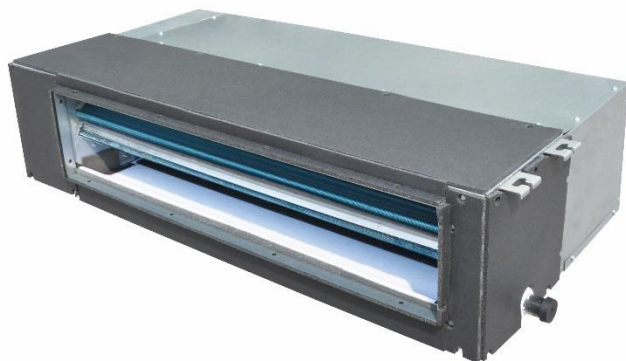
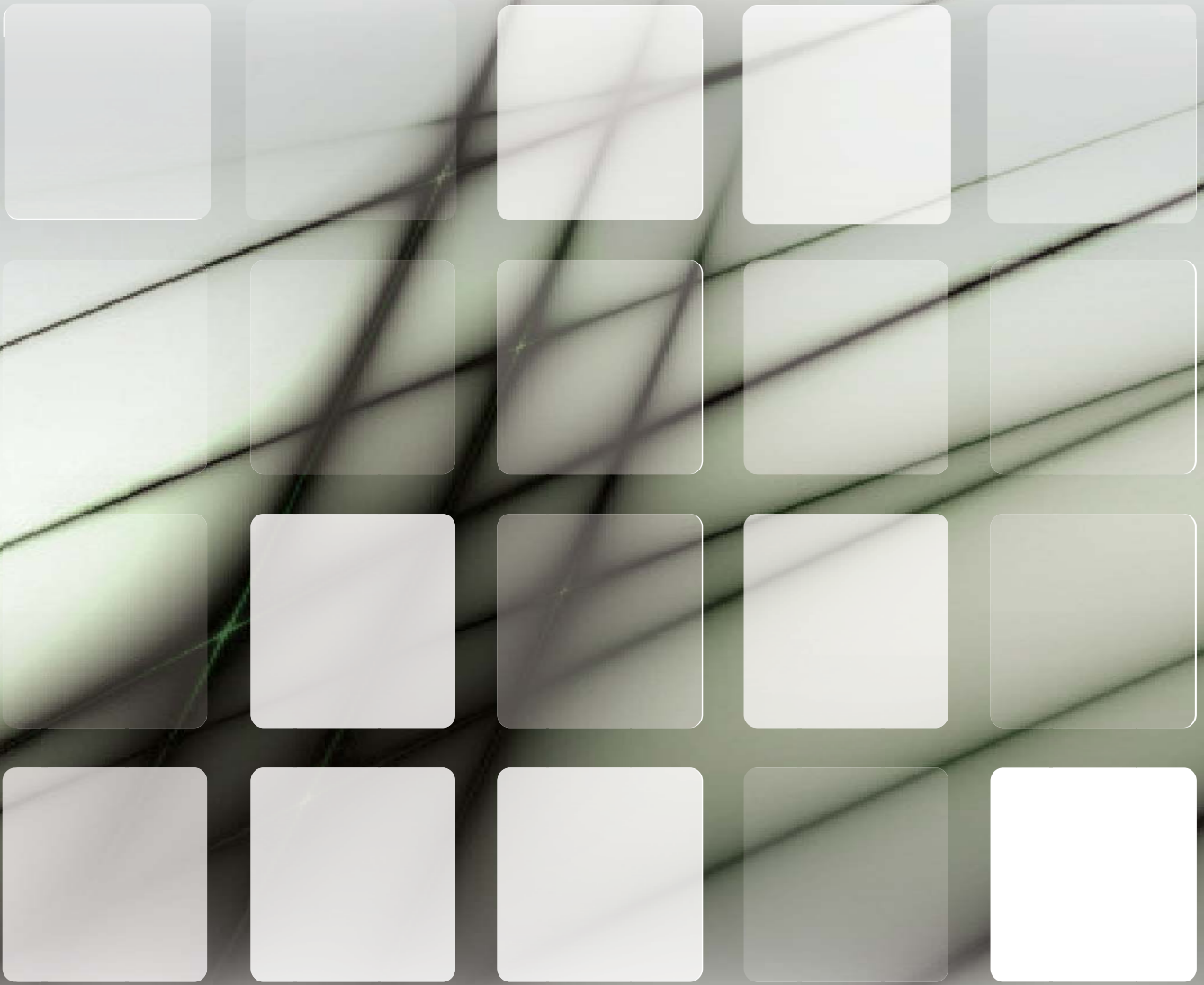


VELP Series

Static Ducted VRF Indoor Unit

Technical Manual

220~240V/1/50-60Hz



Content

- 1. Specifications**
- 2. Dimensions**
- 3. Service space**
- 4. Piping diagram**
- 5. Wiring diagram**
- 6. Capacity tables**
- 7. Electric characteristics**
- 8. Sound pressure levels**
- 9. Accessories**
- 10. Exploded view**

Model			9(34\$ 9)	9(34\$ 9)	9(34\$ 9)
Power supply			220-240V/1PH/50-60Hz	220-240V/1PH/50-60Hz	220-240V/1PH/50-60Hz
Capacity	Cooling	kW	4.5	5.6	7.1
	Heating	kW	5.0	6.3	8.0
Power Input		kW	0.035	0.045	0.055
Fan motor	Model		DR-310-27F-8	DR-310-55F-8	DR-310-68F-8
	Type		DC	DC	DC
	Brand		Panasonic	Panasonic	Panasonic
	Speed (Hi/Med/Low)	r/min	1360/1220/1200	1330/1130/1070	1360/1200/1150
	ESP	Pa	30	30	30
Indoor coil	Number of rows		2	2	2
	Fin type		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	Tube diameter and type	mm	Ø7,Innergroove tube	Ø7,Innergroove tube	Ø7,Innergroove tube
Air flow (High speed)		m³/h	620	800	1000
Sound power level		dB(A)	32~37	28~38	30~39
Body	Dimension (W×H×D)	mm	814×210×467	1010×210×467	1214×210×467
	Packing (W×H×D)	mm	910×240×510	1110×240×510	1310×240×510
	Net/Gross weight	kg	16.5/19	20/23	25/28
Refrigerant type			R410A	R410A	R410A
Throttle type			EXV	EXV	EXV
Design pressure		MPa	4.5	4.5	4.5
Liquid pipe / Gas pipe		mm	Ø6.35/ Ø12.7	Ø6.35/ Ø12.7	Ø9.53/ Ø15.9
Connecting wire	Power wire	mm²	2.5*2+2.5(L≤20m) 4*2+2.5(20m<L≤50m)	2.5*2+2.5(L≤20m) 4*2+2.5(20m<L≤50m)	2.5*2+2.5(L≤20m) 4*2+2.5(20m<L≤50m)
	Signal wire	mm²	0.75*2 shield	0.75*2 shield	0.75*2 shield
Drainage water pipe (Outer diameter)		mm	Ø25	Ø25	Ø25
Controller	Standard		Wired controller	Wired controller	Wired controller
	Optional		Remote controller	Remote controller	Remote controller
Operation temp		°C	16~32	16~32	16~32

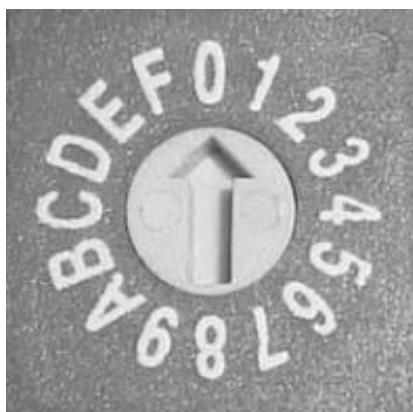
Notes:

- 1) Nominal cooling capacities are based on the following conditions.
 - Outdoor temperature: 35°C DB
 - Return air temperature: 27°C DB, 19°C WB
 - Equivalent piping length: 8m in horizontal
- 2) Nominal heating capacities are based on the following condition.
 - Outdoor temperature: 7°C DB, 6°C WB
 - Return air temperature: 20°C DB
 - Equivalent piping length: 8m in horizontal
- 3) Sound pressure level: Semi-anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.4 m.
- 4) The above data may be changed without notice for future improvement on quality and performance.

7.2 Dial switches

7.2.1 SW1:Capacity switch.

Different number in the switch indicates different capacity. It is set in factory; leave it as default setting,



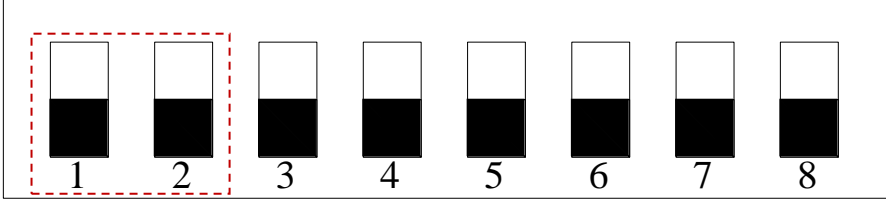
HP	0.8	1	1.2	1.7	2	2.5
Capacity (kW)	1.8/2.2	2.5/2.6/2.8	3.2/3.5/3.6	4.1/4.5/4.6	5.1/5.6	6.0/6.6/7.1
Code	0	1	2	3	4	5

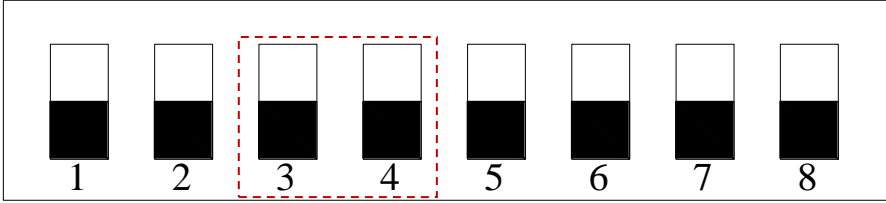
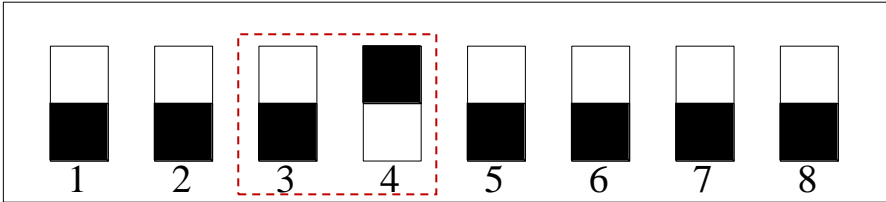
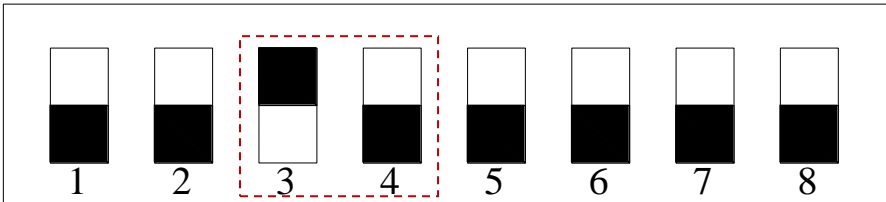
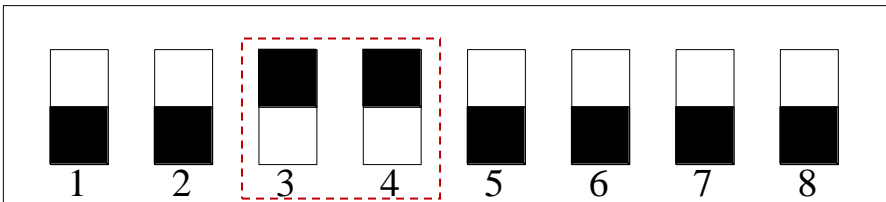
HP	3	3.2	4	5	6
Capacity (kW)	8.0	8.8/9.0	10.0/11.0/11.2	12.0/12.5/14.0	15.0/16.0
Code	6	7	8	9	9

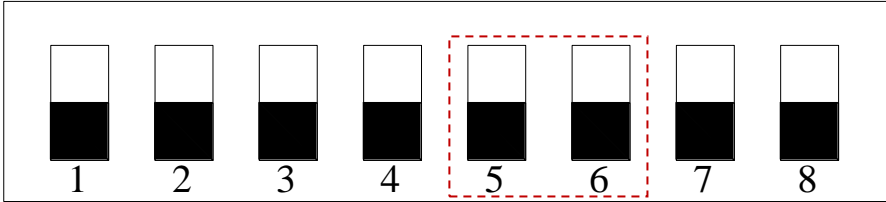
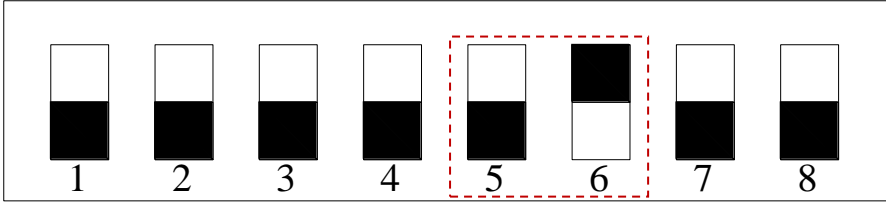
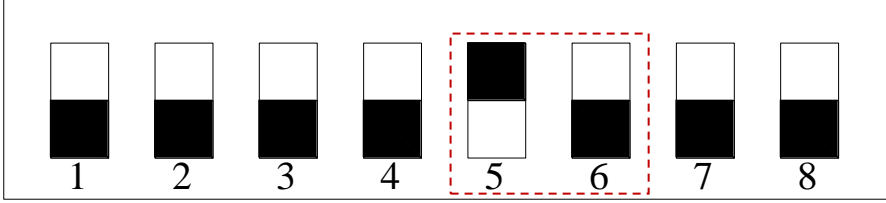
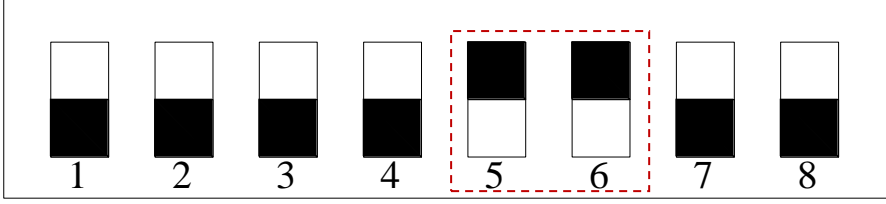
7.2.2 SW3

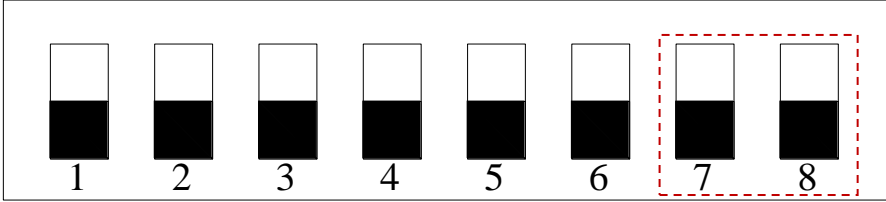
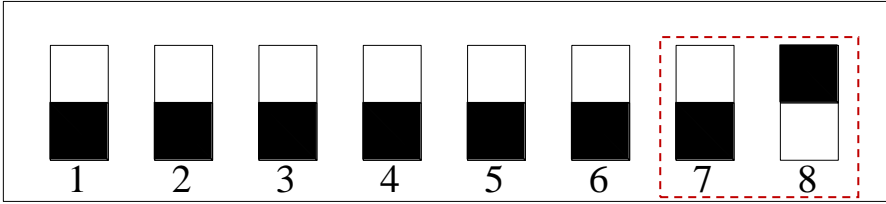
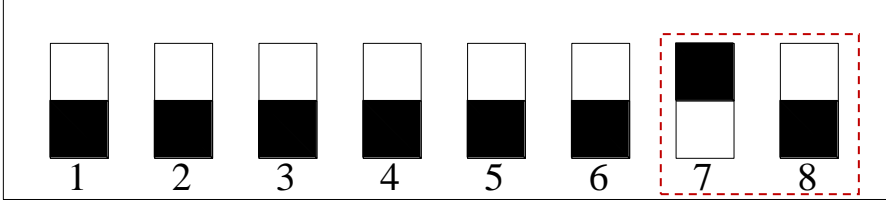
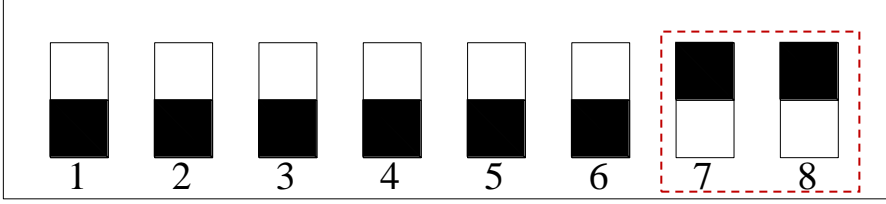
Name	Switch number 1 of SW3	Switch number 4 of SW3	Switch number 2,3 of SW3
Function	Auto-restart when power failure switch. ON/OFF status, operation mode, fan speed, temperature, swing, remote control locked will be recovered.	Indoor unit address elimination	Reserved
Setting	<p>Dial upto disable Auto-restart function</p>	<p>Dial upto erase indoor unit's address.</p>	<p>Default setting</p>
	<p>Dial down to enable Auto-restart function (Default setting)</p>	<p>Default setting</p>	

7.2.3 SW2, only available in heating mode.

Name	Switch number 1,2 of SW2	
Function	Reserved	
Setting		Default setting

Name	Switch number 3,4 of SW2	
Function	<ul style="list-style-type: none"> ● Heating temperature compensation value selection. When temperature difference between setting temperature and room temperature is higher than the setting value, indoor fan motor turns off. ● DO NOT change the default setting without professional guidance. 	
Setting	<p>ON</p> <p>OFF</p> 	6 °C Default setting
	<p>ON</p> <p>OFF</p> 	2 °C
	<p>ON</p> <p>OFF</p> 	4 °C
	<p>ON</p> <p>OFF</p> 	8 °C

Name	Switch number 5,6 of SW2	
Function	<ul style="list-style-type: none"> ● Temperature selection of turning off fan motor in anti-cold-wind-blow mode. When indoor heat exchanger temperature is lower than the setting value, indoor fan motor turns off. ● DO NOT change the default setting without professional guidance. 	
Setting	<p>ON</p> <p>OFF</p> 	15 °C Default setting
	<p>ON</p> <p>OFF</p> 	20 °C
	<p>ON</p> <p>OFF</p> 	24 °C
	<p>ON</p> <p>OFF</p> 	26 °C

Name	Switch number 7,8 of SW2	
Function	<ul style="list-style-type: none"> Indoor fan motor stopping gap selection in heating mode. When room temperature gets to (set point + temperature value in Switch number 3,4 of SW2), at this moment indoor unit capacity requirement is 0, indoor fan motor turns off for 4minutes (this stopping duration time can be changed by below setting).After that indoor fan will run in low speed for 1 minute (this timing is fixed), if indoor unit capacity requirement is still 0, then indoor fan motor keeps off for 4 minutes, and then cycles. DO NOT change the default setting without professional guidance. 	
Setting	<p>ON</p>  <p>OFF</p>	4 minutes Default setting
	<p>ON</p>  <p>OFF</p>	8 minutes
	<p>ON</p>  <p>OFF</p>	12 minutes
	<p>ON</p>  <p>OFF</p>	16 minutes

SW8, reserved, leave it as default setting (both switches dial down).

TC: Total Capacity SC: Sensible Capacity WB: Wet-bulb Temperature DB: Dry-bulb Temperature

Capacity (kW)	Outdoor temperature (°C DB)	Indoor temperature (°C WB/DB)													
		14/20		16/23		18/26		19/27		20/28		22/30		24/32	
		TC kW	SC kW	TC kW	SC kW	TC kW	SC kW	TC kW	SC kW	TC kW	SC kW	TC kW	SC kW	TC kW	SC kW
4.5	10	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.90	3.52	5.24	3.57	5.45	3.20
	12	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.90	3.52	5.24	3.57	5.41	3.17
	14	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.90	3.52	5.20	3.53	5.36	3.14
	16	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.90	3.52	5.15	3.50	5.31	3.11
	18	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.90	3.52	5.10	3.47	5.26	3.09
	19	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.90	3.52	5.06	3.44	5.21	3.06
	21	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.90	3.52	5.01	3.41	5.16	3.03
	23	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.90	3.52	4.96	3.37	5.11	3.00
	25	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.90	3.48	4.92	3.34	5.07	2.97
	27	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.85	3.45	4.87	3.31	5.02	2.94
	29	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.81	3.42	4.82	3.28	4.97	2.92
	31	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.76	3.38	4.78	3.25	4.92	2.89
	33	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.72	3.32	4.73	3.22	4.87	2.86
	35	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.30	4.65	3.29	4.68	3.18	4.83	2.83
	37	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.29	4.58	3.22	4.64	3.12	4.73	2.77
	39	3.12	2.81	3.68	2.94	4.24	3.30	4.50	3.27	4.54	3.19	4.59	3.09	4.68	2.75
	41	3.12	2.81	3.68	2.94	4.19	3.30	4.46	3.25	4.50	3.15	4.54	3.06	4.63	2.72
	43	3.12	2.81	3.68	2.94	4.14	3.30	4.41	3.24	4.46	3.12	4.50	3.02	4.58	2.69
	46	3.12	2.81	3.61	2.88	4.01	3.30	4.36	3.22	4.41	3.09	4.46	2.99	4.54	2.66
	48	3.12	2.81	3.57	2.85	3.87	3.21	4.23	3.19	4.36	3.06	4.32	2.96	4.41	2.63
50	3.06	2.81	3.53	2.82	3.74	3.17	4.09	3.11	4.23	3.02	4.19	2.93	4.28	2.60	
5.6	10	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	6.10	4.38	6.53	4.44	6.79	3.98
	12	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	6.10	4.38	6.53	4.44	6.73	3.95
	14	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	6.10	4.38	6.47	4.40	6.67	3.91
	16	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	6.10	4.38	6.41	4.36	6.61	3.88
	18	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	6.10	4.38	6.35	4.32	6.55	3.84
	19	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	6.10	4.38	6.29	4.28	6.49	3.80
	21	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	6.10	4.38	6.24	4.24	6.42	3.77
	23	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	6.10	4.38	6.18	4.20	6.36	3.73
	25	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	6.10	4.33	6.12	4.16	6.30	3.70
	27	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	6.04	4.29	6.06	4.12	6.24	3.66
	29	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	5.98	4.25	6.00	4.08	6.18	3.63
	31	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	5.93	4.21	5.94	4.04	6.12	3.59
	33	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	5.87	4.13	5.88	4.00	6.06	3.56
	35	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.11	5.78	4.09	5.83	3.96	6.00	3.52
	37	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.09	5.70	4.01	5.77	3.88	5.88	3.45
	39	3.88	3.50	4.58	3.65	5.28	4.11	5.60	4.07	5.66	3.97	5.71	3.84	5.82	3.42
	41	3.88	3.50	4.58	3.65	5.21	4.11	5.54	4.05	5.60	3.93	5.66	3.80	5.76	3.38
	43	3.88	3.50	4.58	3.65	5.15	4.11	5.49	4.03	5.54	3.89	5.60	3.76	5.70	3.35
	46	3.88	3.50	4.49	3.58	4.98	4.11	5.43	4.01	5.49	3.84	5.54	3.72	5.66	3.31
	48	3.88	3.50	4.44	3.54	4.82	3.99	5.26	3.97	5.43	3.80	5.38	3.68	5.49	3.28
50	3.81	3.50	4.40	3.51	4.65	3.95	5.10	3.86	5.26	3.76	5.21	3.64	5.32	3.24	
7.1	10	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.73	5.55	8.27	5.63	8.60	5.05
	12	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.73	5.55	8.27	5.63	8.53	5.00
	14	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.73	5.55	8.20	5.58	8.45	4.96
	16	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.73	5.55	8.13	5.53	8.38	4.91
	18	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.73	5.55	8.05	5.47	8.30	4.87
	19	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.73	5.55	7.98	5.42	8.22	4.82
	21	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.73	5.55	7.91	5.37	8.15	4.78
	23	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.73	5.55	7.83	5.32	8.07	4.73
	25	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.73	5.50	7.76	5.27	7.99	4.69
	27	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.66	5.44	7.68	5.22	7.92	4.64
	29	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.58	5.39	7.61	5.17	7.84	4.60
	31	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.51	5.34	7.54	5.12	7.76	4.56
	33	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.44	5.24	7.46	5.07	7.69	4.51
	35	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.21	7.33	5.18	7.39	5.02	7.61	4.47
	37	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.19	7.22	5.08	7.31	4.92	7.46	4.38
	39	4.92	4.44	5.80	4.63	6.69	5.21	7.10	5.15	7.17	5.03	7.24	4.87	7.38	4.33
	41	4.92	4.44	5.80	4.63	6.60	5.21	7.03	5.13	7.10	4.98	7.17	4.82	7.31	4.29
	43	4.92	4.44	5.80	4.63	6.53	5.21	6.96	5.11	7.03	4.93	7.10	4.77	7.23	4.24
	46	4.92	4.44	5.69	4.54	6.32	5.21	6.89	5.09	6.96	4.87	7.03	4.72	7.17	4.20
	48	4.92	4.44	5.63	4.49	6.11	5.06	6.67	5.03	6.89	4.82	6.82	4.67	6.96	4.15
50	4.83	4.44	5.57	4.45	5.89	5.01	6.46	4.90	6.67	4.77	6.60	4.62	6.75	4.11	

8.2 Heating

TC: Total Capacity WB: Wet-bulb Temperature DB: Dry-bulb Temperature

Capacity (kW)	Outdoor temperature (° C)		Indoor temperature (°C DB)					
			16	18	20	21	22	24
	WB	DB	TC kW	TC kW	TC kW	TC kW	TC kW	TC kW
2.2	-20	-19.8	1.46	1.46	1.46	1.46	1.46	1.46
	-19	-18.8	1.56	1.56	1.56	1.56	1.56	1.56
	-17	-16.7	1.64	1.64	1.64	1.64	1.64	1.64
	-15	-14.7	1.69	1.69	1.69	1.69	1.69	1.69
	-13	-12.6	1.79	1.79	1.79	1.79	1.79	1.79
	-11	-10.5	1.82	1.85	1.85	1.85	1.85	1.85
	-10	-9.5	1.90	1.90	1.90	1.90	1.90	1.90
	-9.1	-8.5	1.95	1.95	1.95	1.95	1.95	1.95
	-7.6	-7	1.98	1.98	1.98	1.98	1.98	1.98
	-5.6	-5	2.05	2.05	2.05	2.05	2.05	2.05
	-3.7	-3	2.16	2.16	2.16	2.16	2.16	2.16
	-0.7	0	2.31	2.31	2.31	2.31	2.31	2.18
	2.2	3	2.44	2.44	2.44	2.44	2.39	2.18
	4.1	5	2.50	2.50	2.50	2.50	2.39	2.18
	6	7	2.60	2.60	2.50	2.50	2.39	2.18
	7.9	9	2.68	2.68	2.60	2.50	2.39	2.18
9.8	11	2.76	2.76	2.60	2.50	2.39	2.18	
11.8	13	2.86	2.81	2.60	2.50	2.39	2.18	
13.7	15	2.94	2.81	2.60	2.50	2.39	2.18	
2.8	-20	-19.8	1.79	1.79	1.79	1.79	1.79	1.79
	-19	-18.8	1.92	1.92	1.92	1.92	1.92	1.92
	-17	-16.7	2.02	2.02	2.02	2.02	2.02	2.02
	-15	-14.7	2.02	2.02	2.02	2.02	2.02	2.02
	-13	-12.6	2.14	2.14	2.14	2.14	2.14	2.14
	-11	-10.5	2.24	2.24	2.24	2.24	2.24	2.24
	-10	-9.5	2.34	2.34	2.34	2.34	2.34	2.34
	-9.1	-8.5	2.40	2.40	2.40	2.40	2.40	2.40
	-7.6	-7	2.43	2.43	2.43	2.43	2.43	2.43
	-5.6	-5	2.53	2.53	2.53	2.53	2.53	2.53
	-3.7	-3	2.66	2.66	2.66	2.66	2.66	2.66
	-0.7	0	2.85	2.85	2.85	2.85	2.85	2.69
	2.2	3	3.01	3.01	3.01	3.01	2.94	2.69
	4.1	5	3.10	3.10	3.10	3.10	2.94	2.69
	6	7	3.20	3.20	3.20	3.10	2.94	2.69
	7.9	9	3.30	3.30	3.20	3.10	2.94	2.69
9.8	11	3.39	3.39	3.20	3.10	2.94	2.69	
11.8	13	3.52	3.46	3.20	3.10	2.94	2.69	
13.7	15	3.62	3.46	3.20	3.10	2.94	2.69	
3.6	-20	-19.8	2.24	2.24	2.24	2.24	2.24	2.24
	-19	-18.8	2.40	2.40	2.40	2.40	2.40	2.40
	-17	-16.7	2.52	2.52	2.52	2.52	2.52	2.52
	-15	-14.7	2.60	2.60	2.60	2.60	2.60	2.60
	-13	-12.6	2.68	2.68	2.68	2.68	2.68	2.68
	-11	-10.5	2.80	2.80	2.80	2.80	2.80	2.80
	-10	-9.5	2.92	2.92	2.92	2.92	2.92	2.92
	-9.1	-8.5	3.00	3.00	3.00	3.00	3.00	3.00
	-7.6	-7	3.04	3.04	3.04	3.04	3.04	3.04
	-5.6	-5	3.16	3.16	3.16	3.16	3.16	3.16
	-3.7	-3	3.32	3.32	3.32	3.32	3.32	3.32
	-0.7	0	3.56	3.56	3.56	3.56	3.56	3.36
	2.2	3	3.76	3.76	3.76	3.76	3.68	3.36
	4.1	5	3.88	3.88	3.88	3.88	3.68	3.36
	6	7	4.00	4.00	4.00	3.88	3.68	3.36
	7.9	9	4.12	4.12	4.00	3.88	3.68	3.36
9.8	11	4.24	4.24	4.00	3.88	3.68	3.36	
11.8	13	4.40	4.32	4.00	3.88	3.68	3.36	
13.7	15	4.52	4.32	4.00	3.88	3.68	3.36	

TC: Total Capacity WB: Wet-bulb Temperature DB: Dry-bulb Temperature

Capacity (kW)	Outdoor temperature (° C)		Indoor temperature (° C DB)					
			16	18	20	21	22	24
	WB	DB	TC kW	TC kW	TC kW	TC kW	TC kW	TC kW
4.5	-20	-19.8	2.80	2.80	2.80	2.80	2.80	2.80
	-19	-18.8	3.00	3.00	3.00	3.00	3.00	3.00
	-17	-16.7	3.15	3.15	3.15	3.15	3.15	3.15
	-15	-14.7	3.25	3.25	3.25	3.25	3.25	3.25
	-13	-12.6	3.35	3.35	3.35	3.35	3.35	3.35
	-11	-10.5	3.50	3.50	3.50	3.50	3.50	3.50
	-10	-9.5	3.65	3.65	3.65	3.65	3.65	3.65
	-9.1	-8.5	3.75	3.75	3.75	3.75	3.75	3.75
	-7.6	-7	3.80	3.80	3.80	3.80	3.80	3.80
	-5.6	-5	3.95	3.95	3.95	3.95	3.95	3.95
	-3.7	-3	4.15	4.15	4.15	4.15	4.15	4.15
	-0.7	0	4.45	4.45	4.45	4.45	4.45	4.20
	2.2	3	4.70	4.70	4.70	4.70	4.60	4.20
	4.1	5	4.85	4.85	4.85	4.85	4.60	4.20
	6	7	5.00	5.00	5.00	4.85	4.60	4.20
7.9	9	5.15	5.15	5.00	4.85	4.60	4.20	
9.8	11	5.30	5.30	5.00	4.85	4.60	4.20	
11.8	13	5.50	5.40	5.00	4.85	4.60	4.20	
13.7	15	5.65	5.40	5.00	4.85	4.60	4.20	
5.6	-20	-19.8	3.53	3.53	3.53	3.53	3.53	3.53
	-19	-18.8	3.78	3.78	3.78	3.78	3.78	3.78
	-17	-16.7	3.97	3.97	3.97	3.97	3.97	3.97
	-15	-14.7	4.10	4.10	4.10	4.10	4.10	4.10
	-13	-12.6	4.22	4.22	4.22	4.22	4.22	4.22
	-11	-10.5	4.41	4.41	4.41	4.41	4.41	4.41
	-10	-9.5	4.60	4.60	4.60	4.60	4.60	4.60
	-9.1	-8.5	4.73	4.73	4.73	4.73	4.73	4.73
	-7.6	-7	4.79	4.79	4.79	4.79	4.79	4.79
	-5.6	-5	4.98	4.98	4.98	4.98	4.98	4.98
	-3.7	-3	5.23	5.23	5.23	5.23	5.23	5.23
	-0.7	0	5.61	5.61	5.61	5.61	5.61	5.29
	2.2	3	5.92	5.92	5.92	5.92	5.80	5.29
	4.1	5	6.11	6.11	6.11	6.11	5.80	5.29
	6	7	6.30	6.30	6.30	6.11	5.80	5.29
7.9	9	6.49	6.49	6.30	6.11	5.80	5.29	
9.8	11	6.68	6.68	6.30	6.11	5.80	5.29	
11.8	13	6.93	6.80	6.30	6.11	5.80	5.29	
13.7	15	7.12	6.80	6.30	6.11	5.80	5.29	
7.1	-20	-19.8	4.48	4.48	4.48	4.48	4.48	4.48
	-19	-18.8	4.80	4.80	4.80	4.80	4.80	4.80
	-17	-16.7	5.04	5.04	5.04	5.04	5.04	5.04
	-15	-14.7	5.20	5.20	5.20	5.20	5.20	5.20
	-13	-12.6	5.36	5.36	5.36	5.36	5.36	5.36
	-11	-10.5	5.60	5.60	5.60	5.60	5.60	5.60
	-10	-9.5	5.84	5.84	5.84	5.84	5.84	5.84
	-9.1	-8.5	6.00	6.00	6.00	6.00	6.00	6.00
	-7.6	-7	6.08	6.08	6.08	6.08	6.08	6.08
	-5.6	-5	6.32	6.32	6.32	6.32	6.32	6.32
	-3.7	-3	6.64	6.64	6.64	6.64	6.64	6.64
	-0.7	0	7.12	7.12	7.12	7.12	7.12	6.72
	2.2	3	7.52	7.52	7.52	7.52	7.36	6.72
	4.1	5	7.76	7.76	7.76	7.76	7.36	6.72
	6	7	8.00	8.00	8.00	7.76	7.36	6.72
7.9	9	8.24	8.24	8.00	7.76	7.36	6.72	
9.8	11	8.48	8.48	8.00	7.76	7.36	6.72	
11.8	13	8.80	8.64	8.00	7.76	7.36	6.72	
13.7	15	9.04	8.64	8.00	7.76	7.36	6.72	

No.	Part name	Quantity	No.	Part name	Quantity
1	Top cover cotton component	1	9.1	Evaporator welding component	1
1.1	Top cover component	1	9.2	Impedance glue	2
1.2	Cover plate cotton 1	1	9.3	Protecting jacket insulating tube	1
1.3	Top air out cotton	1	9.4	Protecting jacket insulating tube	1
1.4	Top cover cotton	1	9.5	EXV coil	1
2	Fan motor component	1	10	Left plate cotton component	1
2.1	Fan fixed plate component	1	10.1	Left plate	1
2.2	Fan motor support	1	10.2	Left plate cotton	1
2.3	Volute fan	2	10.3	Left-right air outlet cotton	1
2.4	Fan motor	1	11	Pipe cover plate cotton component	1
2.5	Motor support connect plate	1	11.1	Left plate	1
2.6	Motor axis right cover	1	11.2	Pipe cover plate cotton	1
2.7	Motor axis left cover	1	12	Left air-return cotton component	1
3	Air-return box up panel	1	12.1	Air-return box left plate	1
4	Air-return box down panel	1	12.2	Left air-return plate cotton	1
5	Air-return box right panel	1	13	E-box component	1
6	Down panel cotton component	1	13.1	E-box base plate	1
6.1	Down panel component	1	13.2	E-box cover plate	1
6.2	Down air out cotton	1	13.3	PCB plastic base	1
6.3	Down panel cotton	1	13.4	Indoor PCB component	1
7	Right plate cotton component	1	13.5	Terminal	1
7.1	Right plate	1	13.6	Transformer	1
7.2	Right plate cotton	1	13.7	Terminal	1
8	Foam water pan	1	14	Up foam	1
9	Evaporator component	1			



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