	85.8	15.2	91.3	16.3	102	18.6	114	20.9
		14	57.9	10.4	69.0	12.3	80.2	14.4	85.8	15.5	91.3	16.6	102	18.9	114	21.3
		16	57.9	10.5	69.0	12.6	80.2	14.7	85.8	15.8	91.3	16.9	102	19.3	114	21.7
		18	57.9	10.7	69.0	12.8	80.2	15.0	85.8	16.1	91.3	17.3	102	19.7	114	22.1
		20	57.9	10.9	69.0	13.0	80.2	15.2	85.8	16.4	91.3	17.6	102	20.0	114	22.7
		21	57.9	11.0	69.0	13.1	80.2	15.4	85.8	16.6	91.3	17.8	102	20.4	114	23.5
		23	57.9	11.2	69.0	13.4	80.2	15.7	85.8	17.1	91.3	18.6	102	21.8	114	25.2
		25	57.9	11.4	69.0	13.9	80.2	16.7	85.8	18.3	91.3	19.9	102	23.3	114	27.0
		27	57.9	12.0	69.0	14.8	80.2	17.8	85.8	19.5	91.3	21.2	102	24.9	114	28.8
		29	57.9	12.8	69.0	15.7	80.2	19.0	85.8	20.8	91.3	22.6	102	26.5	114	30.8
		31	57.9	13.5	69.0	16.7	80.2	20.2	85.8	22.1	91.3	24.1	102	28.3	114	32.8
		33	57.9	14.3	69.0	17.7	80.2	21.5	85.8	23.5	91.3	25.6	102	30.1	114	35.0
		35	57.9	15.2	69.0	18.8	80.2	22.8	85.8	25.0	91.3	27.3	102	32.1	114	37.3
		37	57.9	16.1	69.0	19.9	80.2	24.2	85.8	26.6	91.3	29.0	102	34.2	114	39.8
		39	57.9	17.0	69.0	21.1	80.2	25.7	85.8	28.2	91.3	30.8	102	36.4	114	42.4
60	660	10	49.6	8.75	59.2	10.3	68.7	11.9	73.5	12.7	78.3	13.6	87.8	15.4	97.4	17.2
		12	49.6	8.88	59.2	10.4	68.7	12.1	73.5	12.9	78.3	13.8	87.8	15.6	97.4	17.5
		14	49.6	9.01	59.2	10.6	68.7	12.3	73.5	13.2	78.3	14.1	87.8	15.9	97.4	17.9
		16	49.6	9.14	59.2	10.8	68.7	12.5	73.5	13.4	78.3	14.3	87.8	16.2	97.4	18.2
		18	49.6	9.28	59.2	10.9	68.7	12.7	73.5	13.6	78.3	14.6	87.8	16.5	97.4	18.6
		20	49.6	9.43	59.2	11.1	68.7	12.9	73.5	13.9	78.3	14.9	87.8	16.8	97.4	18.9
		21	49.6	9.50	59.2	11.2	68.7	13.1	73.5	14.0	78.3	15.0	87.8	17.0	97.4	19.1
		23	49.6	9.66	59.2	11.4	68.7	13.3	73.5	14.3	78.3	15.3	87.8	17.7	97.4	20.3
		25	49.6	9.82	59.2	11.6	68.7	13.8	73.5	15.0	78.3	16.2	87.8	18.9	97.4	21.7
		27	49.6	10.2	59.2	12.3	68.7	14.7	73.5	16.0	78.3	17.3	87.8	20.1	97.4	23.2
		29	49.6	10.8	59.2	13.1	68.7	15.6	73.5	17.0	78.3	18.4	87.8	21.4	97.4	24.7
		31	49.6	11.4	59.2	13.9	68.7	16.6	73.5	18.1	78.3	19.6	87.8	22.8	97.4	26.3
		33	49.6	12.1	59.2	14.7	68.7	17.6	73.5	19.2	78.3	20.8	87.8	24.3	97.4	28.0
		35	49.6	12.8	59.2	15.6	68.7	18.7	73.5	20.4	78.3	22.1	87.8	25.8	97.4	29.8
		37	49.6	13.5	59.2	16.5	68.7	19.8	73.5	21.6	78.3	23.5	87.8	27.5	97.4	31.7
		39	49.6	14.3	59.2	17.5	68.7	21.0	73.5	22.9	78.3	24.9	87.8	29.2	97.4	33.8

3 Capacity tables

3-1 Cooling capacity

3-1-19 44HP

44HP		Indoor air temperature: °CWB														TC: Total capacity ; PI: Power input	
Combination (%)	Capacity index	Outdoor air temp. °CDB	14,0		16,0		18,0		19,0		20,0		22,0		24,0		
			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	kW
50	550	10	41.3	7.52	49.3	8.71	57.3	9.96	61.3	10.6	65.2	11.3	73.2	12.7	81.2	14.1	
		12	41.3	7.62	49.3	8.83	57.3	10.1	61.3	10.8	65.2	11.5	73.2	12.9	81.2	14.4	
		14	41.3	7.72	49.3	8.96	57.3	10.3	61.3	11.0	65.2	11.7	73.2	13.1	81.2	14.6	
		16	41.3	7.82	49.3	9.09	57.3	10.4	61.3	11.1	65.2	11.9	73.2	13.3	81.2	14.9	
		18	41.3	7.93	49.3	9.23	57.3	10.6	61.3	11.3	65.2	12.1	73.2	13.6	81.2	15.2	
		20	41.3	8.05	49.3	9.37	57.3	10.8	61.3	11.5	65.2	12.3	73.2	13.8	81.2	15.4	
		21	41.3	8.11	49.3	9.45	57.3	10.9	61.3	11.6	65.2	12.4	73.2	14.0	81.2	15.6	
		23	41.3	8.23	49.3	9.60	57.3	11.1	61.3	11.8	65.2	12.6	73.2	14.2	81.2	15.9	
		25	41.3	8.35	49.3	9.76	57.3	11.3	61.3	12.1	65.2	13.0	73.2	14.9	81.2	17.0	
		27	41.3	8.49	49.3	10.1	57.3	11.9	61.3	12.8	65.2	13.8	73.2	15.9	81.2	18.1	
		29	41.3	8.98	49.3	10.7	57.3	12.6	61.3	13.6	65.2	14.7	73.2	16.9	81.2	19.3	
		31	41.3	9.49	49.3	11.3	57.3	13.4	61.3	14.5	65.2	15.6	73.2	18.0	81.2	20.5	
		33	41.3	10.0	49.3	12.0	57.3	14.2	61.3	15.3	65.2	16.5	73.2	19.1	81.2	21.8	
		35	41.3	10.6	49.3	12.7	57.3	15.0	61.3	16.2	65.2	17.5	73.2	20.3	81.2	23.2	
		37	41.3	11.1	49.3	13.4	57.3	15.9	61.3	17.2	65.2	18.6	73.2	21.5	81.2	24.6	
		39	41.3	11.8	49.3	14.2	57.3	16.8	61.3	18.2	65.2	19.7	73.2	22.8	81.2	26.2	

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3 Capacity tables

3-1 Cooling capacity

3-1-20 46HP

46HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			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	1,495	10	113	20.9	135	25.6	157	30.5	168	31.1	171	30.5	175	29.2	179	27.9
		12	113	21.3	135	26.1	157	31.0	167	30.9	169	30.3	173	29.0	177	28.5
		14	113	21.7	135	26.6	157	31.4	165	30.8	167	30.1	171	29.9	175	30.2
		16	113	22.1	135	27.1	157	31.3	162	31.1	164	31.2	169	31.5	173	31.8
		18	113	22.6	135	27.7	157	32.5	160	32.6	162	32.8	166	33.1	170	33.4
		20	113	23.0	135	29.5	156	34.1	158	34.2	160	34.4	164	34.7	168	35.1
		21	113	23.7	135	30.5	155	34.9	157	35.0	159	35.2	163	35.6	167	35.9
		23	113	25.3	135	32.7	153	36.4	155	36.6	157	36.8	161	37.2	165	37.6
		25	113	27.1	135	35.0	150	38.0	153	38.2	155	38.4	159	38.8	163	39.2
		27	113	28.9	135	37.5	148	39.6	150	39.8	152	40.1	156	40.5	161	40.9
		29	113	30.9	135	40.0	146	41.2	148	41.5	150	41.7	154	42.1	158	42.6
		31	113	32.9	135	42.4	144	42.9	146	43.1	148	43.3	152	43.8	156	44.3
		33	113	35.1	135	44.0	142	44.5	144	44.7	146	45.0	150	45.5	154	46.0
		35	113	37.4	135	45.6	139	46.1	141	46.4	144	46.6	148	47.1	152	47.7
		37	113	39.8	133	47.2	137	47.7	138	48.0	139	48.3	142	48.8	145	49.4
		39	113	42.4	126	48.8	129	49.4	131	49.7	132	50.0	135	50.5	137	51.1
120	1,380	10	104	19.1	125	23.4	145	27.8	155	30.0	165	31.3	172	30.1	176	28.9
		12	104	19.5	125	23.8	145	28.3	155	30.6	165	31.1	170	29.9	174	28.7
		14	104	19.8	125	24.2	145	28.8	155	31.2	164	31.0	168	29.7	172	29.9
		16	104	20.2	125	24.7	145	29.4	155	31.4	162	31.0	166	31.3	169	31.6
		18	104	20.6	125	25.2	145	30.4	155	32.4	160	32.6	163	32.9	167	33.2
		20	104	21.0	125	26.2	145	32.7	155	34.0	157	34.2	161	34.5	165	34.8
		21	104	21.2	125	27.1	145	33.9	154	34.8	156	35.0	160	35.3	164	35.6
		23	104	22.7	125	29.1	145	36.2	152	36.4	154	36.6	158	36.9	162	37.3
		25	104	24.2	125	31.1	145	37.8	150	38.0	152	38.2	156	38.5	160	38.9
		27	104	25.8	125	33.3	145	39.4	148	39.6	150	39.8	154	40.2	157	40.6
		29	104	27.6	125	35.5	144	41.0	146	41.2	148	41.4	151	41.8	155	42.2
		31	104	29.4	125	37.9	142	42.6	143	42.8	145	43.0	149	43.5	153	43.9
		33	104	31.3	125	40.4	139	44.2	141	44.4	143	44.7	147	45.1	151	45.6
		35	104	33.3	125	43.1	137	45.8	139	46.1	141	46.3	145	46.8	148	47.3
		37	104	35.4	125	46.0	135	47.4	137	47.7	139	47.9	141	48.5	144	49.0
		39	104	37.7	124	48.5	128	49.1	130	49.3	131	49.6	134	50.1	137	50.7
110	1,265	10	95.8	17.4	114	21.1	133	25.1	142	27.1	151	29.2	169	31.0	173	29.9
		12	95.8	17.7	114	21.5	133	25.6	142	27.6	151	29.7	167	30.8	171	29.7
		14	95.8	18.0	114	21.9	133	26.1	142	28.2	151	30.3	165	30.7	168	29.7
		16	95.8	18.3	114	22.4	133	26.6	142	28.7	151	30.9	163	31.1	166	31.3
		18	95.8	18.7	114	22.8	133	27.1	142	29.5	151	32.4	161	32.7	164	32.9
		20	95.8	19.0	114	23.3	133	28.7	142	31.7	151	34.0	158	34.3	162	34.5
		21	95.8	19.2	114	24.0	133	29.7	142	32.9	151	34.8	157	35.1	161	35.4
		23	95.8	20.1	114	25.7	133	31.9	142	35.3	151	36.3	155	36.7	159	37.0
		25	95.8	21.5	114	27.4	133	34.1	142	37.8	149	37.9	153	38.3	156	38.6
		27	95.8	22.9	114	29.3	133	36.5	142	39.3	147	39.5	151	39.9	154	40.2
		29	95.8	24.4	114	31.3	133	39.0	142	40.9	145	41.1	148	41.5	152	41.9
		31	95.8	26.0	114	33.4	133	41.7	141	42.5	143	42.7	146	43.1	150	43.5
		33	95.8	27.7	114	35.6	133	43.9	139	44.1	141	44.3	144	44.8	147	45.2
		35	95.8	29.5	114	37.9	133	45.5	137	45.7	138	46.0	142	46.4	145	46.9
		37	95.8	31.3	114	40.4	133	47.1	134	47.4	136	47.6	140	48.1	143	48.5
		39	95.8	33.3	114	43.0	128	48.7	129	49.0	130	49.2	133	49.7	136	50.2
100	1,150	10	87.1	15.7	104	19.0	121	22.5	129	24.3	137	26.1	154	29.9	170	30.9
		12	87.1	15.9	104	19.3	121	22.9	129	24.8	137	26.6	154	30.4	167	30.8
		14	87.1	16.2	104	19.7	121	23.4	129	25.2	137	27.1	154	31.0	165	30.6
		16	87.1	16.5	104	20.1	121	23.8	129	25.7	137	27.7	154	31.4	163	31.1
		18	87.1	16.8	104	20.5	121	24.3	129	26.2	137	28.2	154	32.4	161	32.7
		20	87.1	17.1	104	20.9	121	25.0	129	27.6	137	30.2	154	34.0	159	34.3
		21	87.1	17.3	104	21.1	121	25.9	129	28.5	137	31.3	154	34.8	158	35.1
		23	87.1	17.8	104	22.5	121	27.7	129	30.6	137	33.6	152	36.4	155	36.7
		25	87.1	18.9	104	24.0	121	29.7	129	32.7	137	36.0	150	38.0	153	38.3
		27	87.1	20.2	104	25.6	121	31.7	129	35.0	137	38.5	148	39.6	151	39.9
		29	87.1	21.5	104	27.3	121	33.9	129	37.4	137	40.8	146	41.2	149	41.5
		31	87.1	22.9	104	29.1	121	36.1	129	39.9	137	42.4	143	42.8	146	43.2
		33	87.1	24.3	104	31.0	121	38.5	129	42.6	137	44.0	141	44.4	144	44.8
		35	87.1	25.9	104	33.0	121	41.1	129	45.5	136	45.6	139	46.0	142	46.4
		37	87.1	27.5	104	35.1	121	43.8	129	47.0	134	47.3	137	47.7	140	48.1
		39	87.1	29.2	104	37.4	121	46.6	128	48.6	130	48.9	132	49.3	135	49.8

3 Capacity tables

3-1 Cooling capacity

3-1-20 46HP

46HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	1,035	10	78.4	14.0	93.5	16.9	109	20.0	116	21.5	124	23.1	139	26.4	154	29.8
		12	78.4	14.3	93.5	17.2	109	20.3	116	21.9	124	23.6	139	26.9	154	30.4
		14	78.4	14.5	93.5	17.5	109	20.7	116	22.4	124	24.0	139	27.5	154	30.9
		16	78.4	14.8	93.5	17.8	109	21.1	116	22.8	124	24.5	139	28.0	154	31.5
		18	78.4	15.0	93.5	18.2	109	21.5	116	23.2	124	25.0	139	28.6	154	32.4
		20	78.4	15.3	93.5	18.5	109	21.9	116	23.7	124	25.9	139	30.7	154	34.0
		21	78.4	15.4	93.5	18.7	109	22.3	116	24.5	124	26.8	139	31.8	154	34.8
		23	78.4	15.7	93.5	19.5	109	23.9	116	26.3	124	28.8	139	34.1	152	36.4
		25	78.4	16.6	93.5	20.8	109	25.5	116	28.1	124	30.8	139	36.5	150	38.0
		27	78.4	17.6	93.5	22.2	109	27.3	116	30.0	124	32.9	139	39.1	148	39.6
		29	78.4	18.8	93.5	23.6	109	29.1	116	32.0	124	35.1	139	40.9	146	41.2
		31	78.4	20.0	93.5	25.2	109	31.0	116	34.2	124	37.5	139	42.5	143	42.8
		33	78.4	21.2	93.5	26.8	109	33.0	116	36.4	124	40.0	138	44.1	141	44.4
		35	78.4	22.5	93.5	28.5	109	35.2	116	38.8	124	42.6	136	45.7	139	46.0
		37	78.4	23.9	93.5	30.3	109	37.5	116	41.3	124	45.4	134	47.3	137	47.7
		39	78.4	25.3	93.5	32.2	109	39.9	116	44.0	124	48.4	131	48.9	134	49.3
80	920	10	69.6	12.4	83.1	14.9	96.5	17.5	103	18.9	110	20.2	123	23.1	137	26.0
		12	69.6	12.6	83.1	15.2	96.5	17.8	103	19.2	110	20.6	123	23.5	137	26.5
		14	69.6	12.9	83.1	15.4	96.5	18.1	103	19.6	110	21.0	123	24.0	137	27.0
		16	69.6	13.1	83.1	15.7	96.5	18.5	103	19.9	110	21.4	123	24.4	137	27.5
		18	69.6	13.3	83.1	16.0	96.5	18.8	103	20.3	110	21.8	123	24.9	137	28.1
		20	69.6	13.5	83.1	16.3	96.5	19.2	103	20.7	110	22.3	123	25.8	137	30.0
		21	69.6	13.7	83.1	16.4	96.5	19.4	103	20.9	110	22.7	123	26.7	137	31.1
		23	69.6	13.9	83.1	16.8	96.5	20.3	103	22.3	110	24.3	123	28.6	137	33.4
		25	69.6	14.4	83.1	17.8	96.5	21.7	103	23.8	110	26.0	123	30.7	137	35.7
		27	69.6	15.3	83.1	19.0	96.5	23.2	103	25.4	110	27.8	123	32.8	137	38.2
		29	69.6	16.2	83.1	20.2	96.5	24.7	103	27.1	110	29.6	123	35.0	137	40.8
		31	69.6	17.2	83.1	21.5	96.5	26.3	103	28.9	110	31.6	123	37.3	137	42.4
		33	69.6	18.3	83.1	22.9	96.5	28.0	103	30.8	110	33.6	123	39.8	137	44.0
		35	69.6	19.4	83.1	24.3	96.5	29.8	103	32.7	110	35.8	123	42.5	136	45.6
		37	69.6	20.6	83.1	25.8	96.5	31.7	103	34.8	110	38.1	123	45.3	133	47.2
		39	69.6	21.8	83.1	27.4	96.5	33.7	103	37.0	110	40.6	123	48.2	131	48.9
70	805	10	60.9	10.9	72.7	13.0	84.4	15.2	90.3	16.3	96.2	17.4	108	19.8	120	22.3
		12	60.9	11.1	72.7	13.2	84.4	15.4	90.3	16.6	96.2	17.8	108	20.2	120	22.7
		14	60.9	11.3	72.7	13.4	84.4	15.7	90.3	16.9	96.2	18.1	108	20.6	120	23.1
		16	60.9	11.5	72.7	13.6	84.4	16.0	90.3	17.2	96.2	18.4	108	21.0	120	23.6
		18	60.9	11.6	72.7	13.9	84.4	16.3	90.3	17.5	96.2	18.8	108	21.4	120	24.1
		20	60.9	11.8	72.7	14.1	84.4	16.6	90.3	17.8	96.2	19.1	108	21.8	120	24.7
		21	60.9	11.9	72.7	14.3	84.4	16.7	90.3	18.0	96.2	19.3	108	22.1	120	25.6
		23	60.9	12.2	72.7	14.5	84.4	17.1	90.3	18.6	96.2	20.2	108	23.7	120	27.4
		25	60.9	12.4	72.7	15.1	84.4	18.2	90.3	19.9	96.2	21.6	108	25.3	120	29.3
		27	60.9	13.1	72.7	16.1	84.4	19.4	90.3	21.2	96.2	23.1	108	27.0	120	31.4
		29	60.9	13.9	72.7	17.1	84.4	20.7	90.3	22.6	96.2	24.6	108	28.9	120	33.5
		31	60.9	14.7	72.7	18.2	84.4	22.0	90.3	24.0	96.2	26.2	108	30.8	120	35.7
		33	60.9	15.6	72.7	19.3	84.4	23.4	90.3	25.6	96.2	27.9	108	32.8	120	38.1
		35	60.9	16.5	72.7	20.4	84.4	24.8	90.3	27.2	96.2	29.6	108	34.9	120	40.6
		37	60.9	17.5	72.7	21.7	84.4	26.4	90.3	28.9	96.2	31.5	108	37.1	120	43.2
		39	60.9	18.5	72.7	23.0	84.4	28.0	90.3	30.7	96.2	33.5	108	39.5	120	46.1
60	690	10	52.2	9.52	62.3	11.2	72.4	12.9	77.4	13.8	82.4	14.8	92.5	16.7	103	18.7
		12	52.2	9.65	62.3	11.3	72.4	13.1	77.4	14.1	82.4	15.0	92.5	17.0	103	19.1
		14	52.2	9.79	62.3	11.5	72.4	13.4	77.4	14.3	82.4	15.3	92.5	17.3	103	19.4
		16	52.2	9.94	62.3	11.7	72.4	13.6	77.4	14.6	82.4	15.6	92.5	17.6	103	19.8
		18	52.2	10.1	62.3	11.9	72.4	13.8	77.4	14.8	82.4	15.9	92.5	18.0	103	20.2
		20	52.2	10.2	62.3	12.1	72.4	14.1	77.4	15.1	82.4	16.1	92.5	18.3	103	20.6
		21	52.2	10.3	62.3	12.2	72.4	14.2	77.4	15.2	82.4	16.3	92.5	18.5	103	20.8
		23	52.2	10.5	62.3	12.4	72.4	14.5	77.4	15.5	82.4	16.6	92.5	19.2	103	22.1
		25	52.2	10.7	62.3	12.6	72.4	15.0	77.4	16.3	82.4	17.7	92.5	20.5	103	23.6
		27	52.2	11.1	62.3	13.4	72.4	16.0	77.4	17.4	82.4	18.8	92.5	21.9	103	25.2
		29	52.2	11.7	62.3	14.2	72.4	17.0	77.4	18.5	82.4	20.0	92.5	23.3	103	26.9
		31	52.2	12.4	62.3	15.1	72.4	18.1	77.4	19.6	82.4	21.3	92.5	24.8	103	28.6
		33	52.2	13.1	62.3	16.0	72.4	19.2	77.4	20.9	82.4	22.6	92.5	26.4	103	30.5
		35	52.2	13.9	62.3	16.9	72.4	20.3	77.4	22.2	82.4	24.0	92.5	28.1	103	32.4
		37	52.2	14.7	62.3	17.9	72.4	21.6	77.4	23.5	82.4	25.5	92.5	29.9	103	34.5
		39	52.2	15.5	62.3	19.0	72.4	22.9	77.4	24.9	82.4	27.1	92.5	31.7	103	36.7

3 Capacity tables

3-1 Cooling capacity

3-1-20 46HP

46HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50	575	10	43.5	8.18	51.9	9.47	60.3	10.8	64.5	11.5	68.7	12.3	77.1	13.8	85.5	15.4
		12	43.5	8.28	51.9	9.60	60.3	11.0	64.5	11.7	68.7	12.5	77.1	14.0	85.5	15.6
		14	43.5	8.39	51.9	9.74	60.3	11.2	64.5	11.9	68.7	12.7	77.1	14.3	85.5	15.9
		16	43.5	8.51	51.9	9.88	60.3	11.3	64.5	12.1	68.7	12.9	77.1	14.5	85.5	16.2
		18	43.5	8.63	51.9	10.0	60.3	11.5	64.5	12.3	68.7	13.1	77.1	14.8	85.5	16.5
		20	43.5	8.75	51.9	10.2	60.3	11.7	64.5	12.5	68.7	13.3	77.1	15.0	85.5	16.8
		21	43.5	8.81	51.9	10.3	60.3	11.8	64.5	12.6	68.7	13.5	77.1	15.2	85.5	17.0
		23	43.5	8.95	51.9	10.4	60.3	12.0	64.5	12.9	68.7	13.7	77.1	15.5	85.5	17.3
		25	43.5	9.08	51.9	10.6	60.3	12.2	64.5	13.1	68.7	14.1	77.1	16.2	85.5	18.5
		27	43.5	9.23	51.9	11.0	60.3	12.9	64.5	14.0	68.7	15.0	77.1	17.3	85.5	19.7
		29	43.5	9.76	51.9	11.6	60.3	13.7	64.5	14.8	68.7	16.0	77.1	18.4	85.5	21.0
		31	43.5	10.3	51.9	12.3	60.3	14.5	64.5	15.7	68.7	16.9	77.1	19.5	85.5	22.3
		33	43.5	10.9	51.9	13.0	60.3	15.4	64.5	16.7	68.7	18.0	77.1	20.8	85.5	23.7
		35	43.5	11.5	51.9	13.8	60.3	16.3	64.5	17.7	68.7	19.1	77.1	22.0	85.5	25.2
		37	43.5	12.1	51.9	14.6	60.3	17.3	64.5	18.7	68.7	20.2	77.1	23.4	85.5	26.8
		39	43.5	12.8	51.9	15.4	60.3	18.3	64.5	19.8	68.7	21.4	77.1	24.8	85.5	28.5

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3 Capacity tables

3-1 Cooling capacity

3-1-21 48HP

48HP																		
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB															
			14,0		16,0		18,0		19,0		20,0		22,0		24,0			
			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	kW	
130	1,560	10	117	21.6	140	26.4	162	31.4	174	32.1	177	31.4	181	30.1	185	28.7		
		12	117	22.0	140	26.9	162	32.0	173	31.9	175	31.2	179	29.9	183	29.4		
		14	117	22.4	140	27.4	162	32.4	170	31.7	172	31.1	177	30.8	181	31.1		
		16	117	22.8	140	28.0	162	32.3	168	32.0	170	32.2	174	32.5	179	32.8		
		18	117	23.3	140	28.5	162	33.5	166	33.7	168	33.8	172	34.1	176	34.5		
		20	117	23.7	140	30.4	161	35.1	164	35.3	166	35.5	170	35.8	174	36.2		
		21	117	24.4	140	31.5	160	35.9	162	36.1	164	36.3	169	36.7	173	37.0		
		23	117	26.1	140	33.7	158	37.6	160	37.8	162	38.0	166	38.3	171	38.7		
		25	117	27.9	140	36.1	156	39.2	158	39.4	160	39.6	164	40.0	168	40.4		
		27	117	29.8	140	38.6	153	40.9	156	41.1	158	41.3	162	41.7	166	42.2		
		29	117	31.8	140	41.3	151	42.5	153	42.8	155	43.0	160	43.4	164	43.9		
		31	117	34.0	140	43.7	149	44.2	151	44.4	153	44.7	157	45.2	162	45.6		
		33	117	36.2	140	45.4	147	45.9	149	46.1	151	46.4	155	46.9	159	47.4		
		35	117	38.6	140	47.0	144	47.5	146	47.8	148	48.1	150	48.6	152	49.2		
		37	117	41.1	133	48.7	135	49.2	136	49.5	137	49.8	140	50.4	142	50.9		
		39	117	43.7	123	50.3	125	50.9	126	51.2	127	51.5	129	52.1	132	52.7		
		120	1,440	10	108	19.7	129	24.1	150	28.6	160	31.0	171	32.2	178	31.0	182	29.8
				12	108	20.1	129	24.5	150	29.2	160	31.5	171	32.1	176	30.9	180	29.6
				14	108	20.4	129	25.0	150	29.7	160	32.1	170	31.9	174	30.7	178	30.9
16	108			20.8	129	25.5	150	30.3	160	32.4	168	32.0	171	32.3	175	32.5		
18	108			21.2	129	26.0	150	31.4	160	33.5	165	33.6	169	33.9	173	34.2		
20	108			21.7	129	27.0	150	33.7	160	35.1	163	35.3	167	35.6	171	35.9		
21	108			21.9	129	28.0	150	34.9	160	35.9	162	36.1	166	36.4	170	36.7		
23	108			23.4	129	30.0	150	37.4	158	37.5	160	37.7	163	38.1	167	38.4		
25	108			25.0	129	32.1	150	39.0	155	39.2	157	39.4	161	39.7	165	40.1		
27	108			26.6	129	34.3	150	40.6	153	40.8	155	41.0	159	41.4	163	41.8		
29	108			28.4	129	36.6	149	42.3	151	42.5	153	42.7	157	43.1	161	43.5		
31	108			30.3	129	39.1	147	43.9	148	44.2	150	44.4	154	44.8	158	45.3		
33	108			32.3	129	41.7	144	45.6	146	45.8	148	46.1	152	46.5	156	47.0		
35	108			34.3	129	44.5	142	47.2	144	47.5	146	47.7	150	48.2	152	48.7		
37	108			36.6	129	47.4	135	48.9	136	49.2	137	49.4	140	50.0	142	50.5		
39	108			38.9	123	50.0	125	50.6	126	50.9	127	51.2	129	51.7	132	52.3		
110	1,320			10	99.1	17.9	118	21.8	137	25.9	147	28.0	156	30.1	175	32.0	179	30.9
				12	99.1	18.2	118	22.2	137	26.4	147	28.5	156	30.7	173	31.8	177	30.7
				14	99.1	18.6	118	22.6	137	26.9	147	29.1	156	31.3	171	31.6	174	30.7
		16	99.1	18.9	118	23.1	137	27.4	147	29.6	156	31.9	168	32.0	172	32.3		
		18	99.1	19.3	118	23.5	137	28.0	147	30.4	156	33.4	166	33.7	170	34.0		
		20	99.1	19.6	118	24.0	137	29.6	147	32.7	156	35.0	164	35.3	167	35.6		
		21	99.1	19.8	118	24.7	137	30.7	147	33.9	156	35.8	163	36.2	166	36.5		
		23	99.1	20.8	118	26.5	137	32.9	147	36.4	156	37.5	160	37.8	164	38.1		
		25	99.1	22.2	118	28.3	137	35.2	147	38.9	155	39.1	158	39.5	162	39.8		
		27	99.1	23.6	118	30.2	137	37.6	147	40.6	152	40.8	156	41.1	159	41.5		
		29	99.1	25.2	118	32.3	137	40.2	147	42.2	150	42.4	154	42.8	157	43.2		
		31	99.1	26.8	118	34.4	137	43.0	146	43.9	148	44.1	151	44.5	155	44.9		
		33	99.1	28.6	118	36.7	137	45.3	144	45.5	145	45.7	149	46.2	153	46.6		
		35	99.1	30.4	118	39.1	137	47.0	141	47.2	143	47.4	147	47.9	150	48.3		
		37	99.1	32.3	118	41.6	135	48.6	136	48.8	137	49.1	140	49.6	142	50.0		
		39	99.1	34.3	118	44.3	125	50.3	126	50.5	127	50.8	129	51.3	132	51.8		
		100	1,200	10	90.1	16.1	107	19.6	125	23.2	134	25.1	142	27.0	160	30.8	176	31.9
				12	90.1	16.4	107	19.9	125	23.6	134	25.5	142	27.5	160	31.4	173	31.7
				14	90.1	16.7	107	20.3	125	24.1	134	26.0	142	28.0	160	32.0	171	31.5
16	90.1			17.0	107	20.7	125	24.5	134	26.5	142	28.5	160	32.4	169	32.1		
18	90.1			17.3	107	21.1	125	25.0	134	27.1	142	29.1	160	33.5	166	33.7		
20	90.1			17.7	107	21.5	125	25.8	134	28.4	142	31.2	160	35.1	164	35.3		
21	90.1			17.8	107	21.7	125	26.7	134	29.4	142	32.3	160	35.9	163	36.2		
23	90.1			18.3	107	23.2	125	28.6	134	31.5	142	34.6	157	37.5	161	37.8		
25	90.1			19.5	107	24.8	125	30.6	134	33.8	142	37.1	155	39.2	158	39.5		
27	90.1			20.8	107	26.4	125	32.7	134	36.1	142	39.7	153	40.8	156	41.2		
29	90.1			22.2	107	28.2	125	34.9	134	38.6	142	42.1	151	42.5	154	42.8		
31	90.1			23.6	107	30.0	125	37.3	134	41.2	142	43.8	148	44.1	152	44.5		
33	90.1			25.1	107	32.0	125	39.7	134	43.9	142	45.4	146	45.8	149	46.2		
35	90.1			26.7	107	34.1	125	42.4	134	46.9	141	47.1	144	47.5	147	47.9		
37	90.1			28.3	107	36.2	125	45.1	134	48.5	137	48.7	140	49.2	142	49.6		
39	90.1			30.1	107	38.5	125	48.1	126	50.2	127	50.4	129	50.9	132	51.3		

TC: Total capacity ; PI: Power input

3 Capacity tables

3-1 Cooling capacity

3-1-21 48HP

48HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	1,080	10	81.1	14.5	96.7	17.4	112	20.6	120	22.2	128	23.9	144	27.3	159	30.7
		12	81.1	14.7	96.7	17.7	112	21.0	120	22.6	128	24.3	144	27.8	159	31.3
		14	81.1	15.0	96.7	18.1	112	21.4	120	23.1	128	24.8	144	28.3	159	31.9
		16	81.1	15.2	96.7	18.4	112	21.8	120	23.5	128	25.3	144	28.9	159	32.4
		18	81.1	15.5	96.7	18.7	112	22.2	120	24.0	128	25.8	144	29.4	159	33.4
		20	81.1	15.8	96.7	19.1	112	22.6	120	24.4	128	26.7	144	31.6	159	35.1
		21	81.1	15.9	96.7	19.3	112	23.0	120	25.3	128	27.7	144	32.8	159	35.9
		23	81.1	16.2	96.7	20.1	112	24.6	120	27.1	128	29.7	144	35.1	157	37.5
		25	81.1	17.1	96.7	21.5	112	26.3	120	29.0	128	31.7	144	37.6	155	39.2
		27	81.1	18.2	96.7	22.9	112	28.1	120	30.9	128	33.9	144	40.3	153	40.8
		29	81.1	19.4	96.7	24.4	112	30.0	120	33.0	128	36.2	144	42.2	151	42.5
		31	81.1	20.6	96.7	26.0	112	32.0	120	35.2	128	38.7	144	43.8	148	44.1
		33	81.1	21.9	96.7	27.6	112	34.1	120	37.6	128	41.2	143	45.4	146	45.8
		35	81.1	23.2	96.7	29.4	112	36.3	120	40.0	128	44.0	141	47.1	144	47.5
		37	81.1	24.6	96.7	31.2	112	38.6	120	42.6	128	46.8	139	48.8	141	49.2
		39	81.1	26.1	96.7	33.2	112	41.1	120	45.4	127	49.9	129	50.4	132	50.8
80	960	10	72.1	12.8	86.0	15.4	99.9	18.1	107	19.4	114	20.9	128	23.8	142	26.8
		12	72.1	13.0	86.0	15.6	99.9	18.4	107	19.8	114	21.3	128	24.2	142	27.3
		14	72.1	13.3	86.0	15.9	99.9	18.7	107	20.2	114	21.7	128	24.7	142	27.8
		16	72.1	13.5	86.0	16.2	99.9	19.1	107	20.6	114	22.1	128	25.2	142	28.4
		18	72.1	13.7	86.0	16.5	99.9	19.4	107	20.9	114	22.5	128	25.7	142	28.9
		20	72.1	14.0	86.0	16.8	99.9	19.8	107	21.4	114	22.9	128	26.6	142	31.0
		21	72.1	14.1	86.0	17.0	99.9	20.0	107	21.6	114	23.4	128	27.6	142	32.1
		23	72.1	14.3	86.0	17.3	99.9	21.0	107	23.0	114	25.1	128	29.5	142	34.4
		25	72.1	14.8	86.0	18.4	99.9	22.4	107	24.5	114	26.8	128	31.6	142	36.8
		27	72.1	15.7	86.0	19.6	99.9	23.9	107	26.2	114	28.6	128	33.8	142	39.4
		29	72.1	16.7	86.0	20.9	99.9	25.5	107	27.9	114	30.5	128	36.1	142	42.1
		31	72.1	17.8	86.0	22.2	99.9	27.1	107	29.8	114	32.6	128	38.5	142	43.8
		33	72.1	18.9	86.0	23.6	99.9	28.9	107	31.7	114	34.7	128	41.1	142	45.4
		35	72.1	20.0	86.0	25.1	99.9	30.7	107	33.8	114	37.0	128	43.8	140	47.1
		37	72.1	21.2	86.0	26.6	99.9	32.7	107	35.9	114	39.3	128	46.7	138	48.7
		39	72.1	22.5	86.0	28.2	99.9	34.7	107	38.2	114	41.9	128	49.7	132	50.4
70	840	10	63.1	11.3	75.2	13.4	87.4	15.6	93.5	16.8	99.5	18.0	112	20.4	124	23.0
		12	63.1	11.5	75.2	13.6	87.4	15.9	93.5	17.1	99.5	18.3	112	20.8	124	23.4
		14	63.1	11.6	75.2	13.8	87.4	16.2	93.5	17.4	99.5	18.6	112	21.2	124	23.9
		16	63.1	11.8	75.2	14.1	87.4	16.5	93.5	17.7	99.5	19.0	112	21.6	124	24.3
		18	63.1	12.0	75.2	14.3	87.4	16.8	93.5	18.0	99.5	19.4	112	22.0	124	24.8
		20	63.1	12.2	75.2	14.6	87.4	17.1	93.5	18.4	99.5	19.7	112	22.5	124	25.5
		21	63.1	12.3	75.2	14.7	87.4	17.3	93.5	18.6	99.5	19.9	112	22.8	124	26.4
		23	63.1	12.5	75.2	15.0	87.4	17.6	93.5	19.2	99.5	20.9	112	24.4	124	28.3
		25	63.1	12.8	75.2	15.6	87.4	18.8	93.5	20.5	99.5	22.3	112	26.1	124	30.3
		27	63.1	13.5	75.2	16.6	87.4	20.0	93.5	21.9	99.5	23.8	112	27.9	124	32.3
		29	63.1	14.3	75.2	17.6	87.4	21.3	93.5	23.3	99.5	25.3	112	29.8	124	34.5
		31	63.1	15.2	75.2	18.7	87.4	22.7	93.5	24.8	99.5	27.0	112	31.7	124	36.8
		33	63.1	16.1	75.2	19.9	87.4	24.1	93.5	26.4	99.5	28.7	112	33.8	124	39.3
		35	63.1	17.0	75.2	21.1	87.4	25.6	93.5	28.0	99.5	30.6	112	36.0	124	41.9
		37	63.1	18.0	75.2	22.4	87.4	27.2	93.5	29.8	99.5	32.5	112	38.3	124	44.6
		39	63.1	19.1	75.2	23.7	87.4	28.9	93.5	31.6	99.5	34.6	112	40.8	124	47.5
60	720	10	54.1	9.81	64.5	11.5	74.9	13.3	80.1	14.3	85.3	15.2	95.7	17.2	106	19.3
		12	54.1	9.95	64.5	11.7	74.9	13.5	80.1	14.5	85.3	15.5	95.7	17.5	106	19.7
		14	54.1	10.1	64.5	11.9	74.9	13.8	80.1	14.8	85.3	15.8	95.7	17.9	106	20.0
		16	54.1	10.2	64.5	12.1	74.9	14.0	80.1	15.0	85.3	16.1	95.7	18.2	106	20.4
		18	54.1	10.4	64.5	12.3	74.9	14.3	80.1	15.3	85.3	16.3	95.7	18.5	106	20.8
		20	54.1	10.6	64.5	12.5	74.9	14.5	80.1	15.6	85.3	16.7	95.7	18.9	106	21.2
		21	54.1	10.7	64.5	12.6	74.9	14.6	80.1	15.7	85.3	16.8	95.7	19.1	106	21.4
		23	54.1	10.8	64.5	12.8	74.9	14.9	80.1	16.0	85.3	17.1	95.7	19.8	106	22.8
		25	54.1	11.0	64.5	13.0	74.9	15.5	80.1	16.8	85.3	18.2	95.7	21.2	106	24.3
		27	54.1	11.4	64.5	13.8	74.9	16.5	80.1	17.9	85.3	19.4	95.7	22.6	106	26.0
		29	54.1	12.1	64.5	14.7	74.9	17.5	80.1	19.1	85.3	20.7	95.7	24.0	106	27.7
		31	54.1	12.8	64.5	15.6	74.9	18.6	80.1	20.3	85.3	22.0	95.7	25.6	106	29.5
		33	54.1	13.5	64.5	16.5	74.9	19.8	80.1	21.5	85.3	23.3	95.7	27.2	106	31.4
		35	54.1	14.3	64.5	17.5	74.9	21.0	80.1	22.8	85.3	24.8	95.7	29.0	106	33.5
		37	54.1	15.1	64.5	18.5	74.9	22.2	80.1	24.2	85.3	26.3	95.7	30.8	106	35.6
		39	54.1	16.0	64.5	19.6	74.9	23.6	80.1	25.7	85.3	28.0	95.7	32.7	106	37.9

3 Capacity tables

3-1 Cooling capacity

3-1-21 48HP

48HP		TC: Total capacity ; PI: Power input														
Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW		kW		kW		kW		kW		kW		kW		
50	600	10	45.0	8.44	53.7	9.76	62.4	11.2	66.8	11.9	71.1	12.7	79.8	14.2	88.5	15.8
		12	45.0	8.54	53.7	9.90	62.4	11.3	66.8	12.1	71.1	12.9	79.8	14.5	88.5	16.1
		14	45.0	8.66	53.7	10.0	62.4	11.5	66.8	12.3	71.1	13.1	79.8	14.7	88.5	16.4
		16	45.0	8.77	53.7	10.2	62.4	11.7	66.8	12.5	71.1	13.3	79.8	15.0	88.5	16.7
		18	45.0	8.90	53.7	10.3	62.4	11.9	66.8	12.7	71.1	13.5	79.8	15.2	88.5	17.0
		20	45.0	9.02	53.7	10.5	62.4	12.1	66.8	12.9	71.1	13.8	79.8	15.5	88.5	17.3
		21	45.0	9.09	53.7	10.6	62.4	12.2	66.8	13.0	71.1	13.9	79.8	15.6	88.5	17.5
		23	45.0	9.22	53.7	10.8	62.4	12.4	66.8	13.3	71.1	14.1	79.8	15.9	88.5	17.9
		25	45.0	9.37	53.7	10.9	62.4	12.6	66.8	13.5	71.1	14.6	79.8	16.7	88.5	19.1
		27	45.0	9.52	53.7	11.3	62.4	13.3	66.8	14.4	71.1	15.5	79.8	17.8	88.5	20.3
		29	45.0	10.1	53.7	12.0	62.4	14.1	66.8	15.3	71.1	16.5	79.8	19.0	88.5	21.6
		31	45.0	10.6	53.7	12.7	62.4	15.0	66.8	16.2	71.1	17.5	79.8	20.2	88.5	23.0
		33	45.0	11.2	53.7	13.5	62.4	15.9	66.8	17.2	71.1	18.5	79.8	21.4	88.5	24.5
		35	45.0	11.9	53.7	14.2	62.4	16.8	66.8	18.2	71.1	19.7	79.8	22.7	88.5	26.0
		37	45.0	12.5	53.7	15.0	62.4	17.8	66.8	19.3	71.1	20.8	79.8	24.1	88.5	27.6
		39	45.0	13.2	53.7	15.9	62.4	18.8	66.8	20.4	71.1	22.1	79.8	25.6	88.5	29.4

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3 Capacity tables

3-2 Heating capacity

3-2-1 8HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
130	260	°CDB	°CWB													
		-19.8	-20.0	15.9	4.49	15.9	4.83	15.8	5.17	15.8	5.34	15.7	5.51	15.7	5.84	
		-18.8	-19.0	16.4	4.68	16.3	5.00	16.3	5.33	16.2	5.49	16.2	5.66	16.1	5.99	
		-16.7	-17.0	17.3	5.01	17.3	5.32	17.2	5.63	17.2	5.78	17.1	5.94	17.1	6.25	
		-14.7	-15.0	18.3	5.31	18.2	5.60	18.1	5.90	18.1	6.04	18.1	6.19	18.0	6.48	
		-12.6	-13.0	19.2	5.58	19.1	5.86	19.1	6.14	19.1	6.28	19.0	6.41	19.0	6.69	
		-10.5	-11.0	20.1	5.83	20.1	6.09	20.0	6.35	20.0	6.49	20.0	6.62	19.9	6.88	
		-9.5	-10.0	20.6	5.94	20.6	6.20	20.5	6.45	20.5	6.58	20.4	6.71	20.4	6.97	
		-8.5	-9.1	21.0	6.04	21.0	6.29	20.9	6.54	20.9	6.67	20.9	6.79	20.8	7.05	
		-7.0	-7.6	21.7	6.19	21.7	6.44	21.6	6.68	21.6	6.80	21.6	6.92	21.5	7.17	
		-5.0	-5.6	22.7	6.38	22.6	6.62	22.6	6.85	22.5	6.97	22.5	7.08	22.5	7.32	
		-3.0	-3.7	23.6	6.55	23.5	6.77	23.5	7.00	23.4	7.11	23.4	7.22	23.3	7.45	
		0.0	-0.7	25.0	6.79	24.9	7.00	24.9	7.21	24.8	7.32	24.8	7.43	24.8	7.64	
		3.0	2.2	26.4	7.00	26.3	7.20	26.2	7.40	26.2	7.50	26.2	7.60	26.1	7.80	
		5.0	4.1	27.2	7.12	27.2	7.32	27.1	7.51	27.1	7.61	27.1	7.70	27.0	7.90	
		7.0	6.0	28.1	7.24	28.1	7.43	28.0	7.62	28.0	7.71	28.0	7.80	27.9	7.99	
		9.0	7.9	29.0	7.35	29.0	7.53	28.9	7.71	28.9	7.81	28.9	7.90	28.3	7.87	
11.0	9.8	29.9	7.46	29.9	7.63	29.8	7.81	29.8	7.90	29.8	7.98	28.3	7.58			
13.0	11.8	30.9	7.56	30.8	7.73	30.8	7.90	30.7	7.99	30.4	7.95	28.3	7.29			
15.0	13.7	31.8	7.65	31.7	7.82	31.6	7.98	31.5	8.00	30.4	7.68	28.3	7.05			
120	240	-19.8	-20.0	15.8	4.95	15.8	5.26	15.7	5.57	15.7	5.73	15.7	5.88	15.6	6.20	
		-18.8	-19.0	16.3	5.12	16.2	5.42	16.2	5.72	16.2	5.87	16.1	6.03	16.1	6.33	
		-16.7	-17.0	17.2	5.43	17.2	5.71	17.1	6.00	17.1	6.14	17.1	6.28	17.0	6.57	
		-14.7	-15.0	18.2	5.71	18.1	5.98	18.1	6.25	18.1	6.38	18.0	6.52	18.0	6.79	
		-12.6	-13.0	19.1	5.96	19.1	6.21	19.0	6.47	19.0	6.60	19.0	6.72	18.9	6.98	
		-10.5	-11.0	20.1	6.18	20.0	6.43	20.0	6.67	19.9	6.79	19.9	6.91	19.9	7.16	
		-9.5	-10.0	20.5	6.29	20.5	6.53	20.4	6.76	20.4	6.88	20.4	7.00	20.3	7.24	
		-8.5	-9.1	21.0	6.38	20.9	6.61	20.9	6.84	20.8	6.96	20.8	7.08	20.7	7.31	
		-7.0	-7.6	21.7	6.52	21.6	6.75	21.6	6.97	21.5	7.08	21.5	7.20	21.5	7.42	
		-5.0	-5.6	22.6	6.70	22.6	6.91	22.5	7.13	22.5	7.24	22.4	7.35	22.4	7.56	
		-3.0	-3.7	23.5	6.85	23.4	7.06	23.4	7.27	23.4	7.37	23.3	7.48	23.3	7.68	
		0.0	-0.7	24.9	7.08	24.9	7.27	24.8	7.47	24.8	7.56	24.8	7.66	24.7	7.86	
		3.0	2.2	26.3	7.27	26.2	7.45	26.2	7.64	26.1	7.73	26.1	7.82	26.1	8.01	
		5.0	4.1	27.2	7.39	27.1	7.56	27.1	7.74	27.0	7.83	27.0	7.92	26.1	7.72	
		7.0	6.0	28.1	7.49	28.0	7.67	28.0	7.84	27.9	7.93	27.9	8.01	26.1	7.42	
		9.0	7.9	29.0	7.60	28.9	7.76	28.9	7.93	28.8	8.02	28.1	7.78	26.1	7.14	
		11.0	9.8	29.9	7.69	29.8	7.86	29.7	8.02	29.0	7.81	28.1	7.50	26.1	6.88	
13.0	11.8	30.8	7.79	30.7	7.95	30.0	7.82	29.0	7.52	28.1	7.22	26.1	6.63			
15.0	13.7	31.7	7.88	31.6	8.03	30.0	7.55	29.0	7.26	28.1	6.97	26.1	6.41			
110	220	-19.8	-20.0	15.8	5.40	15.7	5.69	15.7	5.98	15.6	6.12	15.6	6.26	15.6	6.55	
		-18.8	-19.0	16.2	5.56	16.2	5.84	16.1	6.12	16.1	6.25	16.1	6.39	16.0	6.67	
		-16.7	-17.0	17.2	5.85	17.1	6.11	17.1	6.37	17.0	6.50	17.0	6.63	17.0	6.89	
		-14.7	-15.0	18.1	6.10	18.1	6.35	18.0	6.60	18.0	6.72	18.0	6.84	17.9	7.09	
		-12.6	-13.0	19.0	6.33	19.0	6.57	19.0	6.80	18.9	6.92	18.9	7.04	18.9	7.27	
		-10.5	-11.0	20.0	6.54	19.9	6.76	19.9	6.99	19.9	7.10	19.8	7.21	19.8	7.43	
		-9.5	-10.0	20.5	6.64	20.4	6.85	20.4	7.07	20.3	7.18	20.3	7.29	20.3	7.51	
		-8.5	-9.1	20.9	6.72	20.8	6.93	20.8	7.15	20.8	7.25	20.7	7.36	20.7	7.57	
		-7.0	-7.6	21.6	6.85	21.5	7.06	21.5	7.26	21.5	7.37	21.4	7.47	21.4	7.68	
		-5.0	-5.6	22.5	7.01	22.5	7.21	22.4	7.41	22.4	7.51	22.4	7.61	22.3	7.80	
		-3.0	-3.7	23.4	7.16	23.4	7.35	23.3	7.54	23.3	7.63	23.3	7.73	23.2	7.92	
		0.0	-0.7	24.8	7.36	24.8	7.54	24.7	7.72	24.7	7.81	24.7	7.90	24.0	7.73	
		3.0	2.2	26.2	7.54	26.1	7.71	26.1	7.88	26.1	7.96	25.7	7.89	24.0	7.24	
		5.0	4.1	27.1	7.65	27.0	7.81	27.0	7.97	26.6	7.89	25.7	7.57	24.0	6.95	
		7.0	6.0	28.0	7.75	27.9	7.91	27.5	7.89	26.6	7.58	25.7	7.28	24.0	6.69	
		9.0	7.9	28.9	7.84	28.8	8.00	27.5	7.59	26.6	7.29	25.7	7.01	24.0	6.44	
		11.0	9.8	29.8	7.93	29.3	7.89	27.5	7.31	26.6	7.03	25.7	6.75	24.0	6.21	
13.0	11.8	30.7	8.02	29.3	7.59	27.5	7.04	26.6	6.77	25.7	6.51	24.0	5.99			
15.0	13.7	31.0	7.87	29.3	7.33	27.5	6.80	26.6	6.55	25.7	6.29	24.0	5.80			
100	200	-19.8	-20.0	15.7	5.86	15.6	6.12	15.6	6.38	15.6	6.51	15.5	6.64	15.5	6.90	
		-18.8	-19.0	16.1	6.00	16.1	6.26	16.1	6.51	16.0	6.63	16.0	6.76	16.0	7.01	
		-16.7	-17.0	17.1	6.26	17.0	6.50	17.0	6.74	17.0	6.86	17.0	6.98	16.9	7.21	
		-14.7	-15.0	18.0	6.50	18.0	6.72	17.9	6.95	17.9	7.06	17.9	7.17	17.9	7.40	
		-12.6	-13.0	19.0	6.71	18.9	6.92	18.9	7.13	18.9	7.24	18.8	7.35	18.8	7.56	
		-10.5	-11.0	19.9	6.90	19.9	7.10	19.8	7.30	19.8	7.40	19.8	7.51	19.7	7.71	
		-9.5	-10.0	20.4	6.98	20.3	7.18	20.3	7.38	20.3	7.48	20.2	7.58	20.2	7.78	
		-8.5	-9.1	20.8	7.06	20.8	7.25	20.7	7.45	20.7	7.55	20.7	7.64	20.6	7.84	
		-7.0	-7.6	21.5	7.18	21.5	7.37	21.4	7.56	21.4	7.65	21.4	7.74	21.3	7.93	
		-5.0	-5.6	22.5	7.33	22.4	7.51	22.4	7.69	22.3	7.78	22.3	7.87	21.8	7.77	
		-3.0	-3.7	23.3	7.46	23.3	7.63	23.3	7.81	23.2	7.89	23.2	7.98	21.8	7.41	
		0.0	-0.7	24.8	7.65	24.7	7.81	24.7	7.97	24.2	7.82	23.4	7.51	21.8	6.89	
		3.0	2.2	26.1	7.81	26.1	7.96	25.0	7.62	24.2	7.32	23.4	7.03	21.8	6.47	
		5.0	4.1	27.0	7.91	26.6	7.89	25.0	7.31	24.2	7.03	23.4	6.75	21.8	6.21	
		7.0	6.0	27.9	8.00	26.6	7.58	25.0	7.03	24.2	6.76	23.4	6.50	21.8	5.98	
		9.0	7.9	28.2	7.83	26.6	7.29	25.0	6.77	24.2	6.51	23.4	6.26	21.8	5.77	
		11.0	9.8	28.2	7.54	26.6	7.03	25.0	6.53	24.2	6.28	23.4	6.04	21.8	5.57	
13.0	11.8	28.2	7.26	26.6	6.77	25.0	6.29	24.2	6.06	23.4	5.83	21.8	5.37			
15.0	13.7	28.2	7.01	26.6	6.54	25.0	6.08	24.2	5.86	23.4	5.64	21.8	5.20			

3 Capacity tables

3-2 Heating capacity

3-2-1 8HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW		kW		kW		kW		kW		kW	
90	180	-19.8	-20.0	15.6	6.32	15.6	6.55	15.5	6.79	15.5	6.90	15.5	7.02	15.4	7.25
		-18.8	-19.0	16.1	6.45	16.0	6.67	16.0	6.90	16.0	7.01	16.0	7.13	15.9	7.35
		-16.7	-17.0	17.0	6.68	17.0	6.90	16.9	7.11	16.9	7.22	16.9	7.32	16.9	7.54
		-14.7	-15.0	18.0	6.89	17.9	7.09	17.9	7.30	17.9	7.40	17.8	7.50	17.8	7.70
		-12.6	-13.0	18.9	7.08	18.9	7.27	18.8	7.47	18.8	7.56	18.8	7.66	18.7	7.85
		-10.5	-11.0	19.8	7.25	19.8	7.44	19.8	7.62	19.7	7.71	19.7	7.80	19.6	7.94
		-9.5	-10.0	20.3	7.33	20.3	7.51	20.2	7.69	20.2	7.78	20.2	7.87	19.6	7.71
		-8.5	-9.1	20.7	7.40	20.7	7.58	20.6	7.75	20.6	7.84	20.6	7.93	19.6	7.52
		-7.0	-7.6	21.4	7.51	21.4	7.68	21.4	7.85	21.3	7.93	21.1	7.86	19.6	7.21
		-5.0	-5.6	22.4	7.65	22.3	7.81	22.3	7.97	21.8	7.77	21.1	7.46	19.6	6.85
		-3.0	-3.7	23.3	7.76	23.2	7.92	22.5	7.70	21.8	7.40	21.1	7.11	19.6	6.53
		0.0	-0.7	24.7	7.93	23.9	7.73	22.5	7.16	21.8	6.89	21.1	6.62	19.6	6.09
		3.0	2.2	25.4	7.77	23.9	7.23	22.5	6.72	21.8	6.46	21.1	6.21	19.6	5.72
		5.0	4.1	25.4	7.45	23.9	6.94	22.5	6.45	21.8	6.21	21.1	5.97	19.6	5.50
		7.0	6.0	25.4	7.16	23.9	6.68	22.5	6.21	21.8	5.98	21.1	5.75	19.6	5.30
		9.0	7.9	25.4	6.89	23.9	6.43	22.5	5.98	21.8	5.76	21.1	5.55	19.6	5.12
		11.0	9.8	25.4	6.65	23.9	6.21	22.5	5.78	21.8	5.56	21.1	5.36	19.6	4.95
13.0	11.8	25.4	6.41	23.9	5.99	22.5	5.57	21.8	5.37	21.1	5.17	19.6	4.78		
15.0	13.7	25.4	6.20	23.9	5.79	22.5	5.39	21.8	5.20	21.1	5.01	19.6	4.63		
80	160	-19.8	-20.0	15.5	6.77	15.5	6.98	15.5	7.19	15.4	7.29	15.4	7.40	15.4	7.61
		-18.8	-19.0	16.0	6.89	16.0	7.09	15.9	7.29	15.9	7.39	15.9	7.49	15.9	7.70
		-16.7	-17.0	16.9	7.10	16.9	7.29	16.9	7.48	16.8	7.57	16.8	7.67	16.8	7.86
		-14.7	-15.0	17.9	7.29	17.8	7.47	17.8	7.65	17.8	7.74	17.8	7.83	17.4	7.79
		-12.6	-13.0	18.8	7.46	18.8	7.63	18.7	7.80	18.7	7.88	18.7	7.97	17.4	7.31
		-10.5	-11.0	19.8	7.61	19.7	7.77	19.7	7.93	19.4	7.82	18.7	7.50	17.4	6.89
		-9.5	-10.0	20.2	7.68	20.2	7.84	20.0	7.90	19.4	7.59	18.7	7.29	17.4	6.69
		-8.5	-9.1	20.7	7.74	20.6	7.90	20.0	7.70	19.4	7.40	18.7	7.11	17.4	6.53
		-7.0	-7.6	21.4	7.84	21.3	7.97	20.0	7.39	19.4	7.10	18.7	6.82	17.4	6.27
		-5.0	-5.6	22.3	7.96	21.3	7.56	20.0	7.01	19.4	6.74	18.7	6.48	17.4	5.96
		-3.0	-3.7	22.6	7.73	21.3	7.20	20.0	6.69	19.4	6.43	18.7	6.18	17.4	5.70
		0.0	-0.7	22.6	7.19	21.3	6.71	20.0	6.23	19.4	6.00	18.7	5.77	17.4	5.32
		3.0	2.2	22.6	6.74	21.3	6.29	20.0	5.85	19.4	5.64	18.7	5.43	17.4	5.01
		5.0	4.1	22.6	6.47	21.3	6.05	20.0	5.63	19.4	5.43	18.7	5.22	17.4	4.83
		7.0	6.0	22.6	6.23	21.3	5.82	20.0	5.42	19.4	5.23	18.7	5.04	17.4	4.66
		9.0	7.9	22.6	6.01	21.3	5.61	20.0	5.23	19.4	5.05	18.7	4.86	17.4	4.50
		11.0	9.8	22.6	5.80	21.3	5.42	20.0	5.06	19.4	4.88	18.7	4.70	17.4	4.35
13.0	11.8	22.6	5.59	21.3	5.24	20.0	4.89	19.4	4.71	18.7	4.54	17.4	4.21		
15.0	13.7	22.6	5.41	21.3	5.07	20.0	4.73	19.4	4.57	18.7	4.40	17.4	4.08		
70	140	-19.8	-20.0	15.4	7.23	15.4	7.41	15.4	7.60	15.4	7.69	15.4	7.78	15.3	7.90
		-18.8	-19.0	15.9	7.33	15.9	7.51	15.9	7.68	15.8	7.77	15.8	7.86	15.3	7.61
		-16.7	-17.0	16.9	7.52	16.8	7.68	16.8	7.85	16.8	7.93	16.4	7.73	15.3	7.09
		-14.7	-15.0	17.8	7.68	17.8	7.84	17.5	7.83	16.9	7.52	16.4	7.22	15.3	6.64
		-12.6	-13.0	18.7	7.83	18.6	7.92	17.5	7.35	16.9	7.06	16.4	6.78	15.3	6.24
		-10.5	-11.0	19.7	7.97	18.6	7.46	17.5	6.92	16.9	6.66	16.4	6.40	15.3	5.89
		-9.5	-10.0	19.7	7.78	18.6	7.25	17.5	6.73	16.9	6.47	16.4	6.22	15.3	5.73
		-8.5	-9.1	19.7	7.58	18.6	7.06	17.5	6.56	16.9	6.31	16.4	6.07	15.3	5.59
		-7.0	-7.6	19.7	7.28	18.6	6.78	17.5	6.30	16.9	6.07	16.4	5.84	15.3	5.38
		-5.0	-5.6	19.7	6.90	18.6	6.44	17.5	5.99	16.9	5.77	16.4	5.55	15.3	5.12
		-3.0	-3.7	19.7	6.59	18.6	6.15	17.5	5.72	16.9	5.51	16.4	5.31	15.3	4.90
		0.0	-0.7	19.7	6.14	18.6	5.74	17.5	5.35	16.9	5.16	16.4	4.97	15.3	4.59
		3.0	2.2	19.7	5.77	18.6	5.40	17.5	5.03	16.9	4.86	16.4	4.68	15.3	4.33
		5.0	4.1	19.7	5.55	18.6	5.19	17.5	4.85	16.9	4.68	16.4	4.51	15.3	4.18
		7.0	6.0	19.7	5.35	18.6	5.01	17.5	4.68	16.9	4.51	16.4	4.35	15.3	4.04
		9.0	7.9	19.7	5.16	18.6	4.84	17.5	4.52	16.9	4.36	16.4	4.21	15.3	3.90
		11.0	9.8	19.7	4.99	18.6	4.68	17.5	4.37	16.9	4.22	16.4	4.07	15.3	3.78
13.0	11.8	19.7	4.82	18.6	4.52	17.5	4.23	16.9	4.08	16.4	3.94	15.3	3.66		
15.0	13.7	19.7	4.67	18.6	4.38	17.5	4.10	16.9	3.96	16.4	3.83	15.3	3.56		
60	120	-19.8	-20.0	15.4	7.69	15.3	7.84	15.0	7.74	14.5	7.44	14.0	7.14	13.1	6.56
		-18.8	-19.0	15.8	7.77	15.8	7.93	15.0	7.46	14.5	7.17	14.0	6.89	13.1	6.33
		-16.7	-17.0	16.8	7.93	16.0	7.49	15.0	6.95	14.5	6.68	14.0	6.42	13.1	5.91
		-14.7	-15.0	16.9	7.52	16.0	7.01	15.0	6.51	14.5	6.26	14.0	6.02	13.1	5.55
		-12.6	-13.0	16.9	7.06	16.0	6.58	15.0	6.12	14.5	5.89	14.0	5.67	13.1	5.23
		-10.5	-11.0	16.9	6.65	16.0	6.21	15.0	5.78	14.5	5.57	14.0	5.36	13.1	4.95
		-9.5	-10.0	16.9	6.47	16.0	6.04	15.0	5.62	14.5	5.42	14.0	5.22	13.1	4.82
		-8.5	-9.1	16.9	6.31	16.0	5.89	15.0	5.49	14.5	5.29	14.0	5.09	13.1	4.71
		-7.0	-7.6	16.9	6.06	16.0	5.67	15.0	5.28	14.5	5.09	14.0	4.91	13.1	4.54
		-5.0	-5.6	16.9	5.77	16.0	5.39	15.0	5.03	14.5	4.85	14.0	4.68	13.1	4.33
		-3.0	-3.7	16.9	5.51	16.0	5.16	15.0	4.81	14.5	4.65	14.0	4.48	13.1	4.15
		0.0	-0.7	16.9	5.15	16.0	4.83	15.0	4.51	14.5	4.36	14.0	4.20	13.1	3.90
		3.0	2.2	16.9	4.85	16.0	4.55	15.0	4.26	14.5	4.11	14.0	3.97	13.1	3.69
		5.0	4.1	16.9	4.67	16.0	4.39	15.0	4.11	14.5	3.97	14.0	3.83	13.1	3.56
		7.0	6.0	16.9	4.51	16.0	4.24	15.0	3.97	14.5	3.83	14.0	3.70	13.1	3.44
		9.0	7.9	16.9	4.36	16.0	4.10	15.0	3.84	14.5	3.71	14.0	3.58	13.1	3.34
		11.0	9.8	16.9	4.22	16.0	3.97	15.0	3.72	14.5	3.60	14.0	3.48	13.1	3.24
13.0	11.8	16.9	4.08	16.0	3.84	15.0	3.60	14.5	3.48	14.0	3.37	13.1	3.14		
15.0	13.7	16.9	3.96	16.0	3.73	15.0	3.50	14.5	3.38	14.0	3.27	13.1	3.05		

3 Capacity tables

3-2 Heating capacity

3-2-1 8HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	100	-19.8	-20.0	14.1	7.19	13.3	6.70	12.5	6.23	12.1	6.00	11.7	5.77	10.9	5.32
		-18.8	-19.0	14.1	6.93	13.3	6.46	12.5	6.01	12.1	5.79	11.7	5.57	10.9	5.14
		-16.7	-17.0	14.1	6.46	13.3	6.03	12.5	5.62	12.1	5.41	11.7	5.21	10.9	4.81
		-14.7	-15.0	14.1	6.06	13.3	5.66	12.5	5.28	12.1	5.09	11.7	4.90	10.9	4.53
		-12.6	-13.0	14.1	5.70	13.3	5.33	12.5	4.98	12.1	4.80	11.7	4.63	10.9	4.28
		-10.5	-11.0	14.1	5.39	13.3	5.05	12.5	4.71	12.1	4.55	11.7	4.38	10.9	4.06
		-9.5	-10.0	14.1	5.25	13.3	4.91	12.5	4.59	12.1	4.43	11.7	4.27	10.9	3.96
		-8.5	-9.1	14.1	5.12	13.3	4.80	12.5	4.49	12.1	4.33	11.7	4.18	10.9	3.88
		-7.0	-7.6	14.1	4.93	13.3	4.63	12.5	4.32	12.1	4.18	11.7	4.03	10.9	3.74
		-5.0	-5.6	14.1	4.70	13.3	4.41	12.5	4.13	12.1	3.99	11.7	3.85	10.9	3.58
		-3.0	-3.7	14.1	4.50	13.3	4.23	12.5	3.96	12.1	3.83	11.7	3.70	10.9	3.44
		0.0	-0.7	14.1	4.22	13.3	3.97	12.5	3.72	12.1	3.60	11.7	3.48	10.9	3.24
		3.0	2.2	14.1	3.99	13.3	3.75	12.5	3.52	12.1	3.41	11.7	3.29	10.9	3.07
		5.0	4.1	14.1	3.85	13.3	3.62	12.5	3.40	12.1	3.29	11.7	3.19	10.9	2.97
		7.0	6.0	14.1	3.72	13.3	3.51	12.5	3.29	12.1	3.19	11.7	3.09	10.9	2.88
		9.0	7.9	14.1	3.60	13.3	3.40	12.5	3.19	12.1	3.09	11.7	2.99	10.9	2.80
		11.0	9.8	14.1	3.49	13.3	3.29	12.5	3.10	12.1	3.00	11.7	2.91	10.9	2.72
13.0	11.8	14.1	3.38	13.3	3.19	12.5	3.01	12.1	2.91	11.7	2.82	10.9	2.64		
15.0	13.7	14.1	3.29	13.3	3.11	12.5	2.92	12.1	2.83	11.7	2.75	10.9	2.57		

NOTE

1 ■ is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by ■.

3 Capacity tables

3-2 Heating capacity

3-2-2 10HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB													
				16.0		18.0		20.0		21.0		22.0		24.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
130	325	°CDB	°CWB	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW
		-19.8	-20.0	18.9	5.07	18.8	5.53	18.7	5.98	18.7	6.21	18.7	6.44	18.6	6.90		
		-18.8	-19.0	19.5	5.32	19.4	5.76	19.3	6.20	19.3	6.42	19.2	6.64	19.2	7.09		
		-16.7	-17.0	20.6	5.77	20.5	6.19	20.4	6.60	20.4	6.81	20.3	7.02	20.3	7.44		
		-14.7	-15.0	21.7	6.17	21.6	6.57	21.5	6.96	21.5	7.16	21.5	7.36	21.4	7.75		
		-12.6	-13.0	22.8	6.54	22.7	6.91	22.6	7.29	22.6	7.48	22.6	7.66	22.5	8.04		
		-10.5	-11.0	23.9	6.87	23.8	7.22	23.8	7.58	23.7	7.76	23.7	7.94	23.6	8.30		
		-9.5	-10.0	24.5	7.02	24.4	7.37	24.3	7.72	24.3	7.89	24.2	8.07	24.2	8.41		
		-8.5	-9.1	25.0	7.15	24.9	7.49	24.8	7.83	24.8	8.01	24.7	8.18	24.7	8.52		
		-7.0	-7.6	25.8	7.36	25.7	7.69	25.6	8.02	25.6	8.19	25.6	8.35	25.5	8.68		
		-5.0	-5.6	26.9	7.62	26.8	7.93	26.8	8.25	26.7	8.41	26.7	8.57	26.6	8.88		
		-3.0	-3.7	28.0	7.84	27.9	8.15	27.8	8.45	27.8	8.60	27.7	8.75	27.7	9.06		
		0.0	-0.7	29.6	8.17	29.6	8.45	29.5	8.74	29.5	8.88	29.4	9.02	29.3	9.31		
		3.0	2.2	31.2	8.45	31.2	8.72	31.1	8.99	31.1	9.12	31.0	9.26	31.0	9.53		
		5.0	4.1	32.3	8.62	32.2	8.88	32.2	9.14	32.1	9.27	32.1	9.40	32.0	9.66		
		7.0	6.0	33.4	8.77	33.3	9.03	33.2	9.28	33.2	9.41	33.1	9.53	33.1	9.79		
		9.0	7.9	34.4	8.92	34.3	9.17	34.3	9.41	34.2	9.54	34.2	9.66	34.1	9.90		
		11.0	9.8	35.5	9.06	35.4	9.30	35.3	9.54	35.3	9.66	35.3	9.78	35.2	10.0		
13.0	11.8	36.6	9.20	36.5	9.43	36.4	9.66	36.4	9.78	36.4	9.89	36.4	9.86				
15.0	13.7	37.6	9.33	37.6	9.55	37.5	9.77	37.5	9.89	37.4	10.0	37.4	9.52				
120	300	-19.8	-20.0	18.8	5.69	18.7	6.11	18.7	6.53	18.6	6.74	18.6	6.95	18.5	7.37		
		-18.8	-19.0	19.4	5.91	19.3	6.32	19.2	6.73	19.2	6.94	19.2	7.14	19.1	7.55		
		-16.7	-17.0	20.5	6.33	20.4	6.72	20.3	7.10	20.3	7.30	20.3	7.49	20.2	7.88		
		-14.7	-15.0	21.6	6.71	21.5	7.07	21.4	7.44	21.4	7.62	21.4	7.80	21.3	8.17		
		-12.6	-13.0	22.7	7.04	22.6	7.39	22.6	7.74	22.5	7.91	22.5	8.08	22.4	8.43		
		-10.5	-11.0	23.8	7.35	23.7	7.68	23.7	8.01	23.6	8.17	23.6	8.34	23.5	8.67		
		-9.5	-10.0	24.4	7.49	24.3	7.81	24.2	8.13	24.2	8.30	24.2	8.46	24.1	8.78		
		-8.5	-9.1	24.9	7.61	24.8	7.93	24.7	8.24	24.7	8.40	24.7	8.56	24.6	8.87		
		-7.0	-7.6	25.7	7.81	25.6	8.11	25.6	8.42	25.5	8.57	25.5	8.72	25.4	9.02		
		-5.0	-5.6	26.8	8.04	26.7	8.34	26.7	8.63	26.6	8.77	26.6	8.92	26.5	9.21		
		-3.0	-3.7	27.9	8.25	27.8	8.53	27.7	8.81	27.7	8.95	27.7	9.09	27.6	9.37		
		0.0	-0.7	29.5	8.55	29.5	8.82	29.4	9.08	29.4	9.21	29.3	9.35	29.3	9.61		
		3.0	2.2	31.1	8.81	31.1	9.06	31.0	9.31	31.0	9.44	31.0	9.56	30.9	9.81		
		5.0	4.1	32.2	8.97	32.1	9.21	32.1	9.45	32.0	9.57	32.0	9.69	31.9	9.94		
		7.0	6.0	33.3	9.12	33.2	9.35	33.1	9.58	33.1	9.70	33.1	9.82	32.9	10.0		
		9.0	7.9	34.3	9.25	34.3	9.48	34.2	9.71	34.2	9.82	34.1	9.93	32.9	9.65		
		11.0	9.8	35.4	9.38	35.3	9.60	35.2	9.82	35.2	9.93	35.2	10.0	32.9	9.30		
		13.0	11.8	36.5	9.51	36.4	9.73	36.4	9.94	36.3	10.0	36.4	9.75	32.9	8.96		
15.0	13.7	37.5	9.63	37.5	9.84	37.4	10.0	37.4	9.81	37.4	9.42	32.9	8.66				
110	275	-19.8	-20.0	18.7	6.30	18.6	6.69	18.6	7.08	18.5	7.27	18.5	7.46	18.5	7.85		
		-18.8	-19.0	19.3	6.51	19.2	6.89	19.1	7.26	19.1	7.45	19.1	7.64	19.0	8.01		
		-16.7	-17.0	20.4	6.90	20.3	7.25	20.2	7.60	20.2	7.78	20.2	7.96	20.1	8.31		
		-14.7	-15.0	21.5	7.24	21.4	7.58	21.4	7.91	21.3	8.08	21.3	8.25	21.2	8.58		
		-12.6	-13.0	22.6	7.55	22.5	7.87	22.5	8.19	22.4	8.35	22.4	8.50	22.4	8.82		
		-10.5	-11.0	23.7	7.83	23.6	8.13	23.6	8.44	23.6	8.59	23.5	8.74	23.5	9.04		
		-9.5	-10.0	24.3	7.96	24.2	8.26	24.1	8.55	24.1	8.70	24.1	8.85	24.0	9.14		
		-8.5	-9.1	24.8	8.07	24.7	8.36	24.6	8.65	24.6	8.80	24.6	8.94	24.5	9.23		
		-7.0	-7.6	25.6	8.25	25.5	8.53	25.5	8.81	25.4	8.95	25.4	9.09	25.4	9.37		
		-5.0	-5.6	26.7	8.47	26.7	8.74	26.6	9.01	26.6	9.14	26.5	9.27	26.5	9.54		
		-3.0	-3.7	27.8	8.66	27.7	8.92	27.6	9.18	27.6	9.31	27.6	9.43	27.5	9.69		
		0.0	-0.7	29.4	8.94	29.4	9.18	29.3	9.42	29.3	9.54	29.3	9.67	29.2	9.91		
		3.0	2.2	31.1	9.18	31.0	9.41	30.9	9.64	30.9	9.75	30.9	9.87	30.2	9.78		
		5.0	4.1	32.1	9.32	32.0	9.54	32.0	9.77	32.0	9.88	31.9	9.99	30.2	9.39		
		7.0	6.0	33.2	9.46	33.1	9.67	33.0	9.89	33.0	9.99	32.4	9.83	30.2	9.03		
		9.0	7.9	34.2	9.59	34.2	9.79	34.1	10.0	33.5	9.86	32.4	9.47	30.2	8.70		
		11.0	9.8	35.3	9.71	35.2	9.91	34.7	9.88	33.5	9.50	32.4	9.13	30.2	8.40		
		13.0	11.8	36.4	9.82	36.3	10.0	34.7	9.52	33.5	9.15	32.4	8.80	30.2	8.10		
15.0	13.7	37.5	9.93	36.9	9.90	34.7	9.19	33.5	8.85	32.4	8.50	30.2	7.83				
100	250	-19.8	-20.0	18.6	6.92	18.5	7.27	18.5	7.62	18.5	7.80	18.4	7.97	18.4	8.32		
		-18.8	-19.0	19.2	7.11	19.1	7.45	19.0	7.79	19.0	7.96	19.0	8.13	18.9	8.47		
		-16.7	-17.0	20.3	7.46	20.2	7.78	20.2	8.10	20.1	8.27	20.1	8.43	20.0	8.75		
		-14.7	-15.0	21.4	7.78	21.3	8.08	21.3	8.38	21.2	8.54	21.2	8.69	21.2	8.99		
		-12.6	-13.0	22.5	8.06	22.4	8.35	22.4	8.64	22.4	8.78	22.3	8.92	22.3	9.21		
		-10.5	-11.0	23.6	8.31	23.6	8.59	23.5	8.86	23.5	9.00	23.4	9.14	23.4	9.41		
		-9.5	-10.0	24.2	8.43	24.1	8.70	24.1	8.97	24.0	9.10	24.0	9.24	23.9	9.51		
		-8.5	-9.1	24.7	8.54	24.6	8.80	24.6	9.06	24.5	9.19	24.5	9.32	24.4	9.59		
		-7.0	-7.6	25.5	8.70	25.4	8.95	25.4	9.20	25.4	9.33	25.3	9.46	25.3	9.71		
		-5.0	-5.6	26.6	8.90	26.6	9.14	26.5	9.38	26.5	9.51	26.4	9.63	26.4	9.87		
		-3.0	-3.7	27.7	9.07	27.6	9.31	27.6	9.54	27.5	9.66	27.5	9.77	27.5	10.0		
		0.0	-0.7	29.3	9.33	29.3	9.55	29.2	9.77	29.2	9.88	29.2	9.99	27.5	9.32		
		3.0	2.2	31.0	9.54	30.9	9.75	30.8	9.96	30.5	9.90	29.5	9.51	27.5	8.74		
		5.0	4.1	32.0	9.68	32.0	9.88	31.5	9.88	30.5	9.50	29.5	9.13	27.5	8.40		
		7.0	6.0	33.1	9.80	33.0	10.00	31.5	9.50	30.5	9.14	29.5	8.78	27.5	8.08		
		9.0	7.9	34.1	9.92	33.5	9.85	31.5	9.15	30.5	8.80	29.5	8.46	27.5	7.79		
		11.0	9.8	35.2	10.0	33.5	9.50	31.5	8.82	30.5	8.49	29.5	8.16	27.5	7.52		
		13.0	11.8	35.5	9.81	33.5	9.15	31.5	8.50	30.5	8.19	29.5	7.87	27.5	7.26		
15.0	13.7	35.5	9.48	33.5	8.84	31.5	8.22	30.5	7.92	29.5	7.62	27.5	7.03				

3 Capacity tables

3-2 Heating capacity

3-2-2 10HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
90	225	°CDB	°CWB													
		-19.8	-20.0	18.5	7.54	18.5	7.85	18.4	8.17	18.4	8.33	18.4	8.48	18.3	8.80	
		-18.8	-19.0	19.1	7.71	19.0	8.02	19.0	8.32	18.9	8.48	18.9	8.63	18.9	8.94	
		-16.7	-17.0	20.2	8.03	20.1	8.32	20.1	8.60	20.0	8.75	20.0	8.89	20.0	9.18	
		-14.7	-15.0	21.3	8.31	21.2	8.58	21.2	8.86	21.2	8.99	21.1	9.13	21.1	9.40	
		-12.6	-13.0	22.4	8.56	22.3	8.82	22.3	9.08	22.3	9.21	22.2	9.34	22.2	9.60	
		-10.5	-11.0	23.5	8.80	23.5	9.04	23.4	9.29	23.4	9.41	23.4	9.54	23.3	9.78	
		-9.5	-10.0	24.1	8.90	24.0	9.15	24.0	9.39	23.9	9.51	23.9	9.63	23.9	9.87	
		-8.5	-9.1	24.6	9.00	24.5	9.23	24.5	9.47	24.4	9.59	24.4	9.71	24.4	9.94	
		-7.0	-7.6	25.4	9.14	25.4	9.37	25.3	9.60	25.3	9.71	25.3	9.83	24.7	9.75	
		-5.0	-5.6	26.5	9.32	26.5	9.54	26.4	9.76	26.4	9.87	26.4	9.98	24.7	9.25	
		-3.0	-3.7	27.6	9.48	27.5	9.69	27.5	9.90	27.4	10.0	26.5	9.60	24.7	8.83	
		0.0	-0.7	29.2	9.71	29.2	9.91	28.4	9.68	27.4	9.31	26.5	8.95	24.7	8.23	
		3.0	2.2	30.9	9.91	30.2	9.77	28.4	9.07	27.4	8.73	26.5	8.39	24.7	7.73	
		5.0	4.1	31.9	10.0	30.2	9.38	28.4	8.72	27.4	8.39	26.5	8.07	24.7	7.44	
		7.0	6.0	32.0	9.68	30.2	9.03	28.4	8.39	27.4	8.08	26.5	7.77	24.7	7.17	
		9.0	7.9	32.0	9.32	30.2	8.69	28.4	8.09	27.4	7.79	26.5	7.49	24.7	6.92	
11.0	9.8	32.0	8.98	30.2	8.39	28.4	7.81	27.4	7.52	26.5	7.24	24.7	6.69			
13.0	11.8	32.0	8.66	30.2	8.09	28.4	7.53	27.4	7.26	26.5	6.99	24.7	6.46			
15.0	13.7	32.0	8.37	30.2	7.82	28.4	7.29	27.4	7.03	26.5	6.77	24.7	6.26			
80	200	-19.8	-20.0	18.4	8.15	18.4	8.43	18.3	8.72	18.3	8.86	18.3	9.00	18.2	9.28	
		-18.8	-19.0	19.0	8.31	18.9	8.58	18.9	8.85	18.9	8.99	18.8	9.13	18.8	9.40	
		-16.7	-17.0	20.1	8.59	20.0	8.85	20.0	9.10	20.0	9.23	19.9	9.36	19.9	9.62	
		-14.7	-15.0	21.2	8.84	21.1	9.09	21.1	9.33	21.1	9.45	21.1	9.57	21.0	9.82	
		-12.6	-13.0	22.3	9.07	22.3	9.30	22.2	9.53	22.2	9.65	22.2	9.76	22.0	9.88	
		-10.5	-11.0	23.4	9.28	23.4	9.50	23.3	9.72	23.3	9.83	23.3	9.94	22.0	9.31	
		-9.5	-10.0	24.0	9.37	23.9	9.59	23.9	9.80	23.9	9.91	23.6	9.85	22.0	9.05	
		-8.5	-9.1	24.5	9.46	24.4	9.67	24.4	9.88	24.4	9.98	23.6	9.60	22.0	8.82	
		-7.0	-7.6	25.3	9.59	25.3	9.79	25.2	9.98	24.4	9.60	23.6	9.22	22.0	8.48	
		-5.0	-5.6	26.4	9.75	26.4	9.95	25.2	9.47	24.4	9.11	23.6	8.75	22.0	8.06	
		-3.0	-3.7	27.5	9.89	26.8	9.73	25.2	9.03	24.4	8.69	23.6	8.36	22.0	7.70	
		0.0	-0.7	28.4	9.72	26.8	9.06	25.2	8.42	24.4	8.11	23.6	7.80	22.0	7.20	
		3.0	2.2	28.4	9.11	26.8	8.50	25.2	7.91	24.4	7.62	23.6	7.33	22.0	6.77	
		5.0	4.1	28.4	8.75	26.8	8.17	25.2	7.61	24.4	7.33	23.6	7.06	22.0	6.52	
		7.0	6.0	28.4	8.42	26.8	7.87	25.2	7.33	24.4	7.07	23.6	6.80	22.0	6.29	
		9.0	7.9	28.4	8.12	26.8	7.59	25.2	7.07	24.4	6.82	23.6	6.57	22.0	6.08	
		11.0	9.8	28.4	7.83	26.8	7.33	25.2	6.83	24.4	6.59	23.6	6.35	22.0	5.88	
13.0	11.8	28.4	7.56	26.8	7.07	25.2	6.60	24.4	6.37	23.6	6.14	22.0	5.69			
15.0	13.7	28.4	7.32	26.8	6.85	25.2	6.40	24.4	6.17	23.6	5.95	22.0	5.52			
70	175	-19.8	-20.0	18.3	8.77	18.3	9.02	18.2	9.26	18.2	9.39	18.2	9.51	18.2	9.75	
		-18.8	-19.0	18.9	8.91	18.8	9.14	18.8	9.38	18.8	9.50	18.7	9.62	18.7	9.86	
		-16.7	-17.0	20.0	9.15	19.9	9.38	19.9	9.60	19.9	9.72	19.9	9.83	19.2	9.58	
		-14.7	-15.0	21.1	9.38	21.1	9.59	21.0	9.80	21.0	9.91	20.6	9.76	19.2	8.97	
		-12.6	-13.0	22.2	9.58	22.2	9.78	22.1	9.93	21.3	9.55	20.6	9.17	19.2	8.43	
		-10.5	-11.0	23.3	9.76	23.3	9.95	22.1	9.35	21.3	9.00	20.6	8.65	19.2	7.96	
		-9.5	-10.0	23.9	9.85	23.5	9.79	22.1	9.09	21.3	8.75	20.6	8.41	19.2	7.74	
		-8.5	-9.1	24.4	9.92	23.5	9.55	22.1	8.87	21.3	8.53	20.6	8.20	19.2	7.56	
		-7.0	-7.6	24.9	9.83	23.5	9.17	22.1	8.52	21.3	8.20	20.6	7.89	19.2	7.27	
		-5.0	-5.6	24.9	9.33	23.5	8.71	22.1	8.10	21.3	7.80	20.6	7.50	19.2	6.92	
		-3.0	-3.7	24.9	8.90	23.5	8.31	22.1	7.73	21.3	7.45	20.6	7.17	19.2	6.63	
		0.0	-0.7	24.9	8.30	23.5	7.76	22.1	7.23	21.3	6.97	20.6	6.71	19.2	6.21	
		3.0	2.2	24.9	7.80	23.5	7.29	22.1	6.80	21.3	6.56	20.6	6.32	19.2	5.85	
		5.0	4.1	24.9	7.50	23.5	7.02	22.1	6.55	21.3	6.32	20.6	6.09	19.2	5.65	
		7.0	6.0	24.9	7.23	23.5	6.77	22.1	6.32	21.3	6.10	20.6	5.88	19.2	5.45	
		9.0	7.9	24.9	6.97	23.5	6.53	22.1	6.11	21.3	5.90	20.6	5.69	19.2	5.28	
		11.0	9.8	24.9	6.74	23.5	6.32	22.1	5.91	21.3	5.71	20.6	5.50	19.2	5.11	
13.0	11.8	24.9	6.51	23.5	6.11	22.1	5.71	21.3	5.52	20.6	5.33	19.2	4.95			
15.0	13.7	24.9	6.31	23.5	5.92	22.1	5.54	21.3	5.36	20.6	5.17	19.2	4.81			
60	150	-19.8	-20.0	18.2	9.39	18.2	9.60	18.1	9.81	18.1	9.91	17.7	9.65	16.5	8.87	
		-18.8	-19.0	18.8	9.50	18.7	9.71	18.7	9.91	18.3	9.69	17.7	9.31	16.5	8.55	
		-16.7	-17.0	19.9	9.72	19.8	9.91	18.9	9.39	18.3	9.03	17.7	8.68	16.5	7.99	
		-14.7	-15.0	21.0	9.91	20.1	9.47	18.9	8.79	18.3	8.46	17.7	8.14	16.5	7.50	
		-12.6	-13.0	21.3	9.54	20.1	8.90	18.9	8.27	18.3	7.96	17.7	7.66	16.5	7.07	
		-10.5	-11.0	21.3	8.99	20.1	8.39	18.9	7.81	18.3	7.52	17.7	7.24	16.5	6.69	
		-9.5	-10.0	21.3	8.74	20.1	8.16	18.9	7.60	18.3	7.32	17.7	7.05	16.5	6.51	
		-8.5	-9.1	21.3	8.53	20.1	7.97	18.9	7.42	18.3	7.15	17.7	6.88	16.5	6.36	
		-7.0	-7.6	21.3	8.19	20.1	7.66	18.9	7.14	18.3	6.88	17.7	6.63	16.5	6.13	
		-5.0	-5.6	21.3	7.79	20.1	7.29	18.9	6.80	18.3	6.56	17.7	6.32	16.5	5.85	
		-3.0	-3.7	21.3	7.45	20.1	6.97	18.9	6.51	18.3	6.28	17.7	6.05	16.5	5.61	
		0.0	-0.7	21.3	6.96	20.1	6.53	18.9	6.10	18.3	5.89	17.7	5.68	16.5	5.27	
		3.0	2.2	21.3	6.56	20.1	6.15	18.9	5.75	18.3	5.56	17.7	5.36	16.5	4.98	
		5.0	4.1	21.3	6.32	20.1	5.93	18.9	5.55	18.3	5.36	17.7	5.18	16.5	4.81	
		7.0	6.0	21.3	6.10	20.1	5.72	18.9	5.36	18.3	5.18	17.7	5.00	16.5	4.65	
		9.0	7.9	21.3	5.89	20.1	5.54	18.9	5.19	18.3	5.01	17.7	4.84	16.5	4.51	
		11.0	9.8	21.3	5.70	20.1	5.36	18.9	5.02	18.3	4.86	17.7	4.70	16.5	4.37	
13.0	11.8	21.3	5.52	20.1	5.19	18.9	4.87	18.3	4.71	17.7	4.55	16.5	4.24			
15.0	13.7	21.3	5.35	20.1	5.04	18.9	4.73	18.3	4.57	17.7	4.42	16.5	4.13			

3 Capacity tables

3-2 Heating capacity

3-2-2 10HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB													
				16.0		18.0		20.0		21.0		22.0		24.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
50	125	°CDB	°CWB														
		-19.8	-20.0	17.8	9.71	16.8	9.06	15.8	8.42	15.2	8.10	14.7	7.79	13.7	7.19		
		-18.8	-19.0	17.8	9.36	16.8	8.73	15.8	8.12	15.2	7.82	14.7	7.52	13.7	6.94		
		-16.7	-17.0	17.8	8.73	16.8	8.15	15.8	7.59	15.2	7.31	14.7	7.04	13.7	6.51		
		-14.7	-15.0	17.8	8.18	16.8	7.65	15.8	7.13	15.2	6.87	14.7	6.62	13.7	6.12		
		-12.6	-13.0	17.8	7.70	16.8	7.21	15.8	6.72	15.2	6.49	14.7	6.25	13.7	5.79		
		-10.5	-11.0	17.8	7.28	16.8	6.82	15.8	6.37	15.2	6.14	14.7	5.92	13.7	5.49		
		-9.5	-10.0	17.8	7.09	16.8	6.64	15.8	6.20	15.2	5.99	14.7	5.77	13.7	5.35		
		-8.5	-9.1	17.8	6.92	16.8	6.49	15.8	6.06	15.2	5.85	14.7	5.65	13.7	5.24		
		-7.0	-7.6	17.8	6.67	16.8	6.25	15.8	5.84	15.2	5.64	14.7	5.45	13.7	5.06		
		-5.0	-5.6	17.8	6.35	16.8	5.96	15.8	5.58	15.2	5.39	14.7	5.20	13.7	4.84		
		-3.0	-3.7	17.8	6.08	16.8	5.71	15.8	5.35	15.2	5.17	14.7	4.99	13.7	4.65		
		0.0	-0.7	17.8	5.71	16.8	5.37	15.8	5.03	15.2	4.86	14.7	4.70	13.7	4.38		
		3.0	2.2	17.8	5.39	16.8	5.07	15.8	4.76	15.2	4.60	14.7	4.45	13.7	4.15		
		5.0	4.1	17.8	5.20	16.8	4.90	15.8	4.60	15.2	4.45	14.7	4.31	13.7	4.02		
		7.0	6.0	17.8	5.03	16.8	4.74	15.8	4.45	15.2	4.31	14.7	4.17	13.7	3.89		
		9.0	7.9	17.8	4.87	16.8	4.59	15.8	4.31	15.2	4.18	14.7	4.04	13.7	3.78		
		11.0	9.8	17.8	4.72	16.8	4.45	15.8	4.19	15.2	4.06	14.7	3.93	13.7	3.67		
13.0	11.8	17.8	4.57	16.8	4.32	15.8	4.06	15.2	3.94	14.7	3.81	13.7	3.57				
15.0	13.7	17.8	4.45	16.8	4.20	15.8	3.95	15.2	3.83	14.7	3.71	13.7	3.47				

NOTE

- 1 [] is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by [].

3 Capacity tables

3-2 Heating capacity

3-2-3 12HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
130	390	°CDB	°CWB													
		-19.8	-20.0	19.9	4.28	19.8	4.86	19.7	5.44	19.7	5.73	19.6	6.02	19.6	6.60	
		-18.8	-19.0	20.6	4.65	20.5	5.21	20.4	5.77	20.4	6.05	20.3	6.33	20.2	6.89	
		-16.7	-17.0	22.0	5.32	21.9	5.84	21.8	6.36	21.8	6.62	21.7	6.88	21.6	7.40	
		-14.7	-15.0	23.4	5.90	23.3	6.39	23.2	6.88	23.2	7.12	23.1	7.37	23.0	7.85	
		-12.6	-13.0	24.8	6.42	24.7	6.87	24.6	7.33	24.5	7.56	24.5	7.79	24.4	8.25	
		-10.5	-11.0	26.2	6.87	26.1	7.31	26.0	7.74	25.9	7.96	25.9	8.17	25.8	8.61	
		-9.5	-10.0	26.9	7.08	26.8	7.50	26.7	7.92	26.6	8.14	26.6	8.35	26.5	8.77	
		-8.5	-9.1	27.5	7.26	27.4	7.67	27.3	8.08	27.3	8.29	27.2	8.50	27.1	8.91	
		-7.0	-7.6	28.5	7.54	28.4	7.94	28.3	8.33	28.3	8.53	28.3	8.73	28.2	9.12	
		-5.0	-5.6	29.9	7.88	29.8	8.26	29.7	8.64	29.7	8.82	29.7	9.01	29.6	9.39	
		-3.0	-3.7	31.2	8.18	31.1	8.54	31.1	8.90	31.0	9.08	31.0	9.26	30.9	9.62	
		0.0	-0.7	33.3	8.60	33.2	8.93	33.1	9.27	33.1	9.44	33.1	9.61	33.0	9.94	
		3.0	2.2	35.3	8.95	35.3	9.27	35.2	9.58	35.1	9.74	35.1	9.90	35.0	10.2	
		5.0	4.1	36.7	9.16	36.6	9.47	36.5	9.77	36.4	9.92	36.4	10.1	36.3	10.4	
		7.0	6.0	38.0	9.36	37.9	9.65	37.8	9.95	37.8	10.1	37.7	10.2	37.6	10.5	
		9.0	7.9	39.3	9.54	39.2	9.82	39.1	10.1	39.1	10.2	39.0	10.4	39.0	10.7	
11.0	9.8	40.6	9.71	40.5	9.99	40.5	10.3	40.4	10.4	40.4	10.5	40.3	10.8			
13.0	11.8	42.0	9.88	41.9	10.1	41.8	10.4	41.8	10.5	41.8	10.7	41.7	10.9			
15.0	13.7	43.3	10.0	43.2	10.3	43.2	10.5	43.1	10.7	43.1	10.8	42.5	10.9			
120	360	-19.8	-20.0	19.8	5.06	19.7	5.60	19.6	6.13	19.6	6.40	19.5	6.67	19.5	7.20	
		-18.8	-19.0	20.5	5.40	20.4	5.92	20.3	6.44	20.2	6.69	20.2	6.95	20.2	7.47	
		-16.7	-17.0	21.9	6.02	21.8	6.50	21.7	6.98	21.7	7.22	21.6	7.46	21.5	7.95	
		-14.7	-15.0	23.3	6.56	23.2	7.01	23.1	7.46	23.1	7.69	23.0	7.91	22.9	8.36	
		-12.6	-13.0	24.6	7.04	24.6	7.46	24.5	7.88	24.4	8.10	24.4	8.31	24.3	8.73	
		-10.5	-11.0	26.0	7.46	26.0	7.86	25.9	8.26	25.8	8.46	25.8	8.66	25.7	9.06	
		-9.5	-10.0	26.7	7.65	26.7	8.04	26.6	8.43	26.5	8.62	26.5	8.82	26.4	9.21	
		-8.5	-9.1	27.4	7.82	27.3	8.20	27.2	8.58	27.2	8.77	27.1	8.96	27.0	9.34	
		-7.0	-7.6	28.4	8.08	28.3	8.44	28.2	8.81	28.2	8.99	28.2	9.17	28.1	9.54	
		-5.0	-5.6	29.8	8.39	29.7	8.74	29.6	9.09	29.6	9.26	29.6	9.43	29.5	9.78	
		-3.0	-3.7	31.1	8.67	31.0	9.00	31.0	9.33	30.9	9.50	30.9	9.66	30.8	9.99	
		0.0	-0.7	33.2	9.05	33.1	9.36	33.0	9.67	33.0	9.83	33.0	9.98	32.9	10.3	
		3.0	2.2	35.2	9.38	35.1	9.67	35.1	9.96	35.0	10.1	35.0	10.3	34.9	10.5	
		5.0	4.1	36.5	9.57	36.5	9.86	36.4	10.1	36.3	10.3	36.3	10.4	36.2	10.7	
		7.0	6.0	37.9	9.76	37.8	10.0	37.7	10.3	37.7	10.4	37.6	10.6	37.5	10.8	
		9.0	7.9	39.2	9.92	39.1	10.2	39.0	10.4	39.0	10.6	38.9	10.7	38.9	11.0	
		11.0	9.8	40.5	10.1	40.4	10.3	40.3	10.6	40.3	10.7	40.3	10.8	39.2	10.7	
13.0	11.8	41.9	10.2	41.8	10.5	41.7	10.7	41.7	10.8	41.7	11.0	39.2	10.2			
15.0	13.7	43.2	10.4	43.1	10.6	43.1	10.8	43.0	11.0	42.1	10.7	39.2	9.87			
110	330	-19.8	-20.0	19.7	5.84	19.6	6.34	19.5	6.83	19.5	7.07	19.4	7.32	19.4	7.81	
		-18.8	-19.0	20.4	6.16	20.3	6.63	20.2	7.11	20.2	7.34	20.1	7.58	20.1	8.05	
		-16.7	-17.0	21.7	6.73	21.7	7.17	21.6	7.61	21.6	7.83	21.5	8.05	21.5	8.49	
		-14.7	-15.0	23.1	7.22	23.1	7.63	23.0	8.05	23.0	8.25	22.9	8.46	22.9	8.87	
		-12.6	-13.0	24.5	7.66	24.5	8.04	24.4	8.43	24.4	8.63	24.3	8.82	24.2	9.21	
		-10.5	-11.0	25.9	8.04	25.9	8.41	25.8	8.78	25.7	8.96	25.7	9.14	25.6	9.51	
		-9.5	-10.0	26.6	8.22	26.5	8.58	26.5	8.93	26.4	9.11	26.4	9.29	26.3	9.65	
		-8.5	-9.1	27.2	8.37	27.2	8.72	27.1	9.07	27.1	9.24	27.0	9.42	27.0	9.76	
		-7.0	-7.6	28.3	8.61	28.2	8.94	28.1	9.28	28.1	9.45	28.1	9.61	28.0	9.95	
		-5.0	-5.6	29.7	8.90	29.6	9.22	29.5	9.54	29.5	9.70	29.5	9.86	29.4	10.2	
		-3.0	-3.7	31.0	9.15	30.9	9.46	30.9	9.76	30.8	9.91	30.8	10.1	30.7	10.4	
		0.0	-0.7	33.1	9.51	33.0	9.79	32.9	10.1	32.9	10.2	32.9	10.4	32.8	10.6	
		3.0	2.2	35.1	9.81	35.0	10.1	35.0	10.3	34.9	10.5	34.9	10.6	34.8	10.9	
		5.0	4.1	36.4	9.99	36.4	10.2	36.3	10.5	36.2	10.6	36.2	10.8	35.9	10.9	
		7.0	6.0	37.7	10.2	37.7	10.4	37.6	10.6	37.6	10.8	37.5	10.9	35.9	10.5	
		9.0	7.9	39.1	10.3	39.0	10.5	38.9	10.8	38.9	10.9	38.6	10.9	35.9	10.0	
		11.0	9.8	40.4	10.5	40.3	10.7	40.2	10.9	39.9	10.9	38.6	10.5	35.9	9.64	
13.0	11.8	41.8	10.6	41.7	10.8	41.3	10.9	39.9	10.5	38.6	10.1	35.9	9.26			
15.0	13.7	43.1	10.7	43.0	10.9	41.3	10.5	39.9	10.1	38.6	9.69	35.9	8.93			
100	300	-19.8	-20.0	19.5	6.63	19.5	7.07	19.4	7.52	19.4	7.74	19.3	7.97	19.3	8.41	
		-18.8	-19.0	20.2	6.91	20.2	7.34	20.1	7.77	20.1	7.99	20.0	8.20	20.0	8.63	
		-16.7	-17.0	21.6	7.43	21.6	7.83	21.5	8.23	21.5	8.43	21.4	8.63	21.4	9.03	
		-14.7	-15.0	23.0	7.88	23.0	8.26	22.9	8.63	22.9	8.82	22.8	9.01	22.8	9.38	
		-12.6	-13.0	24.4	8.28	24.3	8.63	24.3	8.98	24.3	9.16	24.2	9.34	24.2	9.69	
		-10.5	-11.0	25.8	8.63	25.7	8.96	25.7	9.29	25.6	9.46	25.6	9.63	25.5	9.96	
		-9.5	-10.0	26.5	8.79	26.4	9.11	26.4	9.44	26.3	9.60	26.3	9.76	26.2	10.1	
		-8.5	-9.1	27.1	8.93	27.1	9.24	27.0	9.56	27.0	9.72	26.9	9.88	26.9	10.2	
		-7.0	-7.6	28.2	9.14	28.1	9.45	28.0	9.75	28.0	9.91	28.0	10.1	27.9	10.4	
		-5.0	-5.6	29.6	9.41	29.5	9.70	29.4	9.99	29.4	10.1	29.4	10.3	29.3	10.6	
		-3.0	-3.7	30.9	9.64	30.8	9.91	30.8	10.2	30.7	10.3	30.7	10.5	30.6	10.7	
		0.0	-0.7	33.0	9.96	32.9	10.2	32.8	10.5	32.8	10.6	32.8	10.7	32.7	11.0	
		3.0	2.2	35.0	10.2	34.9	10.5	34.9	10.7	34.8	10.8	34.8	11.0	32.7	10.2	
		5.0	4.1	36.3	10.4	36.2	10.6	36.2	10.9	36.1	11.0	35.1	10.6	32.7	9.77	
		7.0	6.0	37.6	10.5	37.6	10.8	37.5	11.0	36.3	10.6	35.1	10.2	32.7	9.36	
		9.0	7.9	39.0	10.7	38.9	10.9	37.5	10.5	36.3	10.1	35.1	9.75	32.7	8.99	
		11.0	9.8	40.3	10.8	39.9	10.9	37.5	10.1	36.3	9.75	35.1	9.38	32.7	8.64	
13.0	11.8	41.7	11.0	39.9	10.5	37.5	9.73	36.3	9.36	35.1	9.01	32.7	8.31			
15.0	13.7	42.3	10.8	39.9	10.1	37.5	9.37	36.3	9.03	35.1	8.69	32.7	8.02			

3 Capacity tables

3-2 Heating capacity

3-2-3 12HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB														
				16.0		18.0		20.0		21.0		22.0		24.0				
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI			
90	270	°CDB	°CWB	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW		
		-19.8	-20.0	19.4	7.41	19.4	7.81	19.3	8.22	19.3	8.42	19.3	8.62	19.2	8.83	19.9	9.22	9.02
		-18.8	-19.0	20.1	7.67	20.1	8.06	20.0	8.44	20.0	8.64	19.9	8.83	19.9	9.22	21.3	9.22	9.58
		-16.7	-17.0	21.5	8.13	21.5	8.49	21.4	8.86	21.4	9.04	21.3	9.22	21.3	9.58	22.7	9.89	9.89
		-14.7	-15.0	22.9	8.54	22.8	8.88	22.8	9.22	22.8	9.38	22.7	9.55	22.7	9.89	24.1	10.2	10.2
		-12.6	-13.0	24.3	8.90	24.2	9.21	24.2	9.53	24.2	9.69	24.1	9.85	24.1	10.2	25.5	10.4	10.4
		-10.5	-11.0	25.7	9.21	25.6	9.51	25.6	9.81	25.5	9.96	25.5	10.1	25.5	10.4	26.2	10.5	10.5
		-9.5	-10.0	26.4	9.36	26.3	9.65	26.3	9.94	26.2	10.1	26.2	10.2	26.1	10.5	26.8	10.6	10.6
		-8.5	-9.1	27.0	9.48	27.0	9.77	26.9	10.1	26.9	10.2	26.8	10.3	26.8	10.6	27.9	10.8	10.8
		-7.0	-7.6	28.1	9.68	28.0	9.95	27.9	10.2	27.9	10.4	27.9	10.5	27.8	10.8	29.3	11.0	11.0
		-5.0	-5.6	29.4	9.92	29.4	10.2	29.3	10.4	29.3	10.6	29.3	10.7	29.2	11.0	30.6	10.9	10.9
		-3.0	-3.7	30.8	10.1	30.7	10.4	30.7	10.6	30.6	10.7	30.6	10.9	29.4	10.5	31.6	10.5	10.5
		0.0	-0.7	32.9	10.4	32.8	10.6	32.7	10.9	32.7	11.0	31.6	10.5	29.4	9.70	32.7	10.2	10.2
		3.0	2.2	34.9	10.7	34.8	10.9	33.8	10.6	32.7	10.2	31.6	9.81	29.4	9.04	32.7	10.2	10.2
		5.0	4.1	36.2	10.8	35.9	10.9	33.8	10.1	32.7	9.76	31.6	9.39	29.4	8.65	32.7	10.2	10.2
		7.0	6.0	37.5	10.9	35.9	10.5	33.8	9.71	32.7	9.35	31.6	9.00	29.4	8.30	32.7	10.2	10.2
		9.0	7.9	38.1	10.7	35.9	10.0	33.8	9.32	32.7	8.98	31.6	8.64	29.4	7.98	32.7	10.2	10.2
11.0	9.8	38.1	10.3	35.9	9.63	33.8	8.97	32.7	8.64	31.6	8.31	29.4	7.68	32.7	10.2	10.2		
13.0	11.8	38.1	9.90	35.9	9.25	33.8	8.62	32.7	8.31	31.6	8.00	29.4	7.39	32.7	10.2	10.2		
15.0	13.7	38.1	9.54	35.9	8.92	33.8	8.31	32.7	8.01	31.6	7.72	29.4	7.14	32.7	10.2	10.2		
80	240	-19.8	-20.0	19.3	8.20	19.3	8.55	19.2	8.91	19.2	9.09	19.2	9.27	19.1	9.62	19.1	9.62	
		-18.8	-19.0	20.0	8.43	20.0	8.77	19.9	9.11	19.9	9.29	19.9	9.46	19.8	9.80	21.2	10.1	
		-16.7	-17.0	21.4	8.84	21.3	9.16	21.3	9.48	21.3	9.64	21.2	9.80	21.2	10.1	22.7	10.4	
		-14.7	-15.0	22.8	9.20	22.7	9.50	22.7	9.80	22.7	9.95	22.6	10.1	22.6	10.4	24.0	10.6	
		-12.6	-13.0	24.2	9.52	24.1	9.80	24.1	10.1	24.1	10.2	24.0	10.4	24.0	10.6	25.4	10.9	
		-10.5	-11.0	25.6	9.80	25.5	10.1	25.5	10.3	25.4	10.5	25.4	10.6	25.4	10.9	26.1	11.0	
		-9.5	-10.0	26.3	9.93	26.2	10.2	26.2	10.4	26.1	10.6	26.1	10.7	26.1	10.7	26.7	10.8	
		-8.5	-9.1	26.9	10.0	26.8	10.3	26.8	10.5	26.8	10.7	26.7	10.8	26.7	10.9	27.8	10.9	
		-7.0	-7.6	27.9	10.2	27.9	10.5	27.8	10.7	27.8	10.8	27.8	10.9	27.8	10.9	28.1	10.5	
		-5.0	-5.6	29.3	10.4	29.3	10.7	29.2	10.9	29.0	10.9	28.1	10.5	26.1	9.64	29.3	10.4	
		-3.0	-3.7	30.7	10.6	30.6	10.8	30.0	10.7	29.0	10.3	28.1	9.94	26.1	9.15	30.7	10.6	
		0.0	-0.7	32.7	10.9	31.9	10.7	30.0	9.92	29.0	9.55	28.1	9.19	26.1	8.47	32.7	10.9	
		3.0	2.2	33.9	10.6	31.9	9.94	30.0	9.24	29.0	8.90	28.1	8.57	26.1	7.91	33.9	10.6	
		5.0	4.1	33.9	10.2	31.9	9.50	30.0	8.85	29.0	8.53	28.1	8.21	26.1	7.58	33.9	10.2	
		7.0	6.0	33.9	9.75	31.9	9.11	30.0	8.49	29.0	8.18	28.1	7.88	26.1	7.29	33.9	9.75	
		9.0	7.9	33.9	9.36	31.9	8.75	30.0	8.16	29.0	7.86	28.1	7.58	26.1	7.01	33.9	9.36	
		11.0	9.8	33.9	9.00	31.9	8.42	30.0	7.85	29.0	7.57	28.1	7.30	26.1	6.76	33.9	9.00	
13.0	11.8	33.9	8.65	31.9	8.10	30.0	7.56	29.0	7.29	28.1	7.03	26.1	6.51	33.9	8.65			
15.0	13.7	33.9	8.34	31.9	7.81	30.0	7.30	29.0	7.04	28.1	6.79	26.1	6.30	33.9	8.34			
70	210	-19.8	-20.0	19.2	8.98	19.2	9.29	19.1	9.60	19.1	9.76	19.1	9.92	19.0	10.2	19.0	10.2	
		-18.8	-19.0	19.9	9.18	19.8	9.48	19.8	9.78	19.8	9.93	19.8	10.1	19.7	10.4	19.7	10.4	
		-16.7	-17.0	21.3	9.54	21.2	9.82	21.2	10.1	21.2	10.2	21.1	10.4	21.1	10.7	21.3	9.54	
		-14.7	-15.0	22.7	9.86	22.6	10.1	22.6	10.4	22.6	10.5	22.5	10.6	22.5	10.9	22.7	9.86	
		-12.6	-13.0	24.1	10.1	24.0	10.4	24.0	10.6	24.0	10.8	23.9	10.9	22.9	10.4	24.1	10.1	
		-10.5	-11.0	25.5	10.4	25.4	10.6	25.4	10.9	25.3	11.0	24.6	10.6	22.9	9.73	25.5	10.4	
		-9.5	-10.0	26.2	10.5	26.1	10.7	26.1	11.0	25.4	10.7	24.6	10.2	22.9	9.42	26.2	10.5	
		-8.5	-9.1	26.8	10.6	26.7	10.8	26.3	10.8	25.4	10.3	24.6	9.95	22.9	9.16	26.8	10.6	
		-7.0	-7.6	27.8	10.7	27.8	11.0	26.3	10.3	25.4	9.88	24.6	9.50	22.9	8.76	27.8	10.7	
		-5.0	-5.6	29.2	10.9	27.9	10.4	26.3	9.69	25.4	9.33	24.6	8.97	22.9	8.28	29.2	10.9	
		-3.0	-3.7	29.6	10.6	27.9	9.88	26.3	9.19	25.4	8.85	24.6	8.52	22.9	7.87	29.6	10.6	
		0.0	-0.7	29.6	9.78	27.9	9.14	26.3	8.51	25.4	8.20	24.6	7.90	22.9	7.31	29.6	10.6	
		3.0	2.2	29.6	9.11	27.9	8.52	26.3	7.95	25.4	7.66	24.6	7.39	22.9	6.84	29.6	10.6	
		5.0	4.1	29.6	8.72	27.9	8.16	26.3	7.62	25.4	7.35	24.6	7.09	22.9	6.57	29.6	10.6	
		7.0	6.0	29.6	8.37	27.9	7.84	26.3	7.32	25.4	7.06	24.6	6.81	22.9	6.32	29.6	10.6	
		9.0	7.9	29.6	8.04	27.9	7.54	26.3	7.04	25.4	6.80	24.6	6.56	22.9	6.09	29.6	10.6	
		11.0	9.8	29.6	7.74	27.9	7.26	26.3	6.79	25.4	6.56	24.6	6.33	22.9	5.88	29.6	10.6	
13.0	11.8	29.6	7.45	27.9	6.99	26.3	6.54	25.4	6.32	24.6	6.10	22.9	5.67	29.6	10.6			
15.0	13.7	29.6	7.20	27.9	6.76	26.3	6.33	25.4	6.11	24.6	5.90	22.9	5.49	29.6	10.6			
60	180	-19.8	-20.0	19.1	9.76	19.0	10.0	19.0	10.3	19.0	10.4	19.0	10.6	18.9	10.8	19.0	10.8	
		-18.8	-19.0	19.8	9.94	19.7	10.2	19.7	10.5	19.7	10.6	19.7	10.7	19.6	11.0	19.8	10.8	
		-16.7	-17.0	21.2	10.2	21.1	10.5	21.1	10.7	21.1	10.8	21.1	11.0	19.6	10.1	21.2	10.2	
		-14.7	-15.0	22.6	10.5	22.5	10.7	22.5	11.0	21.8	10.6	21.1	10.2	19.6	9.34	22.6	10.5	
		-12.6	-13.0	24.0	10.8	23.9	11.0	22.5	10.2	21.8	9.83	21.1	9.45	19.6	8.71	24.0	10.8	
		-10.5	-11.0	25.3	11.0	23.9	10.3	22.5	9.54	21.8	9.19	21.1	8.84	19.6	8.16	25.3	11.0	
		-9.5	-10.0	25.4	10.6	23.9	9.93	22.5	9.24	21.8	8.90	21.1	8.57	19.6	7.91	25.4	10.6	
		-8.5	-9.1	25.4	10.3	23.9	9.66	22.5	8.99	21.8	8.66	21.1	8.33	19.6	7.70	25.4	10.6	
		-7.0	-7.6	25.4	9.88	23.9	9.23	22.5	8.59	21.8	8.28	21.1	7.98	19.6	7.37	25.4	10.6	
		-5.0	-5.6	25.4	9.32	23.9	8.71	22.5	8.12	21.8	7.83	21.1	7.55	19.6	6.98	25.4	10.6	
		-3.0	-3.7	25.4	8.85	23.9	8.28	22.5	7.72	21.8	7.45	21.1	7.18	19.6	6.65	25.4	10.6	
		0.0	-0.7	25.4	8.20	23.9	7.68	22.5	7.17	21.8	6.93	21.1	6.68	19.6	6.20	25.4	10.6	

3 Capacity tables

3-2 Heating capacity

3-2-3 12HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	150	-19.8	-20.0	19.0	10.5	18.9	10.8	18.8	10.9	18.1	10.4	17.5	10.0	16.3	9.24
		-18.8	-19.0	19.7	10.7	19.6	10.9	18.8	10.4	18.1	10.00	17.5	9.61	16.3	8.86
		-16.7	-17.0	21.1	11.0	20.0	10.3	18.8	9.57	18.1	9.22	17.5	8.87	16.3	8.18
		-14.7	-15.0	21.2	10.2	20.0	9.53	18.8	8.87	18.1	8.55	17.5	8.23	16.3	7.61
		-12.6	-13.0	21.2	9.50	20.0	8.88	18.8	8.28	18.1	7.98	17.5	7.69	16.3	7.11
		-10.5	-11.0	21.2	8.89	20.0	8.32	18.8	7.76	18.1	7.49	17.5	7.22	16.3	6.68
		-9.5	-10.0	21.2	8.61	20.0	8.06	18.8	7.53	18.1	7.26	17.5	7.00	16.3	6.49
		-8.5	-9.1	21.2	8.38	20.0	7.85	18.8	7.33	18.1	7.07	17.5	6.82	16.3	6.33
		-7.0	-7.6	21.2	8.02	20.0	7.52	18.8	7.02	18.1	6.78	17.5	6.54	16.3	6.07
		-5.0	-5.6	21.2	7.59	20.0	7.12	18.8	6.66	18.1	6.43	17.5	6.21	16.3	5.77
		-3.0	-3.7	21.2	7.22	20.0	6.78	18.8	6.35	18.1	6.13	17.5	5.92	16.3	5.51
		0.0	-0.7	21.2	6.72	20.0	6.31	18.8	5.91	18.1	5.72	17.5	5.53	16.3	5.15
		3.0	2.2	21.2	6.29	20.0	5.92	18.8	5.56	18.1	5.38	17.5	5.20	16.3	4.85
		5.0	4.1	21.2	6.05	20.0	5.69	18.8	5.35	18.1	5.17	17.5	5.00	16.3	4.67
		7.0	6.0	21.2	5.82	20.0	5.49	18.8	5.15	18.1	4.99	17.5	4.83	16.3	4.51
		9.0	7.9	21.2	5.62	20.0	5.29	18.8	4.98	18.1	4.82	17.5	4.67	16.3	4.36
		11.0	9.8	21.2	5.43	20.0	5.12	18.8	4.81	18.1	4.66	17.5	4.52	16.3	4.22
		13.0	11.8	21.2	5.24	20.0	4.95	18.8	4.65	18.1	4.51	17.5	4.37	16.3	4.09
15.0	13.7	21.2	5.08	20.0	4.79	18.8	4.51	18.1	4.38	17.5	4.24	16.3	3.97		

NOTE

1 ■ is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by ■.

3 Capacity tables

3-2 Heating capacity

3-2-4 14HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	175	°CDB	°CWB												
		-19.8	-20.0	21.2	13.5	21.2	13.8	21.2	14.1	21.1	14.3	21.1	14.4	19.6	13.2
		-18.8	-19.0	22.3	13.8	22.2	14.1	22.2	14.4	21.8	14.1	21.1	13.5	19.6	12.4
		-16.7	-17.0	24.4	14.2	23.9	14.2	22.5	13.1	21.8	12.6	21.1	12.1	19.6	11.2
		-14.7	-15.0	25.4	13.7	23.9	12.8	22.5	11.9	21.8	11.5	21.1	11.0	19.6	10.2
		-12.6	-13.0	25.4	12.5	23.9	11.7	22.5	10.9	21.8	10.5	21.1	10.1	19.6	9.31
		-10.5	-11.0	25.4	11.5	23.9	10.8	22.5	10.0	21.8	9.66	21.1	9.30	19.6	8.60
		-9.5	-10.0	25.4	11.1	23.9	10.3	22.5	9.64	21.8	9.30	21.1	8.96	19.6	8.29
		-8.5	-9.1	25.4	10.7	23.9	10.0	22.5	9.33	21.8	9.00	21.1	8.67	19.6	8.03
		-7.0	-7.6	25.4	10.1	23.9	9.48	22.5	8.85	21.8	8.54	21.1	8.24	19.6	7.64
		-5.0	-5.6	25.4	9.47	23.9	8.88	22.5	8.29	21.8	8.01	21.1	7.73	19.6	7.17
		-3.0	-3.7	25.4	8.92	23.9	8.37	22.5	7.83	21.8	7.56	21.1	7.30	19.6	6.78
		0.0	-0.7	25.4	8.18	23.9	7.69	22.5	7.20	21.8	6.96	21.1	6.73	19.6	6.26
		3.0	2.2	25.4	7.59	23.9	7.14	22.5	6.69	21.8	6.48	21.1	6.26	19.6	5.83
		5.0	4.1	25.4	7.24	23.9	6.82	22.5	6.40	21.8	6.20	21.1	5.99	19.6	5.59
		7.0	6.0	25.4	6.94	23.9	6.53	22.5	6.14	21.8	5.94	21.1	5.75	19.6	5.37
		9.0	7.9	25.4	6.65	23.9	6.27	22.5	5.90	21.8	5.71	21.1	5.53	19.6	5.17
		11.0	9.8	25.4	6.40	23.9	6.04	22.5	5.68	21.8	5.50	21.1	5.33	19.6	4.98
		13.0	11.8	25.4	6.15	23.9	5.81	22.5	5.47	21.8	5.30	21.1	5.13	19.6	4.80
		15.0	13.7	25.4	5.94	23.9	5.61	22.5	5.28	21.8	5.12	21.1	4.96	19.6	4.65

NOTE

- 1 [] is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by [].

3 Capacity tables

3-2 Heating capacity

3-2-5 16HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	200	-19.8	-20.0	21.8	12.9	21.7	13.2	21.7	13.5	21.7	13.7	21.7	13.9	21.6	14.2
		-18.8	-19.0	22.8	13.1	22.8	13.5	22.8	13.8	22.7	14.0	22.7	14.1	21.8	13.6
		-16.7	-17.0	25.0	13.6	24.9	13.9	24.9	14.2	24.2	13.8	23.4	13.3	21.8	12.2
		-14.7	-15.0	27.1	14.1	26.6	14.0	25.0	13.0	24.2	12.5	23.4	12.0	21.8	11.1
		-12.6	-13.0	28.2	13.7	26.6	12.8	25.0	11.9	24.2	11.4	23.4	11.0	21.8	10.2
		-10.5	-11.0	28.2	12.6	26.6	11.7	25.0	10.9	24.2	10.5	23.4	10.2	21.8	9.39
		-9.5	-10.0	28.2	12.1	26.6	11.3	25.0	10.5	24.2	10.2	23.4	9.78	21.8	9.05
		-8.5	-9.1	28.2	11.7	26.6	10.9	25.0	10.2	24.2	9.82	23.4	9.47	21.8	8.77
		-7.0	-7.6	28.2	11.1	26.6	10.4	25.0	9.67	24.2	9.33	23.4	8.99	21.8	8.34
		-5.0	-5.6	28.2	10.3	26.6	9.69	25.0	9.05	24.2	8.74	23.4	8.43	21.8	7.83
		-3.0	-3.7	28.2	9.74	26.6	9.14	25.0	8.55	24.2	8.26	23.4	7.97	21.8	7.41
		0.0	-0.7	28.2	8.93	26.6	8.39	25.0	7.86	24.2	7.60	23.4	7.34	21.8	6.83
		3.0	2.2	28.2	8.28	26.6	7.79	25.0	7.31	24.2	7.07	23.4	6.83	21.8	6.37
		5.0	4.1	28.2	7.91	26.6	7.44	25.0	6.99	24.2	6.76	23.4	6.54	21.8	6.10
		7.0	6.0	28.2	7.57	26.6	7.13	25.0	6.70	24.2	6.49	23.4	6.28	21.8	5.86
		9.0	7.9	28.2	7.26	26.6	6.85	25.0	6.44	24.2	6.24	23.4	6.04	21.8	5.64
		11.0	9.8	28.2	6.98	26.6	6.59	25.0	6.20	24.2	6.01	23.4	5.82	21.8	5.44
13.0	11.8	28.2	6.72	26.6	6.34	25.0	5.97	24.2	5.78	23.4	5.60	21.8	5.24		
15.0	13.7	28.2	6.48	26.6	6.12	25.0	5.77	24.2	5.59	23.4	5.42	21.8	5.08		

NOTE

1 [] is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by [].

3 Capacity tables

3-2 Heating capacity

3-2-6 18HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
90	405	°CDB	°CWB													
		-19.8	-20.0	34.1	13.9	34.0	14.4	33.9	15.0	33.9	15.2	33.8	15.5	33.7	16.1	
		-18.8	-19.0	35.1	14.2	35.0	14.7	35.0	15.2	34.9	15.5	34.9	15.8	34.8	16.3	
		-16.7	-17.0	37.2	14.7	37.1	15.2	37.0	15.7	37.0	16.0	36.9	16.2	36.8	16.7	
		-14.7	-15.0	39.2	15.2	39.1	15.7	39.1	16.2	39.0	16.4	39.0	16.6	38.9	17.1	
		-12.6	-13.0	41.3	15.7	41.2	16.1	41.1	16.6	41.1	16.8	41.0	17.0	40.9	17.5	
		-10.5	-11.0	43.3	16.1	43.3	16.5	43.2	16.9	43.1	17.1	43.1	17.4	43.0	17.8	
		-9.5	-10.0	44.4	16.3	44.3	16.7	44.2	17.1	44.1	17.3	44.1	17.5	44.0	17.9	
		-8.5	-9.1	45.3	16.4	45.2	16.8	45.1	17.2	45.1	17.4	45.0	17.7	44.3	17.7	
		-7.0	-7.6	46.8	16.7	46.7	17.1	46.7	17.5	46.6	17.7	46.6	17.9	44.3	17.0	
		-5.0	-5.6	48.9	17.0	48.8	17.4	48.7	17.7	48.7	17.9	47.6	17.5	44.3	16.1	
		-3.0	-3.7	50.8	17.3	50.8	17.6	50.7	18.0	49.2	17.4	47.6	16.7	44.3	15.4	
		0.0	-0.7	53.9	17.7	53.8	18.0	50.9	16.8	49.2	16.2	47.6	15.6	44.3	14.3	
		3.0	2.2	56.9	18.0	54.1	17.0	50.9	15.8	49.2	15.2	47.6	14.6	44.3	13.4	
		5.0	4.1	57.4	17.5	54.1	16.3	50.9	15.2	49.2	14.6	47.6	14.0	44.3	12.9	
		7.0	6.0	57.4	16.8	54.1	15.7	50.9	14.6	49.2	14.1	47.6	13.5	44.3	12.5	
		9.0	7.9	57.4	16.2	54.1	15.1	50.9	14.1	49.2	13.5	47.6	13.0	44.3	12.0	
11.0	9.8	57.4	15.6	54.1	14.6	50.9	13.6	49.2	13.1	47.6	12.6	44.3	11.6			
13.0	11.8	57.4	15.1	54.1	14.1	50.9	13.1	49.2	12.6	47.6	12.2	44.3	11.2			
15.0	13.7	57.4	14.6	54.1	13.6	50.9	12.7	49.2	12.2	47.6	11.8	44.3	10.9			
80	360	-19.8	-20.0	33.9	14.9	33.8	15.4	33.8	15.9	33.7	16.2	33.7	16.4	33.6	16.9	
		-18.8	-19.0	35.0	15.2	34.9	15.7	34.8	16.2	34.8	16.4	34.7	16.6	34.6	17.1	
		-16.7	-17.0	37.0	15.7	36.9	16.2	36.9	16.6	36.8	16.8	36.8	17.1	36.7	17.5	
		-14.7	-15.0	39.1	16.1	39.0	16.6	38.9	17.0	38.9	17.2	38.8	17.4	38.7	17.8	
		-12.6	-13.0	41.1	16.5	41.0	16.9	41.0	17.3	40.9	17.6	40.9	17.8	39.4	17.2	
		-10.5	-11.0	43.2	16.9	43.1	17.3	43.0	17.7	43.0	17.9	42.3	17.6	39.4	16.2	
		-9.5	-10.0	44.2	17.1	44.1	17.4	44.0	17.8	43.7	17.8	42.3	17.1	39.4	15.7	
		-8.5	-9.1	45.1	17.2	45.0	17.6	45.0	17.9	43.7	17.4	42.3	16.7	39.4	15.3	
		-7.0	-7.6	46.7	17.4	46.6	17.8	46.6	18.1	43.7	17.4	42.3	16.0	39.4	14.7	
		-5.0	-5.6	48.7	17.7	48.1	17.8	45.2	16.5	43.7	15.8	42.3	15.2	39.4	14.0	
		-3.0	-3.7	50.7	18.0	48.1	16.9	45.2	15.7	43.7	15.1	42.3	14.5	39.4	13.4	
		0.0	-0.7	51.0	16.9	48.1	15.8	45.2	14.7	43.7	14.1	42.3	13.6	39.4	12.5	
		3.0	2.2	51.0	15.8	48.1	14.8	45.2	13.8	43.7	13.3	42.3	12.8	39.4	11.8	
		5.0	4.1	51.0	15.2	48.1	14.2	45.2	13.2	43.7	12.8	42.3	12.3	39.4	11.3	
		7.0	6.0	51.0	14.6	48.1	13.7	45.2	12.7	43.7	12.3	42.3	11.8	39.4	10.9	
		9.0	7.9	51.0	14.1	48.1	13.2	45.2	12.3	43.7	11.9	42.3	11.4	39.4	10.6	
		11.0	9.8	51.0	13.6	48.1	12.7	45.2	11.9	43.7	11.5	42.3	11.0	39.4	10.2	
13.0	11.8	51.0	13.1	48.1	12.3	45.2	11.5	43.7	11.1	42.3	10.7	39.4	9.9			
15.0	13.7	51.0	12.7	48.1	11.9	45.2	11.1	43.7	10.7	42.3	10.4	39.4	9.6			
70	315	-19.8	-20.0	33.8	16.0	33.7	16.4	33.6	16.9	33.6	17.1	33.5	17.3	33.5	17.7	
		-18.8	-19.0	34.8	16.3	34.7	16.7	34.6	17.1	34.6	17.3	34.6	17.5	34.5	17.9	
		-16.7	-17.0	36.8	16.7	36.8	17.1	36.7	17.5	36.7	17.7	36.6	17.9	34.5	16.7	
		-14.7	-15.0	38.9	17.1	38.8	17.4	38.7	17.8	38.3	17.7	37.0	17.0	34.5	15.6	
		-12.6	-13.0	40.9	17.4	40.9	17.8	39.6	17.3	38.3	16.6	37.0	15.9	34.5	14.7	
		-10.5	-11.0	43.0	17.7	42.1	17.5	39.6	16.3	38.3	15.6	37.0	15.0	34.5	13.8	
		-9.5	-10.0	44.0	17.9	42.1	17.0	39.6	15.8	38.3	15.2	37.0	14.6	34.5	13.5	
		-8.5	-9.1	44.6	17.8	42.1	16.6	39.6	15.4	38.3	14.8	37.0	14.3	34.5	13.1	
		-7.0	-7.6	44.6	17.1	42.1	15.9	39.6	14.8	38.3	14.3	37.0	13.7	34.5	12.6	
		-5.0	-5.6	44.6	16.2	42.1	15.1	39.6	14.1	38.3	13.6	37.0	13.0	34.5	12.0	
		-3.0	-3.7	44.6	15.5	42.1	14.5	39.6	13.5	38.3	13.0	37.0	12.5	34.5	11.5	
		0.0	-0.7	44.6	14.4	42.1	13.5	39.6	12.6	38.3	12.1	37.0	11.7	34.5	10.8	
		3.0	2.2	44.6	13.6	42.1	12.7	39.6	11.8	38.3	11.4	37.0	11.0	34.5	10.2	
		5.0	4.1	44.6	13.0	42.1	12.2	39.6	11.4	38.3	11.0	37.0	10.6	34.5	9.82	
		7.0	6.0	44.6	12.6	42.1	11.8	39.6	11.0	38.3	10.6	37.0	10.2	34.5	9.49	
		9.0	7.9	44.6	12.1	42.1	11.4	39.6	10.6	38.3	10.3	37.0	9.89	34.5	9.18	
		11.0	9.8	44.6	11.7	42.1	11.0	39.6	10.3	38.3	9.92	37.0	9.58	34.5	8.89	
13.0	11.8	44.6	11.3	42.1	10.6	39.6	9.94	38.3	9.60	37.0	9.27	34.5	8.61			
15.0	13.7	44.6	11.0	42.1	10.3	39.6	9.64	38.3	9.31	37.0	8.99	34.5	8.36			
60	270	-19.8	-20.0	33.6	17.1	33.5	17.5	33.5	17.8	32.8	17.5	31.7	16.8	29.5	15.4	
		-18.8	-19.0	34.6	17.3	34.5	17.7	33.9	17.5	32.8	16.9	31.7	16.2	29.5	14.9	
		-16.7	-17.0	36.7	17.7	36.1	17.6	33.9	16.3	32.8	15.7	31.7	15.1	29.5	13.9	
		-14.7	-15.0	38.3	17.7	36.1	16.5	33.9	15.3	32.8	14.7	31.7	14.2	29.5	13.0	
		-12.6	-13.0	38.3	16.6	36.1	15.5	33.9	14.4	32.8	13.9	31.7	13.3	29.5	12.3	
		-10.5	-11.0	38.3	15.6	36.1	14.6	33.9	13.6	32.8	13.1	31.7	12.6	29.5	11.6	
		-9.5	-10.0	38.3	15.2	36.1	14.2	33.9	13.2	32.8	12.7	31.7	12.3	29.5	11.3	
		-8.5	-9.1	38.3	14.8	36.1	13.9	33.9	12.9	32.8	12.4	31.7	12.0	29.5	11.1	
		-7.0	-7.6	38.3	14.3	36.1	13.3	33.9	12.4	32.8	12.0	31.7	11.5	29.5	10.7	
		-5.0	-5.6	38.3	13.6	36.1	12.7	33.9	11.8	32.8	11.4	31.7	11.0	29.5	10.2	
		-3.0	-3.7	38.3	13.0	36.1	12.1	33.9	11.3	32.8	10.9	31.7	10.5	29.5	9.76	
		0.0	-0.7	38.3	12.1	36.1	11.4	33.9	10.6	32.8	10.2	31.7	9.88	29.5	9.16	
		3.0	2.2	38.3	11.4	36.1	10.7	33.9	10.0	32.8	9.66	31.7	9.33	29.5	8.66	
		5.0	4.1	38.3	11.0	36.1	10.3	33.9	9.65	32.8	9.33	31.7	9.00	29.5	8.37	
		7.0	6.0	38.3	10.6	36.1	9.96	33.9	9.32	32.8	9.01	31.7	8.70	29.5	8.10	
		9.0	7.9	38.3	10.2	36.1	9.63	33.9	9.02	32.8	8.72	31.7	8.43	29.5	7.84	
		11.0	9.8	38.3	9.92	36.1	9.32	33.9	8.74	32.8	8.45	31.7	8.17	29.5	7.61	
13.0	11.8	38.3	9.59	36.1	9.02	33.9	8.47	32.8	8.19	31.7	7.92	29.5	7.38			
15.0	13.7	38.3	9.31	36.1	8.76	33.9	8.22	32.8	7.96	31.7	7.69	29.5	7.18			

3 Capacity tables

3-2 Heating capacity

3-2-6 18HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB													
				16.0		18.0		20.0		21.0		22.0		24.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
50	225	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
		-19.8	-20.0	31.9	16.9	30.1	15.8	28.3	14.6	27.3	14.1	26.4	13.6	24.6	12.5	24.6	12.5
		-18.8	-19.0	31.9	16.3	30.1	15.2	28.3	14.1	27.3	13.6	26.4	13.1	24.6	12.1	24.6	12.1
		-16.7	-17.0	31.9	15.2	30.1	14.2	28.3	13.2	27.3	12.7	26.4	12.2	24.6	11.3	24.6	11.3
		-14.7	-15.0	31.9	14.2	30.1	13.3	28.3	12.4	27.3	12.0	26.4	11.5	24.6	10.7	24.6	10.7
		-12.6	-13.0	31.9	13.4	30.1	12.5	28.3	11.7	27.3	11.3	26.4	10.9	24.6	10.1	24.6	10.1
		-10.5	-11.0	31.9	12.7	30.1	11.9	28.3	11.1	27.3	10.7	26.4	10.3	24.6	9.55	24.6	9.55
		-9.5	-10.0	31.9	12.3	30.1	11.5	28.3	10.8	27.3	10.4	26.4	10.0	24.6	9.31	24.6	9.31
		-8.5	-9.1	31.9	12.0	30.1	11.3	28.3	10.5	27.3	10.2	26.4	9.82	24.6	9.11	24.6	9.11
		-7.0	-7.6	31.9	11.6	30.1	10.9	28.3	10.2	27.3	9.82	26.4	9.47	24.6	8.80	24.6	8.80
		-5.0	-5.6	31.9	11.1	30.1	10.4	28.3	9.70	27.3	9.37	26.4	9.05	24.6	8.41	24.6	8.41
		-3.0	-3.7	31.9	10.6	30.1	9.94	28.3	9.31	27.3	8.99	26.4	8.69	24.6	8.08	24.6	8.08
		0.0	-0.7	31.9	9.93	30.1	9.33	28.3	8.75	27.3	8.46	26.4	8.18	24.6	7.61	24.6	7.61
		3.0	2.2	31.9	9.38	30.1	8.82	28.3	8.28	27.3	8.01	26.4	7.74	24.6	7.22	24.6	7.22
		5.0	4.1	31.9	9.05	30.1	8.52	28.3	8.00	27.3	7.74	26.4	7.49	24.6	6.99	24.6	6.99
		7.0	6.0	31.9	8.75	30.1	8.24	28.3	7.74	27.3	7.50	26.4	7.25	24.6	6.77	24.6	6.77
		9.0	7.9	31.9	8.47	30.1	7.98	28.3	7.50	27.3	7.27	26.4	7.03	24.6	6.57	24.6	6.57
		11.0	9.8	31.9	8.21	30.1	7.74	28.3	7.28	27.3	7.05	26.4	6.83	24.6	6.39	24.6	6.39
		13.0	11.8	31.9	7.96	30.1	7.51	28.3	7.06	27.3	6.85	26.4	6.63	24.6	6.20	24.6	6.20
		15.0	13.7	31.9	7.73	30.1	7.30	28.3	6.87	27.3	6.66	26.4	6.45	24.6	6.04	24.6	6.04

NOTE

- 1 [] is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by [].

3 Capacity tables

3-2 Heating capacity

3-2-7 20HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
130	650	°CDB	°CWB													
		-19.8	-20.0	36.6	9.56	36.4	10.5	36.3	11.4	36.2	11.9	36.1	12.4	36.0	13.3	
		-18.8	-19.0	37.7	10.1	37.6	11.0	37.4	11.9	37.4	12.4	37.3	12.9	37.1	13.8	
		-16.7	-17.0	40.0	11.1	39.9	12.0	39.8	12.8	39.7	13.3	39.6	13.7	39.5	14.5	
		-14.7	-15.0	42.4	12.0	42.2	12.8	42.1	13.6	42.0	14.0	41.9	14.4	41.8	15.2	
		-12.6	-13.0	44.7	12.8	44.5	13.6	44.4	14.3	44.3	14.7	44.3	15.1	44.1	15.9	
		-10.5	-11.0	47.0	13.5	46.9	14.2	46.7	15.0	46.6	15.3	46.6	15.7	46.4	16.4	
		-9.5	-10.0	48.2	13.8	48.0	14.5	47.9	15.2	47.8	15.6	47.7	16.0	47.6	16.7	
		-8.5	-9.1	49.2	14.1	49.1	14.8	48.9	15.5	48.8	15.8	48.8	16.2	48.6	16.9	
		-7.0	-7.6	50.9	14.6	50.8	15.2	50.7	15.9	50.6	16.2	50.5	16.6	50.4	17.2	
		-5.0	-5.6	53.3	15.1	53.1	15.7	53.0	16.4	52.9	16.7	52.8	17.0	52.7	17.7	
		-3.0	-3.7	55.5	15.6	55.3	16.2	55.2	16.8	55.1	17.1	55.0	17.4	54.9	18.0	
		0.0	-0.7	59.0	16.3	58.8	16.8	58.7	17.4	58.6	17.7	58.5	18.0	58.4	18.6	
		3.0	2.2	62.3	16.9	62.2	17.4	62.0	17.9	62.0	18.2	61.9	18.5	61.7	19.0	
		5.0	4.1	64.5	17.2	64.4	17.7	64.2	18.3	64.2	18.5	64.1	18.8	63.9	19.3	
		7.0	6.0	66.7	17.5	66.6	18.0	66.4	18.6	66.4	18.8	66.3	19.1	66.1	19.6	
		9.0	7.9	68.9	17.8	68.8	18.3	68.6	18.8	68.6	19.1	68.5	19.3	68.4	19.8	
11.0	9.8	71.1	18.1	71.0	18.6	70.8	19.1	70.8	19.3	70.7	19.6	70.6	20.0			
13.0	11.8	73.5	18.4	73.3	18.9	73.2	19.3	73.1	19.6	73.0	19.8	71.4	19.6			
15.0	13.7	75.7	18.7	75.5	19.1	75.4	19.6	75.3	19.8	75.2	20.0	71.4	18.9			
120	600	-19.8	-20.0	36.4	10.8	36.2	11.7	36.1	12.6	36.0	13.0	36.0	13.5	35.8	14.3	
		-18.8	-19.0	37.5	11.3	37.4	12.2	37.3	13.0	37.2	13.5	37.1	13.9	37.0	14.7	
		-16.7	-17.0	39.8	12.3	39.7	13.1	39.6	13.9	39.5	14.3	39.4	14.7	39.3	15.4	
		-14.7	-15.0	42.2	13.1	42.0	13.8	41.9	14.6	41.8	15.0	41.8	15.3	41.6	16.1	
		-12.6	-13.0	44.5	13.8	44.4	14.5	44.2	15.2	44.2	15.6	44.1	15.9	44.0	16.7	
		-10.5	-11.0	46.8	14.5	46.7	15.2	46.5	15.8	46.5	16.2	46.4	16.5	46.3	17.2	
		-9.5	-10.0	48.0	14.8	47.8	15.4	47.7	16.1	47.6	16.4	47.6	16.8	47.4	17.4	
		-8.5	-9.1	49.0	15.1	48.9	15.7	48.7	16.3	48.7	16.7	48.6	17.0	48.5	17.6	
		-7.0	-7.6	50.8	15.5	50.6	16.1	50.5	16.7	50.4	17.0	50.4	17.3	50.2	17.9	
		-5.0	-5.6	53.1	16.0	52.9	16.6	52.8	17.2	52.7	17.4	52.7	17.7	52.5	18.3	
		-3.0	-3.7	55.3	16.4	55.1	17.0	55.0	17.5	54.9	17.8	54.9	18.1	54.7	18.7	
		0.0	-0.7	58.8	17.0	58.6	17.6	58.5	18.1	58.4	18.4	58.4	18.6	58.2	19.2	
		3.0	2.2	62.1	17.6	62.0	18.1	61.9	18.6	61.8	18.8	61.7	19.1	61.6	19.6	
		5.0	4.1	64.3	17.9	64.2	18.4	64.1	18.9	64.0	19.1	63.9	19.4	63.8	19.9	
		7.0	6.0	66.5	18.2	66.4	18.7	66.3	19.2	66.2	19.4	66.1	19.6	65.9	20.0	
		9.0	7.9	68.7	18.5	68.6	19.0	68.5	19.4	68.4	19.6	68.3	19.9	65.9	19.3	
		11.0	9.8	70.9	18.8	70.8	19.2	70.7	19.7	70.6	19.9	70.5	20.1	65.9	18.5	
13.0	11.8	73.3	19.0	73.1	19.5	73.0	19.9	72.9	20.1	70.7	19.4	65.9	17.8			
15.0	13.7	75.5	19.3	75.3	19.7	75.2	20.1	73.2	19.5	70.7	18.7	65.9	17.2			
110	550	-19.8	-20.0	36.2	12.1	36.1	12.9	35.9	13.7	35.9	14.1	35.8	14.5	35.7	15.3	
		-18.8	-19.0	37.3	12.6	37.2	13.4	37.1	14.1	37.0	14.5	37.0	14.9	36.8	15.7	
		-16.7	-17.0	39.7	13.4	39.5	14.2	39.4	14.9	39.3	15.2	39.3	15.6	39.2	16.3	
		-14.7	-15.0	42.0	14.2	41.9	14.9	41.7	15.6	41.7	15.9	41.6	16.2	41.5	16.9	
		-12.6	-13.0	44.3	14.9	44.2	15.5	44.0	16.2	44.0	16.5	43.9	16.8	43.8	17.5	
		-10.5	-11.0	46.6	15.5	46.5	16.1	46.4	16.7	46.3	17.0	46.2	17.3	46.1	17.9	
		-9.5	-10.0	47.8	15.7	47.7	16.3	47.5	16.9	47.5	17.2	47.4	17.5	47.3	18.1	
		-8.5	-9.1	48.8	16.0	48.7	16.6	48.6	17.2	48.5	17.5	48.5	17.7	48.3	18.3	
		-7.0	-7.6	50.6	16.4	50.4	16.9	50.3	17.5	50.3	17.8	50.2	18.1	50.1	18.6	
		-5.0	-5.6	52.9	16.8	52.8	17.4	52.6	17.9	52.6	18.2	52.5	18.5	52.4	19.0	
		-3.0	-3.7	55.1	17.2	55.0	17.8	54.8	18.3	54.8	18.5	54.7	18.8	54.6	19.3	
		0.0	-0.7	58.6	17.8	58.4	18.3	58.3	18.8	58.3	19.0	58.2	19.3	58.1	19.8	
		3.0	2.2	61.9	18.3	61.8	18.8	61.7	19.2	61.6	19.5	61.6	19.7	60.4	19.6	
		5.0	4.1	64.1	18.6	64.0	19.1	63.9	19.5	63.8	19.7	63.8	20.0	60.4	18.8	
		7.0	6.0	66.3	18.9	66.2	19.3	66.1	19.8	66.0	20.0	64.8	19.7	60.4	18.1	
		9.0	7.9	68.5	19.2	68.4	19.6	68.3	20.0	67.1	19.7	64.8	18.9	60.4	17.4	
		11.0	9.8	70.7	19.4	70.6	19.8	69.3	19.7	67.1	18.9	64.8	18.2	60.4	16.7	
13.0	11.8	73.1	19.7	72.9	20.1	69.3	18.9	67.1	18.2	64.8	17.5	60.4	16.1			
15.0	13.7	75.3	19.9	73.8	19.7	69.3	18.3	67.1	17.6	64.8	16.9	60.4	15.6			
100	500	-19.8	-20.0	36.0	13.4	35.9	14.1	35.8	14.8	35.7	15.2	35.6	15.6	35.5	16.3	
		-18.8	-19.0	37.1	13.8	37.0	14.5	36.9	15.2	36.9	15.6	36.8	15.9	36.7	16.6	
		-16.7	-17.0	39.5	14.6	39.3	15.3	39.2	15.9	39.2	16.2	39.1	16.6	39.0	17.2	
		-14.7	-15.0	41.8	15.3	41.7	15.9	41.6	16.5	41.5	16.8	41.4	17.1	41.3	17.8	
		-12.6	-13.0	44.1	15.9	44.0	16.5	43.9	17.1	43.8	17.4	43.8	17.7	43.7	18.3	
		-10.5	-11.0	46.4	16.4	46.3	17.0	46.2	17.6	46.1	17.8	46.1	18.1	46.0	18.7	
		-9.5	-10.0	47.6	16.7	47.5	17.2	47.4	17.8	47.3	18.1	47.2	18.3	47.1	18.9	
		-8.5	-9.1	48.6	16.9	48.5	17.5	48.4	18.0	48.3	18.3	48.3	18.5	48.2	19.1	
		-7.0	-7.6	50.4	17.3	50.3	17.8	50.1	18.3	50.1	18.6	50.0	18.8	49.9	19.3	
		-5.0	-5.6	52.7	17.7	52.6	18.2	52.5	18.7	52.4	18.9	52.4	19.2	52.2	19.7	
		-3.0	-3.7	54.9	18.1	54.8	18.5	54.7	19.0	54.6	19.2	54.6	19.5	54.4	20.0	
		0.0	-0.7	58.4	18.6	58.3	19.0	58.1	19.5	58.1	19.7	58.0	19.9	54.9	18.8	
		3.0	2.2	61.7	19.1	61.6	19.5	61.5	19.9	61.0	19.9	59.0	19.1	54.9	17.5	
		5.0	4.1	63.9	19.3	63.8	19.7	63.0	19.8	61.0	19.0	59.0	18.3	54.9	16.8	
		7.0	6.0	66.1	19.6	66.0	20.0	63.0	19.0	61.0	18.3	59.0	17.6	54.9	16.2	
		9.0	7.9	68.3	19.8	67.0	19.7	63.0	18.3	61.0	17.6	59.0	16.9	54.9	15.6	
		11.0	9.8	70.5	20.1	67.0	18.9	63.0	17.6	61.0	16.9	59.0	16.3	54.9	15.0	
13.0	11.8	71.1	19.5	67.0	18.2	63.0	16.9	61.0	16.3	59.0	15.7	54.9	14.5			
15.0	13.7	71.1	18.8	67.0	17.6	63.0	16.3	61.0	15.7	59.0	15.1	54.9	14.0			

3 Capacity tables

3-2 Heating capacity

3-2-7 20HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW		kW		kW		kW		kW		kW	
90	450	-19.8	-20.0	35.8	14.7	35.7	15.3	35.6	16.0	35.5	16.3	35.5	16.6	35.4	17.3
		-18.8	-19.0	36.9	15.1	36.8	15.7	36.7	16.3	36.7	16.6	36.6	17.0	36.5	17.6
		-16.7	-17.0	39.3	15.8	39.2	16.3	39.1	16.9	39.0	17.2	39.0	17.5	38.9	18.1
		-14.7	-15.0	41.6	16.4	41.5	16.9	41.4	17.5	41.3	17.8	41.3	18.1	41.2	18.6
		-12.6	-13.0	43.9	16.9	43.8	17.5	43.7	18.0	43.7	18.3	43.6	18.5	43.5	19.1
		-10.5	-11.0	46.2	17.4	46.1	17.9	46.0	18.4	46.0	18.7	45.9	18.9	45.8	19.4
		-9.5	-10.0	47.4	17.7	47.3	18.2	47.2	18.6	47.1	18.9	47.1	19.1	47.0	19.6
		-8.5	-9.1	48.4	17.9	48.3	18.3	48.2	18.8	48.2	19.1	48.1	19.3	48.0	19.8
		-7.0	-7.6	50.2	18.2	50.1	18.6	50.0	19.1	49.9	19.3	49.9	19.6	49.4	19.8
		-5.0	-5.6	52.5	18.6	52.4	19.0	52.3	19.4	52.2	19.7	52.2	19.9	49.4	18.7
		-3.0	-3.7	54.7	18.9	54.6	19.3	54.5	19.7	54.4	20.0	53.1	19.4	49.4	17.8
		0.0	-0.7	58.2	19.4	58.1	19.8	56.7	19.5	54.9	18.7	53.1	18.0	49.4	16.6
		3.0	2.2	61.5	19.8	60.3	19.6	56.7	18.2	54.9	17.5	53.1	16.8	49.4	15.5
		5.0	4.1	63.7	20.0	60.3	18.8	56.7	17.5	54.9	16.8	53.1	16.2	49.4	14.9
		7.0	6.0	64.0	19.3	60.3	18.0	56.7	16.8	54.9	16.1	53.1	15.5	49.4	14.3
		9.0	7.9	64.0	18.6	60.3	17.4	56.7	16.1	54.9	15.5	53.1	15.0	49.4	13.8
		11.0	9.8	64.0	17.9	60.3	16.7	56.7	15.6	54.9	15.0	53.1	14.4	49.4	13.3
13.0	11.8	64.0	17.2	60.3	16.1	56.7	15.0	54.9	14.4	53.1	13.9	49.4	12.9		
15.0	13.7	64.0	16.6	60.3	15.6	56.7	14.5	54.9	14.0	53.1	13.5	49.4	12.4		
80	400	-19.8	-20.0	35.6	15.9	35.5	16.5	35.4	17.1	35.4	17.4	35.3	17.7	35.2	18.3
		-18.8	-19.0	36.7	16.3	36.7	16.9	36.6	17.4	36.5	17.7	36.5	18.0	36.4	18.5
		-16.7	-17.0	39.1	16.9	39.0	17.4	38.9	18.0	38.8	18.2	38.8	18.5	38.7	19.0
		-14.7	-15.0	41.4	17.5	41.3	18.0	41.2	18.5	41.2	18.7	41.1	19.0	41.0	19.5
		-12.6	-13.0	43.7	18.0	43.6	18.4	43.5	18.9	43.5	19.1	43.4	19.4	43.4	19.8
		-10.5	-11.0	46.0	18.4	45.9	18.9	45.9	19.3	45.8	19.5	45.8	19.8	43.9	19.0
		-9.5	-10.0	47.2	18.6	47.1	19.1	47.0	19.5	47.0	19.7	46.9	19.9	43.9	18.4
		-8.5	-9.1	48.2	18.8	48.1	19.2	48.1	19.6	48.0	19.9	47.2	19.5	43.9	18.0
		-7.0	-7.6	50.0	19.1	49.9	19.5	49.8	19.9	48.8	19.5	47.2	18.7	43.9	17.2
		-5.0	-5.6	52.3	19.4	52.2	19.8	50.4	19.2	48.8	18.4	47.2	17.7	43.9	16.3
		-3.0	-3.7	54.5	19.7	53.6	19.7	50.4	18.2	48.8	17.6	47.2	16.9	43.9	15.5
		0.0	-0.7	56.9	19.6	53.6	18.2	50.4	16.9	48.8	16.3	47.2	15.7	43.9	14.5
		3.0	2.2	56.9	18.3	53.6	17.1	50.4	15.9	48.8	15.3	47.2	14.7	43.9	13.6
		5.0	4.1	56.9	17.5	53.6	16.4	50.4	15.2	48.8	14.7	47.2	14.1	43.9	13.1
		7.0	6.0	56.9	16.8	53.6	15.7	50.4	14.7	48.8	14.1	47.2	13.6	43.9	12.6
		9.0	7.9	56.9	16.2	53.6	15.1	50.4	14.1	48.8	13.6	47.2	13.1	43.9	12.1
		11.0	9.8	56.9	15.6	53.6	14.6	50.4	13.6	48.8	13.1	47.2	12.7	43.9	11.7
13.0	11.8	56.9	15.0	53.6	14.1	50.4	13.1	48.8	12.7	47.2	12.2	43.9	11.3		
15.0	13.7	56.9	14.5	53.6	13.6	50.4	12.7	48.8	12.3	47.2	11.8	43.9	11.0		
70	350	-19.8	-20.0	35.4	17.2	35.3	17.7	35.2	18.2	35.2	18.5	35.2	18.8	35.1	19.3
		-18.8	-19.0	36.6	17.5	36.5	18.0	36.4	18.5	36.4	18.8	36.3	19.0	36.2	19.5
		-16.7	-17.0	38.9	18.1	38.8	18.5	38.7	19.0	38.7	19.2	38.6	19.5	38.4	19.8
		-14.7	-15.0	41.2	18.6	41.1	19.0	41.0	19.4	41.0	19.7	41.0	19.9	38.4	18.5
		-12.6	-13.0	43.5	19.0	43.4	19.4	43.4	19.8	42.7	19.6	41.3	18.8	38.4	17.3
		-10.5	-11.0	45.8	19.4	45.8	19.8	44.1	19.1	42.7	18.4	41.3	17.7	38.4	16.2
		-9.5	-10.0	47.0	19.6	46.9	20.0	44.1	18.5	42.7	17.8	41.3	17.1	38.4	15.8
		-8.5	-9.1	48.0	19.7	46.9	19.4	44.1	18.0	42.7	17.4	41.3	16.7	38.4	15.4
		-7.0	-7.6	49.8	20.0	46.9	18.6	44.1	17.3	42.7	16.6	41.3	16.0	38.4	14.8
		-5.0	-5.6	49.8	18.9	46.9	17.6	44.1	16.4	42.7	15.8	41.3	15.2	38.4	14.0
		-3.0	-3.7	49.8	18.0	46.9	16.8	44.1	15.6	42.7	15.0	41.3	14.5	38.4	13.4
		0.0	-0.7	49.8	16.7	46.9	15.6	44.1	14.5	42.7	14.0	41.3	13.5	38.4	12.5
		3.0	2.2	49.8	15.6	46.9	14.6	44.1	13.6	42.7	13.2	41.3	12.7	38.4	11.7
		5.0	4.1	49.8	15.0	46.9	14.1	44.1	13.1	42.7	12.7	41.3	12.2	38.4	11.3
		7.0	6.0	49.8	14.4	46.9	13.5	44.1	12.6	42.7	12.2	41.3	11.8	38.4	10.9
		9.0	7.9	49.8	13.9	46.9	13.0	44.1	12.2	42.7	11.8	41.3	11.4	38.4	10.5
		11.0	9.8	49.8	13.4	46.9	12.6	44.1	11.8	42.7	11.4	41.3	11.0	38.4	10.2
13.0	11.8	49.8	13.0	46.9	12.2	44.1	11.4	42.7	11.0	41.3	10.6	38.4	9.86		
15.0	13.7	49.8	12.5	46.9	11.8	44.1	11.0	42.7	10.7	41.3	10.3	38.4	9.56		
60	300	-19.8	-20.0	35.2	18.5	35.1	18.9	35.1	19.4	35.0	19.6	35.0	19.8	32.9	18.5
		-18.8	-19.0	36.4	18.8	36.3	19.2	36.2	19.6	36.2	19.8	35.4	19.4	32.9	17.8
		-16.7	-17.0	38.7	19.2	38.6	19.6	37.8	19.4	36.6	18.7	35.4	17.9	32.9	16.5
		-14.7	-15.0	41.0	19.7	40.2	19.5	37.8	18.1	36.6	17.4	35.4	16.7	32.9	15.4
		-12.6	-13.0	42.7	19.6	40.2	18.2	37.8	16.9	36.6	16.3	35.4	15.7	32.9	14.5
		-10.5	-11.0	42.7	18.4	40.2	17.1	37.8	15.9	36.6	15.3	35.4	14.8	32.9	13.6
		-9.5	-10.0	42.7	17.8	40.2	16.6	37.8	15.5	36.6	14.9	35.4	14.4	32.9	13.3
		-8.5	-9.1	42.7	17.4	40.2	16.2	37.8	15.1	36.6	14.5	35.4	14.0	32.9	12.9
		-7.0	-7.6	42.7	16.6	40.2	15.5	37.8	14.5	36.6	14.0	35.4	13.4	32.9	12.4
		-5.0	-5.6	42.7	15.8	40.2	14.8	37.8	13.8	36.6	13.3	35.4	12.8	32.9	11.8
		-3.0	-3.7	42.7	15.0	40.2	14.1	37.8	13.1	36.6	12.7	35.4	12.2	32.9	11.3
		0.0	-0.7	42.7	14.0	40.2	13.1	37.8	12.3	36.6	11.8	35.4	11.4	32.9	10.6
		3.0	2.2	42.7	13.2	40.2	12.3	37.8	11.5	36.6	11.1	35.4	10.8	32.9	9.99
		5.0	4.1	42.7	12.6	40.2	11.9	37.8	11.1	36.6	10.7	35.4	10.4	32.9	9.63
		7.0	6.0	42.7	12.2	40.2	11.4	37.8	10.7	36.6	10.4	35.4	10.0	32.9	9.31
		9.0	7.9	42.7	11.8	40.2	11.1	37.8	10.4	36.6	10.0	35.4	9.67	32.9	9.00
		11.0	9.8	42.7	11.4	40.2	10.7	37.8	10.0	36.6	9.69	35.4	9.36	32.9	8.72
13.0	11.8	42.7	11.0	40.2	10.3	37.8	9.69	36.6	9.38	35.4	9.06	32.9	8.45		
15.0	13.7	42.7	10.6	40.2	10.0	37.8	9.40	36.6	9.10	35.4	8.80	32.9	8.21		

3 Capacity tables

3-2 Heating capacity

3-2-7 20HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	250	-19.8	-20.0	35.0	19.8	33.5	18.9	31.5	17.5	30.5	16.9	29.5	16.2	27.5	15.0
		-18.8	-19.0	35.5	19.5	33.5	18.2	31.5	16.9	30.5	16.2	29.5	15.6	27.5	14.4
		-16.7	-17.0	35.5	18.1	33.5	16.8	31.5	15.7	30.5	15.1	29.5	14.5	27.5	13.4
		-14.7	-15.0	35.5	16.8	33.5	15.7	31.5	14.7	30.5	14.1	29.5	13.6	27.5	12.6
		-12.6	-13.0	35.5	15.8	33.5	14.8	31.5	13.8	30.5	13.3	29.5	12.8	27.5	11.8
		-10.5	-11.0	35.5	14.9	33.5	13.9	31.5	13.0	30.5	12.5	29.5	12.1	27.5	11.2
		-9.5	-10.0	35.5	14.4	33.5	13.5	31.5	12.6	30.5	12.2	29.5	11.7	27.5	10.9
		-8.5	-9.1	35.5	14.1	33.5	13.2	31.5	12.3	30.5	11.9	29.5	11.5	27.5	10.6
		-7.0	-7.6	35.5	13.5	33.5	12.7	31.5	11.8	30.5	11.4	29.5	11.0	27.5	10.2
		-5.0	-5.6	35.5	12.9	33.5	12.1	31.5	11.3	30.5	10.9	29.5	10.5	27.5	9.77
		-3.0	-3.7	35.5	12.3	33.5	11.5	31.5	10.8	30.5	10.4	29.5	10.1	27.5	9.37
		0.0	-0.7	35.5	11.5	33.5	10.8	31.5	10.1	30.5	9.78	29.5	9.45	27.5	8.80
		3.0	2.2	35.5	10.8	33.5	10.2	31.5	9.54	30.5	9.23	29.5	8.93	27.5	8.32
		5.0	4.1	35.5	10.4	33.5	9.81	31.5	9.21	30.5	8.91	29.5	8.62	27.5	8.04
		7.0	6.0	35.5	10.1	33.5	9.47	31.5	8.90	30.5	8.62	29.5	8.34	27.5	7.78
		9.0	7.9	35.5	9.72	33.5	9.16	31.5	8.61	30.5	8.34	29.5	8.07	27.5	7.54
		11.0	9.8	35.5	9.41	33.5	8.88	31.5	8.35	30.5	8.09	29.5	7.83	27.5	7.32
13.0	11.8	35.5	9.11	33.5	8.60	31.5	8.09	30.5	7.84	29.5	7.59	27.5	7.10		
15.0	13.7	35.5	8.84	33.5	8.35	31.5	7.86	30.5	7.62	29.5	7.38	27.5	6.91		

NOTE

1 ■ is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by ■.

3 Capacity tables

3-2 Heating capacity

3-2-8 22HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW		kW		kW		kW		kW		kW	
130	715	-19.8	-20.0	37.3	8.64	37.2	9.72	37.0	10.8	36.9	11.3	36.9	11.9	36.7	13.0
		-18.8	-19.0	38.6	9.34	38.5	10.4	38.3	11.4	38.3	11.9	38.2	12.5	38.0	13.5
		-16.7	-17.0	41.3	10.6	41.1	11.6	40.9	12.5	40.9	13.0	40.8	13.5	40.6	14.5
		-14.7	-15.0	43.9	11.7	43.7	12.6	43.6	13.5	43.5	13.9	43.4	14.4	43.2	15.3
		-12.6	-13.0	46.5	12.6	46.3	13.5	46.2	14.3	46.1	14.8	46.0	15.2	45.9	16.0
		-10.5	-11.0	49.1	13.5	49.0	14.3	48.8	15.1	48.7	15.5	48.6	15.9	48.5	16.7
		-9.5	-10.0	50.4	13.9	50.3	14.7	50.1	15.4	50.0	15.8	49.9	16.2	49.8	17.0
		-8.5	-9.1	51.6	14.2	51.4	15.0	51.3	15.7	51.2	16.1	51.1	16.5	51.0	17.3
		-7.0	-7.6	53.6	14.7	53.4	15.5	53.2	16.2	53.2	16.6	53.1	16.9	52.9	17.7
		-5.0	-5.6	56.2	15.4	56.0	16.1	55.9	16.8	55.8	17.1	55.7	17.5	55.5	18.2
		-3.0	-3.7	58.7	15.9	58.5	16.6	58.3	17.3	58.3	17.6	58.2	17.9	58.0	18.6
		0.0	-0.7	62.6	16.7	62.4	17.3	62.3	17.9	62.2	18.3	62.1	18.6	61.9	19.2
		3.0	2.2	66.4	17.4	66.2	17.9	66.1	18.5	66.0	18.8	65.9	19.1	65.7	19.7
		5.0	4.1	68.9	17.7	68.7	18.3	68.5	18.9	68.5	19.2	68.4	19.4	68.2	20.0
		7.0	6.0	71.3	18.1	71.2	18.7	71.0	19.2	70.9	19.5	70.9	19.8	70.7	20.3
		9.0	7.9	73.8	18.5	73.7	19.0	73.5	19.5	73.4	19.8	73.4	20.0	73.2	20.6
		11.0	9.8	76.3	18.8	76.2	19.3	76.0	19.8	75.9	20.0	75.8	20.3	75.7	20.8
13.0	11.8	78.9	19.1	78.8	19.6	78.6	20.1	78.5	20.3	78.5	20.6	78.2	21.0		
15.0	13.7	81.4	19.4	81.3	19.8	81.1	20.3	81.0	20.6	80.9	20.8	80.7	21.0		
120	660	-19.8	-20.0	37.1	10.1	37.0	11.1	36.8	12.1	36.8	12.6	36.7	13.1	36.5	14.1
		-18.8	-19.0	38.4	10.7	38.3	11.7	38.1	12.7	38.1	13.1	38.0	13.6	37.9	14.6
		-16.7	-17.0	41.1	11.9	40.9	12.8	40.8	13.7	40.7	14.1	40.6	14.6	40.5	15.5
		-14.7	-15.0	43.7	12.9	43.5	13.7	43.4	14.6	43.3	15.0	43.2	15.4	43.1	16.3
		-12.6	-13.0	46.3	13.8	46.1	14.6	46.0	15.4	45.9	15.8	45.8	16.2	45.7	16.9
		-10.5	-11.0	48.9	14.6	48.8	15.3	48.6	16.1	48.5	16.4	48.5	16.8	48.3	17.5
		-9.5	-10.0	50.2	14.9	50.1	15.7	49.9	16.4	49.8	16.7	49.8	17.1	49.6	17.8
		-8.5	-9.1	51.4	15.2	51.2	15.9	51.1	16.7	51.0	17.0	50.9	17.4	50.8	18.1
		-7.0	-7.6	53.3	15.7	53.2	16.4	53.1	17.1	53.0	17.4	52.9	17.8	52.8	18.4
		-5.0	-5.6	56.0	16.3	55.8	17.0	55.7	17.6	55.6	17.9	55.5	18.3	55.4	18.9
		-3.0	-3.7	58.4	16.8	58.3	17.4	58.2	18.1	58.1	18.4	58.0	18.7	57.9	19.3
		0.0	-0.7	62.4	17.5	62.2	18.1	62.1	18.7	62.0	19.0	61.9	19.3	61.8	19.8
		3.0	2.2	66.2	18.1	66.0	18.7	65.9	19.2	65.8	19.5	65.7	19.8	65.6	20.3
		5.0	4.1	68.6	18.5	68.5	19.0	68.4	19.6	68.3	19.8	68.2	20.1	68.1	20.6
		7.0	6.0	71.1	18.8	71.0	19.4	70.8	19.9	70.8	20.1	70.7	20.4	70.5	20.9
		9.0	7.9	73.6	19.2	73.5	19.7	73.3	20.1	73.2	20.4	73.2	20.6	73.1	21.0
		11.0	9.8	76.1	19.5	76.0	19.9	75.8	20.4	75.7	20.6	75.7	20.9	75.6	21.0
13.0	11.8	78.7	19.7	78.6	20.2	78.4	20.7	78.3	20.9	78.2	21.0	78.1	21.0		
15.0	13.7	81.2	20.0	81.1	20.4	80.9	20.9	80.1	20.8	80.1	20.8	80.0	20.8		
110	605	-19.8	-20.0	36.9	11.6	36.8	12.5	36.6	13.4	36.6	13.8	36.5	14.3	36.4	15.2
		-18.8	-19.0	38.2	12.1	38.1	13.0	38.0	13.9	37.9	14.4	37.8	14.8	37.7	15.7
		-16.7	-17.0	40.8	13.2	40.7	14.0	40.6	14.8	40.5	15.3	40.4	15.7	40.3	16.5
		-14.7	-15.0	43.5	14.1	43.3	14.9	43.2	15.7	43.1	16.0	43.1	16.4	42.9	17.2
		-12.6	-13.0	46.1	14.9	45.9	15.7	45.8	16.4	45.7	16.7	45.7	17.1	45.5	17.8
		-10.5	-11.0	48.7	15.7	48.6	16.3	48.4	17.0	48.4	17.4	48.3	17.7	48.1	18.4
		-9.5	-10.0	50.0	16.0	49.9	16.7	49.7	17.3	49.7	17.7	49.6	18.0	49.5	18.6
		-8.5	-9.1	51.2	16.3	51.0	16.9	50.9	17.6	50.8	17.9	50.8	18.2	50.6	18.9
		-7.0	-7.6	53.1	16.7	53.0	17.3	52.9	18.0	52.8	18.3	52.7	18.6	52.6	19.2
		-5.0	-5.6	55.7	17.3	55.6	17.8	55.5	18.4	55.4	18.7	55.3	19.0	55.2	19.6
		-3.0	-3.7	58.2	17.7	58.1	18.3	58.0	18.9	57.9	19.1	57.8	19.4	57.7	20.0
		0.0	-0.7	62.2	18.4	62.0	18.9	61.9	19.4	61.8	19.7	61.8	20.0	61.6	20.5
		3.0	2.2	65.9	18.9	65.8	19.4	65.7	19.9	65.6	20.2	65.5	20.4	65.4	20.9
		5.0	4.1	68.4	19.3	68.3	19.8	68.2	20.2	68.1	20.5	68.0	20.7	67.9	21.0
		7.0	6.0	70.9	19.6	70.8	20.1	70.6	20.5	70.6	20.7	70.5	21.0	70.4	21.0
		9.0	7.9	73.4	19.9	73.3	20.3	73.1	20.8	73.1	21.0	73.0	21.0	72.9	21.0
		11.0	9.8	75.9	20.1	75.8	20.6	75.6	21.0	75.5	21.0	75.4	21.0	75.3	21.0
13.0	11.8	78.5	20.4	78.4	20.8	78.3	21.0	78.2	21.0	78.1	21.0	78.0	21.0		
15.0	13.7	81.0	20.6	80.8	21.0	80.7	21.0	80.6	21.0	80.5	21.0	80.4	21.0		
100	550	-19.8	-20.0	36.7	13.0	36.6	13.9	36.5	14.7	36.4	15.1	36.3	15.5	36.2	16.3
		-18.8	-19.0	38.0	13.6	37.9	14.4	37.8	15.2	37.7	15.6	37.6	16.0	37.5	16.8
		-16.7	-17.0	40.6	14.5	40.5	15.3	40.4	16.0	40.3	16.4	40.3	16.8	40.1	17.5
		-14.7	-15.0	43.2	15.4	43.1	16.1	43.0	16.8	42.9	17.1	42.9	17.5	42.8	18.2
		-12.6	-13.0	45.9	16.1	45.7	16.8	45.6	17.4	45.6	17.7	45.5	18.1	45.4	18.7
		-10.5	-11.0	48.5	16.7	48.3	17.4	48.2	18.0	48.2	18.3	48.1	18.6	48.0	19.2
		-9.5	-10.0	49.8	17.1	49.7	17.7	49.5	18.3	49.5	18.6	49.4	18.9	49.3	19.5
		-8.5	-9.1	51.0	17.3	50.8	17.9	50.7	18.5	50.7	18.8	50.6	19.1	50.5	19.7
		-7.0	-7.6	52.9	17.7	52.8	18.3	52.7	18.8	52.6	19.1	52.6	19.4	52.4	20.0
		-5.0	-5.6	55.5	18.2	55.4	18.7	55.3	19.3	55.2	19.6	55.2	19.8	55.0	20.4
		-3.0	-3.7	58.0	18.6	57.9	19.1	57.8	19.7	57.7	19.9	57.7	20.2	57.5	20.7
		0.0	-0.7	61.9	19.2	61.8	19.7	61.7	20.2	61.6	20.4	61.6	20.7	61.5	20.5
		3.0	2.2	65.7	19.7	65.6	20.2	65.5	20.6	65.4	20.9	65.4	20.9	65.3	20.5
		5.0	4.1	68.2	20.0	68.1	20.5	68.0	20.9	67.9	21.0	67.8	21.0	67.7	21.0
		7.0	6.0	70.7	20.3	70.6	20.7	70.5	21.0	70.4	21.0	70.3	21.0	70.2	21.0
		9.0	7.9	73.2	20.6	73.1	21.0	73.0	21.0	72.9	21.0	72.8	21.0	72.7	21.0
		11.0	9.8	75.7	20.8	75.6	21.0	75.5	21.0	75.4	21.0	75.3	21.0	75.2	21.0
13.0	11.8	77.9	20.9	77.8	21.0	77.7	21.0	77.6	21.0	77.5	21.0	77.4	21.0		
15.0	13.7	79.9	21.0	79.8	21.0	79.7	21.0	79.6	21.0	79.5	21.0	79.4	21.0		

3 Capacity tables

3-2 Heating capacity

3-2-8 22HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB													
				16.0		18.0		20.0		21.0		22.0		24.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
90	495	°CDB	°CWB														
		-19.8	-20.0	36.5	14.5	36.4	15.2	36.3	16.0	36.2	16.4	36.2	16.7	36.1	17.5		
		-18.8	-19.0	37.8	15.0	37.7	15.7	37.6	16.4	37.5	16.8	37.5	17.1	37.4	17.8		
		-16.7	-17.0	40.4	15.8	40.3	16.5	40.2	17.2	40.1	17.5	40.1	17.8	40.0	18.5		
		-14.7	-15.0	43.0	16.6	42.9	17.2	42.8	17.8	42.8	18.2	42.7	18.5	42.6	19.1		
		-12.6	-13.0	45.6	17.2	45.5	17.8	45.4	18.4	45.4	18.7	45.3	19.0	45.2	19.6		
		-10.5	-11.0	48.3	17.8	48.1	18.4	48.0	19.0	48.0	19.2	47.9	19.5	47.8	20.1		
		-9.5	-10.0	49.6	18.1	49.5	18.7	49.3	19.2	49.3	19.5	49.2	19.7	49.1	20.3		
		-8.5	-9.1	50.7	18.3	50.6	18.9	50.5	19.4	50.5	19.7	50.4	19.9	50.3	20.5		
		-7.0	-7.6	52.7	18.7	52.6	19.2	52.5	19.7	52.4	20.0	52.4	20.2	52.3	20.7		
		-5.0	-5.6	55.3	19.2	55.2	19.6	55.1	20.1	55.0	20.4	55.0	20.6	54.1	20.6		
		-3.0	-3.7	57.8	19.5	57.7	20.0	57.6	20.5	57.5	20.7	57.5	20.9	54.1	19.6		
		0.0	-0.7	61.7	20.1	61.6	20.5	61.5	20.9	60.1	20.4	58.1	19.6	54.1	18.1		
		3.0	2.2	65.5	20.5	65.4	20.9	62.1	19.8	60.1	19.0	58.1	18.3	54.1	16.8		
		5.0	4.1	68.0	20.8	66.1	20.3	62.1	18.9	60.1	18.2	58.1	17.5	54.1	16.1		
		7.0	6.0	70.1	20.9	66.1	19.5	62.1	18.1	60.1	17.4	58.1	16.8	54.1	15.5		
		9.0	7.9	70.1	20.0	66.1	18.7	62.1	17.4	60.1	16.7	58.1	16.1	54.1	14.9		
11.0	9.8	70.1	19.2	66.1	17.9	62.1	16.7	60.1	16.1	58.1	15.5	54.1	14.3				
13.0	11.8	70.1	18.5	66.1	17.2	62.1	16.1	60.1	15.5	58.1	14.9	54.1	13.8				
15.0	13.7	70.1	17.8	66.1	16.6	62.1	15.5	60.1	14.9	58.1	14.4	54.1	13.3				
80	440	-19.8	-20.0	36.3	15.9	36.2	16.6	36.1	17.3	36.0	17.6	36.0	17.9	35.9	18.6		
		-18.8	-19.0	37.6	16.4	37.5	17.0	37.4	17.7	37.3	18.0	37.3	18.3	37.2	18.9		
		-16.7	-17.0	40.2	17.1	40.1	17.7	40.0	18.3	40.0	18.6	39.9	18.9	39.8	19.5		
		-14.7	-15.0	42.8	17.8	42.7	18.4	42.6	18.9	42.6	19.2	42.5	19.5	42.4	20.0		
		-12.6	-13.0	45.4	18.4	45.3	18.9	45.2	19.5	45.2	19.7	45.1	20.0	45.0	20.5		
		-10.5	-11.0	48.0	18.9	47.9	19.4	47.9	19.9	47.8	20.2	47.8	20.4	47.7	20.9		
		-9.5	-10.0	49.4	19.2	49.3	19.7	49.2	20.1	49.1	20.4	49.1	20.6	48.1	20.5		
		-8.5	-9.1	50.5	19.4	50.4	19.9	50.3	20.3	50.3	20.6	50.2	20.8	48.1	19.9		
		-7.0	-7.6	52.5	19.7	52.4	20.2	52.3	20.6	52.2	20.8	51.7	20.7	48.1	19.0		
		-5.0	-5.6	55.1	20.1	55.0	20.5	54.9	21.0	53.4	20.3	51.7	19.5	48.1	18.0		
		-3.0	-3.7	57.6	20.4	57.5	20.9	55.2	20.0	53.4	19.3	51.7	18.5	48.1	17.0		
		0.0	-0.7	61.5	20.9	58.7	19.9	55.2	18.5	53.4	17.8	51.7	17.1	48.1	15.8		
		3.0	2.2	62.3	19.8	58.7	18.5	55.2	17.2	53.4	16.6	51.7	16.0	48.1	14.7		
		5.0	4.1	62.3	19.0	58.7	17.7	55.2	16.5	53.4	15.9	51.7	15.3	48.1	14.1		
		7.0	6.0	62.3	18.2	58.7	17.0	55.2	15.8	53.4	15.2	51.7	14.7	48.1	13.6		
		9.0	7.9	62.3	17.4	58.7	16.3	55.2	15.2	53.4	14.7	51.7	14.1	48.1	13.1		
		11.0	9.8	62.3	16.8	58.7	15.7	55.2	14.6	53.4	14.1	51.7	13.6	48.1	12.6		
13.0	11.8	62.3	16.1	58.7	15.1	55.2	14.1	53.4	13.6	51.7	13.1	48.1	12.1				
15.0	13.7	62.3	15.5	58.7	14.6	55.2	13.6	53.4	13.1	51.7	12.7	48.1	11.7				
70	385	-19.8	-20.0	36.1	17.4	36.0	18.0	35.9	18.6	35.8	18.9	35.8	19.1	35.7	19.7		
		-18.8	-19.0	37.4	17.8	37.3	18.3	37.2	18.9	37.2	19.2	37.1	19.5	37.0	20.0		
		-16.7	-17.0	40.0	18.5	39.9	19.0	39.8	19.5	39.8	19.8	39.7	20.0	39.6	20.5		
		-14.7	-15.0	42.6	19.0	42.5	19.5	42.4	20.0	42.4	20.3	42.3	20.5	42.1	20.9		
		-12.6	-13.0	45.2	19.6	45.1	20.0	45.0	20.5	45.0	20.7	45.0	20.9	42.1	19.4		
		-10.5	-11.0	47.8	20.0	47.7	20.5	47.7	20.9	46.7	20.5	45.2	19.7	42.1	18.1		
		-9.5	-10.0	49.1	20.2	49.1	20.7	48.3	20.6	46.7	19.8	45.2	19.1	42.1	17.5		
		-8.5	-9.1	50.3	20.4	50.2	20.8	48.3	20.0	46.7	19.3	45.2	18.5	42.1	17.1		
		-7.0	-7.6	52.3	20.7	51.4	20.6	48.3	19.1	46.7	18.4	45.2	17.7	42.1	16.3		
		-5.0	-5.6	54.5	20.8	51.4	19.4	48.3	18.0	46.7	17.4	45.2	16.7	42.1	15.4		
		-3.0	-3.7	54.5	19.7	51.4	18.4	48.3	17.1	46.7	16.5	45.2	15.9	42.1	14.7		
		0.0	-0.7	54.5	18.2	51.4	17.0	48.3	15.9	46.7	15.3	45.2	14.7	42.1	13.6		
		3.0	2.2	54.5	17.0	51.4	15.9	48.3	14.8	46.7	14.3	45.2	13.8	42.1	12.7		
		5.0	4.1	54.5	16.2	51.4	15.2	48.3	14.2	46.7	13.7	45.2	13.2	42.1	12.2		
		7.0	6.0	54.5	15.6	51.4	14.6	48.3	13.6	46.7	13.2	45.2	12.7	42.1	11.8		
		9.0	7.9	54.5	15.0	51.4	14.0	48.3	13.1	46.7	12.7	45.2	12.2	42.1	11.3		
		11.0	9.8	54.5	14.4	51.4	13.5	48.3	12.6	46.7	12.2	45.2	11.8	42.1	10.9		
13.0	11.8	54.5	13.9	51.4	13.0	48.3	12.2	46.7	11.8	45.2	11.4	42.1	10.6				
15.0	13.7	54.5	13.4	51.4	12.6	48.3	11.8	46.7	11.4	45.2	11.0	42.1	10.2				
60	330	-19.8	-20.0	35.8	18.9	35.8	19.4	35.7	19.9	35.7	20.1	35.6	20.4	35.6	20.9		
		-18.8	-19.0	37.2	19.2	37.1	19.7	37.0	20.1	37.0	20.4	36.9	20.6	36.1	20.4		
		-16.7	-17.0	39.8	19.8	39.7	20.2	39.6	20.7	39.6	20.9	38.7	20.4	36.1	18.8		
		-14.7	-15.0	42.4	20.3	42.3	20.7	41.4	20.5	40.1	19.7	38.7	18.9	36.1	17.4		
		-12.6	-13.0	45.0	20.7	44.1	20.5	41.4	19.0	40.1	18.3	38.7	17.6	36.1	16.2		
		-10.5	-11.0	46.7	20.5	44.1	19.1	41.4	17.8	40.1	17.1	38.7	16.5	36.1	15.2		
		-9.5	-10.0	46.7	19.8	44.1	18.5	41.4	17.2	40.1	16.6	38.7	16.0	36.1	14.7		
		-8.5	-9.1	46.7	19.3	44.1	18.0	41.4	16.7	40.1	16.1	38.7	15.5	36.1	14.3		
		-7.0	-7.6	46.7	18.4	44.1	17.2	41.4	16.0	40.1	15.4	38.7	14.9	36.1	13.7		
		-5.0	-5.6	46.7	17.4	44.1	16.2	41.4	15.1	40.1	14.6	38.7	14.1	36.1	13.0		
		-3.0	-3.7	46.7	16.5	44.1	15.4	41.4	14.4	40.1	13.9	38.7	13.4	36.1	12.4		
		0.0	-0.7	46.7	15.3	44.1	14.3	41.4	13.4	40.1	12.9	38.7	12.4	36.1	11.5		
		3.0	2.2	46.7	14.3	44.1	13.4	41.4	12.5	40.1	12.1	38.7	11.7	36.1	10.8		
		5.0	4.1	46.7	13.7	44.1	12.8	41.4	12.0	40.1	11.6	38.7	11.2	36.1	10.4		
		7.0	6.0	46.7	13.1	44.1	12.3	41.4	11.6	40.1	11.2	38.7	10.8	36.1	10.0		
		9.0	7.9	46.7	12.7	44.1	11.9	41.4	11.1	40.1	10.8	38.7	10.4	36.1	9.69		
		11.0	9.8	46.7	12.2	44.1	11.5	41.4	10.8	40.1	10.4	38.7	10.1	36.1	9.37		
13.0	11.8	46.7	11.8	44.1	11.1	41.4	10.4	40.1	10.0	38.7	9.71	36.1	9.06				
15.0	13.7	46.7	11.4	44.1	10.7	41.4	10.1	40.1	9.73	38.7	9.41	36.1	8.78				

3 Capacity tables

3-2 Heating capacity

3-2-8 22HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
50	275	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
		-19.8	-20.0	35.6	20.3	35.6	20.7	34.5	20.2	33.4	19.5	32.3	18.7	30.1	17.2	
		-18.8	-19.0	36.9	20.6	36.7	20.8	34.5	19.4	33.4	18.6	32.3	17.9	30.1	16.5	
		-16.7	-17.0	38.9	20.6	36.7	19.2	34.5	17.8	33.4	17.2	32.3	16.5	30.1	15.2	
		-14.7	-15.0	38.9	19.0	36.7	17.8	34.5	16.5	33.4	15.9	32.3	15.3	30.1	14.2	
		-12.6	-13.0	38.9	17.7	36.7	16.5	34.5	15.4	33.4	14.9	32.3	14.3	30.1	13.2	
		-10.5	-11.0	38.9	16.6	36.7	15.5	34.5	14.5	33.4	13.9	32.3	13.4	30.1	12.5	
		-9.5	-10.0	38.9	16.0	36.7	15.0	34.5	14.0	33.4	13.5	32.3	13.0	30.1	12.1	
		-8.5	-9.1	38.9	15.6	36.7	14.6	34.5	13.7	33.4	13.2	32.3	12.7	30.1	11.8	
		-7.0	-7.6	38.9	14.9	36.7	14.0	34.5	13.1	33.4	12.6	32.3	12.2	30.1	11.3	
		-5.0	-5.6	38.9	14.1	36.7	13.3	34.5	12.4	33.4	12.0	32.3	11.6	30.1	10.7	
		-3.0	-3.7	38.9	13.5	36.7	12.6	34.5	11.8	33.4	11.4	32.3	11.0	30.1	10.3	
		0.0	-0.7	38.9	12.5	36.7	11.8	34.5	11.0	33.4	10.7	32.3	10.3	30.1	9.59	
		3.0	2.2	38.9	11.7	36.7	11.0	34.5	10.3	33.4	10.0	32.3	9.68	30.1	9.03	
		5.0	4.1	38.9	11.3	36.7	10.6	34.5	9.96	33.4	9.64	32.3	9.32	30.1	8.70	
		7.0	6.0	38.9	10.8	36.7	10.2	34.5	9.60	33.4	9.30	32.3	8.99	30.1	8.40	
		9.0	7.9	38.9	10.5	36.7	9.86	34.5	9.27	33.4	8.98	32.3	8.69	30.1	8.12	
		11.0	9.8	38.9	10.1	36.7	9.53	34.5	8.97	33.4	8.69	32.3	8.41	30.1	7.87	
13.0	11.8	38.9	9.76	36.7	9.21	34.5	8.67	33.4	8.40	32.3	8.14	30.1	7.62			
15.0	13.7	38.9	9.46	36.7	8.93	34.5	8.41	33.4	8.15	32.3	7.90	30.1	7.40			

NOTE

- 1 [] is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by [].

3 Capacity tables

3-2 Heating capacity

3-2-9 24HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
130	780	°CDB	°CWB													
		-19.8	-20.0	43.2	11.2	43.1	12.4	42.9	13.6	42.8	14.2	42.7	14.8	42.5	16.0	
		-18.8	-19.0	44.8	12.0	44.6	13.2	44.4	14.3	44.3	14.9	44.2	15.5	44.1	16.6	
		-16.7	-17.0	47.8	13.4	47.6	14.5	47.4	15.5	47.4	16.1	47.3	16.6	47.1	17.7	
		-14.7	-15.0	50.8	14.6	50.7	15.6	50.5	16.6	50.4	17.1	50.3	17.6	50.1	18.6	
		-12.6	-13.0	53.9	15.7	53.7	16.6	53.5	17.5	53.4	18.0	53.3	18.5	53.2	19.4	
		-10.5	-11.0	56.9	16.6	56.7	17.5	56.6	18.4	56.5	18.8	56.4	19.3	56.2	20.2	
		-9.5	-10.0	58.4	17.0	58.2	17.9	58.1	18.8	58.0	19.2	57.9	19.6	57.7	20.5	
		-8.5	-9.1	59.8	17.4	59.6	18.2	59.4	19.1	59.4	19.5	59.3	19.9	59.1	20.8	
		-7.0	-7.6	62.1	18.0	61.9	18.8	61.7	19.6	61.6	20.0	61.5	20.4	61.4	21.2	
		-5.0	-5.6	65.1	18.7	64.9	19.5	64.8	20.2	64.7	20.6	64.6	21.0	64.4	21.8	
		-3.0	-3.7	68.0	19.3	67.8	20.0	67.6	20.8	67.6	21.1	67.5	21.5	67.3	22.2	
		0.0	-0.7	72.6	20.1	72.4	20.8	72.2	21.5	72.1	21.9	72.0	22.2	71.9	22.9	
		3.0	2.2	77.0	20.9	76.8	21.5	76.6	22.2	76.5	22.5	76.4	22.8	76.3	23.5	
		5.0	4.1	79.8	21.3	79.7	21.9	79.5	22.6	79.4	22.9	79.3	23.2	79.1	23.8	
		7.0	6.0	82.7	21.7	82.6	22.3	82.4	22.9	82.3	23.2	82.2	23.5	82.0	24.1	
		9.0	7.9	85.6	22.1	85.4	22.7	85.3	23.3	85.2	23.5	85.1	23.8	84.9	24.4	
11.0	9.8	88.5	22.4	88.3	23.0	88.2	23.6	88.1	23.9	88.0	24.1	86.7	24.2			
13.0	11.8	91.5	22.8	91.4	23.3	91.2	23.9	91.1	24.1	91.0	24.4	86.7	23.2			
15.0	13.7	94.4	23.1	94.3	23.6	94.1	24.1	94.0	24.4	93.1	24.3	86.7	22.3			
120	720	-19.8	-20.0	43.0	12.9	42.8	14.0	42.7	15.1	42.6	15.6	42.5	16.2	42.3	17.3	
		-18.8	-19.0	44.5	13.6	44.4	14.6	44.2	15.7	44.1	16.2	44.0	16.8	43.9	17.8	
		-16.7	-17.0	47.6	14.8	47.4	15.8	47.2	16.8	47.1	17.3	47.1	17.8	46.9	18.8	
		-14.7	-15.0	50.6	15.9	50.4	16.9	50.3	17.8	50.2	18.3	50.1	18.7	49.9	19.7	
		-12.6	-13.0	53.6	16.9	53.5	17.8	53.3	18.7	53.2	19.1	53.1	19.5	53.0	20.4	
		-10.5	-11.0	56.7	17.8	56.5	18.6	56.3	19.4	56.3	19.9	56.2	20.3	56.0	21.1	
		-9.5	-10.0	58.2	18.2	58.0	19.0	57.9	19.8	57.8	20.2	57.7	20.6	57.5	21.4	
		-8.5	-9.1	59.6	18.5	59.4	19.3	59.2	20.1	59.2	20.5	59.1	20.9	58.9	21.7	
		-7.0	-7.6	61.8	19.1	61.7	19.8	61.5	20.6	61.4	20.9	61.3	21.3	61.2	22.1	
		-5.0	-5.6	64.9	19.7	64.7	20.4	64.5	21.2	64.5	21.5	64.4	21.9	64.2	22.6	
		-3.0	-3.7	67.8	20.3	67.6	21.0	67.4	21.7	67.4	22.0	67.3	22.3	67.1	23.0	
		0.0	-0.7	72.3	21.1	72.2	21.7	72.0	22.4	71.9	22.7	71.8	23.0	71.7	23.6	
		3.0	2.2	76.7	21.8	76.6	22.4	76.4	23.0	76.3	23.3	76.2	23.6	76.1	24.2	
		5.0	4.1	79.6	22.2	79.4	22.7	79.3	23.3	79.2	23.6	79.1	23.9	79.0	24.5	
		7.0	6.0	82.5	22.5	82.3	23.1	82.2	23.6	82.1	23.9	82.0	24.2	80.0	23.9	
		9.0	7.9	85.4	22.9	85.2	23.4	85.1	24.0	85.0	24.2	84.9	24.5	80.0	22.9	
		11.0	9.8	88.3	23.2	88.1	23.7	87.9	24.2	87.9	24.5	85.9	23.9	80.0	22.0	
13.0	11.8	91.3	23.5	91.1	24.0	91.0	24.5	88.9	23.9	85.9	23.0	80.0	21.1			
15.0	13.7	94.2	23.8	94.0	24.3	91.8	23.9	88.9	23.0	85.9	22.1	80.0	20.3			
110	660	-19.8	-20.0	42.8	14.5	42.6	15.5	42.5	16.5	42.4	17.0	42.3	17.5	42.2	18.5	
		-18.8	-19.0	44.3	15.1	44.1	16.1	44.0	17.1	43.9	17.6	43.8	18.0	43.7	19.0	
		-16.7	-17.0	47.3	16.3	47.2	17.2	47.0	18.1	46.9	18.6	46.9	19.0	46.7	19.9	
		-14.7	-15.0	50.4	17.3	50.2	18.2	50.1	19.0	50.0	19.4	49.9	19.9	49.8	20.7	
		-12.6	-13.0	53.4	18.2	53.2	19.0	53.1	19.8	53.0	20.2	52.9	20.6	52.8	21.4	
		-10.5	-11.0	56.4	19.0	56.3	19.8	56.1	20.5	56.1	20.9	56.0	21.3	55.8	22.0	
		-9.5	-10.0	58.0	19.4	57.8	20.1	57.7	20.8	57.6	21.2	57.5	21.6	57.4	22.3	
		-8.5	-9.1	59.3	19.7	59.2	20.4	59.0	21.1	58.9	21.5	58.9	21.8	58.7	22.5	
		-7.0	-7.6	61.6	20.2	61.4	20.9	61.3	21.5	61.2	21.9	61.2	22.2	61.0	22.9	
		-5.0	-5.6	64.6	20.8	64.5	21.4	64.3	22.1	64.3	22.4	64.2	22.7	64.0	23.4	
		-3.0	-3.7	67.5	21.3	67.4	21.9	67.2	22.5	67.2	22.9	67.1	23.2	66.9	23.8	
		0.0	-0.7	72.1	22.0	71.9	22.6	71.8	23.2	71.7	23.5	71.6	23.8	71.5	24.4	
		3.0	2.2	76.5	22.6	76.3	23.2	76.2	23.7	76.1	24.0	76.0	24.3	73.3	23.5	
		5.0	4.1	79.4	23.0	79.2	23.5	79.1	24.1	79.0	24.3	78.7	24.5	73.3	22.5	
		7.0	6.0	82.3	23.3	82.1	23.9	82.0	24.4	81.4	24.4	78.7	23.4	73.3	21.5	
		9.0	7.9	85.1	23.7	85.0	24.2	84.2	24.3	81.4	23.4	78.7	22.5	73.3	20.7	
		11.0	9.8	88.0	24.0	87.9	24.4	84.2	23.4	81.4	22.5	78.7	21.6	73.3	19.8	
13.0	11.8	91.1	24.3	89.6	24.1	84.2	22.4	81.4	21.5	78.7	20.7	73.3	19.1			
15.0	13.7	94.0	24.5	89.6	23.2	84.2	21.6	81.4	20.8	78.7	20.0	73.3	18.4			
100	600	-19.8	-20.0	42.5	16.1	42.4	17.0	42.3	17.9	42.2	18.4	42.1	18.8	42.0	19.8	
		-18.8	-19.0	44.0	16.7	43.9	17.6	43.8	18.4	43.7	18.9	43.6	19.3	43.5	20.2	
		-16.7	-17.0	47.1	17.7	46.9	18.6	46.8	19.4	46.7	19.8	46.7	20.2	46.5	21.0	
		-14.7	-15.0	50.1	18.7	50.0	19.4	49.8	20.2	49.8	20.6	49.7	21.0	49.6	21.8	
		-12.6	-13.0	53.2	19.5	53.0	20.2	52.9	20.9	52.8	21.3	52.8	21.7	52.6	22.4	
		-10.5	-11.0	56.2	20.2	56.1	20.9	55.9	21.6	55.9	21.9	55.8	22.3	55.7	23.0	
		-9.5	-10.0	57.7	20.5	57.6	21.2	57.4	21.9	57.4	22.2	57.3	22.5	57.2	23.2	
		-8.5	-9.1	59.1	20.8	58.9	21.5	58.8	22.1	58.7	22.5	58.7	22.8	58.5	23.4	
		-7.0	-7.6	61.4	21.3	61.2	21.9	61.1	22.5	61.0	22.8	61.0	23.1	60.8	23.8	
		-5.0	-5.6	64.4	21.8	64.3	22.4	64.1	23.0	64.1	23.3	64.0	23.6	63.9	24.2	
		-3.0	-3.7	67.3	22.3	67.2	22.9	67.0	23.4	66.9	23.7	66.9	24.0	66.7	24.5	
		0.0	-0.7	71.8	22.9	71.7	23.5	71.6	24.0	71.5	24.3	71.4	24.5	66.7	22.6	
		3.0	2.2	76.2	23.5	76.1	24.0	76.0	24.5	74.0	23.8	71.6	22.9	66.7	21.0	
		5.0	4.1	79.1	23.9	79.0	24.3	76.5	23.7	74.0	22.8	71.6	21.9	66.7	20.1	
		7.0	6.0	82.0	24.2	81.4	24.4	76.5	22.6	74.0	21.8	71.6	20.9	66.7	19.3	
		9.0	7.9	84.9	24.5	81.4	23.4	76.5	21.7	74.0	20.9	71.6	20.1	66.7	18.5	
		11.0	9.8	86.3	24.1	81.4	22.4	76.5	20.9	74.0	20.1	71.6	19.3	66.7	17.8	
13.0	11.8	86.3	23.1	81.4	21.5	76.5	20.0	74.0	19.3	71.6	18.5	66.7	17.1			
15.0	13.7	86.3	22.2	81.4	20.7	76.5	19.3	74.0	18.6	71.6	17.9	66.7	16.5			

3 Capacity tables

3-2 Heating capacity

3-2-9 24HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW		kW		kW		kW		kW		kW	
90	540	-19.8	-20.0	42.3	17.7	42.2	18.5	42.0	19.4	42.0	19.8	41.9	20.2	41.8	21.0
		-18.8	-19.0	43.8	18.2	43.7	19.0	43.6	19.8	43.5	20.2	43.4	20.6	43.3	21.4
		-16.7	-17.0	46.8	19.2	46.7	19.9	46.6	20.7	46.5	21.0	46.5	21.4	46.4	22.2
		-14.7	-15.0	49.9	20.0	49.8	20.7	49.6	21.4	49.6	21.8	49.5	22.1	49.4	22.8
		-12.6	-13.0	52.9	20.8	52.8	21.4	52.7	22.1	52.6	22.4	52.6	22.7	52.4	23.4
		-10.5	-11.0	56.0	21.4	55.8	22.0	55.7	22.6	55.7	23.0	55.6	23.3	55.5	23.9
		-9.5	-10.0	57.5	21.7	57.4	22.3	57.2	22.9	57.2	23.2	57.1	23.5	57.0	24.1
		-8.5	-9.1	58.8	22.0	58.7	22.6	58.6	23.1	58.5	23.4	58.5	23.7	58.4	24.3
		-7.0	-7.6	61.1	22.4	61.0	22.9	60.9	23.5	60.8	23.8	60.8	24.1	60.0	24.2
		-5.0	-5.6	64.2	22.9	64.0	23.4	63.9	23.9	63.9	24.2	63.8	24.5	60.0	22.8
		-3.0	-3.7	67.0	23.3	66.9	23.8	66.8	24.3	66.6	24.5	64.4	23.5	60.0	21.6
		0.0	-0.7	71.6	23.9	71.5	24.4	68.9	23.5	66.6	22.6	64.4	21.7	60.0	20.0
		3.0	2.2	76.0	24.4	73.3	23.5	68.9	21.8	66.6	21.0	64.4	20.2	60.0	18.6
		5.0	4.1	77.7	24.1	73.3	22.5	68.9	20.9	66.6	20.1	64.4	19.3	60.0	17.8
		7.0	6.0	77.7	23.1	73.3	21.5	68.9	20.0	66.6	19.3	64.4	18.5	60.0	17.1
		9.0	7.9	77.7	22.1	73.3	20.6	68.9	19.2	66.6	18.5	64.4	17.8	60.0	16.4
		11.0	9.8	77.7	21.2	73.3	19.8	68.9	18.5	66.6	17.8	64.4	17.1	60.0	15.8
13.0	11.8	77.7	20.4	73.3	19.0	68.9	17.7	66.6	17.1	64.4	16.5	60.0	15.2		
15.0	13.7	77.7	19.6	73.3	18.4	68.9	17.1	66.6	16.5	64.4	15.9	60.0	14.7		
80	480	-19.8	-20.0	42.1	19.3	41.9	20.0	41.8	20.8	41.8	21.2	41.7	21.5	41.6	22.3
		-18.8	-19.0	43.6	19.8	43.5	20.5	43.4	21.2	43.3	21.6	43.2	21.9	43.1	22.6
		-16.7	-17.0	46.6	20.6	46.5	21.3	46.4	22.0	46.3	22.3	46.3	22.6	46.2	23.3
		-14.7	-15.0	49.6	21.4	49.5	22.0	49.4	22.6	49.4	22.9	49.3	23.2	49.2	23.9
		-12.6	-13.0	52.7	22.0	52.6	22.6	52.5	23.2	52.4	23.5	52.4	23.8	52.3	24.4
		-10.5	-11.0	55.7	22.6	55.6	23.2	55.5	23.7	55.5	24.0	55.4	24.3	53.3	23.5
		-9.5	-10.0	57.2	22.9	57.1	23.4	57.0	24.0	57.0	24.2	56.9	24.5	53.3	22.7
		-8.5	-9.1	58.6	23.1	58.5	23.6	58.4	24.2	58.3	24.4	57.3	24.0	53.3	22.0
		-7.0	-7.6	60.9	23.5	60.8	24.0	60.7	24.5	59.2	23.8	57.3	22.9	53.3	21.0
		-5.0	-5.6	63.9	23.9	63.8	24.4	61.2	23.4	59.2	22.5	57.3	21.6	53.3	19.8
		-3.0	-3.7	66.8	24.3	65.1	23.8	61.2	22.1	59.2	21.3	57.3	20.5	53.3	18.8
		0.0	-0.7	69.1	23.6	65.1	22.0	61.2	20.4	59.2	19.7	57.3	18.9	53.3	17.4
		3.0	2.2	69.1	21.9	65.1	20.5	61.2	19.0	59.2	18.3	57.3	17.6	53.3	16.3
		5.0	4.1	69.1	21.0	65.1	19.6	61.2	18.2	59.2	17.6	57.3	16.9	53.3	15.6
		7.0	6.0	69.1	20.1	65.1	18.8	61.2	17.5	59.2	16.8	57.3	16.2	53.3	15.0
		9.0	7.9	69.1	19.3	65.1	18.0	61.2	16.8	59.2	16.2	57.3	15.6	53.3	14.4
		11.0	9.8	69.1	18.5	65.1	17.3	61.2	16.2	59.2	15.6	57.3	15.0	53.3	13.9
13.0	11.8	69.1	17.8	65.1	16.7	61.2	15.6	59.2	15.0	57.3	14.5	53.3	13.4		
15.0	13.7	69.1	17.2	65.1	16.1	61.2	15.0	59.2	14.5	57.3	14.0	53.3	13.0		
70	420	-19.8	-20.0	41.8	20.9	41.7	21.6	41.6	22.2	41.6	22.5	41.5	22.9	41.4	23.5
		-18.8	-19.0	43.3	21.3	43.2	22.0	43.1	22.6	43.1	22.9	43.1	23.2	43.0	23.8
		-16.7	-17.0	46.4	22.1	46.3	22.7	46.2	23.2	46.1	23.5	46.1	23.8	46.0	24.4
		-14.7	-15.0	49.4	22.7	49.3	23.3	49.2	23.8	49.2	24.1	49.1	24.4	46.7	23.1
		-12.6	-13.0	52.4	23.3	52.4	23.8	52.3	24.3	51.8	24.3	50.1	23.3	46.7	21.4
		-10.5	-11.0	55.5	23.8	55.4	24.3	53.6	23.6	51.8	22.7	50.1	21.8	46.7	20.0
		-9.5	-10.0	57.0	24.1	56.9	24.5	53.6	22.8	51.8	21.9	50.1	21.1	46.7	19.4
		-8.5	-9.1	58.4	24.3	57.0	23.9	53.6	22.1	51.8	21.3	50.1	20.5	46.7	18.9
		-7.0	-7.6	60.4	24.4	57.0	22.8	53.6	21.1	51.8	20.3	50.1	19.6	46.7	18.0
		-5.0	-5.6	60.4	23.0	57.0	21.4	53.6	19.9	51.8	19.2	50.1	18.5	46.7	17.0
		-3.0	-3.7	60.4	21.8	57.0	20.3	53.6	18.9	51.8	18.2	50.1	17.5	46.7	16.2
		0.0	-0.7	60.4	20.1	57.0	18.8	53.6	17.5	51.8	16.9	50.1	16.3	46.7	15.0
		3.0	2.2	60.4	18.8	57.0	17.5	53.6	16.4	51.8	15.8	50.1	15.2	46.7	14.1
		5.0	4.1	60.4	18.0	57.0	16.8	53.6	15.7	51.8	15.1	50.1	14.6	46.7	13.5
		7.0	6.0	60.4	17.2	57.0	16.1	53.6	15.1	51.8	14.5	50.1	14.0	46.7	13.0
		9.0	7.9	60.4	16.6	57.0	15.5	53.6	14.5	51.8	14.0	50.1	13.5	46.7	12.5
		11.0	9.8	60.4	15.9	57.0	14.9	53.6	14.0	51.8	13.5	50.1	13.0	46.7	12.1
13.0	11.8	60.4	15.3	57.0	14.4	53.6	13.5	51.8	13.0	50.1	12.6	46.7	11.7		
15.0	13.7	60.4	14.8	57.0	13.9	53.6	13.0	51.8	12.6	50.1	12.2	46.7	11.3		
60	360	-19.8	-20.0	41.6	22.5	41.5	23.1	41.4	23.6	41.4	23.9	41.3	24.2	40.0	23.6
		-18.8	-19.0	43.1	22.9	43.0	23.4	42.9	24.0	42.9	24.2	42.9	24.5	40.0	22.6
		-16.7	-17.0	46.1	23.5	46.1	24.0	45.9	24.5	44.4	23.5	43.0	22.6	40.0	20.8
		-14.7	-15.0	49.2	24.1	48.8	24.4	45.9	22.6	44.4	21.7	43.0	20.9	40.0	19.2
		-12.6	-13.0	51.8	24.3	48.8	22.6	45.9	21.0	44.4	20.2	43.0	19.4	40.0	17.9
		-10.5	-11.0	51.8	22.6	48.8	21.1	45.9	19.6	44.4	18.9	43.0	18.2	40.0	16.8
		-9.5	-10.0	51.8	21.9	48.8	20.4	45.9	19.0	44.4	18.3	43.0	17.6	40.0	16.3
		-8.5	-9.1	51.8	21.3	48.8	19.9	45.9	18.5	44.4	17.8	43.0	17.2	40.0	15.8
		-7.0	-7.6	51.8	20.3	48.8	19.0	45.9	17.7	44.4	17.1	43.0	16.4	40.0	15.2
		-5.0	-5.6	51.8	19.2	48.8	17.9	45.9	16.7	44.4	16.1	43.0	15.5	40.0	14.4
		-3.0	-3.7	51.8	18.2	48.8	17.0	45.9	15.9	44.4	15.3	43.0	14.8	40.0	13.7
		0.0	-0.7	51.8	16.9	48.8	15.8	45.9	14.8	44.4	14.3	43.0	13.8	40.0	12.8
		3.0	2.2	51.8	15.8	48.8	14.8	45.9	13.8	44.4	13.4	43.0	12.9	40.0	12.0
		5.0	4.1	51.8	15.1	48.8	14.2	45.9	13.3	44.4	12.8	43.0	12.4	40.0	11.5
		7.0	6.0	51.8	14.5	48.8	13.6	45.9	12.8	44.4	12.4	43.0	11.9	40.0	11.1
		9.0	7.9	51.8	14.0	48.8	13.1	45.9	12.3	44.4	11.9	43.0	11.5	40.0	10.7
		11.0	9.8	51.8	13.5	48.8	12.7	45.9	11.9	44.4	11.5	43.0	11.1	40.0	10.4
13.0	11.8	51.8	13.0	48.8	12.2	45.9	11.5	44.4	11.1	43.0	10.7	40.0	10.0		
15.0	13.7	51.8	12.6	48.8	11.8	45.9	11.1	44.4	10.8	43.0	10.4	40.0	9.70		

3 Capacity tables

3-2 Heating capacity

3-2-9 24HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	300	-19.8	-20.0	41.3	24.2	40.7	24.1	38.3	22.3	37.0	21.5	35.8	20.7	33.3	19.0
		-18.8	-19.0	42.9	24.5	40.7	23.0	38.3	21.4	37.0	20.6	35.8	19.8	33.3	18.2
		-16.7	-17.0	43.2	22.7	40.7	21.2	38.3	19.7	37.0	19.0	35.8	18.3	33.3	16.8
		-14.7	-15.0	43.2	21.0	40.7	19.6	38.3	18.3	37.0	17.6	35.8	16.9	33.3	15.7
		-12.6	-13.0	43.2	19.6	40.7	18.3	38.3	17.0	37.0	16.4	35.8	15.8	33.3	14.6
		-10.5	-11.0	43.2	18.3	40.7	17.1	38.3	16.0	37.0	15.4	35.8	14.9	33.3	13.8
		-9.5	-10.0	43.2	17.7	40.7	16.6	38.3	15.5	37.0	15.0	35.8	14.4	33.3	13.4
		-8.5	-9.1	43.2	17.3	40.7	16.2	38.3	15.1	37.0	14.6	35.8	14.0	33.3	13.0
		-7.0	-7.6	43.2	16.5	40.7	15.5	38.3	14.5	37.0	14.0	35.8	13.5	33.3	12.5
		-5.0	-5.6	43.2	15.6	40.7	14.7	38.3	13.7	37.0	13.2	35.8	12.8	33.3	11.9
		-3.0	-3.7	43.2	14.9	40.7	14.0	38.3	13.1	37.0	12.6	35.8	12.2	33.3	11.3
		0.0	-0.7	43.2	13.8	40.7	13.0	38.3	12.2	37.0	11.8	35.8	11.4	33.3	10.6
		3.0	2.2	43.2	13.0	40.7	12.2	38.3	11.4	37.0	11.1	35.8	10.7	33.3	9.97
		5.0	4.1	43.2	12.5	40.7	11.7	38.3	11.0	37.0	10.7	35.8	10.3	33.3	9.61
		7.0	6.0	43.2	12.0	40.7	11.3	38.3	10.6	37.0	10.3	35.8	9.94	33.3	9.28
		9.0	7.9	43.2	11.6	40.7	10.9	38.3	10.2	37.0	9.92	35.8	9.60	33.3	8.97
		11.0	9.8	43.2	11.2	40.7	10.5	38.3	9.91	37.0	9.60	35.8	9.29	33.3	8.69
13.0	11.8	43.2	10.8	40.7	10.2	38.3	9.58	37.0	9.29	35.8	8.99	33.3	8.42		
15.0	13.7	43.2	10.5	40.7	9.87	38.3	9.29	37.0	9.01	35.8	8.73	33.3	8.17		

NOTE

1 ■ is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by ■.

3 Capacity tables

3-2 Heating capacity

3-2-10 26HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
130	845	°CDB	°CWB	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW
		-19.8	-20.0	44.0	9.92	43.8	11.2	43.6	12.4	43.5	13.1	43.4	13.7	43.2	14.9	
		-18.8	-19.0	45.5	10.7	45.3	11.9	45.1	13.1	45.0	13.7	45.0	14.4	44.8	15.6	
		-16.7	-17.0	48.6	12.2	48.4	13.3	48.2	14.4	48.1	15.0	48.0	15.6	47.8	16.7	
		-14.7	-15.0	51.7	13.4	51.5	14.5	51.3	15.5	51.2	16.1	51.1	16.6	50.9	17.7	
		-12.6	-13.0	54.7	14.5	54.6	15.5	54.4	16.5	54.3	17.0	54.2	17.5	54.0	18.5	
		-10.5	-11.0	57.8	15.5	57.6	16.5	57.5	17.4	57.4	17.9	57.3	18.4	57.1	19.3	
		-9.5	-10.0	59.4	16.0	59.2	16.9	59.0	17.8	58.9	18.3	58.8	18.7	58.6	19.6	
		-8.5	-9.1	60.8	16.4	60.6	17.3	60.4	18.2	60.3	18.6	60.2	19.1	60.0	19.9	
		-7.0	-7.6	63.1	17.0	62.9	17.8	62.7	18.7	62.6	19.1	62.5	19.6	62.3	20.4	
		-5.0	-5.6	66.1	17.7	66.0	18.5	65.8	19.4	65.7	19.8	65.6	20.2	65.4	21.0	
		-3.0	-3.7	69.1	18.4	68.9	19.1	68.7	19.9	68.6	20.3	68.5	20.7	68.3	21.5	
		0.0	-0.7	73.7	19.3	73.5	20.0	73.3	20.7	73.2	21.1	73.1	21.5	72.9	22.2	
		3.0	2.2	78.2	20.0	78.0	20.7	77.8	21.4	77.7	21.8	77.6	22.1	77.4	22.8	
		5.0	4.1	81.1	20.5	80.9	21.2	80.7	21.8	80.6	22.1	80.5	22.5	80.3	23.1	
		7.0	6.0	84.0	20.9	83.8	21.6	83.6	22.2	83.5	22.5	83.4	22.8	83.3	23.5	
		9.0	7.9	86.9	21.3	86.7	21.9	86.6	22.5	86.5	22.8	86.4	23.2	86.2	23.8	
11.0	9.8	89.9	21.7	89.7	22.3	89.5	22.9	89.4	23.2	89.3	23.5	89.1	24.1			
13.0	11.8	92.9	22.0	92.7	22.6	92.6	23.2	92.5	23.5	92.4	23.8	92.2	24.3			
15.0	13.7	95.9	22.4	95.7	22.9	95.5	23.5	95.4	23.8	95.3	24.0	92.3	23.5			
120	780	-19.8	-20.0	43.7	11.6	43.5	12.8	43.4	13.9	43.3	14.5	43.2	15.1	43.0	16.3	
		-18.8	-19.0	45.3	12.4	45.1	13.5	44.9	14.6	44.8	15.2	44.7	15.7	44.6	16.8	
		-16.7	-17.0	48.3	13.7	48.2	14.7	48.0	15.8	47.9	16.3	47.8	16.8	47.7	17.9	
		-14.7	-15.0	51.4	14.9	51.2	15.8	51.1	16.8	51.0	17.3	50.9	17.8	50.7	18.8	
		-12.6	-13.0	54.5	15.9	54.3	16.8	54.2	17.7	54.1	18.2	54.0	18.6	53.8	19.6	
		-10.5	-11.0	57.6	16.8	57.4	17.7	57.2	18.5	57.1	19.0	57.1	19.4	56.9	20.3	
		-9.5	-10.0	59.1	17.2	58.9	18.1	58.8	18.9	58.7	19.3	58.6	19.7	58.4	20.6	
		-8.5	-9.1	60.5	17.6	60.3	18.4	60.2	19.2	60.1	19.6	60.0	20.0	59.8	20.9	
		-7.0	-7.6	62.8	18.1	62.6	18.9	62.5	19.7	62.4	20.1	62.3	20.5	62.1	21.3	
		-5.0	-5.6	65.9	18.8	65.7	19.6	65.5	20.3	65.5	20.7	65.4	21.1	65.2	21.8	
		-3.0	-3.7	68.8	19.4	68.6	20.1	68.5	20.9	68.4	21.2	68.3	21.6	68.1	22.3	
		0.0	-0.7	73.4	20.3	73.3	20.9	73.1	21.6	73.0	21.9	72.9	22.3	72.7	22.9	
		3.0	2.2	77.9	21.0	77.7	21.6	77.6	22.2	77.5	22.5	77.4	22.9	77.2	23.5	
		5.0	4.1	80.8	21.4	80.7	22.0	80.5	22.6	80.4	22.9	80.3	23.2	80.1	23.8	
		7.0	6.0	83.7	21.8	83.6	22.4	83.4	23.0	83.3	23.2	83.2	23.5	83.1	24.1	
		9.0	7.9	86.7	22.1	86.5	22.7	86.3	23.3	86.2	23.6	86.2	23.8	85.2	24.1	
		11.0	9.8	89.6	22.5	89.4	23.0	89.3	23.6	89.2	23.9	89.1	24.1	85.2	23.1	
13.0	11.8	92.7	22.8	92.5	23.3	92.3	23.9	92.2	24.1	91.5	24.1	85.2	22.2			
15.0	13.7	95.6	23.1	95.4	23.6	95.3	24.1	94.7	24.2	91.5	23.2	85.2	21.4			
110	715	-19.8	-20.0	43.5	13.3	43.3	14.4	43.2	15.4	43.1	16.0	43.0	16.5	42.8	17.6	
		-18.8	-19.0	45.0	14.0	44.9	15.0	44.7	16.0	44.6	16.6	44.5	17.1	44.4	18.1	
		-16.7	-17.0	48.1	15.2	47.9	16.2	47.8	17.1	47.7	17.6	47.6	18.1	47.5	19.0	
		-14.7	-15.0	51.2	16.3	51.0	17.2	50.9	18.1	50.8	18.5	50.7	19.0	50.5	19.9	
		-12.6	-13.0	54.2	17.2	54.1	18.1	53.9	18.9	53.9	19.3	53.8	19.8	53.6	20.6	
		-10.5	-11.0	57.3	18.1	57.2	18.9	57.0	19.7	56.9	20.1	56.9	20.5	56.7	21.2	
		-9.5	-10.0	58.9	18.5	58.7	19.2	58.5	20.0	58.5	20.4	58.4	20.8	58.2	21.5	
		-8.5	-9.1	60.3	18.8	60.1	19.5	59.9	20.3	59.9	20.7	59.8	21.0	59.6	21.8	
		-7.0	-7.6	62.6	19.3	62.4	20.0	62.2	20.7	62.2	21.1	62.1	21.5	61.9	22.2	
		-5.0	-5.6	65.6	19.9	65.5	20.6	65.3	21.3	65.2	21.6	65.2	22.0	65.0	22.7	
		-3.0	-3.7	68.6	20.5	68.4	21.1	68.2	21.8	68.2	22.1	68.1	22.4	67.9	23.1	
		0.0	-0.7	73.2	21.2	73.0	21.9	72.9	22.5	72.8	22.8	72.7	23.1	72.6	23.7	
		3.0	2.2	77.6	21.9	77.5	22.5	77.3	23.0	77.3	23.3	77.2	23.6	77.0	24.2	
		5.0	4.1	80.6	22.3	80.4	22.8	80.3	23.4	80.2	23.7	80.1	23.9	78.1	23.6	
		7.0	6.0	83.5	22.6	83.3	23.2	83.2	23.7	83.1	24.0	83.0	24.2	78.1	22.6	
		9.0	7.9	86.4	23.0	86.3	23.5	86.1	24.0	86.0	24.3	83.9	23.6	78.1	21.7	
		11.0	9.8	89.3	23.3	89.2	23.8	89.0	24.3	86.8	23.6	83.9	22.7	78.1	20.9	
13.0	11.8	92.4	23.6	92.3	24.1	89.7	23.6	86.8	22.7	83.9	21.8	78.1	20.0			
15.0	13.7	95.4	23.9	95.2	24.3	89.7	22.7	86.8	21.8	83.9	21.0	78.1	19.3			
100	650	-19.8	-20.0	43.2	15.0	43.1	16.0	42.9	16.9	42.9	17.4	42.8	17.9	42.6	18.9	
		-18.8	-19.0	44.8	15.6	44.6	16.6	44.5	17.5	44.4	18.0	44.3	18.4	44.2	19.4	
		-16.7	-17.0	47.8	16.7	47.7	17.6	47.5	18.5	47.5	18.9	47.4	19.3	47.3	20.2	
		-14.7	-15.0	50.9	17.7	50.8	18.5	50.6	19.3	50.6	19.7	50.5	20.2	50.3	21.0	
		-12.6	-13.0	54.0	18.6	53.9	19.3	53.7	20.1	53.6	20.5	53.6	20.9	53.4	21.6	
		-10.5	-11.0	57.1	19.3	56.9	20.1	56.8	20.8	56.7	21.1	56.6	21.5	56.5	22.2	
		-9.5	-10.0	58.6	19.7	58.5	20.4	58.3	21.1	58.3	21.4	58.2	21.8	58.0	22.5	
		-8.5	-9.1	60.0	20.0	59.9	20.7	59.7	21.4	59.6	21.7	59.6	22.0	59.4	22.7	
		-7.0	-7.6	62.3	20.5	62.2	21.1	62.0	21.8	61.9	22.1	61.9	22.4	61.7	23.1	
		-5.0	-5.6	65.4	21.0	65.2	21.7	65.1	22.3	65.0	22.6	65.0	22.9	64.8	23.5	
		-3.0	-3.7	68.3	21.5	68.2	22.1	68.0	22.7	68.0	23.0	67.9	23.3	67.7	23.9	
		0.0	-0.7	72.9	22.2	72.8	22.8	72.6	23.3	72.6	23.6	72.5	23.9	71.0	23.8	
		3.0	2.2	77.4	22.8	77.3	23.3	77.1	23.9	77.0	24.1	76.3	24.0	71.0	22.1	
		5.0	4.1	80.3	23.2	80.2	23.7	80.0	24.2	78.9	23.9	76.3	23.0	71.0	21.1	
		7.0	6.0	83.2	23.5	83.1	24.0	81.5	23.8	78.9	22.9	76.3	22.0	71.0	20.3	
		9.0	7.9	86.2	23.8	86.0	24.3	81.5	22.8	78.9	22.0	76.3	21.1	71.0	19.4	
		11.0	9.8	89.1	24.1	86.7	23.6	81.5	21.9	78.9	21.1	76.3	20.3	71.0	18.7	
13.0	11.8	92.0	24.3	86.7	22.6	81.5	21.0	78.9	20.3	76.3	19.5	71.0	18.0			
15.0	13.7	92.0	23.4	86.7	21.8	81.5	20.3	78.9	19.5	76.3	18.8	71.0	17.4			

3 Capacity tables

3-2 Heating capacity

3-2-10 26HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
90	585	°CDB	°CWB													
		-19.8	-20.0	43.0	16.7	42.8	17.6	42.7	18.4	42.6	18.9	42.6	19.3	42.4	20.2	
		-18.8	-19.0	44.5	17.3	44.4	18.1	44.2	18.9	44.2	19.4	44.1	19.8	44.0	20.6	
		-16.7	-17.0	47.6	18.3	47.5	19.0	47.3	19.8	47.3	20.2	47.2	20.6	47.1	21.4	
		-14.7	-15.0	50.7	19.1	50.5	19.9	50.4	20.6	50.3	21.0	50.3	21.3	50.1	22.1	
		-12.6	-13.0	53.7	19.9	53.6	20.6	53.5	21.3	53.4	21.6	53.4	22.0	53.2	22.7	
		-10.5	-11.0	56.8	20.6	56.7	21.3	56.6	21.9	56.5	22.2	56.4	22.6	56.3	23.2	
		-9.5	-10.0	58.4	20.9	58.2	21.6	58.1	22.2	58.0	22.5	58.0	22.8	57.8	23.4	
		-8.5	-9.1	59.7	21.2	59.6	21.8	59.5	22.4	59.4	22.7	59.4	23.0	59.2	23.7	
		-7.0	-7.6	62.1	21.6	61.9	22.2	61.8	22.8	61.7	23.1	61.7	23.4	61.5	24.0	
		-5.0	-5.6	65.1	22.1	65.0	22.7	64.9	23.3	64.8	23.5	64.7	23.8	63.9	24.0	
		-3.0	-3.7	68.1	22.6	67.9	23.1	67.8	23.7	67.7	23.9	67.7	24.2	63.9	22.7	
		0.0	-0.7	72.7	23.2	72.5	23.7	72.4	24.2	71.0	23.7	68.6	22.8	63.9	21.0	
		3.0	2.2	77.1	23.7	77.0	24.2	73.4	23.0	71.0	22.1	68.6	21.2	63.9	19.6	
		5.0	4.1	80.1	24.1	78.1	23.6	73.4	21.9	71.0	21.1	68.6	20.3	63.9	18.7	
		7.0	6.0	82.8	24.3	78.1	22.6	73.4	21.0	71.0	20.2	68.6	19.5	63.9	18.0	
		9.0	7.9	82.8	23.2	78.1	21.7	73.4	20.2	71.0	19.4	68.6	18.7	63.9	17.3	
		11.0	9.8	82.8	22.3	78.1	20.8	73.4	19.4	71.0	18.7	68.6	18.0	63.9	16.6	
13.0	11.8	82.8	21.4	78.1	20.0	73.4	18.7	71.0	18.0	68.6	17.3	63.9	16.0			
15.0	13.7	82.8	20.7	78.1	19.3	73.4	18.0	71.0	17.3	68.6	16.7	63.9	15.5			
80	520	-19.8	-20.0	42.7	18.4	42.6	19.2	42.5	19.9	42.4	20.3	42.4	20.7	42.3	21.5	
		-18.8	-19.0	44.3	18.9	44.1	19.6	44.0	20.4	44.0	20.8	43.9	21.1	43.8	21.9	
		-16.7	-17.0	47.3	19.8	47.2	20.5	47.1	21.2	47.0	21.5	47.0	21.9	46.9	22.6	
		-14.7	-15.0	50.4	20.6	50.3	21.2	50.2	21.9	50.1	22.2	50.1	22.5	50.0	23.2	
		-12.6	-13.0	53.5	21.3	53.4	21.9	53.3	22.5	53.2	22.8	53.1	23.1	53.0	23.7	
		-10.5	-11.0	56.6	21.9	56.5	22.4	56.3	23.0	56.3	23.3	56.2	23.6	56.1	24.2	
		-9.5	-10.0	58.1	22.2	58.0	22.7	57.9	23.3	57.8	23.6	57.8	23.8	56.8	23.9	
		-8.5	-9.1	59.5	22.4	59.4	22.9	59.3	23.5	59.2	23.8	59.2	24.0	56.8	23.2	
		-7.0	-7.6	61.8	22.8	61.7	23.3	61.6	23.8	61.5	24.1	61.0	24.1	56.8	22.1	
		-5.0	-5.6	64.9	23.2	64.8	23.7	64.7	24.2	63.1	23.6	61.0	22.7	56.8	20.9	
		-3.0	-3.7	67.8	23.6	67.7	24.1	65.2	23.3	63.1	22.4	61.0	21.5	56.8	19.8	
		0.0	-0.7	72.4	24.2	69.4	23.1	65.2	21.5	63.1	20.7	61.0	19.9	56.8	18.3	
		3.0	2.2	73.6	23.0	69.4	21.5	65.2	20.0	63.1	19.3	61.0	18.5	56.8	17.1	
		5.0	4.1	73.6	22.0	69.4	20.6	65.2	19.1	63.1	18.5	61.0	17.8	56.8	16.4	
		7.0	6.0	73.6	21.1	69.4	19.7	65.2	18.4	63.1	17.7	61.0	17.1	56.8	15.8	
		9.0	7.9	73.6	20.3	69.4	18.9	65.2	17.7	63.1	17.0	61.0	16.4	56.8	15.2	
		11.0	9.8	73.6	19.5	69.4	18.2	65.2	17.0	63.1	16.4	61.0	15.8	56.8	14.6	
		13.0	11.8	73.6	18.7	69.4	17.5	65.2	16.4	63.1	15.8	61.0	15.2	56.8	14.1	
15.0	13.7	73.6	18.1	69.4	16.9	65.2	15.8	63.1	15.2	61.0	14.7	56.8	13.6			
70	455	-19.8	-20.0	42.5	20.1	42.4	20.8	42.3	21.4	42.2	21.8	42.2	22.1	42.1	22.8	
		-18.8	-19.0	44.0	20.5	43.9	21.2	43.8	21.8	43.8	22.2	43.7	22.5	43.6	23.1	
		-16.7	-17.0	47.1	21.3	47.0	21.9	46.9	22.5	46.8	22.8	46.8	23.1	46.7	23.7	
		-14.7	-15.0	50.2	22.0	50.1	22.6	50.0	23.1	49.9	23.4	49.9	23.7	49.7	24.2	
		-12.6	-13.0	53.2	22.6	53.1	23.1	53.0	23.7	53.0	23.9	52.9	24.2	49.7	22.5	
		-10.5	-11.0	56.3	23.1	56.2	23.6	56.1	24.1	55.2	23.8	53.4	22.9	49.7	21.1	
		-9.5	-10.0	57.9	23.4	57.8	23.9	57.1	24.0	55.2	23.1	53.4	22.2	49.7	20.4	
		-8.5	-9.1	59.2	23.6	59.1	24.1	57.1	23.3	55.2	22.4	53.4	21.5	49.7	19.8	
		-7.0	-7.6	61.6	23.9	60.7	23.9	57.1	22.2	55.2	21.4	53.4	20.6	49.7	19.0	
		-5.0	-5.6	64.4	24.2	60.7	22.6	57.1	21.0	55.2	20.2	53.4	19.4	49.7	17.9	
		-3.0	-3.7	64.4	22.9	60.7	21.4	57.1	19.9	55.2	19.2	53.4	18.4	49.7	17.0	
		0.0	-0.7	64.4	21.2	60.7	19.8	57.1	18.4	55.2	17.8	53.4	17.1	49.7	15.8	
		3.0	2.2	64.4	19.7	60.7	18.4	57.1	17.2	55.2	16.6	53.4	16.0	49.7	14.8	
		5.0	4.1	64.4	18.9	60.7	17.7	57.1	16.5	55.2	15.9	53.4	15.3	49.7	14.2	
		7.0	6.0	64.4	18.1	60.7	17.0	57.1	15.8	55.2	15.3	53.4	14.7	49.7	13.7	
		9.0	7.9	64.4	17.4	60.7	16.3	57.1	15.2	55.2	14.7	53.4	14.2	49.7	13.2	
		11.0	9.8	64.4	16.8	60.7	15.7	57.1	14.7	55.2	14.2	53.4	13.7	49.7	12.7	
		13.0	11.8	64.4	16.1	60.7	15.1	57.1	14.2	55.2	13.7	53.4	13.2	49.7	12.3	
15.0	13.7	64.4	15.6	60.7	14.6	57.1	13.7	55.2	13.2	53.4	12.8	49.7	11.9			
60	390	-19.8	-20.0	42.2	21.8	42.1	22.4	42.0	23.0	42.0	23.2	42.0	23.5	41.9	24.1	
		-18.8	-19.0	43.7	22.2	43.7	22.7	43.6	23.3	43.5	23.6	43.5	23.8	42.6	23.7	
		-16.7	-17.0	46.8	22.8	46.7	23.4	46.7	23.9	46.6	24.1	45.8	23.7	42.6	21.8	
		-14.7	-15.0	49.9	23.4	49.8	23.9	48.9	23.8	47.3	22.9	45.8	22.0	42.6	20.2	
		-12.6	-13.0	53.0	23.9	52.0	23.8	48.9	22.1	47.3	21.3	45.8	20.4	42.6	18.8	
		-10.5	-11.0	55.2	23.8	52.0	22.2	48.9	20.7	47.3	19.9	45.8	19.1	42.6	17.7	
		-9.5	-10.0	55.2	23.0	52.0	21.5	48.9	20.0	47.3	19.3	45.8	18.5	42.6	17.1	
		-8.5	-9.1	55.2	22.4	52.0	20.9	48.9	19.4	47.3	18.7	45.8	18.0	42.6	16.7	
		-7.0	-7.6	55.2	21.4	52.0	20.0	48.9	18.6	47.3	17.9	45.8	17.3	42.6	16.0	
		-5.0	-5.6	55.2	20.2	52.0	18.9	48.9	17.6	47.3	17.0	45.8	16.3	42.6	15.1	
		-3.0	-3.7	55.2	19.1	52.0	17.9	48.9	16.7	47.3	16.1	45.8	15.5	42.6	14.4	
		0.0	-0.7	55.2	17.7	52.0	16.6	48.9	15.5	47.3	15.0	45.8	14.5	42.6	13.4	
		3.0	2.2	55.2	16.6	52.0	15.5	48.9	14.5	47.3	14.0	45.8	13.6	42.6	12.6	
		5.0	4.1	55.2	15.9	52.0	14.9	48.9	14.0	47.3	13.5	45.8	13.0	42.6	12.1	
		7.0	6.0	55.2	15.3	52.0	14.3	48.9	13.4	47.3	13.0	45.8	12.5	42.6	11.7	
		9.0	7.9	55.2	14.7	52.0	13.8	48.9	12.9	47.3	12.5	45.8	12.1	42.6	11.3	
		11.0	9.8	55.2	14.2	52.0	13.3	48.9	12.5	47.3	12.1	45.8	11.7	42.6	10.9	
		13.0	11.8	55.2	13.7	52.0	12.9	48.9	12.1	47.3	11.7	45.8	11.3	42.6	10.5	
15.0	13.7	55.2	13.2	52.0	12.4	48.9	11.7	47.3	11.3	45.8	10.9	42.6	10.2			

3 Capacity tables

3-2 Heating capacity

3-2-10 26HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	325	°CDB	°CWB												
		-19.8	-20.0	42.0	23.5	41.9	24.0	40.8	23.5	39.4	22.6	38.1	21.7	35.5	20.0
		-18.8	-19.0	43.5	23.8	43.4	24.2	40.8	22.5	39.4	21.6	38.1	20.8	35.5	19.2
		-16.7	-17.0	46.0	23.9	43.4	22.3	40.8	20.7	39.4	19.9	38.1	19.2	35.5	17.7
		-14.7	-15.0	46.0	22.1	43.4	20.6	40.8	19.2	39.4	18.5	38.1	17.8	35.5	16.5
		-12.6	-13.0	46.0	20.6	43.4	19.2	40.8	17.9	39.4	17.3	38.1	16.6	35.5	15.4
		-10.5	-11.0	46.0	19.2	43.4	18.0	40.8	16.8	39.4	16.2	38.1	15.6	35.5	14.5
		-9.5	-10.0	46.0	18.6	43.4	17.5	40.8	16.3	39.4	15.7	38.1	15.2	35.5	14.0
		-8.5	-9.1	46.0	18.1	43.4	17.0	40.8	15.9	39.4	15.3	38.1	14.8	35.5	13.7
		-7.0	-7.6	46.0	17.4	43.4	16.3	40.8	15.2	39.4	14.7	38.1	14.2	35.5	13.1
		-5.0	-5.6	46.0	16.4	43.4	15.4	40.8	14.4	39.4	13.9	38.1	13.4	35.5	12.5
		-3.0	-3.7	46.0	15.6	43.4	14.7	40.8	13.7	39.4	13.3	38.1	12.8	35.5	11.9
		0.0	-0.7	46.0	14.5	43.4	13.7	40.8	12.8	39.4	12.4	38.1	12.0	35.5	11.1
		3.0	2.2	46.0	13.6	43.4	12.8	40.8	12.0	39.4	11.6	38.1	11.2	35.5	10.5
		5.0	4.1	46.0	13.1	43.4	12.3	40.8	11.6	39.4	11.2	38.1	10.8	35.5	10.1
		7.0	6.0	46.0	12.6	43.4	11.9	40.8	11.2	39.4	10.8	38.1	10.4	35.5	9.76
		9.0	7.9	46.0	12.2	43.4	11.5	40.8	10.8	39.4	10.4	38.1	10.1	35.5	9.44
		11.0	9.8	46.0	11.7	43.4	11.1	40.8	10.4	39.4	10.1	38.1	9.77	35.5	9.14
		13.0	11.8	46.0	11.3	43.4	10.7	40.8	10.1	39.4	9.76	38.1	9.46	35.5	8.85
		15.0	13.7	46.0	11.0	43.4	10.4	40.8	9.77	39.4	9.47	38.1	9.18	35.5	8.59

NOTE

- 1 [] is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by [].

3 Capacity tables

3-2 Heating capacity

3-2-11 28HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
130	910	°CDB	°CWB													
		-19.8	-20.0	46.4	9.84	46.2	11.2	46.0	12.5	45.9	13.2	45.8	13.8	45.6	15.2	
		-18.8	-19.0	48.0	10.7	47.8	12.0	47.6	13.3	47.5	13.9	47.4	14.6	47.2	15.8	
		-16.7	-17.0	51.3	12.2	51.1	13.4	50.9	14.6	50.8	15.2	50.7	15.8	50.5	17.0	
		-14.7	-15.0	54.5	13.6	54.3	14.7	54.1	15.8	54.0	16.4	53.9	16.9	53.7	18.1	
		-12.6	-13.0	57.8	14.8	57.6	15.8	57.4	16.9	57.3	17.4	57.2	17.9	57.0	19.0	
		-10.5	-11.0	61.0	15.8	60.8	16.8	60.6	17.8	60.5	18.3	60.4	18.8	60.2	19.8	
		-9.5	-10.0	62.7	16.3	62.5	17.3	62.3	18.2	62.2	18.7	62.1	19.2	61.8	20.2	
		-8.5	-9.1	64.1	16.7	63.9	17.7	63.7	18.6	63.6	19.1	63.5	19.5	63.3	20.5	
		-7.0	-7.6	66.5	17.3	66.3	18.3	66.1	19.2	66.0	19.6	65.9	20.1	65.7	21.0	
		-5.0	-5.6	69.8	18.1	69.6	19.0	69.4	19.9	69.3	20.3	69.2	20.7	69.0	21.6	
		-3.0	-3.7	72.9	18.8	72.7	19.6	72.5	20.5	72.4	20.9	72.3	21.3	72.1	22.1	
		0.0	-0.7	77.7	19.8	77.5	20.6	77.3	21.3	77.2	21.7	77.1	22.1	76.9	22.9	
		3.0	2.2	82.5	20.6	82.3	21.3	82.1	22.0	82.0	22.4	81.9	22.8	81.7	23.5	
		5.0	4.1	85.5	21.1	85.3	21.8	85.1	22.5	85.0	22.8	84.9	23.2	84.7	23.9	
		7.0	6.0	88.6	21.5	88.4	22.2	88.2	22.9	88.1	23.2	88.0	23.6	87.8	24.2	
		9.0	7.9	91.7	22.0	91.5	22.6	91.3	23.3	91.2	23.6	91.1	23.9	90.9	24.6	
11.0	9.8	94.8	22.3	94.6	23.0	94.4	23.6	94.3	23.9	94.2	24.2	94.0	24.9			
13.0	11.8	98.0	22.7	97.8	23.3	97.6	23.9	97.5	24.2	97.4	24.6	97.2	25.2			
15.0	13.7	101	23.1	101	23.7	101	24.2	101	24.5	101	24.8	99.1	25.0			
120	840	-19.8	-20.0	46.1	11.6	46.0	12.9	45.8	14.1	45.7	14.7	45.6	15.3	45.4	16.6	
		-18.8	-19.0	47.8	12.4	47.6	13.6	47.4	14.8	47.3	15.4	47.2	16.0	47.0	17.2	
		-16.7	-17.0	51.0	13.9	50.8	15.0	50.6	16.1	50.6	16.6	50.5	17.2	50.3	18.3	
		-14.7	-15.0	54.3	15.1	54.1	16.1	53.9	17.2	53.8	17.7	53.7	18.2	53.5	19.2	
		-12.6	-13.0	57.5	16.2	57.3	17.2	57.1	18.1	57.0	18.6	57.0	19.1	56.8	20.1	
		-10.5	-11.0	60.8	17.2	60.6	18.1	60.4	19.0	60.3	19.5	60.2	19.9	60.0	20.8	
		-9.5	-10.0	62.4	17.6	62.2	18.5	62.0	19.4	61.9	19.8	61.8	20.3	61.6	21.2	
		-8.5	-9.1	63.8	18.0	63.7	18.9	63.5	19.7	63.4	20.2	63.3	20.6	63.1	21.5	
		-7.0	-7.6	66.3	18.6	66.1	19.4	65.9	20.3	65.8	20.7	65.7	21.1	65.5	21.9	
		-5.0	-5.6	69.5	19.3	69.3	20.1	69.2	20.9	69.1	21.3	69.0	21.7	68.8	22.5	
		-3.0	-3.7	72.6	19.9	72.4	20.7	72.2	21.5	72.1	21.8	72.1	22.2	71.9	23.0	
		0.0	-0.7	77.5	20.8	77.3	21.5	77.1	22.2	77.0	22.6	76.9	23.0	76.7	23.7	
		3.0	2.2	82.2	21.6	82.0	22.2	81.8	22.9	81.7	23.3	81.6	23.6	81.4	24.3	
		5.0	4.1	85.3	22.0	85.1	22.7	84.9	23.3	84.8	23.6	84.7	24.0	84.5	24.6	
		7.0	6.0	88.3	22.4	88.2	23.1	88.0	23.7	87.9	24.0	87.8	24.3	87.6	24.9	
		9.0	7.9	91.4	22.8	91.2	23.4	91.1	24.0	91.0	24.3	90.9	24.6	90.7	25.2	
		11.0	9.8	94.5	23.2	94.3	23.8	94.1	24.4	94.1	24.6	94.0	24.9	91.5	24.6	
13.0	11.8	97.8	23.5	97.6	24.1	97.4	24.7	97.3	25.0	97.2	25.2	91.5	23.6			
15.0	13.7	101	23.9	101	24.4	100	25.0	100	25.2	98.3	24.7	91.5	22.7			
110	770	-19.8	-20.0	45.9	13.4	45.7	14.6	45.5	15.7	45.5	16.3	45.4	16.8	45.2	18.0	
		-18.8	-19.0	47.5	14.2	47.3	15.3	47.2	16.3	47.1	16.9	47.0	17.4	46.8	18.5	
		-16.7	-17.0	50.7	15.5	50.6	16.5	50.4	17.5	50.3	18.0	50.2	18.5	50.1	19.5	
		-14.7	-15.0	54.0	16.6	53.8	17.6	53.7	18.5	53.6	19.0	53.5	19.5	53.3	20.4	
		-12.6	-13.0	57.2	17.6	57.1	18.5	56.9	19.4	56.8	19.8	56.7	20.3	56.6	21.2	
		-10.5	-11.0	60.5	18.5	60.3	19.3	60.1	20.2	60.1	20.6	60.0	21.0	59.8	21.9	
		-9.5	-10.0	62.1	18.9	61.9	19.7	61.8	20.6	61.7	21.0	61.6	21.4	61.4	22.2	
		-8.5	-9.1	63.6	19.3	63.4	20.1	63.2	20.9	63.1	21.3	63.1	21.7	62.9	22.5	
		-7.0	-7.6	66.0	19.8	65.8	20.6	65.7	21.3	65.6	21.7	65.5	22.1	65.3	22.9	
		-5.0	-5.6	69.3	20.5	69.1	21.2	68.9	21.9	68.8	22.3	68.7	22.7	68.6	23.4	
		-3.0	-3.7	72.3	21.1	72.2	21.8	72.0	22.5	71.9	22.8	71.8	23.2	71.7	23.9	
		0.0	-0.7	77.2	21.9	77.0	22.5	76.9	23.2	76.8	23.5	76.7	23.8	76.5	24.5	
		3.0	2.2	81.9	22.6	81.7	23.2	81.6	23.8	81.5	24.1	81.4	24.4	81.2	25.0	
		5.0	4.1	85.0	23.0	84.8	23.6	84.7	24.2	84.6	24.5	84.5	24.7	83.9	25.1	
		7.0	6.0	88.1	23.4	87.9	23.9	87.7	24.5	87.7	24.8	87.6	25.1	83.9	24.1	
		9.0	7.9	91.2	23.7	91.0	24.3	90.8	24.8	90.7	25.1	90.1	25.1	83.9	23.1	
		11.0	9.8	94.2	24.0	94.1	24.6	93.9	25.1	93.2	25.1	90.1	24.1	83.9	22.2	
13.0	11.8	97.5	24.4	97.3	24.9	96.3	25.0	93.2	24.1	90.1	23.1	83.9	21.3			
15.0	13.7	101	24.7	100	25.2	96.3	24.1	93.2	23.2	90.1	22.3	83.9	20.5			
100	700	-19.8	-20.0	45.6	15.2	45.5	16.3	45.3	17.3	45.2	17.8	45.1	18.3	45.0	19.4	
		-18.8	-19.0	47.2	15.9	47.1	16.9	46.9	17.9	46.8	18.4	46.8	18.9	46.6	19.9	
		-16.7	-17.0	50.5	17.1	50.3	18.0	50.2	18.9	50.1	19.4	50.0	19.9	49.9	20.8	
		-14.7	-15.0	53.7	18.1	53.6	19.0	53.4	19.9	53.3	20.3	53.3	20.7	53.1	21.6	
		-12.6	-13.0	57.0	19.0	56.8	19.9	56.7	20.7	56.6	21.1	56.5	21.5	56.4	22.3	
		-10.5	-11.0	60.2	19.8	60.1	20.6	59.9	21.4	59.8	21.8	59.8	22.2	59.6	22.9	
		-9.5	-10.0	61.8	20.2	61.7	21.0	61.5	21.7	61.5	22.1	61.4	22.5	61.2	23.2	
		-8.5	-9.1	63.3	20.5	63.1	21.3	63.0	22.0	62.9	22.4	62.8	22.7	62.7	23.5	
		-7.0	-7.6	65.7	21.0	65.6	21.7	65.4	22.4	65.3	22.8	65.3	23.1	65.1	23.8	
		-5.0	-5.6	69.0	21.6	68.8	22.3	68.7	23.0	68.6	23.3	68.5	23.6	68.4	24.3	
		-3.0	-3.7	72.1	22.2	71.9	22.8	71.8	23.4	71.7	23.8	71.6	24.1	71.4	24.7	
		0.0	-0.7	76.9	22.9	76.8	23.5	76.6	24.1	76.5	24.4	76.5	24.7	76.3	25.3	
		3.0	2.2	81.6	23.5	81.5	24.1	81.3	24.7	81.3	24.9	81.2	25.2	76.3	23.5	
		5.0	4.1	84.7	23.9	84.6	24.5	84.4	25.0	84.3	25.3	81.9	24.4	76.3	22.5	
		7.0	6.0	87.8	24.3	87.7	24.8	87.5	25.3	87.4	24.3	81.9	23.4	76.3	21.5	
		9.0	7.9	90.9	24.6	90.7	25.1	87.5	24.3	84.7	23.3	81.9	22.4	76.3	20.7	
		11.0	9.8	94.0	24.9	93.1	25.1	87.5	23.3	84.7	22.4	81.9	21.6	76.3	19.9	
13.0	11.8	97.2	25.2	93.1	24.1	87.5	22.4	84.7	21.5	81.9	20.7	76.3	19.1			
15.0	13.7	98.7	24.8	93.1	23.2	87.5	21.6	84.7	20.8	81.9	20.0	76.3	18.4			

3 Capacity tables

3-2 Heating capacity

3-2-11 28HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB												
90	630	-19.8	-20.0	45.3	17.1	45.2	18.0	45.1	18.9	45.0	19.4	44.9	19.8	44.8	20.7
		-18.8	-19.0	47.0	17.6	46.8	18.5	46.7	19.4	46.6	19.9	46.5	20.3	46.4	21.2
		-16.7	-17.0	50.2	18.7	50.1	19.5	49.9	20.4	49.9	20.8	49.8	21.2	49.7	22.0
		-14.7	-15.0	53.5	19.6	53.3	20.4	53.2	21.2	53.1	21.6	53.0	22.0	52.9	22.8
		-12.6	-13.0	56.7	20.5	56.6	21.2	56.4	21.9	56.4	22.3	56.3	22.7	56.1	23.4
		-10.5	-11.0	59.9	21.2	59.8	21.9	59.7	22.6	59.6	22.9	59.5	23.3	59.4	24.0
		-9.5	-10.0	61.6	21.5	61.4	22.2	61.3	22.9	61.2	23.2	61.2	23.5	61.0	24.2
		-8.5	-9.1	63.0	21.8	62.9	22.5	62.8	23.1	62.7	23.5	62.6	23.8	62.5	24.4
		-7.0	-7.6	65.5	22.3	65.3	22.9	65.2	23.5	65.1	23.8	65.0	24.2	64.9	24.8
		-5.0	-5.6	68.7	22.8	68.6	23.4	68.4	24.0	68.4	24.3	68.3	24.6	68.2	25.2
		-3.0	-3.7	71.8	23.3	71.7	23.9	71.5	24.4	71.4	24.7	71.4	25.0	68.6	24.1
		0.0	-0.7	76.7	24.0	76.5	24.5	76.4	25.0	76.2	25.2	73.7	24.3	68.6	22.3
		3.0	2.2	81.4	24.5	81.2	25.0	78.8	24.4	76.2	23.5	73.7	22.6	68.6	20.8
		5.0	4.1	84.5	24.9	83.8	25.1	78.8	23.3	76.2	22.5	73.7	21.6	68.6	19.9
		7.0	6.0	87.5	25.2	83.8	24.0	78.8	22.3	76.2	21.5	73.7	20.7	68.6	19.1
		9.0	7.9	88.9	24.7	83.8	23.1	78.8	21.4	76.2	20.7	73.7	19.9	68.6	18.4
		11.0	9.8	88.9	23.7	83.8	22.2	78.8	20.6	76.2	19.9	73.7	19.1	68.6	17.7
13.0	11.8	88.9	22.8	83.8	21.3	78.8	19.8	76.2	19.1	73.7	18.4	68.6	17.0		
15.0	13.7	88.9	22.0	83.8	20.5	78.8	19.1	76.2	18.4	73.7	17.8	68.6	16.4		
80	560	-19.8	-20.0	45.1	18.9	44.9	19.7	44.8	20.5	44.8	20.9	44.7	21.3	44.6	22.1
		-18.8	-19.0	46.7	19.4	46.6	20.2	46.4	21.0	46.4	21.4	46.3	21.8	46.2	22.5
		-16.7	-17.0	49.9	20.3	49.8	21.1	49.7	21.8	49.6	22.2	49.6	22.5	49.4	23.3
		-14.7	-15.0	53.2	21.2	53.1	21.9	52.9	22.5	52.9	22.9	52.8	23.2	52.7	23.9
		-12.6	-13.0	56.4	21.9	56.3	22.5	56.2	23.2	56.1	23.5	56.1	23.8	55.9	24.5
		-10.5	-11.0	59.7	22.5	59.6	23.2	59.4	23.8	59.4	24.1	59.3	24.4	59.2	25.0
		-9.5	-10.0	61.3	22.8	61.2	23.4	61.1	24.0	61.0	24.3	60.9	24.6	60.8	25.2
		-8.5	-9.1	62.8	23.1	62.6	23.7	62.5	24.3	62.5	24.6	62.4	24.8	61.0	24.6
		-7.0	-7.6	65.2	23.5	65.1	24.1	64.9	24.6	64.9	24.9	64.8	25.2	61.0	23.5
		-5.0	-5.6	68.4	24.0	68.3	24.5	68.2	25.0	67.8	25.1	65.5	24.1	61.0	22.2
		-3.0	-3.7	71.5	24.4	71.4	24.9	70.0	24.7	67.8	23.8	65.5	22.9	61.0	21.0
		0.0	-0.7	76.4	25.0	74.5	24.6	70.0	22.8	67.8	22.0	65.5	21.1	61.0	19.5
		3.0	2.2	79.0	24.5	74.5	22.9	70.0	21.3	67.8	20.5	65.5	19.7	61.0	18.2
		5.0	4.1	79.0	23.4	74.5	21.9	70.0	20.4	67.8	19.6	65.5	18.9	61.0	17.4
		7.0	6.0	79.0	22.4	74.5	21.0	70.0	19.5	67.8	18.8	65.5	18.1	61.0	16.8
		9.0	7.9	79.0	21.5	74.5	20.1	70.0	18.8	67.8	18.1	65.5	17.4	61.0	16.1
		11.0	9.8	79.0	20.7	74.5	19.4	70.0	18.1	67.8	17.4	65.5	16.8	61.0	15.5
13.0	11.8	79.0	19.9	74.5	18.6	70.0	17.4	67.8	16.8	65.5	16.2	61.0	15.0		
15.0	13.7	79.0	19.2	74.5	18.0	70.0	16.8	67.8	16.2	65.5	15.6	61.0	14.5		
70	490	-19.8	-20.0	44.8	20.7	44.7	21.4	44.6	22.1	44.5	22.5	44.5	22.8	44.4	23.5
		-18.8	-19.0	46.4	21.1	46.3	21.8	46.2	22.5	46.2	22.9	46.1	23.2	46.0	23.9
		-16.7	-17.0	49.7	22.0	49.6	22.6	49.5	23.2	49.4	23.6	49.3	23.9	49.2	24.5
		-14.7	-15.0	52.9	22.7	52.8	23.3	52.7	23.9	52.6	24.2	52.6	24.5	52.5	25.1
		-12.6	-13.0	56.2	23.3	56.1	23.9	55.9	24.5	55.9	24.7	55.8	25.0	53.4	24.0
		-10.5	-11.0	59.4	23.9	59.3	24.4	59.2	25.0	59.1	25.2	57.3	24.3	53.4	22.4
		-9.5	-10.0	61.0	24.2	60.9	24.7	60.8	25.2	59.3	24.5	57.3	23.5	53.4	21.7
		-8.5	-9.1	62.5	24.4	62.4	24.9	61.3	24.8	59.3	23.8	57.3	22.9	53.4	21.1
		-7.0	-7.6	64.9	24.7	64.8	25.2	61.3	23.6	59.3	22.7	57.3	21.9	53.4	20.1
		-5.0	-5.6	68.2	25.2	65.2	24.0	61.3	22.3	59.3	21.5	57.3	20.6	53.4	19.0
		-3.0	-3.7	69.1	24.4	65.2	22.7	61.3	21.1	59.3	20.4	57.3	19.6	53.4	18.1
		0.0	-0.7	69.1	22.5	65.2	21.0	61.3	19.6	59.3	18.9	57.3	18.2	53.4	16.8
		3.0	2.2	69.1	21.0	65.2	19.6	61.3	18.3	59.3	17.6	57.3	17.0	53.4	15.7
		5.0	4.1	69.1	20.1	65.2	18.8	61.3	17.5	59.3	16.9	57.3	16.3	53.4	15.1
		7.0	6.0	69.1	19.2	65.2	18.0	61.3	16.8	59.3	16.2	57.3	15.7	53.4	14.5
		9.0	7.9	69.1	18.5	65.2	17.3	61.3	16.2	59.3	15.6	57.3	15.1	53.4	14.0
		11.0	9.8	69.1	17.8	65.2	16.7	61.3	15.6	59.3	15.1	57.3	14.6	53.4	13.5
13.0	11.8	69.1	17.1	65.2	16.1	61.3	15.0	59.3	14.5	57.3	14.0	53.4	13.0		
15.0	13.7	69.1	16.6	65.2	15.5	61.3	14.6	59.3	14.1	57.3	13.6	53.4	12.6		
60	420	-19.8	-20.0	44.5	22.5	44.4	23.1	44.3	23.7	44.3	24.0	44.3	24.3	44.2	24.9
		-18.8	-19.0	46.2	22.9	46.1	23.5	46.0	24.0	45.9	24.3	45.9	24.6	45.8	25.2
		-16.7	-17.0	49.4	23.6	49.3	24.1	49.2	24.7	49.2	25.0	49.1	25.2	45.8	23.2
		-14.7	-15.0	52.6	24.2	52.6	24.7	52.5	25.2	50.8	24.3	49.1	23.4	45.8	21.5
		-12.6	-13.0	55.9	24.7	55.8	25.2	52.5	23.5	50.8	22.6	49.1	21.7	45.8	20.0
		-10.5	-11.0	59.1	25.2	55.9	23.6	52.5	22.0	50.8	21.1	49.1	20.3	45.8	18.8
		-9.5	-10.0	59.2	24.5	55.9	22.9	52.5	21.3	50.8	20.5	49.1	19.7	45.8	18.2
		-8.5	-9.1	59.2	23.8	55.9	22.2	52.5	20.7	50.8	19.9	49.1	19.2	45.8	17.7
		-7.0	-7.6	59.2	22.7	55.9	21.2	52.5	19.8	50.8	19.1	49.1	18.3	45.8	17.0
		-5.0	-5.6	59.2	21.4	55.9	20.0	52.5	18.7	50.8	18.0	49.1	17.4	45.8	16.1
		-3.0	-3.7	59.2	20.4	55.9	19.0	52.5	17.8	50.8	17.1	49.1	16.5	45.8	15.3
		0.0	-0.7	59.2	18.9	55.9	17.7	52.5	16.5	50.8	15.9	49.1	15.4	45.8	14.3
		3.0	2.2	59.2	17.6	55.9	16.5	52.5	15.5	50.8	14.9	49.1	14.4	45.8	13.4
		5.0	4.1	59.2	16.9	55.9	15.9	52.5	14.8	50.8	14.3	49.1	13.8	45.8	12.9
		7.0	6.0	59.2	16.2	55.9	15.2	52.5	14.3	50.8	13.8	49.1	13.3	45.8	12.4
		9.0	7.9	59.2	15.6	55.9	14.7	52.5	13.8	50.8	13.3	49.1	12.9	45.8	12.0
		11.0	9.8	59.2	15.1	55.9	14.2	52.5	13.3	50.8	12.9	49.1	12.4	45.8	11.6
13.0	11.8	59.2	14.5	55.9	13.7	52.5	12.8	50.8	12.4	49.1	12.0	45.8	11.2		
15.0	13.7	59.2	14.1	55.9	13.2	52.5	12.4	50.8	12.0	49.1	11.6	45.8	10.8		

3 Capacity tables

3-2 Heating capacity

3-2-11 28HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	350	-19.8	-20.0	44.3	24.3	44.2	24.8	43.8	25.0	42.3	24.0	40.9	23.1	38.1	21.3
		-18.8	-19.0	45.9	24.6	45.8	25.1	43.8	23.9	42.3	23.0	40.9	22.1	38.1	20.4
		-16.7	-17.0	49.1	25.2	46.6	23.7	43.8	22.0	42.3	21.2	40.9	20.4	38.1	18.8
		-14.7	-15.0	49.4	23.5	46.6	21.9	43.8	20.4	42.3	19.7	40.9	18.9	38.1	17.5
		-12.6	-13.0	49.4	21.9	46.6	20.4	43.8	19.0	42.3	18.4	40.9	17.7	38.1	16.4
		-10.5	-11.0	49.4	20.5	46.6	19.1	43.8	17.9	42.3	17.2	40.9	16.6	38.1	15.4
		-9.5	-10.0	49.4	19.8	46.6	18.6	43.8	17.3	42.3	16.7	40.9	16.1	38.1	14.9
		-8.5	-9.1	49.4	19.3	46.6	18.1	43.8	16.9	42.3	16.3	40.9	15.7	38.1	14.6
		-7.0	-7.6	49.4	18.5	46.6	17.3	43.8	16.2	42.3	15.6	40.9	15.1	38.1	14.0
		-5.0	-5.6	49.4	17.5	46.6	16.4	43.8	15.3	42.3	14.8	40.9	14.3	38.1	13.3
		-3.0	-3.7	49.4	16.6	46.6	15.6	43.8	14.6	42.3	14.1	40.9	13.6	38.1	12.7
		0.0	-0.7	49.4	15.4	46.6	14.5	43.8	13.6	42.3	13.2	40.9	12.7	38.1	11.8
		3.0	2.2	49.4	14.5	46.6	13.6	43.8	12.8	42.3	12.4	40.9	12.0	38.1	11.1
		5.0	4.1	49.4	13.9	46.6	13.1	43.8	12.3	42.3	11.9	40.9	11.5	38.1	10.7
		7.0	6.0	49.4	13.4	46.6	12.6	43.8	11.9	42.3	11.5	40.9	11.1	38.1	10.4
		9.0	7.9	49.4	12.9	46.6	12.2	43.8	11.5	42.3	11.1	40.9	10.7	38.1	10.0
		11.0	9.8	49.4	12.5	46.6	11.8	43.8	11.1	42.3	10.7	40.9	10.4	38.1	9.71
13.0	11.8	49.4	12.1	46.6	11.4	43.8	10.7	42.3	10.4	40.9	10.1	38.1	9.41		
15.0	13.7	49.4	11.7	46.6	11.0	43.8	10.4	42.3	10.1	40.9	9.76	38.1	9.13		

NOTE

1 ■ is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by ■.

3 Capacity tables

3-2 Heating capacity

3-2-12 30HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
50	375	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
		-19.8	-20.0	50.0	28.0	49.9	28.6	47.5	27.1	46.0	26.1	44.4	25.1	41.4	23.1	
		-18.8	-19.0	51.8	28.4	50.6	27.9	47.5	25.9	46.0	25.0	44.4	24.0	41.4	22.1	
		-16.7	-17.0	53.6	27.5	50.6	25.7	47.5	23.9	46.0	23.0	44.4	22.1	41.4	20.4	
		-14.7	-15.0	53.6	25.5	50.6	23.8	47.5	22.2	46.0	21.3	44.4	20.5	41.4	19.0	
		-12.6	-13.0	53.6	23.7	50.6	22.2	47.5	20.7	46.0	19.9	44.4	19.2	41.4	17.8	
		-10.5	-11.0	53.6	22.2	50.6	20.8	47.5	19.4	46.0	18.7	44.4	18.0	41.4	16.7	
		-9.5	-10.0	53.6	21.5	50.6	20.1	47.5	18.8	46.0	18.1	44.4	17.5	41.4	16.2	
		-8.5	-9.1	53.6	20.9	50.6	19.6	47.5	18.3	46.0	17.7	44.4	17.0	41.4	15.8	
		-7.0	-7.6	53.6	20.0	50.6	18.8	47.5	17.5	46.0	16.9	44.4	16.3	41.4	15.2	
		-5.0	-5.6	53.6	18.9	50.6	17.8	47.5	16.6	46.0	16.1	44.4	15.5	41.4	14.4	
		-3.0	-3.7	53.6	18.0	50.6	16.9	47.5	15.8	46.0	15.3	44.4	14.8	41.4	13.7	
		0.0	-0.7	53.6	16.8	50.6	15.8	47.5	14.8	46.0	14.3	44.4	13.8	41.4	12.8	
		3.0	2.2	53.6	15.7	50.6	14.8	47.5	13.9	46.0	13.4	44.4	13.0	41.4	12.1	
		5.0	4.1	53.6	15.1	50.6	14.2	47.5	13.3	46.0	12.9	44.4	12.5	41.4	11.7	
		7.0	6.0	53.6	14.5	50.6	13.7	47.5	12.9	46.0	12.5	44.4	12.1	41.4	11.3	
		9.0	7.9	53.6	14.0	50.6	13.2	47.5	12.4	46.0	12.0	44.4	11.6	41.4	10.9	
		11.0	9.8	53.6	13.5	50.6	12.8	47.5	12.0	46.0	11.6	44.4	11.3	41.4	10.5	
		13.0	11.8	53.6	13.1	50.6	12.3	47.5	11.6	46.0	11.3	44.4	10.9	41.4	10.2	
		15.0	13.7	53.6	12.7	50.6	12.0	47.5	11.3	46.0	10.9	44.4	10.6	41.4	9.91	

NOTE

- 1 is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by .

3 Capacity tables

3-2 Heating capacity

3-2-13 32HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	400	-19.8	-20.0	50.6	27.4	50.5	28.0	50.0	28.2	48.4	27.2	46.8	26.1	43.6	24.0
		-18.8	-19.0	52.4	27.8	52.3	28.4	50.0	27.0	48.4	26.0	46.8	25.0	43.6	23.0
		-16.7	-17.0	56.1	28.5	53.2	26.8	50.0	24.9	48.4	24.0	46.8	23.1	43.6	21.3
		-14.7	-15.0	56.4	26.6	53.2	24.8	50.0	23.1	48.4	22.3	46.8	21.4	43.6	19.8
		-12.6	-13.0	56.4	24.7	53.2	23.1	50.0	21.5	48.4	20.8	46.8	20.0	43.6	18.5
		-10.5	-11.0	56.4	23.1	53.2	21.6	50.0	20.2	48.4	19.5	46.8	18.8	43.6	17.4
		-9.5	-10.0	56.4	22.4	53.2	21.0	50.0	19.6	48.4	18.9	46.8	18.2	43.6	16.9
		-8.5	-9.1	56.4	21.8	53.2	20.4	50.0	19.1	48.4	18.4	46.8	17.7	43.6	16.5
		-7.0	-7.6	56.4	20.9	53.2	19.6	50.0	18.3	48.4	17.6	46.8	17.0	43.6	15.8
		-5.0	-5.6	56.4	19.7	53.2	18.5	50.0	17.3	48.4	16.7	46.8	16.1	43.6	15.0
		-3.0	-3.7	56.4	18.8	53.2	17.6	50.0	16.5	48.4	16.0	46.8	15.4	43.6	14.3
		0.0	-0.7	56.4	17.5	53.2	16.4	50.0	15.4	48.4	14.9	46.8	14.4	43.6	13.4
		3.0	2.2	56.4	16.4	53.2	15.4	50.0	14.5	48.4	14.0	46.8	13.5	43.6	12.6
		5.0	4.1	56.4	15.7	53.2	14.8	50.0	13.9	48.4	13.5	46.8	13.0	43.6	12.1
		7.0	6.0	56.4	15.2	53.2	14.3	50.0	13.4	48.4	13.0	46.8	12.6	43.6	11.7
		9.0	7.9	56.4	14.6	53.2	13.8	50.0	12.9	48.4	12.5	46.8	12.1	43.6	11.3
		11.0	9.8	56.4	14.1	53.2	13.3	50.0	12.5	48.4	12.1	46.8	11.7	43.6	11.0
13.0	11.8	56.4	13.6	53.2	12.9	50.0	12.1	48.4	11.7	46.8	11.4	43.6	10.6		
15.0	13.7	56.4	13.2	53.2	12.5	50.0	11.7	48.4	11.4	46.8	11.0	43.6	10.3		

NOTE

1 ■ is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by ■.

3 Capacity tables

3-2 Heating capacity

3-2-14 34HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB														
				16.0		18.0		20.0		21.0		22.0		24.0				
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI			
50	425	°CDB	°CWB															
		-19.8	-20.0	58.0	34.0	57.5	34.2	54.0	31.7	52.3	30.5	50.5	29.3	47.1	27.0			
		-18.8	-19.0	60.1	34.4	57.5	32.7	54.0	30.4	52.3	29.2	50.5	28.1	47.1	25.9			
		-16.7	-17.0	60.9	32.2	57.5	30.1	54.0	28.0	52.3	26.9	50.5	25.9	47.1	23.9			
		-14.7	-15.0	60.9	29.8	57.5	27.9	54.0	25.9	52.3	25.0	50.5	24.1	47.1	22.2			
		-12.6	-13.0	60.9	27.8	57.5	26.0	54.0	24.2	52.3	23.3	50.5	22.5	47.1	20.8			
		-10.5	-11.0	60.9	26.0	57.5	24.3	54.0	22.7	52.3	21.9	50.5	21.1	47.1	19.5			
		-9.5	-10.0	60.9	25.2	57.5	23.6	54.0	22.0	52.3	21.2	50.5	20.5	47.1	19.0			
		-8.5	-9.1	60.9	24.5	57.5	22.9	54.0	21.4	52.3	20.7	50.5	19.9	47.1	18.5			
		-7.0	-7.6	60.9	23.4	57.5	22.0	54.0	20.5	52.3	19.8	50.5	19.1	47.1	17.7			
		-5.0	-5.6	60.9	22.2	57.5	20.8	54.0	19.5	52.3	18.8	50.5	18.1	47.1	16.8			
		-3.0	-3.7	60.9	21.1	57.5	19.8	54.0	18.5	52.3	17.9	50.5	17.3	47.1	16.1			
		0.0	-0.7	60.9	19.6	57.5	18.4	54.0	17.3	52.3	16.7	50.5	16.1	47.1	15.0			
		3.0	2.2	60.9	18.4	57.5	17.3	54.0	16.2	52.3	15.7	50.5	15.2	47.1	14.2			
		5.0	4.1	60.9	17.7	57.5	16.6	54.0	15.6	52.3	15.1	50.5	14.6	47.1	13.6			
		7.0	6.0	60.9	17.0	57.5	16.0	54.0	15.1	52.3	14.6	50.5	14.1	47.1	13.2			
		9.0	7.9	60.9	16.4	57.5	15.5	54.0	14.5	52.3	14.1	50.5	13.6	47.1	12.7			
		11.0	9.8	60.9	15.9	57.5	15.0	54.0	14.1	52.3	13.6	50.5	13.2	47.1	12.3			
		13.0	11.8	60.9	15.3	57.5	14.4	54.0	13.6	52.3	13.2	50.5	12.8	47.1	11.9			
		15.0	13.7	60.9	14.8	57.5	14.0	54.0	13.2	52.3	12.8	50.5	12.4	47.1	11.6			

NOTE

- 1 [] is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by [].

3 Capacity tables

3-2 Heating capacity

3-2-15 36HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
130	1.170	°CDB	°CWB													
		-19.8	-20.0	61.4	14.3	61.2	16.0	60.9	17.8	60.8	18.7	60.6	19.6	60.4	21.3	
		-18.8	-19.0	63.6	15.4	63.3	17.1	63.1	18.8	62.9	19.6	62.8	20.5	62.5	22.2	
		-16.7	-17.0	67.9	17.4	67.6	19.0	67.4	20.6	67.2	21.4	67.1	22.2	66.8	23.8	
		-14.7	-15.0	72.2	19.2	71.9	20.7	71.7	22.2	71.5	22.9	71.4	23.6	71.1	25.1	
		-12.6	-13.0	76.5	20.8	76.2	22.2	76.0	23.5	75.8	24.2	75.7	24.9	75.4	26.3	
		-10.5	-11.0	80.8	22.1	80.5	23.5	80.3	24.8	80.1	25.4	80.0	26.1	79.8	27.4	
		-9.5	-10.0	82.9	22.8	82.7	24.1	82.4	25.3	82.3	26.0	82.2	26.6	81.9	27.9	
		-8.5	-9.1	84.9	23.3	84.6	24.6	84.4	25.8	84.2	26.4	84.1	27.1	83.8	28.3	
		-7.0	-7.6	88.1	24.2	87.8	25.4	87.6	26.6	87.5	27.2	87.3	27.8	87.1	29.0	
		-5.0	-5.6	92.4	25.2	92.1	26.4	91.9	27.5	91.8	28.1	91.6	28.6	91.4	29.8	
		-3.0	-3.7	96.5	26.1	96.2	27.2	96.0	28.3	95.8	28.8	95.7	29.4	95.5	30.5	
		0.0	-0.7	103	27.4	103	28.4	102	29.4	102	29.9	102	30.4	102	31.4	
		3.0	2.2	109	28.4	109	29.4	109	30.4	109	30.8	108	31.3	108	32.3	
		5.0	4.1	113	29.1	113	30.0	113	30.9	113	31.4	112	31.9	112	32.8	
		7.0	6.0	117	29.7	117	30.6	117	31.5	117	31.9	117	32.3	116	33.2	
		9.0	7.9	121	30.2	121	31.1	121	31.9	121	32.4	121	32.8	120	33.7	
11.0	9.8	126	30.7	125	31.6	125	32.4	125	32.8	125	33.2	125	34.1			
13.0	11.8	130	31.3	130	32.1	129	32.9	129	33.3	129	33.7	128	34.1			
15.0	13.7	134	31.7	134	32.5	133	33.3	133	33.6	133	34.0	128	32.9			
120	1.080	-19.8	-20.0	61.1	16.7	60.8	18.3	60.6	19.9	60.5	20.7	60.4	21.5	60.1	23.1	
		-18.8	-19.0	63.2	17.7	63.0	19.3	62.7	20.8	62.6	21.6	62.5	22.4	62.3	24.0	
		-16.7	-17.0	67.5	19.6	67.3	21.0	67.0	22.5	66.9	23.2	66.8	23.9	66.6	25.4	
		-14.7	-15.0	71.8	21.2	71.6	22.6	71.4	23.9	71.2	24.6	71.1	25.3	70.9	26.7	
		-12.6	-13.0	76.1	22.6	75.9	23.9	75.7	25.2	75.5	25.9	75.4	26.5	75.2	27.8	
		-10.5	-11.0	80.4	23.9	80.2	25.1	80.0	26.3	79.8	26.9	79.7	27.6	79.5	28.8	
		-9.5	-10.0	82.6	24.5	82.3	25.7	82.1	26.9	82.0	27.5	81.9	28.0	81.6	29.2	
		-8.5	-9.1	84.5	25.0	84.3	26.2	84.0	27.3	83.9	27.9	83.8	28.5	83.6	29.6	
		-7.0	-7.6	87.8	25.8	87.5	26.9	87.3	28.0	87.2	28.6	87.0	29.1	86.8	30.2	
		-5.0	-5.6	92.1	26.8	91.8	27.8	91.6	28.9	91.5	29.4	91.3	29.9	91.1	31.0	
		-3.0	-3.7	96.1	27.6	95.9	28.6	95.7	29.6	95.5	30.1	95.4	30.6	95.2	31.6	
		0.0	-0.7	103	28.7	102	29.7	102	30.6	102	31.1	102	31.6	102	32.5	
		3.0	2.2	109	29.7	109	30.6	108	31.5	108	31.9	108	32.4	108	33.3	
		5.0	4.1	113	30.3	113	31.2	112	32.0	112	32.5	112	32.9	112	33.7	
		7.0	6.0	117	30.9	117	31.7	117	32.5	116	32.9	116	33.3	116	34.2	
		9.0	7.9	121	31.4	121	32.2	121	33.0	121	33.4	120	33.8	118	33.7	
		11.0	9.8	125	31.9	125	32.6	125	33.4	125	33.8	124	34.2	118	32.3	
13.0	11.8	129	32.3	129	33.1	129	33.8	129	34.2	127	33.8	118	31.0			
15.0	13.7	134	32.8	133	33.5	133	34.2	131	33.8	127	32.5	118	29.9			
110	990	-19.8	-20.0	60.7	19.0	60.5	20.5	60.3	22.0	60.2	22.8	60.1	23.5	59.8	25.0	
		-18.8	-19.0	62.9	20.0	62.7	21.4	62.4	22.9	62.3	23.6	62.2	24.3	62.0	25.7	
		-16.7	-17.0	67.2	21.7	67.0	23.0	66.7	24.4	66.6	25.0	66.5	25.7	66.3	27.0	
		-14.7	-15.0	71.5	23.2	71.3	24.5	71.0	25.7	70.9	26.3	70.8	27.0	70.6	28.2	
		-12.6	-13.0	75.8	24.5	75.6	25.7	75.3	26.9	75.2	27.5	75.1	28.0	74.9	29.2	
		-10.5	-11.0	80.1	25.7	79.9	26.8	79.6	27.9	79.5	28.5	79.4	29.0	79.2	30.1	
		-9.5	-10.0	82.2	26.2	82.0	27.3	81.8	28.4	81.7	28.9	81.6	29.5	81.4	30.5	
		-8.5	-9.1	84.2	26.7	84.0	27.7	83.7	28.8	83.6	29.3	83.5	29.9	83.3	30.9	
		-7.0	-7.6	87.4	27.4	87.2	28.4	87.0	29.4	86.9	29.9	86.7	30.5	86.5	31.5	
		-5.0	-5.6	91.7	28.3	91.5	29.3	91.3	30.2	91.2	30.7	91.0	31.2	90.8	32.1	
		-3.0	-3.7	95.8	29.0	95.6	30.0	95.4	30.9	95.2	31.4	95.1	31.8	94.9	32.7	
		0.0	-0.7	102	30.1	102	31.0	102	31.8	102	32.3	102	32.7	101	33.6	
		3.0	2.2	108	31.0	108	31.8	108	32.7	108	33.1	108	33.5	108	34.3	
		5.0	4.1	113	31.6	112	32.4	112	33.1	112	33.5	112	33.9	108	33.1	
		7.0	6.0	117	32.1	116	32.8	116	33.6	116	34.0	116	34.3	108	31.7	
		9.0	7.9	121	32.5	121	33.3	120	34.0	120	34.4	116	33.0	108	30.4	
		11.0	9.8	125	33.0	125	33.7	124	34.3	124	34.7	120	33.0	116	31.7	
13.0	11.8	129	33.4	129	34.1	124	32.9	120	31.7	116	30.5	108	28.0			
15.0	13.7	133	33.8	132	34.2	124	31.7	120	30.5	116	29.3	108	27.0			
100	900	-19.8	-20.0	60.4	21.4	60.2	22.8	60.0	24.1	59.9	24.8	59.8	25.5	59.6	26.8	
		-18.8	-19.0	62.5	22.3	62.3	23.6	62.1	24.9	62.0	25.5	61.9	26.2	61.7	27.5	
		-16.7	-17.0	66.8	23.8	66.6	25.0	66.4	26.3	66.3	26.9	66.2	27.5	66.0	28.7	
		-14.7	-15.0	71.1	25.2	70.9	26.3	70.7	27.5	70.6	28.0	70.5	28.6	70.3	29.7	
		-12.6	-13.0	75.4	26.4	75.2	27.5	75.0	28.5	74.9	29.1	74.8	29.6	74.6	30.7	
		-10.5	-11.0	79.7	27.5	79.5	28.5	79.3	29.5	79.2	30.0	79.1	30.5	78.9	31.5	
		-9.5	-10.0	81.9	28.0	81.7	28.9	81.5	29.9	81.4	30.4	81.3	30.9	81.1	31.9	
		-8.5	-9.1	83.8	28.4	83.6	29.3	83.4	30.3	83.3	30.8	83.2	31.2	83.0	32.2	
		-7.0	-7.6	87.1	29.0	86.9	29.9	86.7	30.9	86.6	31.3	86.5	31.8	86.3	32.7	
		-5.0	-5.6	91.4	29.8	91.2	30.7	91.0	31.6	90.9	32.0	90.8	32.5	90.6	33.3	
		-3.0	-3.7	95.4	30.5	95.2	31.4	95.0	32.2	94.9	32.6	94.8	33.0	94.6	33.9	
		0.0	-0.7	102	31.5	102	32.3	102	33.1	101	33.5	101	33.8	98.5	33.2	
		3.0	2.2	108	32.3	108	33.1	108	33.8	108	34.2	106	33.6	98.5	30.9	
		5.0	4.1	112	32.8	112	33.5	112	34.2	109	33.5	106	32.1	98.5	29.6	
		7.0	6.0	116	33.3	116	34.0	113	33.3	109	32.0	106	30.8	98.5	28.3	
		9.0	7.9	120	33.7	120	34.4	113	31.9	109	30.7	106	29.5	98.5	27.2	
		11.0	9.8	124	34.1	120	33.0	113	30.7	109	29.5	106	28.4	98.5	26.2	
13.0	11.8	128	34.0	120	31.7	113	29.4	109	28.4	106	27.3	98.5	25.2			
15.0	13.7	128	32.7	120	30.5	113	28.4	109	27.3	106	26.3	98.5	24.3			

3 Capacity tables

3-2 Heating capacity

3-2-15 36HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
°CDB		°CWB		kW		kW		kW		kW		kW		kW	
50	450	-19.8	-20.0	58.6	33.3	58.5	33.9	56.5	32.9	54.7	31.6	52.9	30.4	49.2	28.0
		-18.8	-19.0	60.8	33.7	60.1	33.9	56.5	31.5	54.7	30.3	52.9	29.1	49.2	26.8
		-16.7	-17.0	63.8	33.4	60.1	31.2	56.5	29.0	54.7	27.9	52.9	26.8	49.2	24.8
		-14.7	-15.0	63.8	30.9	60.1	28.9	56.5	26.9	54.7	25.9	52.9	24.9	49.2	23.0
		-12.6	-13.0	63.8	28.8	60.1	26.9	56.5	25.1	54.7	24.2	52.9	23.3	49.2	21.5
		-10.5	-11.0	63.8	26.9	60.1	25.2	56.5	23.5	54.7	22.7	52.9	21.8	49.2	20.2
		-9.5	-10.0	63.8	26.1	60.1	24.4	56.5	22.8	54.7	22.0	52.9	21.2	49.2	19.6
		-8.5	-9.1	63.8	25.4	60.1	23.8	56.5	22.2	54.7	21.4	52.9	20.7	49.2	19.1
		-7.0	-7.6	63.8	24.3	60.1	22.8	56.5	21.3	54.7	20.5	52.9	19.8	49.2	18.4
		-5.0	-5.6	63.8	23.0	60.1	21.6	56.5	20.2	54.7	19.5	52.9	18.8	49.2	17.5
		-3.0	-3.7	63.8	21.9	60.1	20.5	56.5	19.2	54.7	18.6	52.9	17.9	49.2	16.7
		0.0	-0.7	63.8	20.3	60.1	19.1	56.5	17.9	54.7	17.3	52.9	16.7	49.2	15.6
		3.0	2.2	63.8	19.1	60.1	17.9	56.5	16.8	54.7	16.3	52.9	15.7	49.2	14.7
		5.0	4.1	63.8	18.3	60.1	17.2	56.5	16.2	54.7	15.7	52.9	15.2	49.2	14.1
		7.0	6.0	63.8	17.6	60.1	16.6	56.5	15.6	54.7	15.1	52.9	14.6	49.2	13.6
		9.0	7.9	63.8	17.0	60.1	16.0	56.5	15.1	54.7	14.6	52.9	14.1	49.2	13.2
11.0	9.8	63.8	16.4	60.1	15.5	56.5	14.6	54.7	14.1	52.9	13.7	49.2	12.8		
13.0	11.8	63.8	15.9	60.1	15.0	56.5	14.1	54.7	13.7	52.9	13.2	49.2	12.4		
15.0	13.7	63.8	15.4	60.1	14.5	56.5	13.7	54.7	13.3	52.9	12.8	49.2	12.0		

NOTE

1 [] is shown as reference
 When selecting the unit models, avoid the Outdoor air temperature range shown by [].

3 Capacity tables

3-2 Heating capacity

3-2-16 38HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB												
				16.0		18.0		20.0		21.0		22.0		24.0		
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
90	855	°CDB	°CWB													
		-19.8	-20.0	62.4	24.1	62.2	25.4	62.0	26.7	61.9	27.3	61.8	27.9	61.6	29.2	
		-18.8	-19.0	64.6	24.9	64.4	26.2	64.3	27.4	64.2	28.0	64.1	28.6	63.9	29.8	
		-16.7	-17.0	69.1	26.4	68.9	27.5	68.7	28.7	68.6	29.3	68.5	29.8	68.3	31.0	
		-14.7	-15.0	73.6	27.7	73.4	28.7	73.2	29.8	73.1	30.4	73.0	30.9	72.8	32.0	
		-12.6	-13.0	78.0	28.8	77.9	29.8	77.7	30.8	77.6	31.3	77.5	31.8	77.3	32.8	
		-10.5	-11.0	82.5	29.8	82.3	30.8	82.1	31.7	82.0	32.2	81.9	32.7	81.8	33.6	
		-9.5	-10.0	84.7	30.3	84.6	31.2	84.4	32.1	84.3	32.6	84.2	33.0	84.0	34.0	
		-8.5	-9.1	86.8	30.7	86.6	31.6	86.4	32.5	86.3	32.9	86.2	33.4	86.0	34.3	
		-7.0	-7.6	90.1	31.3	89.9	32.2	89.7	33.0	89.6	33.5	89.5	33.9	89.4	34.8	
		-5.0	-5.6	94.6	32.0	94.4	32.9	94.2	33.7	94.1	34.1	94.0	34.5	93.9	35.0	
		-3.0	-3.7	98.8	32.7	98.6	33.5	98.5	34.3	98.4	34.7	98.3	35.1	98.3	35.2	
		0.0	-0.7	106	33.6	105	34.3	105	35.1	104	34.7	100	33.4	99.3	30.7	
		3.0	2.2	112	34.4	112	35.1	107	33.6	104	32.3	100	31.0	99.3	28.6	
		5.0	4.1	116	34.9	114	34.5	107	32.1	104	30.9	100	29.7	99.3	27.4	
		7.0	6.0	121	35.3	114	33.1	107	30.7	104	29.6	100	28.5	99.3	26.3	
		9.0	7.9	121	34.0	114	31.7	107	29.5	104	28.4	100	27.3	99.3	25.2	
11.0	9.8	121	32.6	114	30.5	107	28.4	104	27.3	100	26.3	99.3	24.3			
13.0	11.8	121	31.3	114	29.3	107	27.3	104	26.3	100	25.3	99.3	23.4			
15.0	13.7	121	30.2	114	28.2	107	26.3	104	25.4	100	24.4	99.3	22.6			
80	760	-19.8	-20.0	62.0	26.6	61.9	27.7	61.7	28.9	61.6	29.4	61.5	30.0	61.4	31.1	
		-18.8	-19.0	64.3	27.3	64.1	28.4	63.9	29.5	63.8	30.0	63.8	30.6	63.6	31.7	
		-16.7	-17.0	68.7	28.6	68.6	29.6	68.4	30.7	68.3	31.2	68.2	31.7	68.1	32.7	
		-14.7	-15.0	73.2	29.8	73.0	30.7	72.9	31.7	72.8	32.1	72.7	32.6	72.5	33.6	
		-12.6	-13.0	77.7	30.8	77.5	31.7	77.3	32.6	77.3	33.0	77.2	33.5	77.0	34.3	
		-10.5	-11.0	82.1	31.7	82.0	32.5	81.8	33.4	81.7	33.8	81.6	34.2	81.5	35.0	
		-9.5	-10.0	84.4	32.1	84.2	32.9	84.0	33.7	84.0	34.1	83.9	34.5	83.0	34.9	
		-8.5	-9.1	86.4	32.4	86.2	33.2	86.1	34.0	86.0	34.4	85.9	34.8	83.0	33.9	
		-7.0	-7.6	89.7	33.0	89.6	33.7	89.4	34.5	89.3	34.9	89.1	35.2	83.0	32.3	
		-5.0	-5.6	94.2	33.6	94.0	34.4	93.9	35.1	92.1	34.5	89.1	33.2	83.0	30.5	
		-3.0	-3.7	98.5	34.2	98.3	34.9	95.2	34.0	92.1	32.7	89.1	31.4	83.0	28.9	
		0.0	-0.7	105	35.0	101	33.8	95.2	31.4	92.1	30.2	89.1	29.1	83.0	26.8	
		3.0	2.2	107	33.7	101	31.4	95.2	29.2	92.1	28.2	89.1	27.1	83.0	25.0	
		5.0	4.1	107	32.2	101	30.1	95.2	28.0	92.1	27.0	89.1	26.0	83.0	24.0	
		7.0	6.0	107	30.8	101	28.8	95.2	26.9	92.1	25.9	89.1	24.9	83.0	23.1	
		9.0	7.9	107	29.6	101	27.7	95.2	25.8	92.1	24.9	89.1	24.0	83.0	22.2	
		11.0	9.8	107	28.5	101	26.6	95.2	24.8	92.1	24.0	89.1	23.1	83.0	21.4	
13.0	11.8	107	27.4	101	25.6	95.2	23.9	92.1	23.1	89.1	22.2	83.0	20.6			
15.0	13.7	107	26.4	101	24.7	95.2	23.1	92.1	22.3	89.1	21.5	83.0	19.9			
70	665	-19.8	-20.0	61.7	29.1	61.5	30.1	61.4	31.0	61.3	31.5	61.2	32.0	61.1	33.0	
		-18.8	-19.0	63.9	29.7	63.7	30.7	63.6	31.6	63.5	32.1	63.5	32.6	63.3	33.5	
		-16.7	-17.0	68.4	30.9	68.2	31.7	68.1	32.6	68.0	33.1	67.9	33.5	67.8	34.4	
		-14.7	-15.0	72.8	31.9	72.7	32.7	72.5	33.5	72.5	33.9	72.4	34.3	72.3	35.2	
		-12.6	-13.0	77.3	32.7	77.2	33.5	77.0	34.3	76.9	34.7	76.9	35.1	72.6	32.9	
		-10.5	-11.0	81.8	33.5	81.6	34.3	81.5	35.0	80.6	34.8	77.9	33.5	72.6	30.8	
		-9.5	-10.0	84.0	33.9	83.9	34.6	83.3	35.0	80.6	33.7	77.9	32.4	72.6	29.8	
		-8.5	-9.1	86.0	34.2	85.9	34.9	83.3	34.0	80.6	32.7	77.9	31.5	72.6	29.0	
		-7.0	-7.6	89.4	34.7	88.7	35.0	83.3	32.5	80.6	31.3	77.9	30.1	72.6	27.7	
		-5.0	-5.6	93.8	35.3	88.7	33.0	83.3	30.6	80.6	29.5	77.9	28.4	72.6	26.2	
		-3.0	-3.7	94.0	33.5	88.7	31.3	83.3	29.1	80.6	28.0	77.9	27.0	72.6	24.9	
		0.0	-0.7	94.0	30.9	88.7	28.9	83.3	26.9	80.6	26.0	77.9	25.0	72.6	23.1	
		3.0	2.2	94.0	28.8	88.7	27.0	83.3	25.1	80.6	24.2	77.9	23.4	72.6	21.6	
		5.0	4.1	94.0	27.6	88.7	25.8	83.3	24.1	80.6	23.3	77.9	22.4	72.6	20.8	
		7.0	6.0	94.0	26.5	88.7	24.8	83.3	23.2	80.6	22.3	77.9	21.5	72.6	20.0	
		9.0	7.9	94.0	25.4	88.7	23.8	83.3	22.3	80.6	21.5	77.9	20.8	72.6	19.3	
		11.0	9.8	94.0	24.5	88.7	23.0	83.3	21.5	80.6	20.7	77.9	20.0	72.6	18.6	
13.0	11.8	94.0	23.6	88.7	22.1	83.3	20.7	80.6	20.0	77.9	19.3	72.6	17.9			
15.0	13.7	94.0	22.8	88.7	21.4	83.3	20.0	80.6	19.3	77.9	18.7	72.6	17.4			
60	570	-19.8	-20.0	61.3	31.6	61.2	32.4	61.0	33.2	61.0	33.7	60.9	34.1	60.8	34.9	
		-18.8	-19.0	63.5	32.1	63.4	32.9	63.3	33.7	63.2	34.1	63.2	34.5	62.2	34.7	
		-16.7	-17.0	68.0	33.1	67.9	33.8	67.7	34.6	67.7	35.0	66.8	34.7	62.2	31.9	
		-14.7	-15.0	72.5	33.9	72.3	34.7	71.4	34.7	69.1	33.4	66.8	32.1	62.2	29.6	
		-12.6	-13.0	76.9	34.7	76.0	34.8	71.4	32.3	69.1	31.1	66.8	29.9	62.2	27.5	
		-10.5	-11.0	80.6	34.8	76.0	32.5	71.4	30.2	69.1	29.1	66.8	28.0	62.2	25.8	
		-9.5	-10.0	80.6	33.7	76.0	31.4	71.4	29.2	69.1	28.2	66.8	27.1	62.2	25.0	
		-8.5	-9.1	80.6	32.7	76.0	30.6	71.4	28.4	69.1	27.4	66.8	26.4	62.2	24.4	
		-7.0	-7.6	80.6	31.2	76.0	29.2	71.4	27.2	69.1	26.2	66.8	25.2	62.2	23.3	
		-5.0	-5.6	80.6	29.5	76.0	27.6	71.4	25.7	69.1	24.8	66.8	23.9	62.2	22.1	
		-3.0	-3.7	80.6	28.0	76.0	26.2	71.4	24.4	69.1	23.6	66.8	22.7	62.2	21.1	
		0.0	-0.7	80.6	25.9	76.0	24.3	71.4	22.7	69.1	21.9	66.8	21.1	62.2	19.6	
		3.0	2.2	80.6	24.2	76.0	22.7	71.4	21.3	69.1	20.5	66.8	19.8	62.2	18.4	
		5.0	4.1	80.6	23.2	76.0	21.8	71.4	20.4	69.1	19.7	66.8	19.0	62.2	17.7	
		7.0	6.0	80.6	22.3	76.0	21.0	71.4	19.6	69.1	19.0	66.8	18.3	62.2	17.1	
		9.0	7.9	80.6	21.5	76.0	20.2	71.4	18.9	69.1	18.3	66.8	17.7	62.2	16.5	
		11.0	9.8	80.6	20.7	76.0	19.5	71.4	18.3	69.1	17.7	66.8	17.1	62.2	15.9	
13.0	11.8	80.6	20.0	76.0	18.8	71.4	17.6	69.1	17.1	66.8	16.5	62.2	15.4			
15.0	13.7	80.6	19.3	76.0	18.2	71.4	17.1	69.1	16.5	66.8	16.0	62.2	14.9			

3

3 Capacity tables

3-2 Heating capacity

3-2-16 38HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB													
				16.0		18.0		20.0		21.0		22.0		24.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
50	475	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
		-19.8	-20.0	60.9	34.0	60.8	34.7	59.5	34.3	57.6	33.0	55.7	31.8	51.9	29.2	28.0	25.9
		-18.8	-19.0	63.2	34.5	63.1	35.2	59.5	32.9	57.6	31.6	55.7	30.4	51.9	28.0	25.9	
		-16.7	-17.0	67.1	34.9	63.3	32.6	59.5	30.3	57.6	29.2	55.7	28.1	51.9	25.9		
		-14.7	-15.0	67.1	32.3	63.3	30.2	59.5	28.1	57.6	27.1	55.7	26.0	51.9	24.1		
		-12.6	-13.0	67.1	30.1	63.3	28.1	59.5	26.2	57.6	25.3	55.7	24.3	51.9	22.5		
		-10.5	-11.0	67.1	28.1	63.3	26.3	59.5	24.6	57.6	23.7	55.7	22.8	51.9	21.1		
		-9.5	-10.0	67.1	27.3	63.3	25.5	59.5	23.8	57.6	23.0	55.7	22.2	51.9	20.5		
		-8.5	-9.1	67.1	26.5	63.3	24.8	59.5	23.2	57.6	22.4	55.7	21.6	51.9	20.0		
		-7.0	-7.6	67.1	25.4	63.3	23.8	59.5	22.2	57.6	21.5	55.7	20.7	51.9	19.2		
		-5.0	-5.6	67.1	24.0	63.3	22.5	59.5	21.1	57.6	20.3	55.7	19.6	51.9	18.2		
		-3.0	-3.7	67.1	22.8	63.3	21.4	59.5	20.1	57.6	19.4	55.7	18.7	51.9	17.4		
		0.0	-0.7	67.1	21.2	63.3	20.0	59.5	18.7	57.6	18.1	55.7	17.5	51.9	16.3		
		3.0	2.2	67.1	19.9	63.3	18.7	59.5	17.6	57.6	17.0	55.7	16.4	51.9	15.3		
		5.0	4.1	67.1	19.1	63.3	18.0	59.5	16.9	57.6	16.4	55.7	15.8	51.9	14.8		
		7.0	6.0	67.1	18.4	63.3	17.4	59.5	16.3	57.6	15.8	55.7	15.3	51.9	14.3		
		9.0	7.9	67.1	17.8	63.3	16.8	59.5	15.7	57.6	15.3	55.7	14.8	51.9	13.8		
		11.0	9.8	67.1	17.2	63.3	16.2	59.5	15.2	57.6	14.8	55.7	14.3	51.9	13.4		
13.0	11.8	67.1	16.6	63.3	15.6	59.5	14.7	57.6	14.3	55.7	13.8	51.9	12.9				
15.0	13.7	67.1	16.1	63.3	15.2	59.5	14.3	57.6	13.8	55.7	13.4	51.9	12.6				

NOTE

- 1 [] is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by [].

3 Capacity tables

3-2 Heating capacity

3-2-17 40HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	500	-19.8	-20.0	66.6	37.8	66.5	38.6	63.3	36.5	61.2	35.1	59.2	33.7	55.1	31.0
		-18.8	-19.0	69.1	38.3	67.3	37.6	63.3	34.9	61.2	33.6	59.2	32.3	55.1	29.8
		-16.7	-17.0	71.4	37.1	67.3	34.6	63.3	32.2	61.2	31.0	59.2	29.8	55.1	27.5
		-14.7	-15.0	71.4	34.3	67.3	32.0	63.3	29.8	61.2	28.7	59.2	27.7	55.1	25.6
		-12.6	-13.0	71.4	31.9	67.3	29.8	63.3	27.8	61.2	26.8	59.2	25.8	55.1	23.9
		-10.5	-11.0	71.4	29.9	67.3	27.9	63.3	26.1	61.2	25.2	59.2	24.2	55.1	22.5
		-9.5	-10.0	71.4	28.9	67.3	27.1	63.3	25.3	61.2	24.4	59.2	23.5	55.1	21.8
		-8.5	-9.1	71.4	28.2	67.3	26.4	63.3	24.6	61.2	23.8	59.2	22.9	55.1	21.2
		-7.0	-7.6	71.4	26.9	67.3	25.3	63.3	23.6	61.2	22.8	59.2	22.0	55.1	20.4
		-5.0	-5.6	71.4	25.5	67.3	23.9	63.3	22.4	61.2	21.6	59.2	20.9	55.1	19.4
		-3.0	-3.7	71.4	24.3	67.3	22.8	63.3	21.3	61.2	20.6	59.2	19.9	55.1	18.5
		0.0	-0.7	71.4	22.6	67.3	21.2	63.3	19.9	61.2	19.2	59.2	18.6	55.1	17.3
		3.0	2.2	71.4	21.1	67.3	19.9	63.3	18.7	61.2	18.1	59.2	17.5	55.1	16.3
		5.0	4.1	71.4	20.3	67.3	19.1	63.3	18.0	61.2	17.4	59.2	16.8	55.1	15.7
		7.0	6.0	71.4	19.6	67.3	18.4	63.3	17.3	61.2	16.8	59.2	16.2	55.1	15.1
		9.0	7.9	71.4	18.9	67.3	17.8	63.3	16.7	61.2	16.2	59.2	15.7	55.1	14.6
		11.0	9.8	71.4	18.2	67.3	17.2	63.3	16.2	61.2	15.7	59.2	15.2	55.1	14.2
13.0	11.8	71.4	17.6	67.3	16.6	63.3	15.6	61.2	15.2	59.2	14.7	55.1	13.7		
15.0	13.7	71.4	17.1	67.3	16.1	63.3	15.2	61.2	14.7	59.2	14.2	55.1	13.3		

NOTE

1 ■ is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by ■.

3 Capacity tables

3-2 Heating capacity

3-2-18 42HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB															
				16.0		18.0		20.0		21.0		22.0		24.0					
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI				
50	525	°CDB	°CWB																
		-19.8	-20.0	67.2	37.2	67.1	38.0	65.8	37.6	63.6	36.2	61.5	34.8	57.3	32.0				
		-18.8	-19.0	69.7	37.7	69.6	38.4	65.8	36.0	63.6	34.6	61.5	33.3	57.3	30.7				
		-16.7	-17.0	74.2	38.2	70.0	35.7	65.8	33.2	63.6	31.9	61.5	30.7	57.3	28.3				
		-14.7	-15.0	74.2	35.4	70.0	33.0	65.8	30.8	63.6	29.6	61.5	28.5	57.3	26.4				
		-12.6	-13.0	74.2	32.9	70.0	30.8	65.8	28.7	63.6	27.7	61.5	26.6	57.3	24.6				
		-10.5	-11.0	74.2	30.8	70.0	28.8	65.8	26.9	63.6	25.9	61.5	25.0	57.3	23.2				
		-9.5	-10.0	74.2	29.9	70.0	27.9	65.8	26.1	63.6	25.2	61.5	24.3	57.3	22.5				
		-8.5	-9.1	74.2	29.0	70.0	27.2	65.8	25.4	63.6	24.5	61.5	23.6	57.3	21.9				
		-7.0	-7.6	74.2	27.8	70.0	26.0	65.8	24.3	63.6	23.5	61.5	22.7	57.3	21.0				
		-5.0	-5.6	74.2	26.3	70.0	24.7	65.8	23.1	63.6	22.3	61.5	21.5	57.3	20.0				
		-3.0	-3.7	74.2	25.0	70.0	23.5	65.8	22.0	63.6	21.2	61.5	20.5	57.3	19.1				
		0.0	-0.7	74.2	23.3	70.0	21.9	65.8	20.5	63.6	19.8	61.5	19.1	57.3	17.8				
		3.0	2.2	74.2	21.8	70.0	20.5	65.8	19.3	63.6	18.6	61.5	18.0	57.3	16.8				
		5.0	4.1	74.2	21.0	70.0	19.7	65.8	18.5	63.6	17.9	61.5	17.3	57.3	16.2				
		7.0	6.0	74.2	20.2	70.0	19.0	65.8	17.9	63.6	17.3	61.5	16.7	57.3	15.6				
		9.0	7.9	74.2	19.5	70.0	18.3	65.8	17.2	63.6	16.7	61.5	16.2	57.3	15.1				
		11.0	9.8	74.2	18.8	70.0	17.7	65.8	16.7	63.6	16.2	61.5	15.6	57.3	14.6				
13.0	11.8	74.2	18.2	70.0	17.1	65.8	16.1	63.6	15.6	61.5	15.1	57.3	14.2						
15.0	13.7	74.2	17.6	70.0	16.6	65.8	15.6	63.6	15.2	61.5	14.7	57.3	13.8						

NOTE

- 1 [] is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by [].

3 Capacity tables

3-2 Heating capacity

3-2-19 44HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	550	-19.8	-20.0	69.5	38.0	69.4	38.8	68.8	39.1	66.5	37.6	64.3	36.1	59.9	33.3
		-18.8	-19.0	72.1	38.5	72.0	39.3	68.8	37.4	66.5	36.0	64.3	34.6	59.9	31.9
		-16.7	-17.0	77.2	39.4	73.2	37.1	68.8	34.5	66.5	33.2	64.3	31.9	59.9	29.5
		-14.7	-15.0	77.6	36.8	73.2	34.3	68.8	32.0	66.5	30.8	64.3	29.6	59.9	27.4
		-12.6	-13.0	77.6	34.2	73.2	32.0	68.8	29.8	66.5	28.7	64.3	27.7	59.9	25.6
		-10.5	-11.0	77.6	32.0	73.2	30.0	68.8	28.0	66.5	27.0	64.3	26.0	59.9	24.1
		-9.5	-10.0	77.6	31.0	73.2	29.0	68.8	27.1	66.5	26.2	64.3	25.2	59.9	23.4
		-8.5	-9.1	77.6	30.2	73.2	28.3	68.8	26.4	66.5	25.5	64.3	24.6	59.9	22.8
		-7.0	-7.6	77.6	28.9	73.2	27.1	68.8	25.3	66.5	24.4	64.3	23.6	59.9	21.9
		-5.0	-5.6	77.6	27.3	73.2	25.6	68.8	24.0	66.5	23.2	64.3	22.4	59.9	20.8
		-3.0	-3.7	77.6	26.0	73.2	24.4	68.8	22.9	66.5	22.1	64.3	21.3	59.9	19.8
		0.0	-0.7	77.6	24.2	73.2	22.7	68.8	21.3	66.5	20.6	64.3	19.9	59.9	18.5
		3.0	2.2	77.6	22.7	73.2	21.3	68.8	20.0	66.5	19.4	64.3	18.7	59.9	17.4
		5.0	4.1	77.6	21.8	73.2	20.5	68.8	19.3	66.5	18.6	64.3	18.0	59.9	16.8
		7.0	6.0	77.6	21.0	73.2	19.8	68.8	18.6	66.5	18.0	64.3	17.4	59.9	16.2
		9.0	7.9	77.6	20.2	73.2	19.1	68.8	17.9	66.5	17.4	64.3	16.8	59.9	15.7
		11.0	9.8	77.6	19.5	73.2	18.4	68.8	17.3	66.5	16.8	64.3	16.3	59.9	15.2
13.0	11.8	77.6	18.9	73.2	17.8	68.8	16.8	66.5	16.2	64.3	15.7	59.9	14.7		
15.0	13.7	77.6	18.3	73.2	17.3	68.8	16.3	66.5	15.8	64.3	15.3	59.9	14.3		

NOTE

1 ■ is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by ■.

3 Capacity tables

3-2 Heating capacity

3-2-20 46HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	1.035	-19.8	-20.0	77.0	29.8	76.8	31.4	76.6	32.9	76.5	33.7	76.4	34.4	76.1	35.9
		-18.8	-19.0	79.8	30.8	79.6	32.3	79.3	33.8	79.2	34.5	79.1	35.2	78.9	36.7
		-16.7	-17.0	85.3	32.6	85.1	34.0	84.9	35.3	84.8	36.0	84.6	36.7	84.4	38.1
		-14.7	-15.0	90.9	34.1	90.6	35.4	90.4	36.7	90.3	37.3	90.2	38.0	89.9	39.3
		-12.6	-13.0	96.4	35.5	96.1	36.7	95.9	37.9	95.8	38.5	95.7	39.1	95.5	40.3
		-10.5	-11.0	102	36.7	102	37.8	101	39.0	101	39.5	101	40.1	101	41.2
		-9.5	-10.0	105	37.2	104	38.4	104	39.5	104	40.0	104	40.6	104	41.7
		-8.5	-9.1	107	37.7	107	38.8	107	39.9	107	40.4	106	41.0	106	42.0
		-7.0	-7.6	111	38.5	111	39.5	111	40.5	111	41.1	111	41.6	110	42.6
		-5.0	-5.6	117	39.4	117	40.4	116	41.3	116	41.8	116	42.3	114	42.1
		-3.0	-3.7	122	40.1	122	41.1	122	42.0	121	42.5	121	43.0	114	39.9
		0.0	-0.7	130	41.2	130	42.1	130	43.0	126	41.7	122	40.0	114	36.8
		3.0	2.2	138	42.2	138	43.0	131	40.3	126	38.8	122	37.2	114	34.3
		5.0	4.1	144	42.7	139	41.5	131	38.5	126	37.1	122	35.6	114	32.8
		7.0	6.0	147	42.6	139	39.7	131	36.9	126	35.5	122	34.2	114	31.5
		9.0	7.9	147	40.8	139	38.1	131	35.4	126	34.1	122	32.8	114	30.3
		11.0	9.8	147	39.2	139	36.6	131	34.0	126	32.8	122	31.6	114	29.2
13.0	11.8	147	37.6	139	35.1	131	32.7	126	31.5	122	30.4	114	28.1		
15.0	13.7	147	36.2	139	33.9	131	31.6	126	30.4	122	29.3	114	27.1		
80	920	-19.8	-20.0	76.6	32.8	76.4	34.2	76.2	35.5	76.1	36.2	76.0	36.9	75.8	38.2
		-18.8	-19.0	79.4	33.7	79.2	35.0	79.0	36.3	78.8	37.0	78.7	37.6	78.5	38.9
		-16.7	-17.0	84.9	35.3	84.7	36.5	84.5	37.7	84.4	38.3	84.3	38.9	84.1	40.1
		-14.7	-15.0	90.4	36.6	90.2	37.8	90.0	38.9	89.9	39.5	89.8	40.1	89.6	41.2
		-12.6	-13.0	95.9	37.8	95.7	38.9	95.5	40.0	95.4	40.5	95.3	41.1	95.1	42.1
		-10.5	-11.0	101	38.9	101	39.9	101	40.9	101	41.4	101	42.0	101	43.0
		-9.5	-10.0	104	39.4	104	40.4	104	41.4	104	41.9	104	42.4	101	41.9
		-8.5	-9.1	107	39.8	106	40.8	106	41.8	106	42.2	106	42.7	101	40.7
		-7.0	-7.6	111	40.5	111	41.4	110	42.3	110	42.8	109	42.2	101	38.8
		-5.0	-5.6	116	41.3	116	42.2	116	43.1	112	41.4	109	39.8	101	36.6
		-3.0	-3.7	122	42.0	121	42.8	116	40.8	112	39.3	109	37.7	101	34.7
		0.0	-0.7	130	43.0	123	40.5	116	37.7	112	36.3	109	34.9	101	32.2
		3.0	2.2	131	40.4	123	37.7	116	35.1	112	33.8	109	32.5	101	30.0
		5.0	4.1	131	38.6	123	36.1	116	33.6	112	32.4	109	31.2	101	28.8
		7.0	6.0	131	37.0	123	34.6	116	32.2	112	31.1	109	29.9	101	27.7
		9.0	7.9	131	35.5	123	33.2	116	31.0	112	29.9	109	28.8	101	26.6
		11.0	9.8	131	34.2	123	32.0	116	29.8	112	28.8	109	27.7	101	25.7
13.0	11.8	131	32.8	123	30.7	116	28.7	112	27.7	109	26.7	101	24.7		
15.0	13.7	131	31.7	123	29.7	116	27.7	112	26.7	109	25.8	101	23.9		
70	805	-19.8	-20.0	76.1	35.8	76.0	37.0	75.8	38.2	75.7	38.8	75.6	39.4	75.4	40.5
		-18.8	-19.0	78.9	36.6	78.7	37.7	78.6	38.9	78.5	39.4	78.4	40.0	78.2	41.1
		-16.7	-17.0	84.4	37.9	84.3	39.0	84.1	40.1	84.0	40.6	83.9	41.1	83.7	42.2
		-14.7	-15.0	90.0	39.1	89.8	40.1	89.6	41.1	89.5	41.6	89.4	42.1	88.5	42.5
		-12.6	-13.0	95.5	40.2	95.3	41.1	95.1	42.1	95.0	42.5	94.9	43.0	88.5	39.5
		-10.5	-11.0	101	41.1	101	42.0	101	42.9	98.2	41.8	95.0	40.2	88.5	36.9
		-9.5	-10.0	104	41.6	104	42.4	102	42.1	98.2	40.4	95.0	38.9	88.5	35.8
		-8.5	-9.1	106	41.9	106	42.8	102	40.9	98.2	39.3	95.0	37.8	88.5	34.8
		-7.0	-7.6	110	42.5	108	42.0	102	39.0	98.2	37.5	95.0	36.1	88.5	33.3
		-5.0	-5.6	115	42.4	108	39.6	102	36.8	98.2	35.4	95.0	34.1	88.5	31.4
		-3.0	-3.7	115	40.2	108	37.5	102	34.9	98.2	33.6	95.0	32.4	88.5	29.9
		0.0	-0.7	115	37.1	108	34.7	102	32.3	98.2	31.1	95.0	30.0	88.5	27.7
		3.0	2.2	115	34.6	108	32.4	102	30.2	98.2	29.1	95.0	28.0	88.5	26.0
		5.0	4.1	115	33.1	108	31.0	102	28.9	98.2	27.9	95.0	26.9	88.5	24.9
		7.0	6.0	115	31.8	108	29.8	102	27.8	98.2	26.8	95.0	25.9	88.5	24.0
		9.0	7.9	115	30.5	108	28.6	102	26.7	98.2	25.8	95.0	24.9	88.5	23.1
		11.0	9.8	115	29.4	108	27.6	102	25.8	98.2	24.9	95.0	24.0	88.5	22.3
13.0	11.8	115	28.3	108	26.6	102	24.8	98.2	24.0	95.0	23.2	88.5	21.5		
15.0	13.7	115	27.3	108	25.7	102	24.0	98.2	23.2	95.0	22.4	88.5	20.8		
60	690	-19.8	-20.0	75.7	38.8	75.5	39.8	75.4	40.8	75.3	41.3	75.2	41.8	75.1	42.8
		-18.8	-19.0	78.5	39.4	78.3	40.4	78.2	41.4	78.1	41.9	78.0	42.4	75.8	41.6
		-16.7	-17.0	84.0	40.6	83.8	41.5	83.7	42.4	83.6	42.9	81.4	41.7	75.8	38.3
		-14.7	-15.0	89.5	41.6	89.4	42.5	87.0	41.7	84.2	40.1	81.4	38.5	75.8	35.5
		-12.6	-13.0	95.0	42.6	92.6	41.7	87.0	38.8	84.2	37.3	81.4	35.9	75.8	33.1
		-10.5	-11.0	98.2	41.8	92.6	39.0	87.0	36.2	84.2	34.9	81.4	33.6	75.8	31.0
		-9.5	-10.0	98.2	40.4	92.6	37.7	87.0	35.1	84.2	33.8	81.4	32.5	75.8	30.0
		-8.5	-9.1	98.2	39.3	92.6	36.7	87.0	34.1	84.2	32.9	81.4	31.6	75.8	29.2
		-7.0	-7.6	98.2	37.5	92.6	35.0	87.0	32.6	84.2	31.5	81.4	30.3	75.8	28.0
		-5.0	-5.6	98.2	35.4	92.6	33.1	87.0	30.8	84.2	29.7	81.4	28.7	75.8	26.5
		-3.0	-3.7	98.2	33.6	92.6	31.4	87.0	29.3	84.2	28.3	81.4	27.3	75.8	25.3
		0.0	-0.7	98.2	31.1	92.6	29.2	87.0	27.2	84.2	26.3	81.4	25.4	75.8	23.5
		3.0	2.2	98.2	29.1	92.6	27.3	87.0	25.5	84.2	24.6	81.4	23.8	75.8	22.1
		5.0	4.1	98.2	27.9	92.6	26.2	87.0	24.5	84.2	23.7	81.4	22.8	75.8	21.2
		7.0	6.0	98.2	26.8	92.6	25.2	87.0	23.6	84.2	22.8	81.4	22.0	75.8	20.5
		9.0	7.9	98.2	25.8	92.6	24.2	87.0	22.7	84.2	22.0	81.4	21.2	75.8	19.8
		11.0	9.8	98.2	24.9	92.6	23.4	87.0	21.9	84.2	21.2	81.4	20.5	75.8	19.1
13.0	11.8	98.2	24.0	92.6	22.6	87.0	21.2	84.2	20.5	81.4	19.8	75.8	18.5		
15.0	13.7	98.2	23.2	92.6	21.8	87.0	20.5	84.2	19.8	81.4	19.2	75.8	17.9		

3

3 Capacity tables

3-2 Heating capacity

3-2-20 46HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB													
				16.0		18.0		20.0		21.0		22.0		24.0			
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
50	575	°CDB	°CWB														
		-19.8	-20.0	75.3	41.8	75.1	42.6	72.5	41.2	70.2	39.7	67.8	38.1	63.2	35.1		
		-18.8	-19.0	78.0	42.3	77.2	42.5	72.5	39.5	70.2	38.0	67.8	36.5	63.2	33.6		
		-16.7	-17.0	81.8	41.9	77.2	39.1	72.5	36.3	70.2	35.0	67.8	33.7	63.2	31.1		
		-14.7	-15.0	81.8	38.8	77.2	36.2	72.5	33.7	70.2	32.5	67.8	31.3	63.2	28.9		
		-12.6	-13.0	81.8	36.1	77.2	33.7	72.5	31.4	70.2	30.3	67.8	29.2	63.2	27.0		
		-10.5	-11.0	81.8	33.8	77.2	31.6	72.5	29.5	70.2	28.4	67.8	27.4	63.2	25.4		
		-9.5	-10.0	81.8	32.7	77.2	30.6	72.5	28.6	70.2	27.6	67.8	26.6	63.2	24.6		
		-8.5	-9.1	81.8	31.8	77.2	29.8	72.5	27.8	70.2	26.9	67.8	25.9	63.2	24.0		
		-7.0	-7.6	81.8	30.5	77.2	28.5	72.5	26.7	70.2	25.8	67.8	24.8	63.2	23.1		
		-5.0	-5.6	81.8	28.8	77.2	27.0	72.5	25.3	70.2	24.4	67.8	23.6	63.2	21.9		
		-3.0	-3.7	81.8	27.4	77.2	25.7	72.5	24.1	70.2	23.3	67.8	22.5	63.2	20.9		
		0.0	-0.7	81.8	25.5	77.2	24.0	72.5	22.5	70.2	21.7	67.8	21.0	63.2	19.5		
		3.0	2.2	81.8	23.9	77.2	22.5	72.5	21.1	70.2	20.4	67.8	19.7	63.2	18.4		
		5.0	4.1	81.8	23.0	77.2	21.6	72.5	20.3	70.2	19.6	67.8	19.0	63.2	17.7		
		7.0	6.0	81.8	22.1	77.2	20.8	72.5	19.6	70.2	18.9	67.8	18.3	63.2	17.1		
		9.0	7.9	81.8	21.3	77.2	20.1	72.5	18.9	70.2	18.3	67.8	17.7	63.2	16.6		
		11.0	9.8	81.8	20.6	77.2	19.4	72.5	18.3	70.2	17.7	67.8	17.1	63.2	16.0		
13.0	11.8	81.8	19.9	77.2	18.8	72.5	17.7	70.2	17.1	67.8	16.6	63.2	15.5				
15.0	13.7	81.8	19.3	77.2	18.2	72.5	17.1	70.2	16.6	67.8	16.1	63.2	15.1				

NOTE

- 1 [] is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by [].

3 Capacity tables

3-2 Heating capacity

3-2-21 48HP

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50	600	-19.8	-20.0	75.9	41.2	75.7	42.0	75.0	42.4	72.6	40.8	70.2	39.2	65.4	36.1
		-18.8	-19.0	78.7	41.7	78.5	42.6	75.0	40.6	72.6	39.0	70.2	37.5	65.4	34.6
		-16.7	-17.0	84.2	42.7	79.8	40.2	75.0	37.4	72.6	36.0	70.2	34.6	65.4	31.9
		-14.7	-15.0	84.6	39.8	79.8	37.2	75.0	34.6	72.6	33.4	70.2	32.1	65.4	29.7
		-12.6	-13.0	84.6	37.1	79.8	34.7	75.0	32.3	72.6	31.1	70.2	30.0	65.4	27.8
		-10.5	-11.0	84.6	34.7	79.8	32.5	75.0	30.3	72.6	29.2	70.2	28.2	65.4	26.1
		-9.5	-10.0	84.6	33.6	79.8	31.5	75.0	29.4	72.6	28.3	70.2	27.3	65.4	25.3
		-8.5	-9.1	84.6	32.7	79.8	30.6	75.0	28.6	72.6	27.6	70.2	26.6	65.4	24.7
		-7.0	-7.6	84.6	31.3	79.8	29.3	75.0	27.4	72.6	26.5	70.2	25.5	65.4	23.7
		-5.0	-5.6	84.6	29.6	79.8	27.8	75.0	26.0	72.6	25.1	70.2	24.2	65.4	22.5
		-3.0	-3.7	84.6	28.2	79.8	26.5	75.0	24.8	72.6	23.9	70.2	23.1	65.4	21.5
		0.0	-0.7	84.6	26.2	79.8	24.6	75.0	23.1	72.6	22.3	70.2	21.6	65.4	20.1
		3.0	2.2	84.6	24.6	79.8	23.1	75.0	21.7	72.6	21.0	70.2	20.3	65.4	18.9
		5.0	4.1	84.6	23.6	79.8	22.2	75.0	20.9	72.6	20.2	70.2	19.5	65.4	18.2
		7.0	6.0	84.6	22.7	79.8	21.4	75.0	20.1	72.6	19.5	70.2	18.8	65.4	17.6
		9.0	7.9	84.6	21.9	79.8	20.7	75.0	19.4	72.6	18.8	70.2	18.2	65.4	17.0
		11.0	9.8	84.6	21.2	79.8	20.0	75.0	18.8	72.6	18.2	70.2	17.6	65.4	16.5
13.0	11.8	84.6	20.5	79.8	19.3	75.0	18.2	72.6	17.6	70.2	17.1	65.4	16.0		
15.0	13.7	84.6	19.8	79.8	18.7	75.0	17.6	72.6	17.1	70.2	16.5	65.4	15.5		

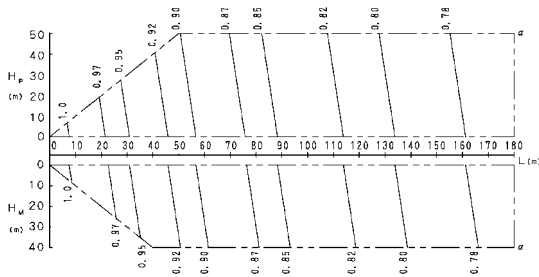
NOTE

1 ■ is shown as reference
When selecting the unit models, avoid the Outdoor air temperature range shown by ■.

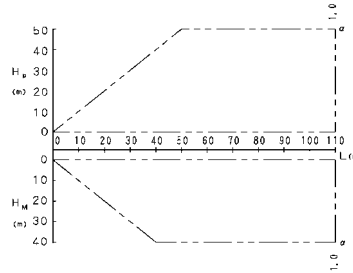
4 Capacity correction ratio

4-1 REYQ8,22M

- Rate of change in cooling capacity



- Rate of change in heating capacity



3D042141

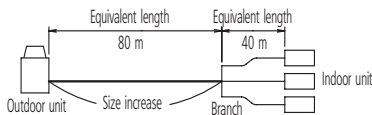
NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
 $\text{cooling / heating capacity} = \text{cooling / heating capacity obtained from performance characteristics table} \times \text{each capacity rate of change}$
 When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
 $\text{cooling / heating capacity} = \text{cooling / heating capacity of each unit} \times \text{capacity rate of change for each piping length}$
- When overall equivalent pipe length is 90m or more, the diameter of the main gas pipes (outdoor unit-branch sections) must be increased.

Model	Liquid
REYQ8M	ø 12.7
REYQ22M	ø 19.1

- When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
 $\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$

Example



In the above case (Heating)

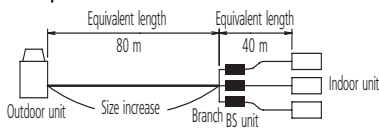
$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 1.0

- In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.

$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$

Example



In the above case (Cooling)

$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 0.86

EXPLANATION OF SYMBOLS

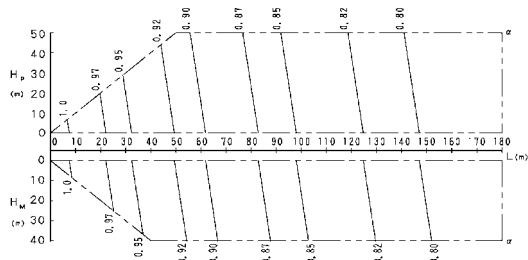
- H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
- H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
- L : Equivalent pipe length (m)
- α : Capacity correction factor

Model	liquid
REYQ8M	ø 9.5
REYQ22M	ø 15.9

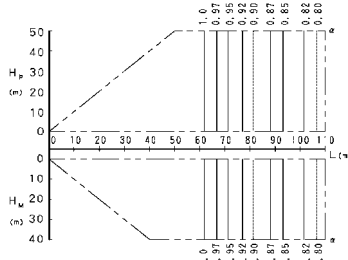
4 Capacity correction ratio

4-2 REYQ10M

• Rate of change in cooling capacity



• Rate of change in heating capacity



3D042142

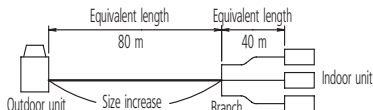
NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
 $\text{cooling / heating capacity} = \text{cooling / heating capacity obtained from performance characteristics table} \times \text{each capacity rate of change}$
 When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
 $\text{cooling / heating capacity} = \text{cooling / heating capacity of each unit} \times \text{capacity rate of change for each piping length}$
- When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.

Model	liquid
REYQ10M	ø 12.7

- When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
 $\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$

Example



In the above case (Heating)

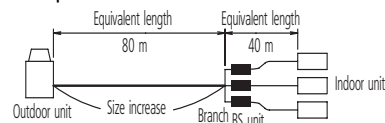
$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 0.91

- In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.

$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$

Example



In the above case (Cooling)

$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 0.88

EXPLANATION OF SYMBOLS

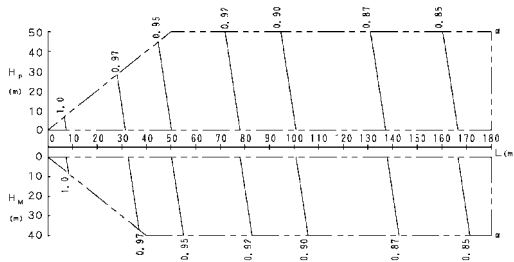
- H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
- H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
- L : Equivalent pipe length (m)
- α : Capacity correction factor

Model	liquid
REYQ10M	ø 9.5

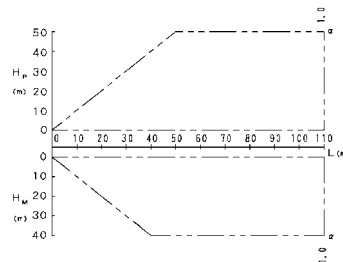
4 Capacity correction ratio

4-3 REYQ12,14,24,36M

- Rate of change in cooling capacity



- Rate of change in heating capacity



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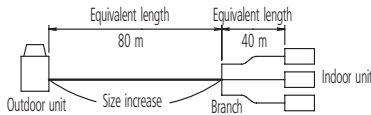
NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length
- When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.

Model	liquid
REYQ12,14M	ø 15.9
REYQ24M	ø 19.1
REYQ36M	ø 22.2

- When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching

Example



In the above case (Heating)

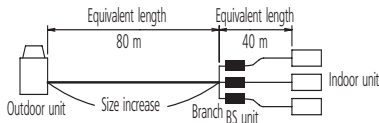
$$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 1.0

- In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.

$$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$$

Example



In the above case (Cooling)

$$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 0.92

EXPLANATION OF SYMBOLS

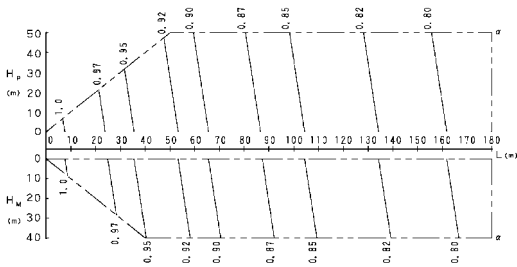
- H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
 H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
 L : Equivalent pipe length (m)
 α : Capacity correction factor

Model	liquid
REYQ12,14M	ø 12.7
REYQ24M	ø 15.9
REYQ36M	ø 19.1

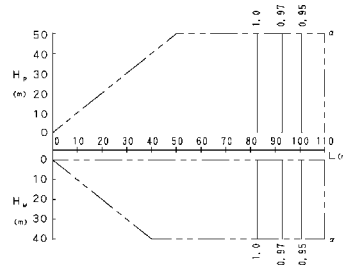
4 Capacity correction ratio

4-4 REYQ16M

• Rate of change in cooling capacity



• Rate of change in heating capacity



3D042144

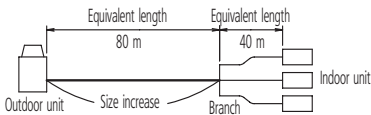
NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
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 When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
 $\text{cooling / heating capacity} = \text{cooling / heating capacity of each unit} \times \text{capacity rate of change for each piping length}$
- When overall equivalent pipe length is 90m or more, the diameter of the main liquid pipes (outdoor unit-branch sections) must be increased.

Model	liquid
REYQ16M	ø 15.9

- When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
 $\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$

Example



In the above case (Heating)

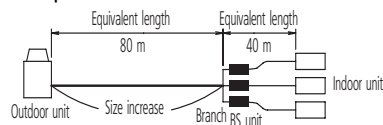
$$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 1.0

- In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.

$$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$$

Example



In the above case (Cooling)

$$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 0.88

EXPLANATION OF SYMBOLS

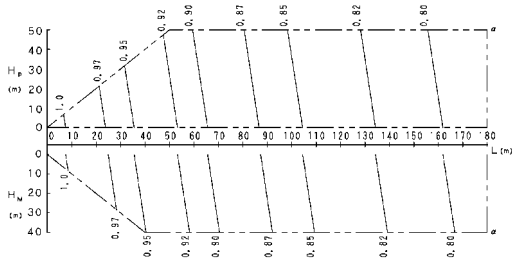
- H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
- H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
- L : Equivalent pipe length (m)
- α : Capacity correction factor

Model	liquid
REYQ16M	ø 12.7

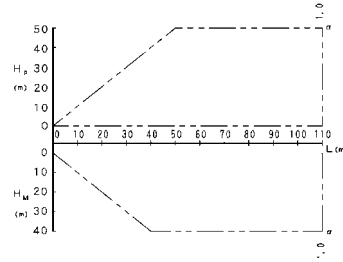
4 Capacity correction ratio

4-5 REYQ18,26,28,30,38,40,42,44M

- Rate of change in cooling capacity



- Rate of change in heating capacity



3D042145

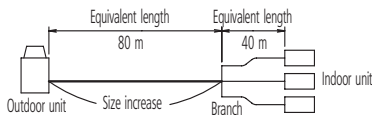
NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
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 $\text{cooling / heating capacity} = \text{cooling / heating capacity of each unit} \times \text{capacity rate of change for each piping length}$
- When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.

Model	liquid
REYQ18M	ø 19.1
REYQ26,28,30,38,40,42,44M	ø 22.2

- When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
 $\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$

Example



In the above case (Heating)

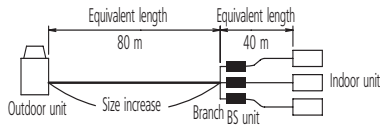
$$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 1.0

- In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.

$$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$$

Example



In the above case (Cooling)

$$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 0.88

EXPLANATION OF SYMBOLS

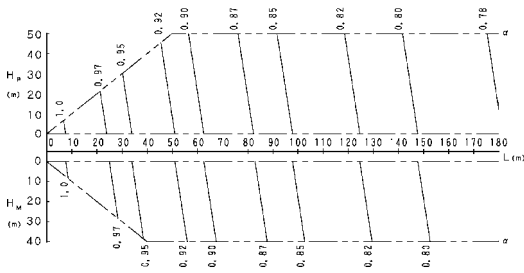
- H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
 H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
 L : Equivalent pipe length (m)
 α : Capacity correction factor

Model	liquid
REYQ18M	ø 15.9
REYQ26,28,30,38,40,42,44M	ø 19.1

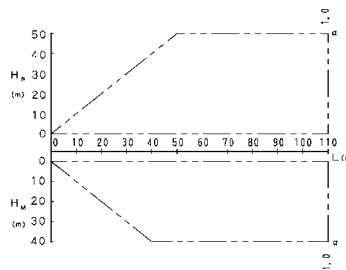
4 Capacity correction ratio

4-6 REYQ20,32,34,46M

• Rate of change in cooling capacity



• Rate of change in heating capacity



3D042146

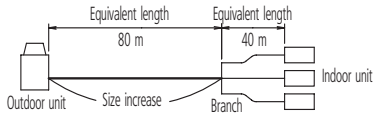
NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
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 When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
 $\text{cooling / heating capacity} = \text{cooling / heating capacity of each unit} \times \text{capacity rate of change for each piping length}$
- When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.

Model	liquid
REYQ20M	ø 19.1
REYQ32,34,46M	ø 22.2

- When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
 $\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$

Example



In the above case (Heating)

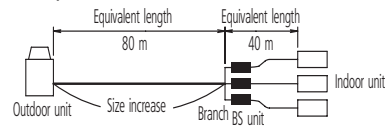
$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 1.0

- In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.

$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$

Example



In the above case (Cooling)

$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$

The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 0.87

EXPLANATION OF SYMBOLS

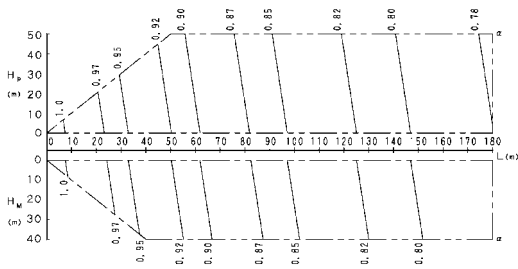
- H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
- H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
- L : Equivalent pipe length (m)
- α : Capacity correction factor

Model	liquid
REYQ20M	ø 15.9
REYQ32,34,46M	ø 19.1

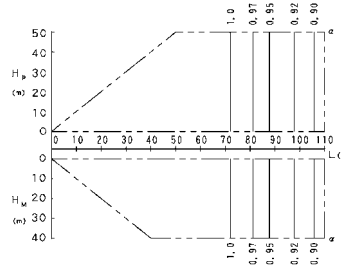
4 Capacity correction ratio

4-7 REYQ48M

- Rate of change in cooling capacity



- Rate of change in heating capacity



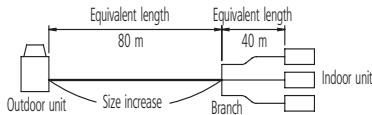
3D042147

NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
 $\text{cooling / heating capacity} = \text{cooling / heating capacity obtained from performance characteristics table} \times \text{each capacity rate of change}$
 When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
 $\text{cooling / heating capacity} = \text{cooling / heating capacity of each unit} \times \text{capacity rate of change for each piping length}$
- When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased except for the gas pipe of REYQ46M7W1B.

Model	liquid
REYQ48M	ø 22.2

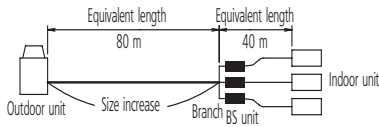
- When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
 $\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$
 Example



In the above case (Heating)
 $\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$
 The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 0.97

- In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.

$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$
 Example



In the above case (Cooling)
 $\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$
 The correction factor in capacity when $H_p = 0\text{m}$ is thus approximately 0.87

EXPLANATION OF SYMBOLS

- H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
- H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
- L : Equivalent pipe length (m)
- α : Capacity correction factor

Model	liquid
REYQ48M	ø 19.1

5 Integrated heating capacity coefficient

- 1 The tables do not take account of the reduction in capacity when frost has accumulated or while the defrosting operation is in progress. The capacity values which take these factors into account, in other words the integrated heating capacity values, can be calculated as follows:

Formula: Integrated heating capacity = A

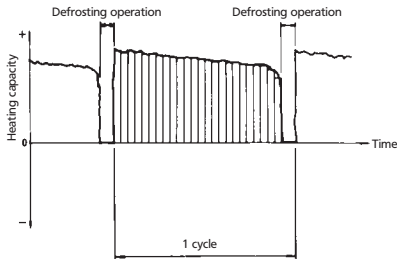
Value given in table of capacity characteristics = B

Integrating correction factor for frost accumulation (kW) = C

$A = B \times C$

- 2 Correction factor for finding integrated heating capacity

Inlet port temperature of heat exchanger (°C/RH 85%)	-7	-5	-3	0	3	5	7
Integrating correction factor for frost accumulation	0.96	0.93	0.87	0.81	0.83	0.89	1.0



NOTE

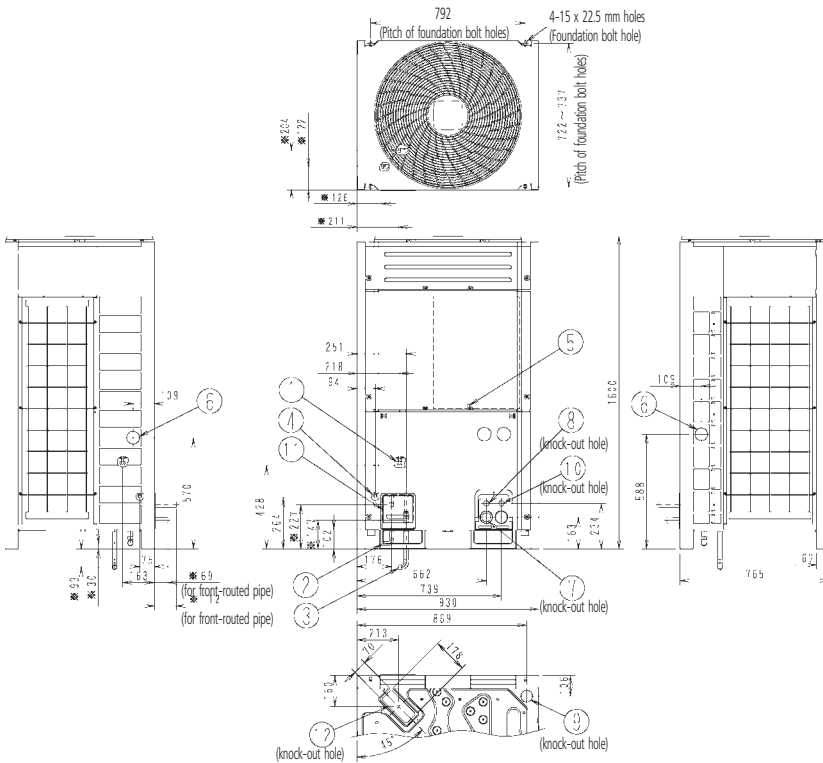
- The figure shows that the integrated heating capacity expresses the integrated heating capacity for a single cycle (from defrost operation to defrost operation) in terms of time.

- 3 Please note that when there is an accumulation of snow against the outside surface of the outdoor unit heat exchanger, there will always be a temporary reduction in capacity although this will, of course, vary in degree in accordance with a number of other factors such as the outdoor temperature (°CDB), relative humidity (RH) and the amount of frosting which occurs.

6 Dimensions

6-1 Dimensional drawings

REYQ8,10M



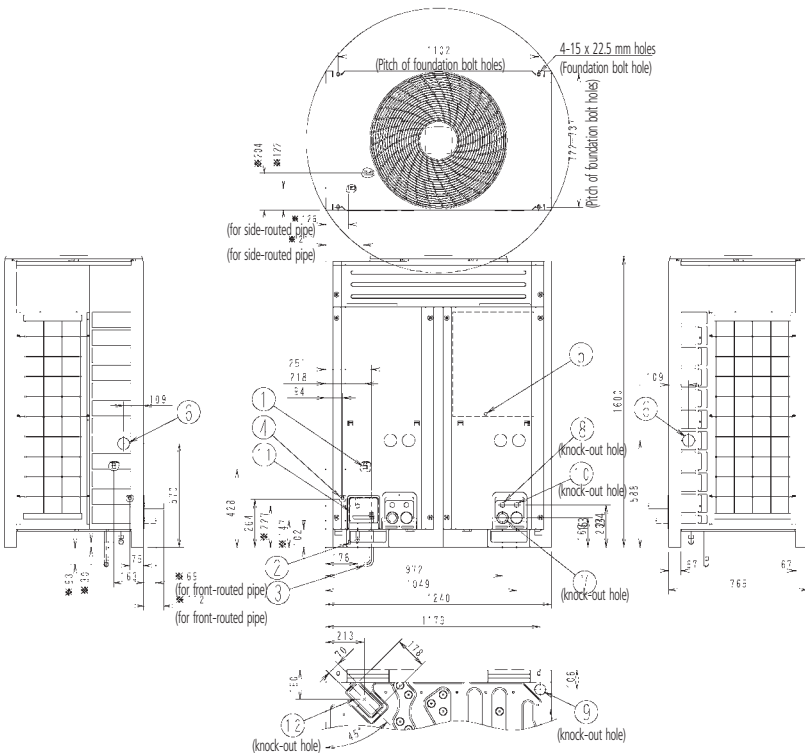
Nr	Part name	Description
1	Liquid pipe connection port	ø 9.5 Flare connection
2	Suction gas pipe connection port	See note 4.
3	Discharge gas pipe connection port	See note 5
4	Oil pipe connection port	ø 6.4 Flare connection see note 3
5	Grounding terminal	Inside of switch box (M8)
6	Power cord routing hole (side)	ø 62
7	Power cord routing hole (front)	ø 45
8	Power cord routing hole (front)	ø 27
9	Power cord routing hole (bottom)	ø 50
10	Wire routing hole (front)	ø 27
11	Pipe routing hole (front)	
12	Pipe routing hole (bottom)	See note 2.

NOTES

- The dimensions marked by an asterisk (*) are those with the installation of the provided pipes.
- Refer to the installation instructions when the pipes are routed through the bottom of the unit.
- In case of multi connection
- Suction gas pipe
ø 19.1 Brazing connection REYQ8M
ø 22.2 Brazing connection REYQ10M
- Discharge gas pipe
ø 15.9 Brazing connection REYQ8M
ø 19.1 Brazing connection REYQ10M

3D039585A

REYQ12,14,16M



Nr	Part name	Description
1	Liquid pipe connection port	ø 12.7 Flare connection
2	Suction gas pipe connection port	See note 4.
3	Discharge gas pipe connection port	See note 5.
4	Oil pipe connection port	ø 6.4 Flare connection See note 3.
5	Grounding terminal	inside of switch box (M8)
6	Power cord routing hole (side)	ø 62
7	Power cord routing hole (front)	ø 45
8	Power cord routing hole (front)	ø 27
9	Power cord routing hole (bottom)	ø 50
10	Wire routing hole (front)	ø 27
11	Pipe routing hole (front)	
12	Pipe routing hole (bottom)	See note 2.

NOTES

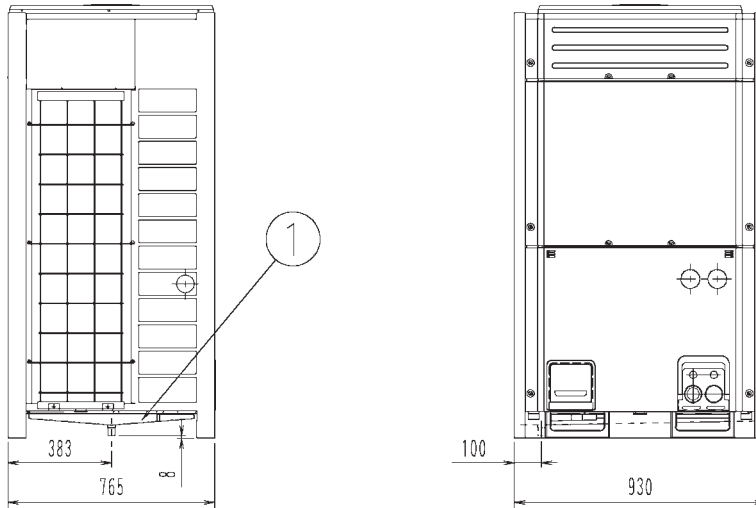
- The dimensions marked by an asterisk (*) are those with the installation of the provided pipes.
- Refer to the installation instructions when the pipes are routed through the bottom of the unit.
- In case of multi connection.
- Suction gas pipe
ø 28.6 Brazing connection - REYQ12,14,16M
- Discharge gas pipe
ø 19.1 Brazing connection - REYQ12M
ø 22.2 Brazing connection - REYQ14,16M

3D039586A

6 Dimensions

6-2 Dimensional drawings with central drain pan kit

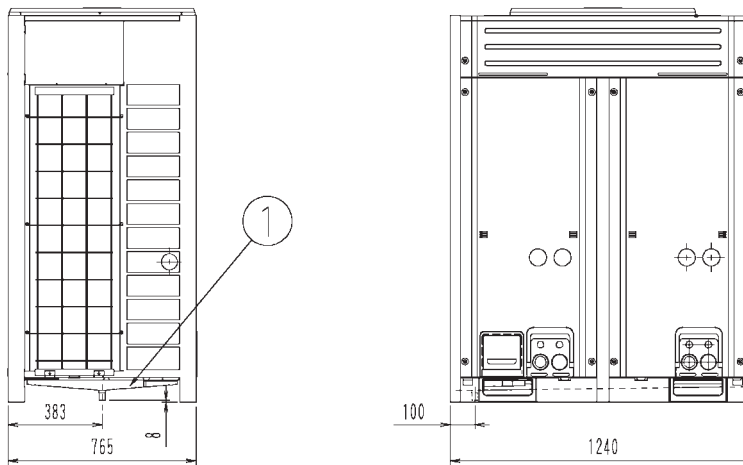
REYQ8,10M



Nr	Part name	Description
1	Central drain pan kit	KWC268280

3D041017A

REYQ12,14,16M



Nr	Part name	Description
1	Central drain pan kit	KWC268450

3D041018A

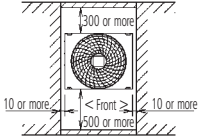
6 Dimensions

6-3 Installation service space

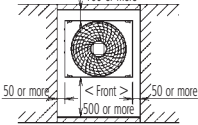
REYQ-M

For single unit installation

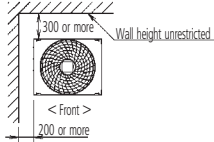
< Pattern 1 >



< Pattern 2 >

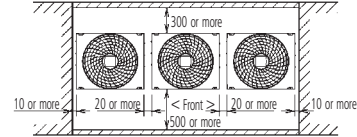


< Pattern 3 >

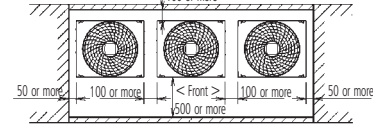


For installation in rows

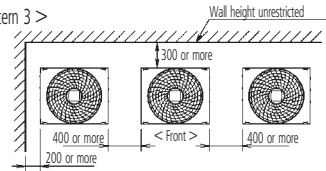
< Pattern 1 >



< Pattern 2 >

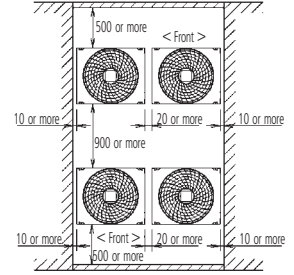
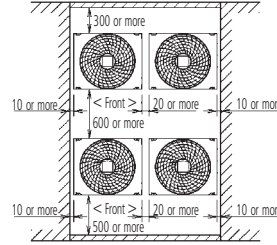


< Pattern 3 >

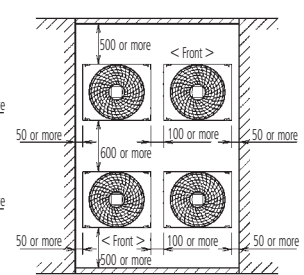
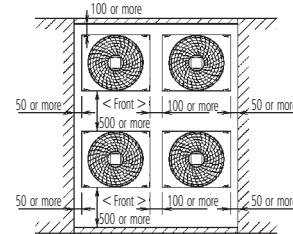


For centralized group layout

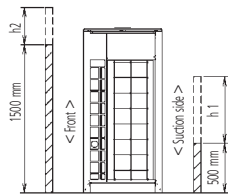
< Pattern 1 >



< Pattern 2 >



< Unit : mm >



NOTES

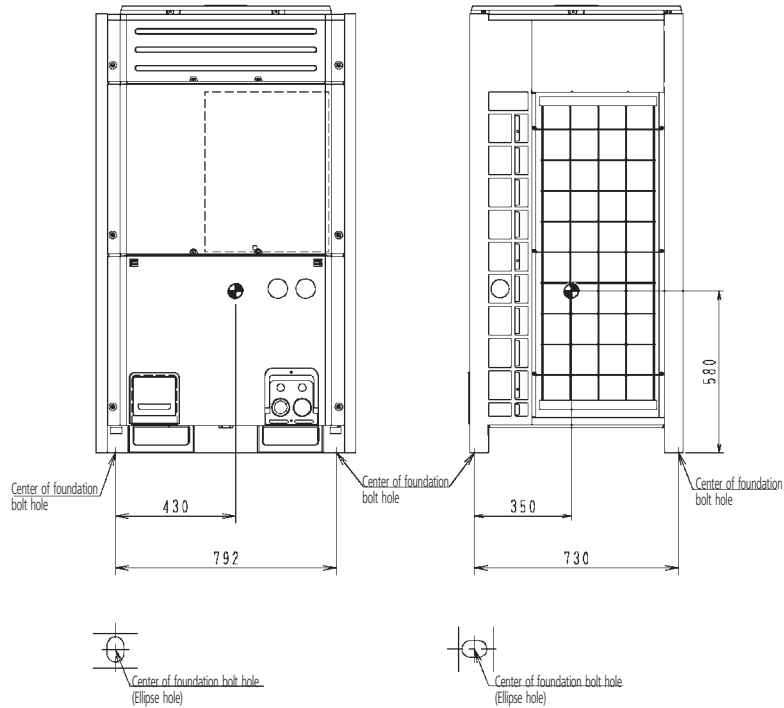
- 1 Wall height in case of patterns 1 and 2:
Front: 1,500mm
Suction side: 500mm
Side: Height unrestricted
- 2 If the above wall heights are exceeded then h1/2 and h2/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.
- 3 When installing the units the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough room for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are accounted for in the above patterns your layout should take account of the possibility of short circuits.)
- 4 The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

3D040335A

6 Dimensions

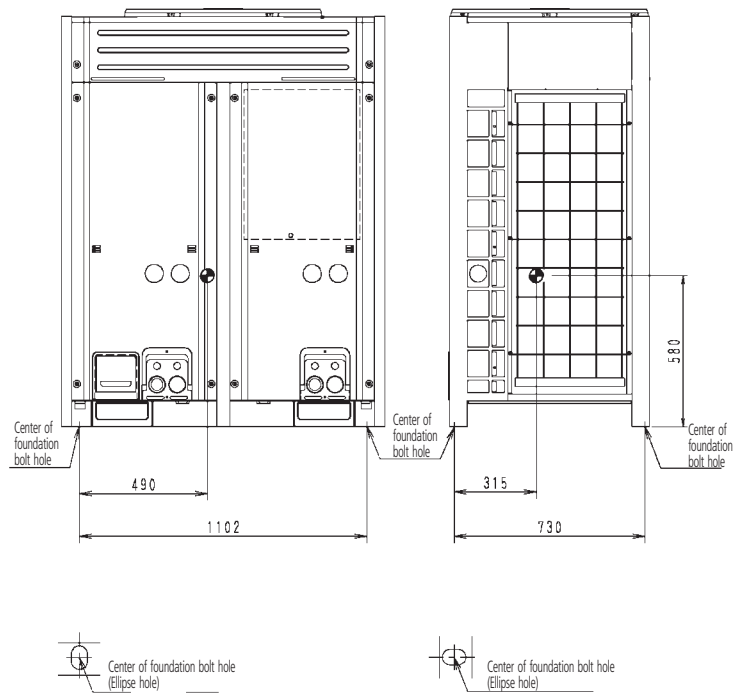
6-4 Centre of gravity

REYQ8,10M



4D042498

REYQ12M

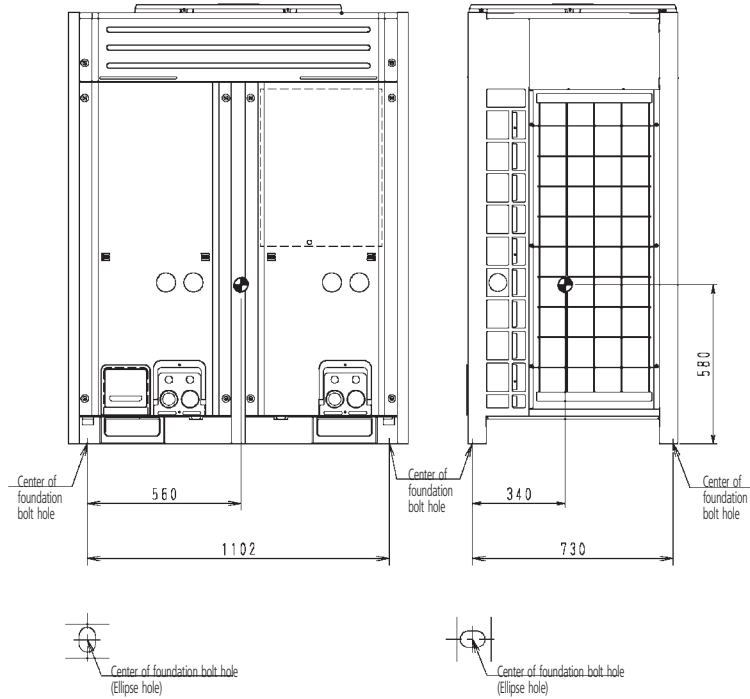


4D042499

6 Dimensions

6-4 Centre of gravity

REYQ14,16M

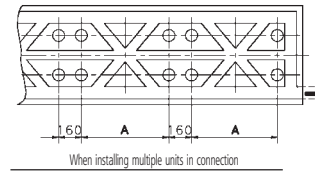
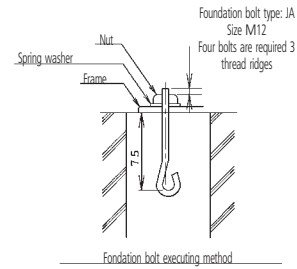
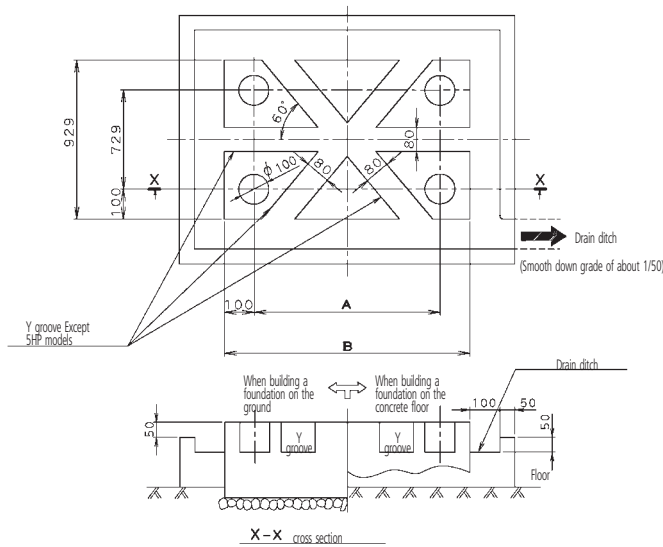


4D042500

6 Dimensions

6-5 Foundation drawing

REYQ-M



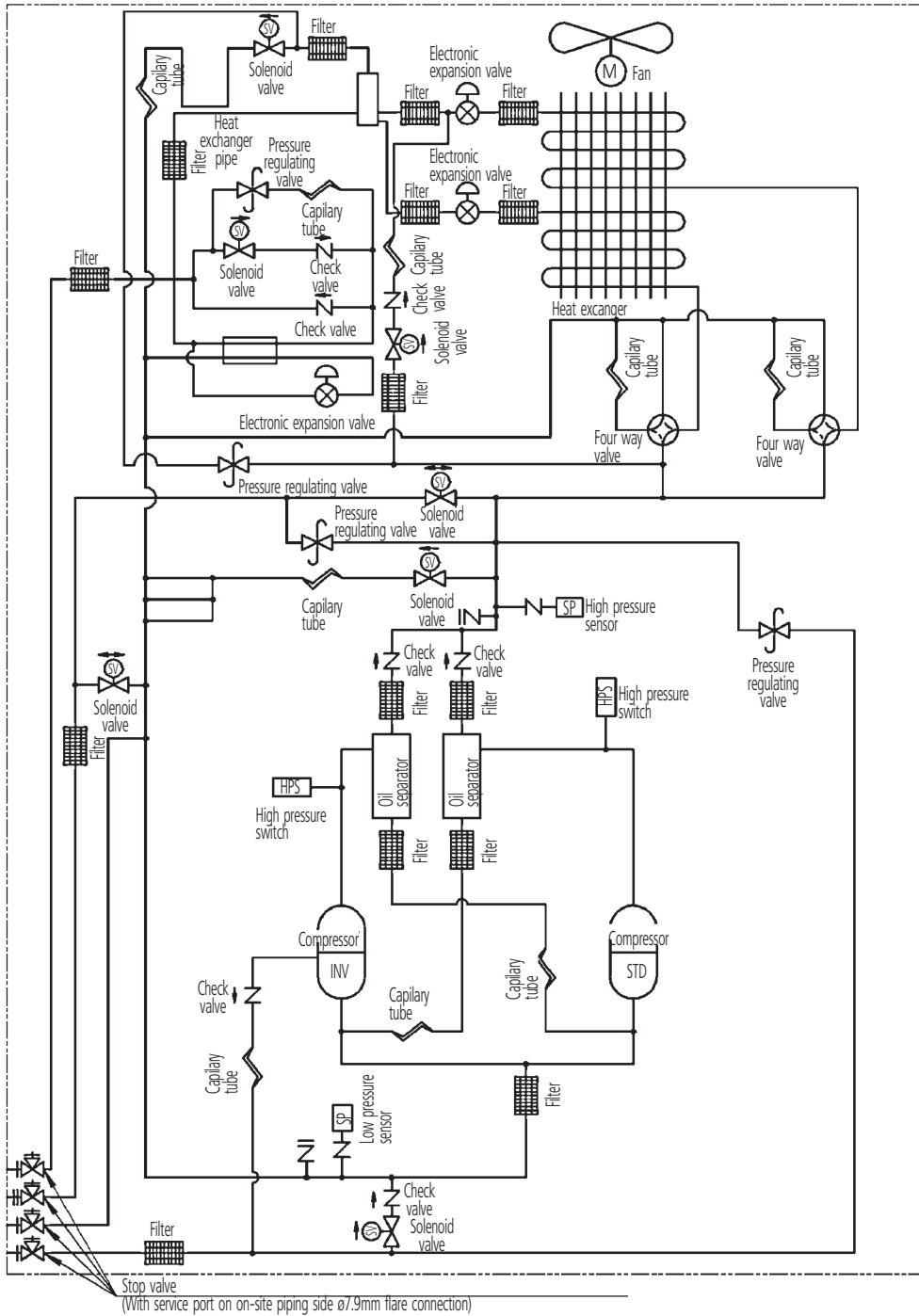
NOTES

- 1 The proportions of cement, sand, gravel for concrete shall be 1:2:4 and the reinforcement bars, with diameter 10mm, (approx. 300mm intervals) shall be placed.
- 2 The surface has to be finished with mortar, The corner edges have to be chamfered.
- 3 When the foundation is built on a concrete floor, rubble is not necessary. However, the surface of the section on which the foundation is built has to have rough finish.
- 4 A drain ditch has to be made around the foundation to thoroughly drain water from the equipment installation area.
- 5 When installing the equipment on a roof, the floor strength has to be checked, and waterproofing measures have to be taken.

Model	A	B
8HP	792	992
10HP		
12HP	1,102	1,302
14HP		
16HP		

7 Piping diagrams

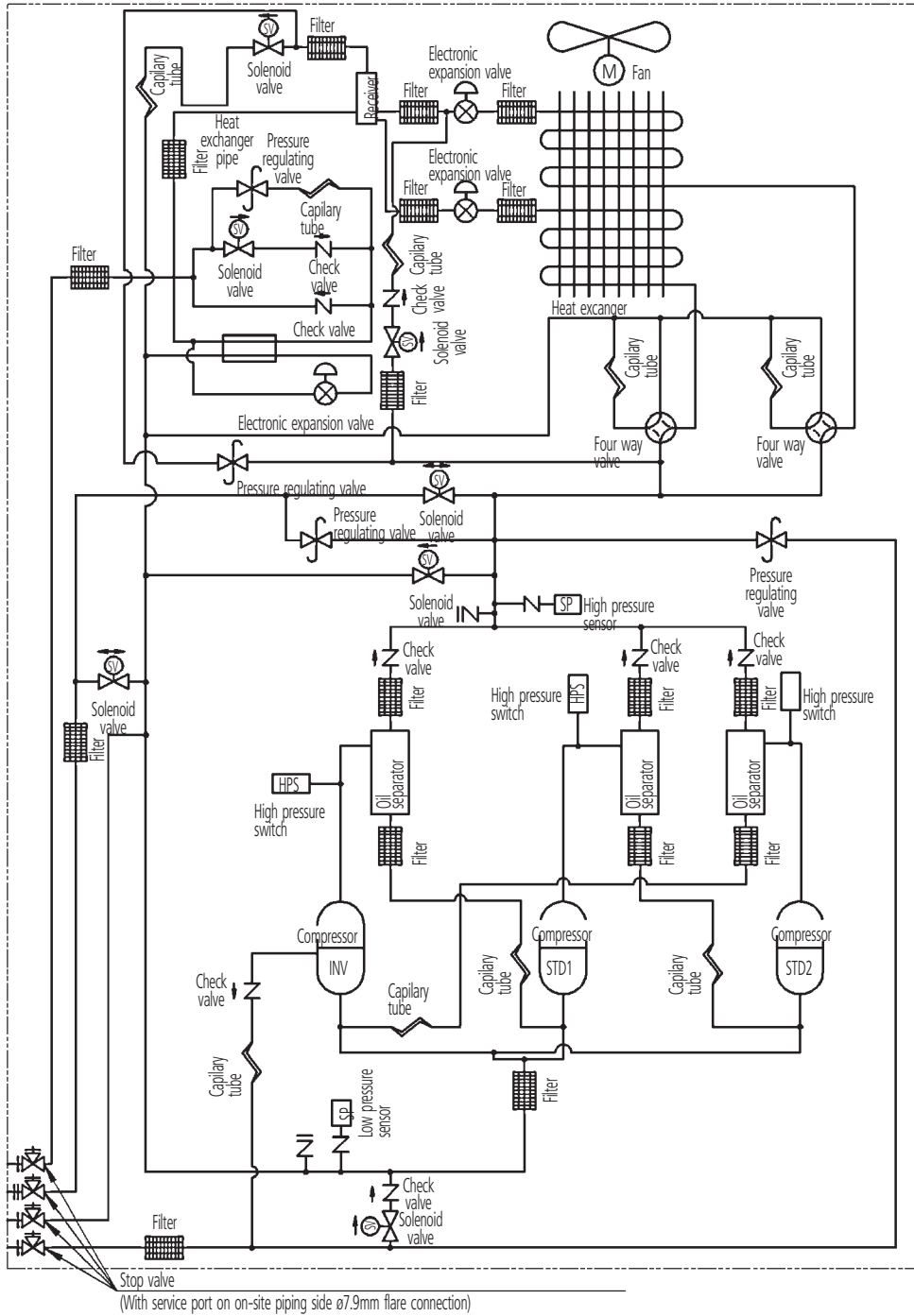
REYQ8,10,12M



4TW25935-1

7 Piping diagrams

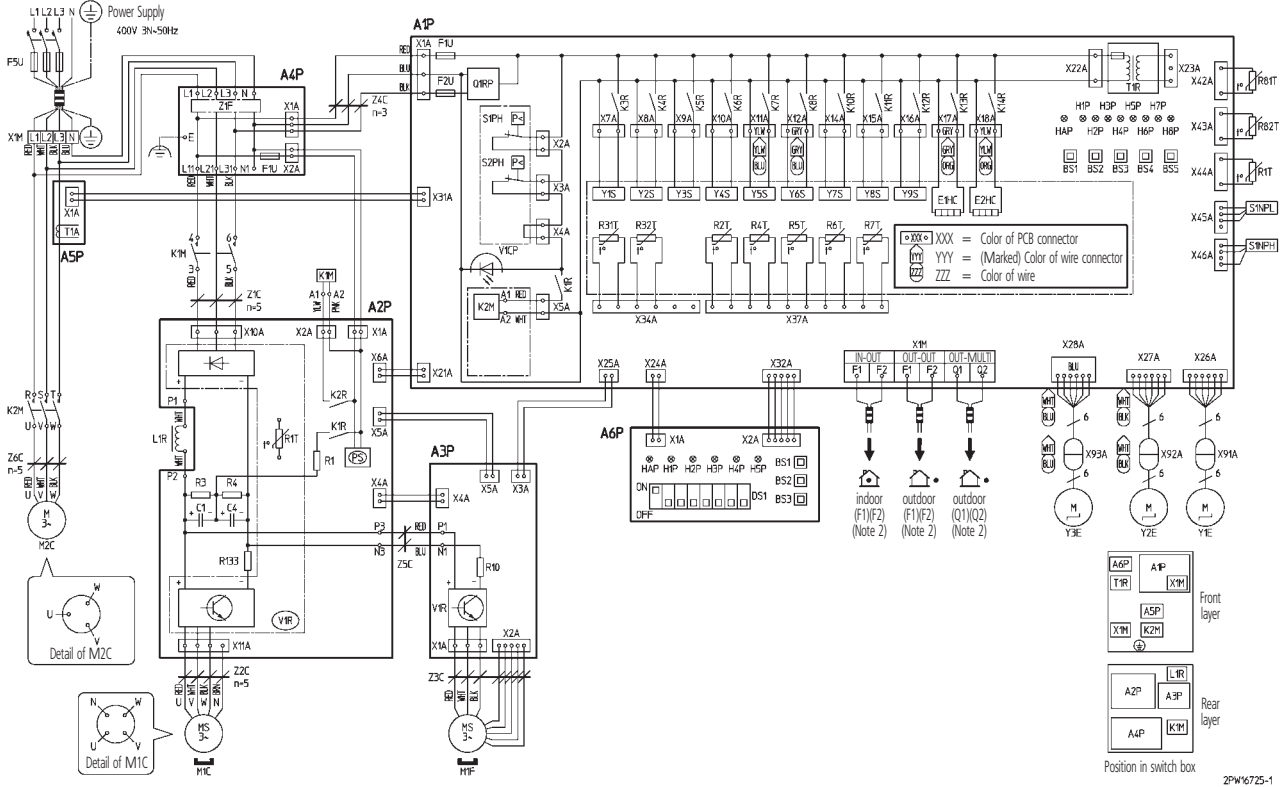
REYQ14,16M



4TW25965-1A

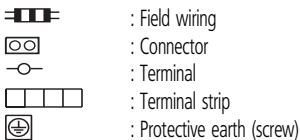
8 Wiring diagrams

REYQ8,10,12M



2P*W6725-1

L1-RED	L2-WHT	L3-BLK	N-BLUE
A1P	Printed circuit board (Main)	K4R	Magnetic relay (Y2S)
A2P	Printed circuit board (Inverter)	K5R	Magnetic relay (Y3S)
A3P	Printed circuit board (Fan motor)	K6R	Magnetic relay (Y4S)
A4P	Printed circuit board (Noise filter)	K7R	Magnetic relay (Y5S)
A5P	Printed circuit board (Current sensor)	K8R	Magnetic relay (Y6S)
A6P	Printed circuit board (Transmission)	K10R	Magnetic relay (Y7S)
B51 ~ 5	Push button switch (A1P) (Mode, Set, Return, Test, Reset)	K11R	Magnetic relay (Y8S)
B51 ~ 3	Push button switch (A6P)	K12R	Magnetic relay (Y9S)
C1, 4	Capacitor	K13R	Magnetic relay (E1HC)
DS1, 2	Dip switch	K14R	Magnetic relay (E2HC)
E1HC, 2HC	Crankcase heater	L1R	Reactor
F1U	Fuse (250V, 5A, ⓑ) (A4P)	M1C,2C	Motor (compressor)
F1U, 2U	Fuse (250V, 10A, ⓑ) (A1P)	M1F	Motor (Fan)
F5U	Field fuse	PS	Switching power supply
H1P ~ 8P	Pilot lamp (Service monitor-orange) (A1P) (H2P) Prepare, test flickering Malfunction detection light up	Q1RP	Phase reversal detect circuit
H1P ~ 5P	Pilot lamp (Service monitor-orange) (A6P)	R1	Resistor (Current limiting)
H4P	Pilot lamp (Service monitor-green) (A1P)	R10, R133	Resistor (Current sensor)
H4P	Pilot lamp (Service monitor-green) (A6P)	R3, 4	Resistor
K1M, 2M	Magnetic contactor (M1C ~ 2C)	R1T	Thermistor (Air) (A1P)
K1R	Magnetic relay (K2M) (A1P)	R1T	Thermistor (Fin) (A2P)
K1R	Magnetic relay (A2P)	R2T	Thermistor (Suction)
K2R	Magnetic relay (K1M)	R31T, 32T	Thermistor (M1C Discharge)
K3R	Magnetic relay (Y1S)	R4T	Thermistor (Heat exc, Deicer)
		R5T	Thermistor (Heat exc, Outlet)
		R6T	Thermistor (Liq. pipe receiver)
		R7T	Thermistor (Oil pipe)
		R81T, 82T	Thermistor (Heat exc, Gas)
		S1NPH	Pressure sensor (High)
		S1NPL	Pressure sensor (Low)
		S1PH, 2PH	Pressure switch (High)
		T1A	Current sensor
		T1R	Transformer (230V/20V)
		V1CP	Safety devices input
		V1R	Power module (A2P)
		V1R	Power module (A3P)
		X1M	Terminal strip (Power supply)
		X1M	Terminal strip (control) (A1P)
		X91 ~ 93A	Connector
		Y1E	Electronic expansion valve (Main)
		Y2E	Electronic expansion valve (Sub)
		Y3E	Electronic expansion valve (Subcool)
		Y1S	Solenoid valve (Hot gas)
		Y2S	Solenoid valve (Out-multi oil)
		Y3S	Solenoid valve (Receiver gas intake)
		Y4S	Solenoid valve (Receiver gas purge)
		Y5S	Solenoid valve (Discharge gas pipe)
		Y6S	Solenoid valve (Liquid pipe)
		Y7S	Solenoid valve (Gas pipe)
		Y8S	4 way valve (Main)
		Y9S	4 way valve (Sub)
		Z1C ~ 6C	Noise filter (Ferrity core)
		Z1F	Noise filter (With surge absorber)



COLORS : BLK : Black ORG : Orange
 BLU : Blue RED : Red
 BRN : Brown WHT : White
 YLW : Yellow GRN : Green

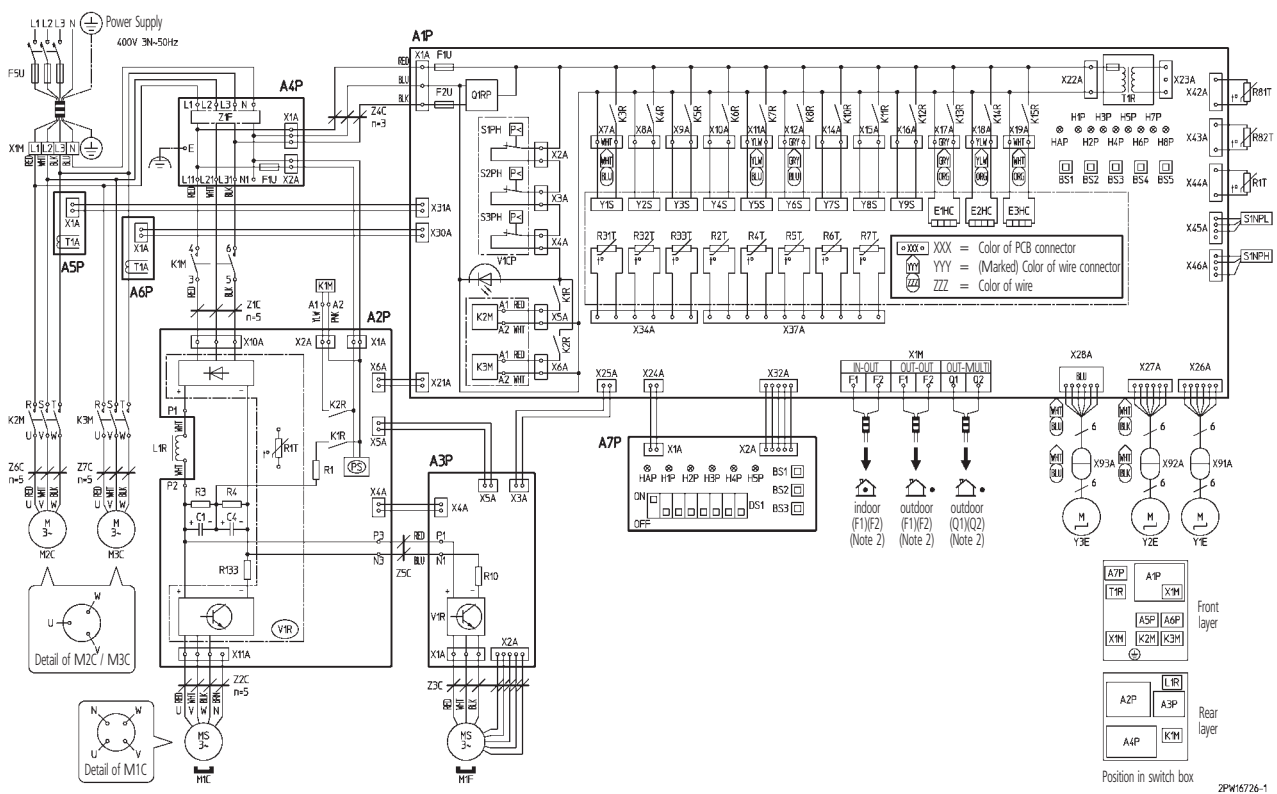
NOTES

- This wiring diagram only applies to the outdoor unit.
- Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1•F2, outdoor-outdoor transmission F1•F2, outdoor-multi transmission Q1•Q2.
- Refer to "operation caution label" (on switch box cover), how to use BS1-BS5.
- When operating, don't short circuit for protection device. (S1PH•2PH)

2PW16725

8 Wiring diagrams

REYQ14,16M



L1-RED	L2-WHT	L3-BLK	N-BLUE				
A1P	Printed circuit board (Main)			K5R	Magnetic relay (Y3S)	R81T, 82T	Thermistor (Heat exc. Gas)
A2P	Printed circuit board (Inverter)			K6R	Magnetic relay (Y4S)	S1NPH	Pressure sensor (High)
A3P	Printed circuit board (Fan motor)			K7R	Magnetic relay (Y5S)	S1NPL	Pressure sensor (Low)
A4P	Printed circuit board (Noise filter)			K8R	Magnetic relay (Y6S)	S1PH1 ~ 3PH	Pressure switch (High)
A5P, A6P	Printed circuit board (Current sensor)			K10R	Magnetic relay (Y7S)	T1A	Current sensor (A5P, A6P)
A7P	Printed circuit board (Transmission)			K11R	Magnetic relay (Y8S)	T1R	Transformer (230V/20V)
BS1 ~ 5	Push button switch (A1P) (Mode, Set, Return, Test, Reset)			K12R	Magnetic relay (Y9S)	V1CP	Safety devices input
BS1 ~ 3	Push button switch (A7P)			K13R	Magnetic relay (E1HC)	V1R	Power module (A2P)
C1, 4	Capacitor			K14R	Magnetic relay (E2HC)	V1R	Power module (A3P)
DS1	Dip switch			K15R	Magnetic relay (E3HC)	X1M	Terminal strip (Power supply)
E1HC ~ 3HC	Crankcase heater			L1R	Reactor	X1M	Terminal strip (control) (A1P)
F1U	Fuse (250V, 5A, ⓑ) (A4P)			M1C ~ 3C	Motor (compressor)	X91 ~ 93A	Connector
F1U, 2U	Fuse (250V, 10A, ⓑ) (A1P)			M1F	Motor (Fan)	Y1E	Electronic expansion valve (Main)
H1P ~ 8P	Pilot lamp (Service monitor-orange) (A1P) [H2P] Prepare, test flickering Malfunction detection ... light up			PS	Switching power supply	Y2E	Electronic expansion valve (Sub)
H1P ~ 5P	Pilot lamp (Service monitor-orange) (A7P)			Q1RP	Phase reversal detect circuit	Y3E	Electronic expansion valve (Subcool)
HAP	Pilot lamp (Service monitor-green) (A1P)			R1	Resistor (Current limiting)	Y1S	Solenoid valve (Hot gas)
HAP	Pilot lamp (Service monitor-green) (A7P)			R10, R133	Resistor (Current sensor)	Y2S	Solenoid valve (Out-multi oil)
K1M ~ 3M	Magnetic contactor (M1C, ~ 3C)			R3, 4	Resistor	Y3S	Solenoid valve (Receiver gas intake)
K1R	Magnetic relay (K2M) (A1P)			R1T	Thermistor (Air) (A1P)	Y4S	Solenoid valve (Receiver gas purge)
K1R	Magnetic relay (A2P)			R1T	Thermistor (Fin) (A2P)	Y5S	Solenoid valve (Discharge gas pipe)
K2R	Magnetic relay (K3M) (A1P)			R2T	Thermistor (Suction)	Y6S	Solenoid valve (Liquid pipe)
K2R	Magnetic relay (K1M) (A2P)			R31T ~ 33T	Thermistor (M1C ~ 3C Discharge)	Y7S	Solenoid valve (Gas pipe)
K3R	Magnetic relay (Y1S)			R4T	Thermistor (Heat exc, Deicer)	Y8S	4 way valve (Main)
K4R	Magnetic relay (Y2S)			R5T	Thermistor (Heat exc, Outlet)	Y9S	4 way valve (Sub)
				R6T	Thermistor (Liq, pipe receiver)	Z1C ~ 6C	Noise filter (Ferrite core)
				R7T	Thermistor (Oil pipe)	Z1F	Noise filter (With surge absorber)

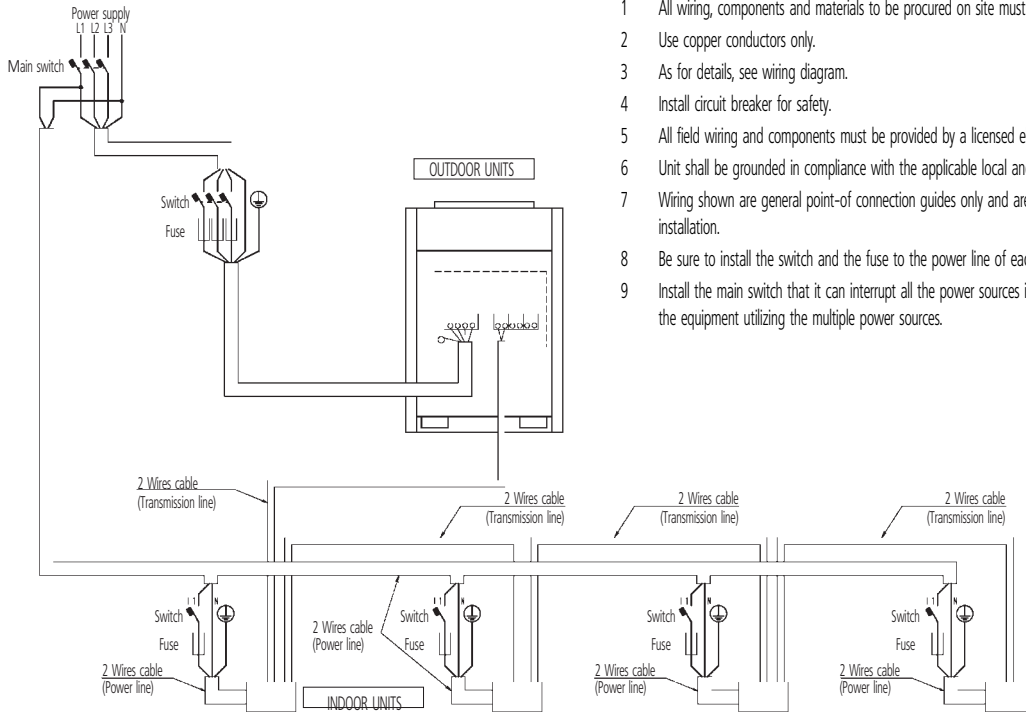
- ⓐ : Connector
 - : Terminal
 - : Terminal strip
 - Ⓧ : Protective earth (screw)
- COLORS : BLK : Black ORG : Orange
 BLU : Blue RED : Red
 BRN : Brown WHT : White
 YLW : Yellow GRN : Green

NOTES

- 1 This wiring diagram only applies to the outdoor unit,
- 2 Refer to the installation manual, for connection wiring to indoor-outdoor
Transmission F1•F2, outdoor-outdoor transmission F1•F2, outdoor-multi transmission Q1•Q2.
- 3 Refer to "operation caution label" (on switch box cover), how to use BS1-BS5 and DS1•2 switch.
- 4 When operating, don't short circuit for protection device. (S1PH-S3PH)

9 External connection diagram

REYQ8-16M

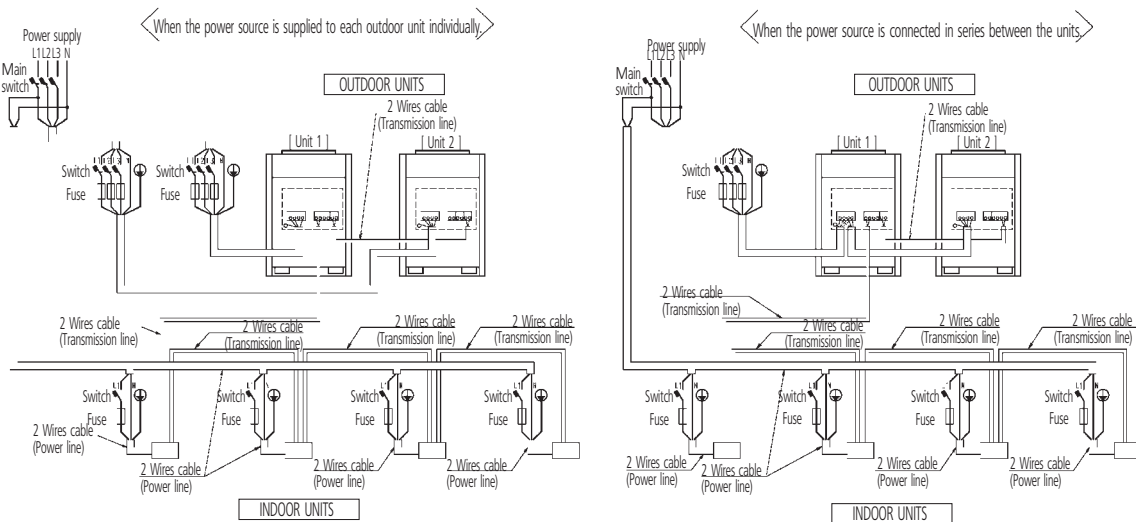


NOTES

- 1 All wiring, components and materials to be procured on site must comply with the applicable local and national codes.
- 2 Use copper conductors only.
- 3 As for details, see wiring diagram.
- 4 Install circuit breaker for safety.
- 5 All field wiring and components must be provided by a licensed electrician.
- 6 Unit shall be grounded in compliance with the applicable local and national codes.
- 7 Wiring shown are general point-of connection guides only and are not intended for or to include all details for a specific installation.
- 8 Be sure to install the switch and the fuse to the power line of each equipment.
- 9 Install the main switch that it can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.

3D040746B

REYQ18-32M



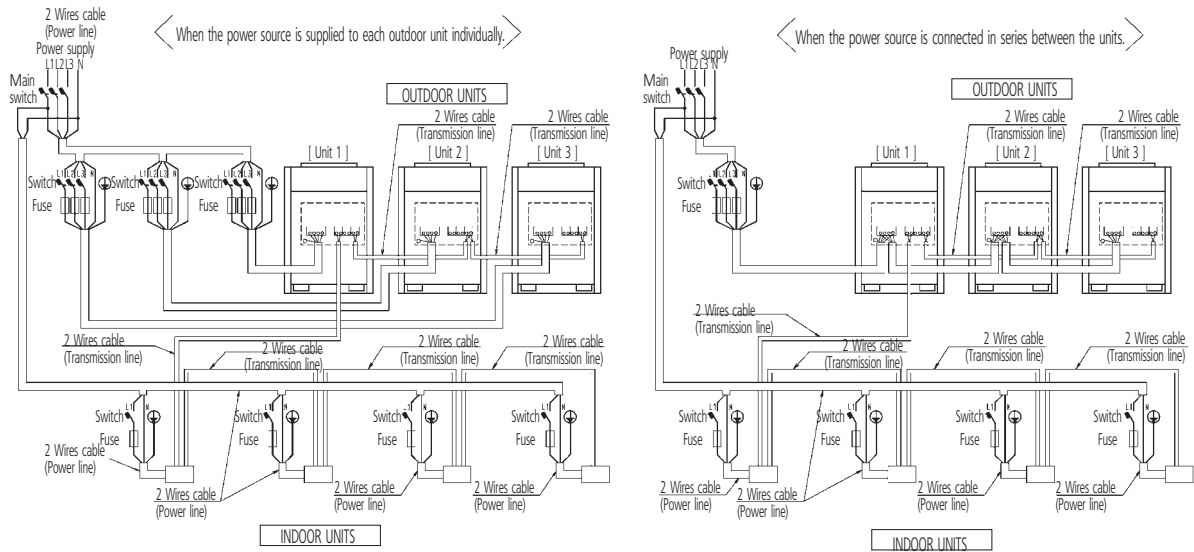
NOTES

- 1 All wiring, components and materials to be procured on site must comply with the applicable local and national codes.
- 2 Use copper conductors only.
- 3 As for details, see wiring diagram.
- 4 Install circuit breaker for safety.
- 5 All field wiring and components must be provided by a licensed electrician.
- 6 Unit shall be grounded in compliance with the applicable local and national codes.
- 7 Wiring shown are general point-of connection guides only and are not intended for or to include all details for a specific installation.
- 8 Be sure to install the switch and the fuse to the power line of each equipment.
- 9 Install the main switch that it can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
- 10 The capacity of UNIT 1 must be larger than UNIT 2, when the power source is connected in series between the units.

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9 External connection diagram

REYQ34-48M



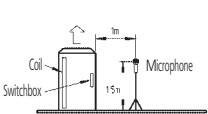
NOTES

- 1 All wiring, components and materials to be procured on site must comply with the applicable local and national codes.
- 2 Use copper conductors only.
- 3 As for details, see wiring diagram.
- 4 Install circuit breaker for safety.
- 5 All field wiring and components must be provided by a licensed electrician.
- 6 Unit shall be grounded in compliance with the applicable local and national codes.
- 7 Wiring shown are general point-of connection guides only and are not intended for or to include all details for a specific installation.
- 8 Be sure to install the switch and the fuse to the power line of each equipment.
- 9 Install the main switch that it can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
- 10 When the power source is connected in series between the units, comply with the following conditions:
The capacity of UNIT 1 must be larger than UNIT 2.
The capacity of UNIT 2 must be larger than UNIT 3.

3D040748B

10 Sound level

10-1 Sound level data

Model	Sound pressure level		Sound power level
	H	Measuring location	
REYQ8M	57		78
REYQ10M	58		78
REYQ12M	60		80
REYQ14M	60		80
REYQ16M	60		80
REYQ18M	61		81
REYQ20M	61		81
REYQ22M	62		82
REYQ24M	62		82
REYQ26M	62		82
REYQ28M	63		83
REYQ30M	63		83
REYQ32M	63		83
REYQ34M	64		84
REYQ36M	64		84
REYQ38M	64		84
REYQ40M	64		84
REYQ42M	64		84
REYQ44M	65		85
REYQ46M	65		85
REYQ48M	65		85

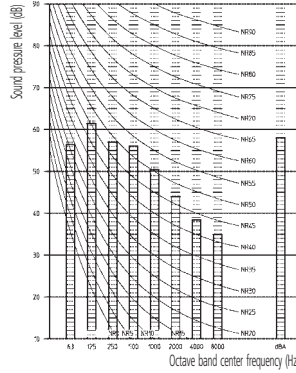
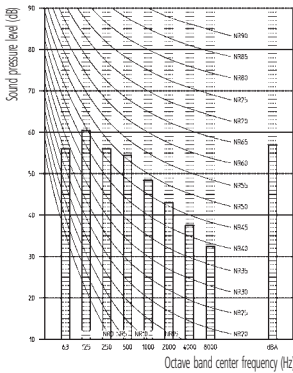
10-2 Sound pressure spectrum

○-----○ 50Hz
○-----○ 60Hz

REYQ8M7W1B

3TW25807-1 REYQ10M7W1B

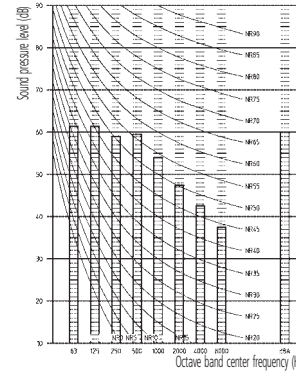
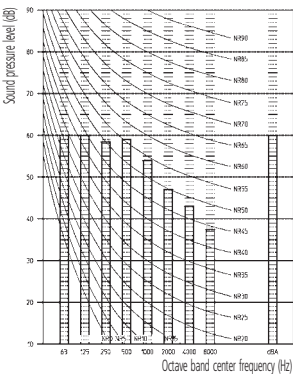
3TW25817-1



REYQ12,14M7W1B

3TW25827-1 REYQ16M7W1B

3TW25847-1

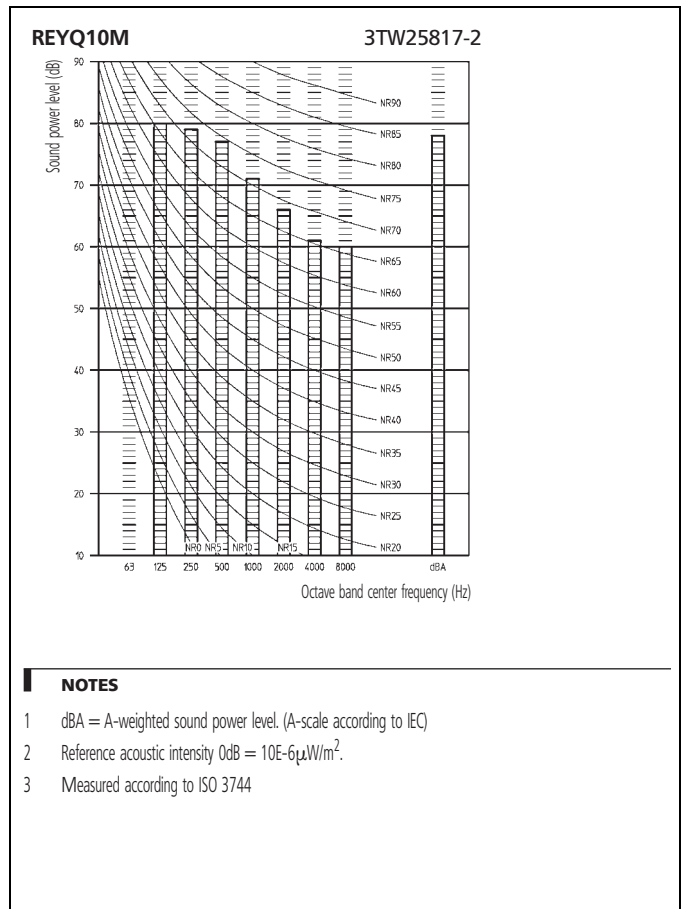
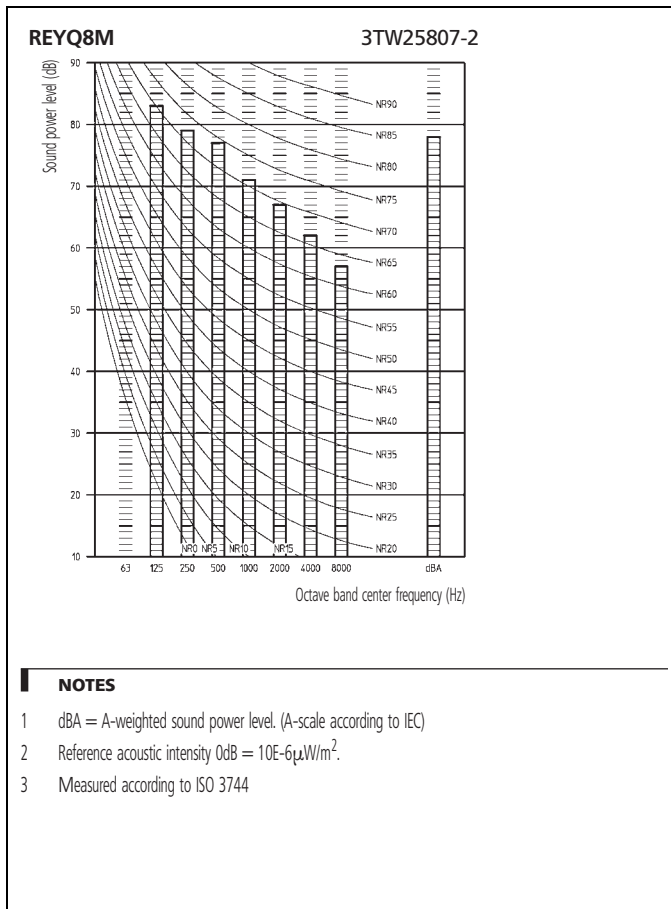


NOTES

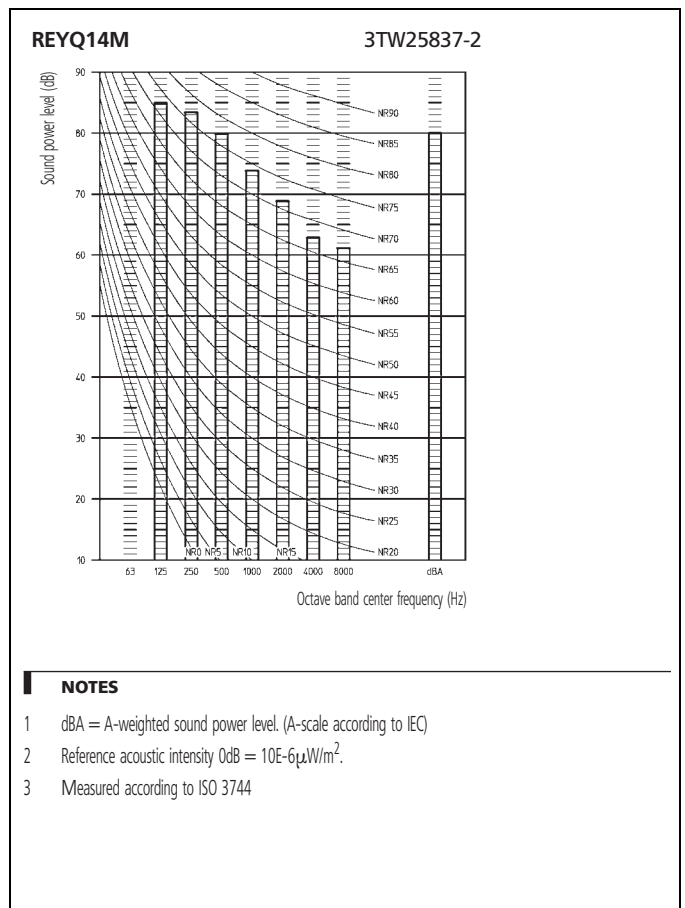
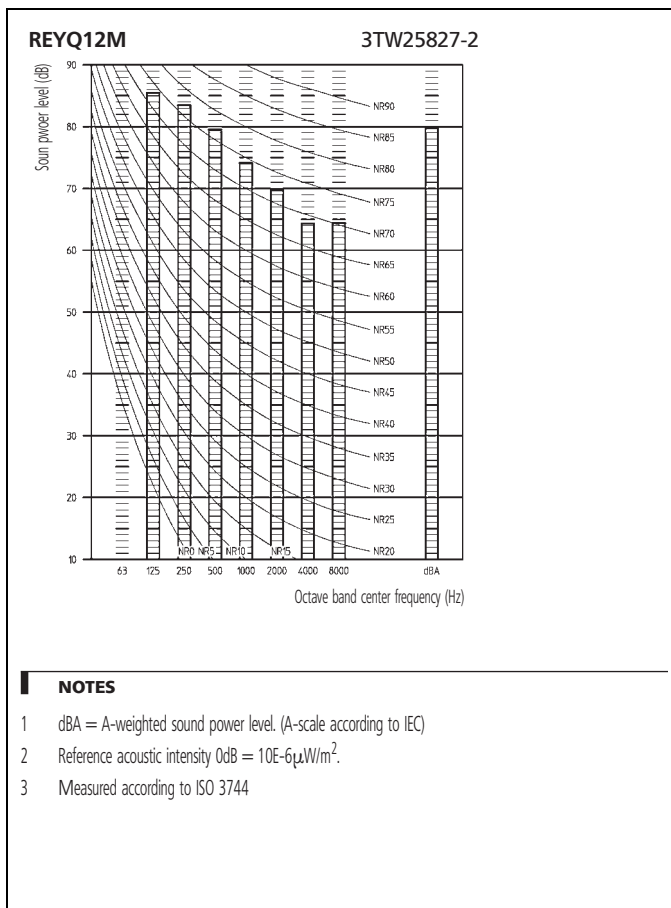
- Data is valid at free field condition (measured in a semi-anechoic room)
- dBA = A-weighted sound pressure level. (A-scale according to IEC)
- Reference acoustic pressure 0dB = 20μPa
- If sound is measured under actual installation conditions, it is normally over the set value, due to environmental noise and sound reflection.

10 Sound level

10-3 Sound power spectrum

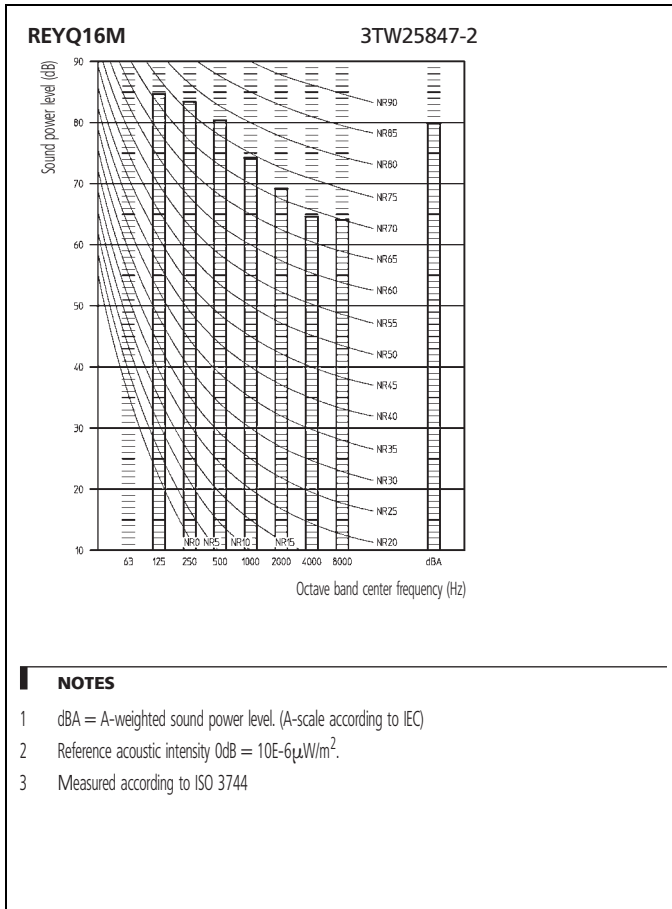


10

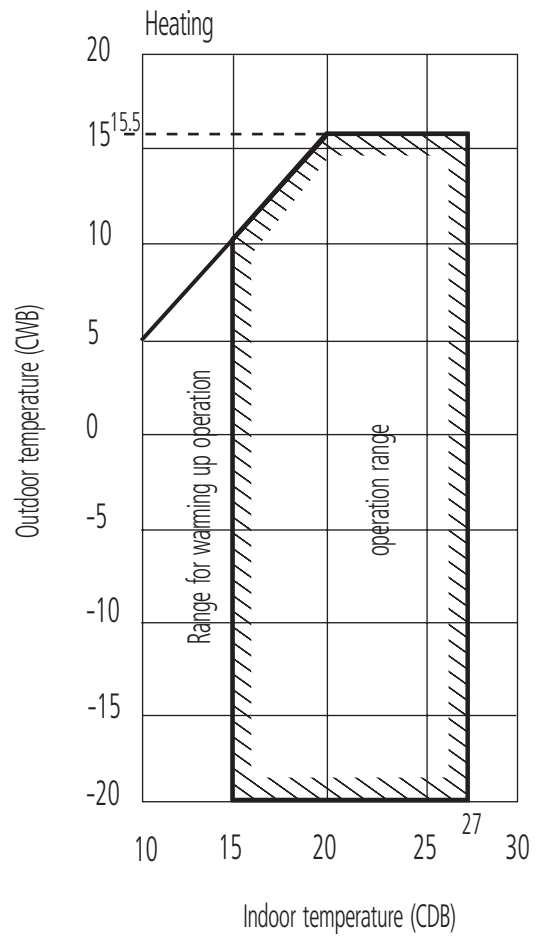
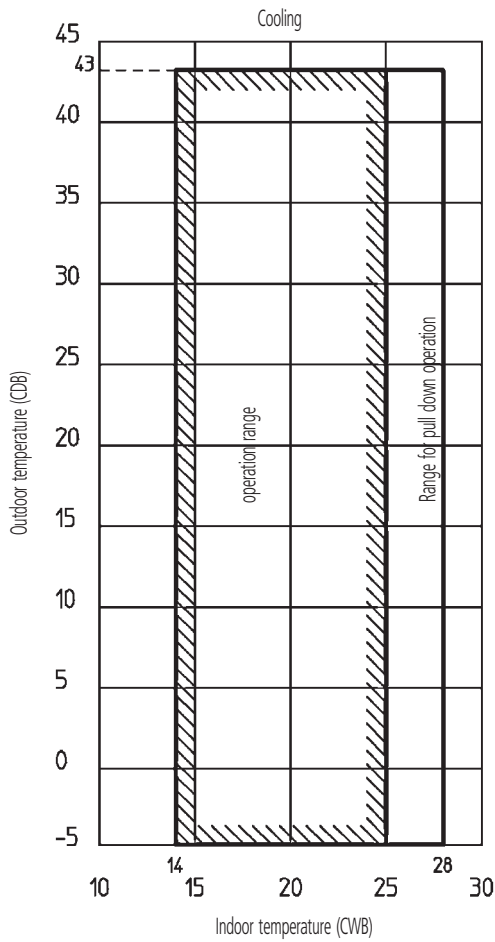


10 Sound level

10-3 Sound power spectrum



11 Operation range



4TW25797-3B

11

NOTES

- 1 These figures assume the following operating conditions:
Indoor and outdoor units:
Equivalent pipe length: 7.5m
Level difference: 0m
- 2 Depending on operation and installation conditions, the indoor unit can change over to freeze-up operation (indoor de-icing).
- 3 To reduce the freeze-up operation (indoor de-icing) frequency it is recommended to install the outdoor unit in a location not exposed to wind.

2

VRV II Systems



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.

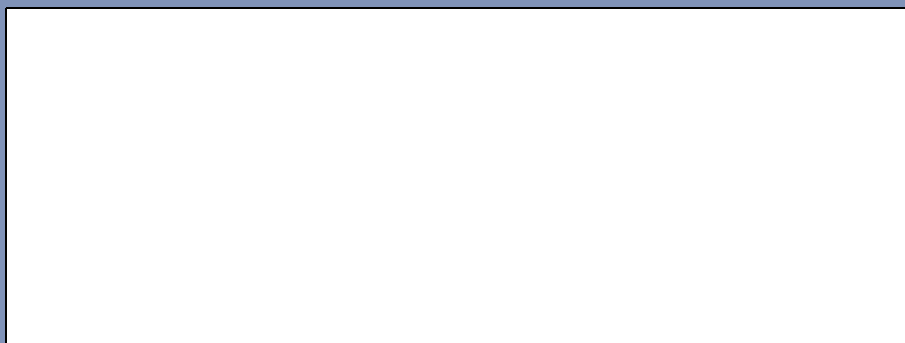


Daikin units comply with the European regulations that guarantee the safety of the product.

VRV products are not within the scope of the Eurovent certification programme.

Daikin equipment is designed for comfort applications. For use in other applications, please contact your local Daikin representative.

Specifications are subject to change without prior notice



DAIKIN EUROPE N.V.

Zandvoordestraat 300
B-8400 Ostend - Belgium
www.daikineurope.com