

FOUR-PIPE CASSETTE TWO-PIPE CASSETTE COMPACT FAN COIL UNIT

ENGINEERING DATA BOOK SERVICE MANUAL

SF2-300-500C4
SF2-300-500C2



sinclair
AIR CONDITIONING

Compact Four-way Cassette

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2 Specifications

SF2-300C2 / SF2-400C2 / SF2-500C2

Table 2.1: SF-300(400,500)C2 specifications

Model			SF2-300C2	SF2-400C2	SF2-500C2
Power supply		V/Ph/Hz	220-240/1/50		
Air flow		m ³ /h	510/475/442/408/ 374/341/307	680/628/588/545/ 506/465/426	850/780/721/664/ 606/550/493
		CFM	300/280/260/240/ 220/201/181	400/369/346/321/ 298/274/251	500/459/424/391/ 356/324/290
Cooling ¹	Capacity	kW	3.00/2.76/2.61/2.46/ 2.3/2.14/1.97	3.80/3.54/3.37/3.18/ 3.00/2.81/2.62	4.70/4.32/4.07/3.83/ 3.57/3.31/3.04
	Water flow rate	m ³ /h	0.53/0.47/0.45/0.42/ 0.39/0.37/0.34	0.66/0.61/0.58/0.55/ 0.52/0.48/0.45	0.82/0.74/0.7/0.66/ 0.61/0.57/0.52
	Water pressure drop	kPa	15/12/11/9/8/7/6	16/14/13/11/10/9/8	24/20/18/16/14/12/10
	Power input	W	20/14/13/12/10/10/9	30/24/20/17/15/13/11	50/41/34/27/22/18/14
Heating ²	Capacity	kW	3.30/3.09/2.91/2.73/ 2.54/2.35/2.15	4.30/4.05/3.84/3.60/ 3.38/3.15/2.92	5.00/4.75/4.46/4.17/ 3.87/3.58/3.26
	Water flow rate	m ³ /h	0.56/0.53/0.5/0.47/ 0.44/0.41/0.37	0.75/0.7/0.66/0.62/ 0.58/0.54/0.50	0.88/0.82/0.77/0.72/ 0.67/0.62/0.56
	Water pressure drop	kPa	15/13/12/11/9/8/7	16/14/12/11/10/9/8	24/20/18/16/14/12/11
	Power input	W	20/14/13/12/10/10/9	30/24/20/17/15/13/11	50/41/34/27/22/18/14
Sound pressure level ³		dB(A)	29.8/28.6/27.9/27.1/ 26.5/25.7/25.2	37.8/35.7/34.0/32.4/ 30.6/28.5/26.8	44.1/42.2/40.0/37.9/ 35.3/32.9/29.8
Sound power level ⁴		dB(A)	42.6/41.7/40.6/39.7/ 38.6/37.7/37.2	50.2/48.2/46.3/44.3/ 42.7/40.4/38.7	56.6/54.6/52.4/50.2/ 47.9/45.2/42.1
Rated current		A	0.3/0.2/0.1/0.1/ 0.1/0.1/0.1	0.3/0.3/0.2/0.2/ 0.2/0.2/0.1	0.5/0.4/0.3/0.3/ 0.3/0.2/0.2
Fan motor	Type		DC motor		
	Number		1		
Fan	Type		Centrifugal, forward-curved Blades		
	Number		1		
Coil	Row		2	3	3
	Max. Working pressure	MPa	1.6		
	Diameter	mm	7		
	Internal water volume	L	0.87	1.10	1.10
Panel	Net dimensions (W×H×D)	mm	618*45*618	618*45*618	618*45*618
	Packing size (W×H×D)	mm	680*80*665	680*80*665	680*80*665
	Net weight	kg	2.4	2.4	2.4
	Gross weight	kg	3.2	3.2	3.2
Body	Net dimensions (W×H×D)	mm	575*240*575	575*240*575	575*240*575
	Packing size (W×H×D)	mm	690*295*690	690*295*690	690*295*690
	Net weight	kg	13.5	14.5	14.5
	Gross weight	kg	15.7	16.7	16.7
Pipe connections	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	mm	ODΦ25		

Notes:

1. Cooling mode: entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.
2. Heating mode: entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.
3. Sound power levels are measured 1m around the unit in a reverberation chamber.
4. Sound pressure levels are measured 1m below and right of the unit in a semi-anechoic chamber.
5. All specifications are subject to change by the manufacturer without prior notice

Table 2.2: SF-V300(400,500)C4 specifications

Model			SF2-300C4	SF2-400C4	SF2-500C4
Power supply		V/Ph/Hz	220-240/1/50		
Air flow		m³/h	510/460/428/397/ 364/328/295	680/638/597/555/ 514/473/431	850/791/732/672/ 597/542/486
		CFM	300/271/252/234/ 214/193/174	400/376/351/327/ 303/278/254	500/465/430/395/ 351/319/286
Cooling ¹	Capacity	kW	2.20/1.88/1.79/1.7/ 1.6/1.49/1.39	3.60/3.24/3.09/2.93/ 2.77/2.6/2.43	4.10/3.71/3.52/3.31/ 3.04/2.84/2.62
	Water flow rate	m³/h	0.38/0.32/0.31/0.29/ 0.28/0.26/0.24	0.62/0.56/0.53/0.5/ 0.48/0.45/0.42	0.73/0.64/0.6/0.57/ 0.52/0.49/0.45
	Water pressure drop	kPa	12/10/9/8/7/6/5	18/16/15/13/12/10/9	24/21/19/17/14/12/10
	Power input	W	20/12/11/9/8/6/4	30/27/23/19/17/14/12	50/38/32/26/22/18/14
Heating ²	Capacity	kW	3.50/3.19/3.02/2.85/ 2.67/2.47/2.28	4.40/4.03/3.84/3.65/ 3.45/3.24/3.02	4.80/4.55/4.31/4.06/ 3.73/3.48/3.21
	Water flow rate	m³/h	0.32/0.27/0.26/0.25/ 0.23/0.21/0.2	0.40/0.35/0.33/0.31/ 0.3/0.28/0.26	0.44/0.39/0.37/0.35/ 0.32/0.3/0.28
	Water pressure drop	kPa	12/9/8/8/7/6/5	12/9/9/8/7/6/6	14/12/10/9/8/7/6
	Power input	W	20/12/11/9/8/6/4	30/27/23/19/17/14/12	50/38/32/26/22/18/14
Sound pressure level ³		dB(A)	29.6/28.5/27.4/27.0/ 26.4/25.6/24.6	37.9/36.1/34.0/32.4/ 30.6/28.3/26.5	44.5/42.0/39.9/37.6/ 35.0/32.6/29.6
Sound power level ⁴		dB(A)	42.0/40.6/39.5/38.8/ 38.2/38.7/37.2	50.1/48.3/46.5/44.5/ 42.5/40.5/38.4	56.3/54.8/52.4/50.2/ 47.8/45.1/42.2
Rated current		A	0.3/0.2/0.1/0.1/ 0.1/0.1/0.1	0.4/0.2/0.2/0.2/ 0.1/0.1/0.1	0.5/0.4/0.3/0.3/ 0.3/0.2/0.2
Fan motor	Type	DC motor			
	Number	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Number	1			
Coil	Row		2	3	3
	Max. Working pressure	MPa	1.6		
	Diameter	mm	7		
	Internal water volume	L	0.87	1.19	1.19
Panel	Net dimensions (W×H×D)	mm	618*45*618	618*45*618	618*45*618
	Packing size (W×H×D)	mm	680*80*665	680*80*665	680*80*665
	Net weight	kg	2.4	2.4	2.4
	Gross weight	kg	3.2	3.2	3.2
Body	Net dimensions (W×H×D)	mm	575*240*575	575*240*575	575*240*575
	Packing size (W×H×D)	mm	690*295*690	690*295*690	690*295*690
	Net weight	kg	14	15	15
	Gross weight	kg	16.2	17.2	17.2
Pipe	Water inlet/outlet pipe	inch	RC3/4		
connections	Drain pipe	mm	ODΦ25		

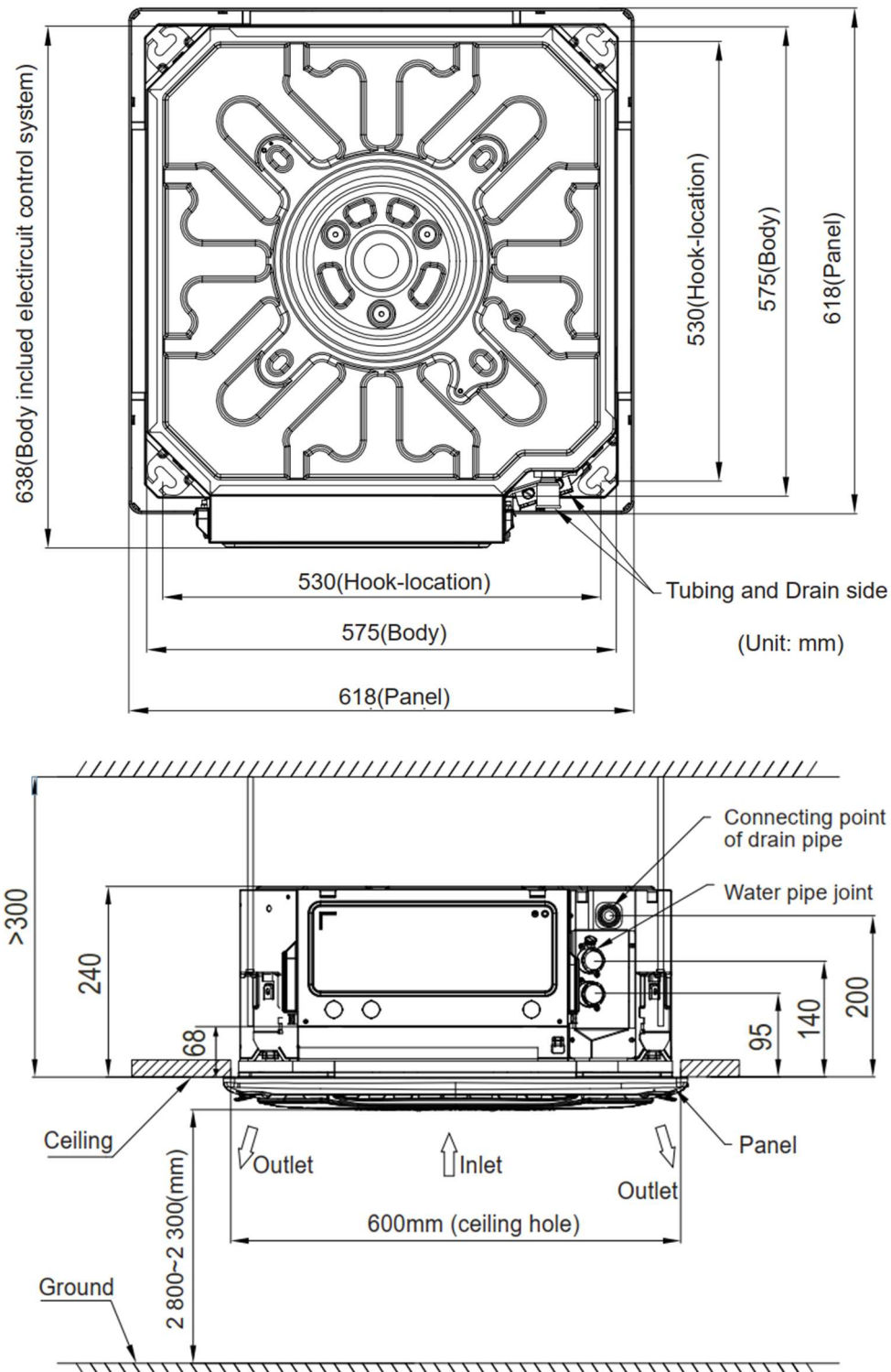
Notes:

1. Cooling mode: entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.
2. Heating mode: entering air temperature 20°C DB, entering/leaving water temperature 65/55°C.
3. Sound power levels are measured 1m around the unit in a reverberation chamber.
4. Sound pressure levels are measured 1m below and right of the unit in a semi-anechoic chamber.
5. All specifications are subject to change by the manufacturer without prior notice

3 Unit Dimensions

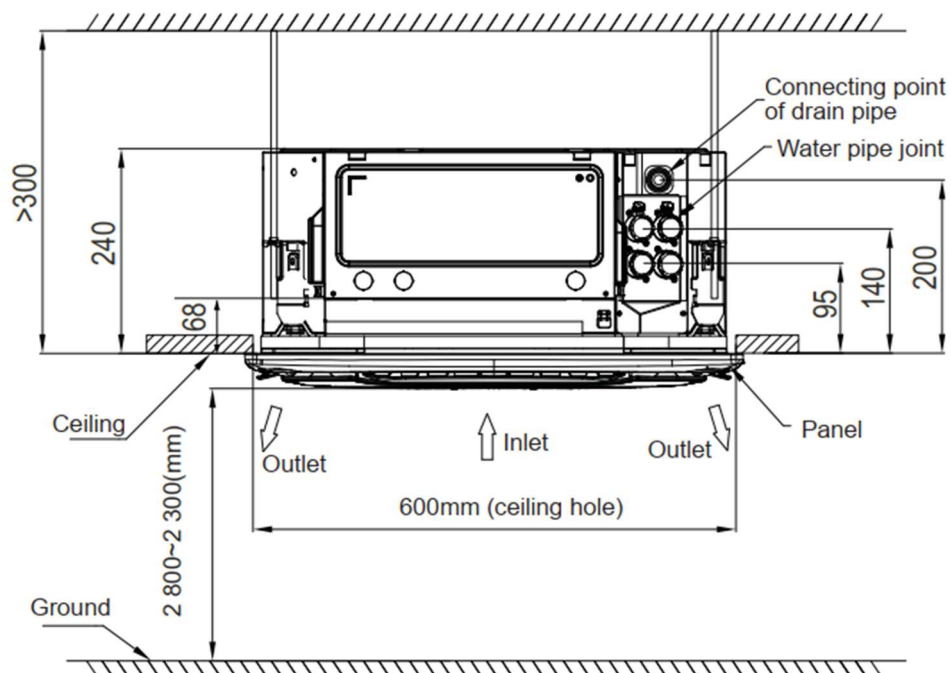
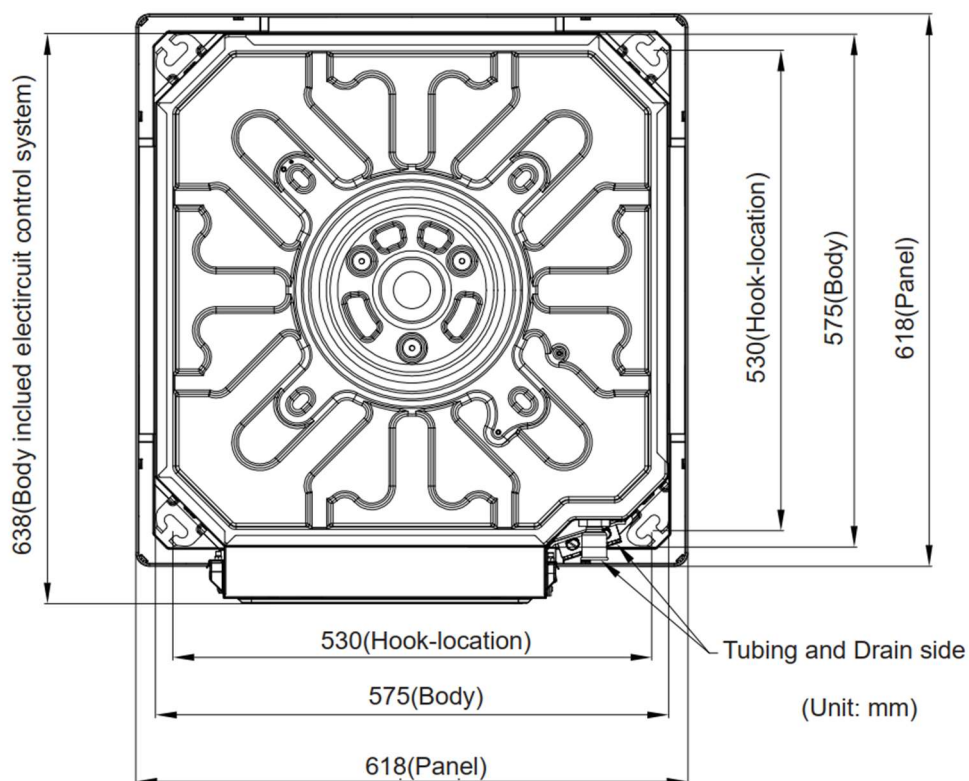
SF2-300C2 / SF2-400C2 / SF2-500C2

Figure 3.1: Compact Four-way Cassette SF-300(400,500)C2 dimensions (unit: mm)



SF2-300C4 / SF2-400C4 / SF2-500C4

Figure 3.2: Compact Four-way Cassette SF-300(400,500)C4 dimensions (unit: mm)



4 Unit Placement

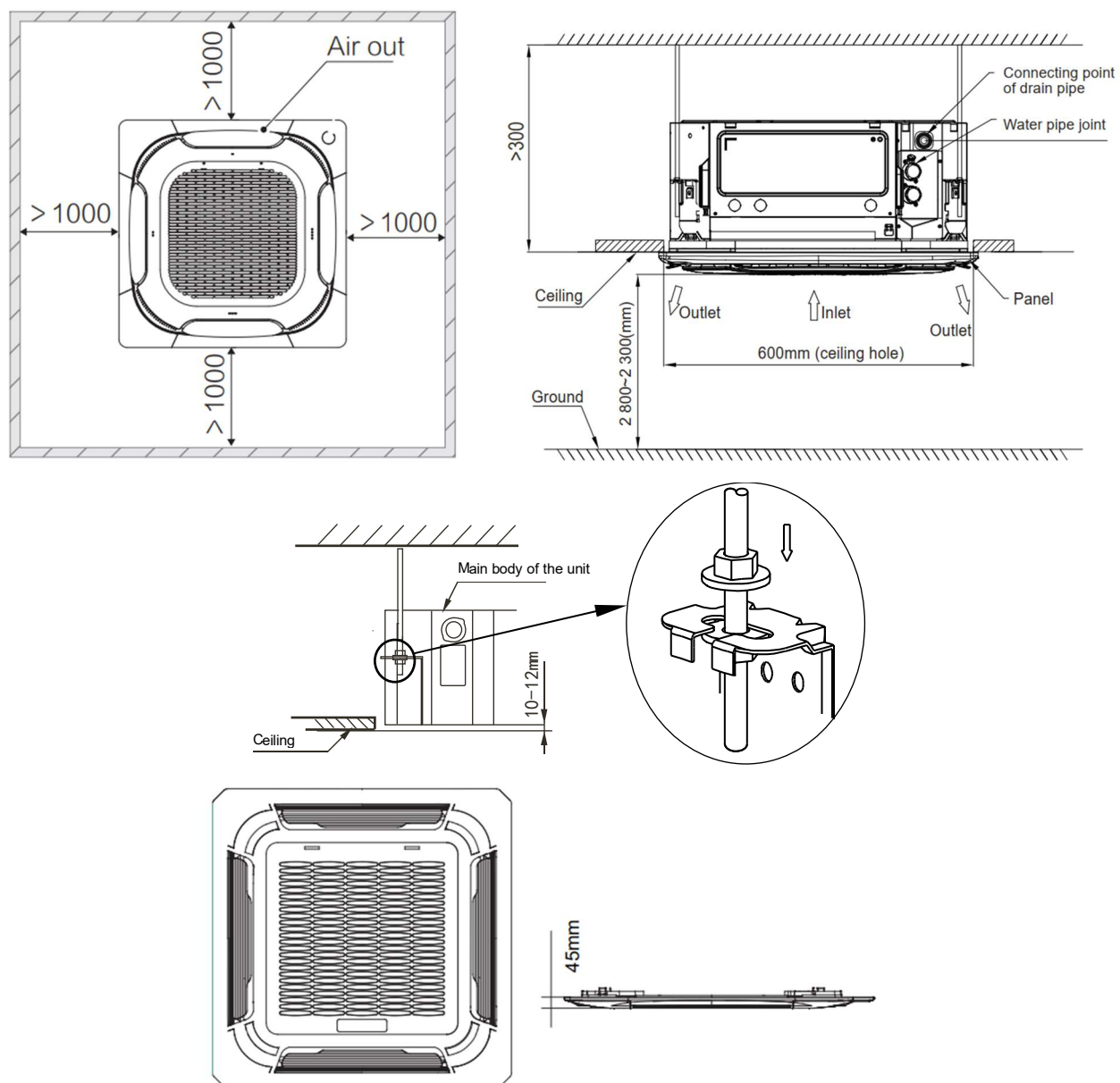
4.1 Placement Considerations

The indoor unit should be installed in a location that meets the following requirements:

- There is enough room for installation and maintenance.
- The ceiling is horizontal, and its structure can endure the weight of the indoor unit.
- The outlet and the inlet are not impeded, and the influence of external air is the least.
- The air flow can reach throughout the room.
- The connecting water pipe and drainpipe could be extracted out easily.
- There is no direct radiation from heaters.

4.2 Space Requirements

Figure 4.1: Compact Four-way Cassette space requirements (unit: mm)



5 Accessories and Local Purchased Components

5.1 Standard Accessories

Table 5.1: Standard accessories

Accessory name	Qty.	Shape
Owner's manual	1	
Installation manual	1	
Nut	8	
Washer	8	
Soundproof / insulation sheath	2	
Tightening band	4	

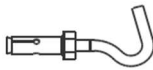
5.2 Optional Accessories

Table 5.2: Optional accessories

Accessory name	Qty.	Shape	Usage
Wired controller SWC-61	1		Wired control
Central controller CCM30	1		Central control
Remote controller SRC-61	1		Remote control

5.3 Local Purchased Components

Table 5.3: Local purchased components

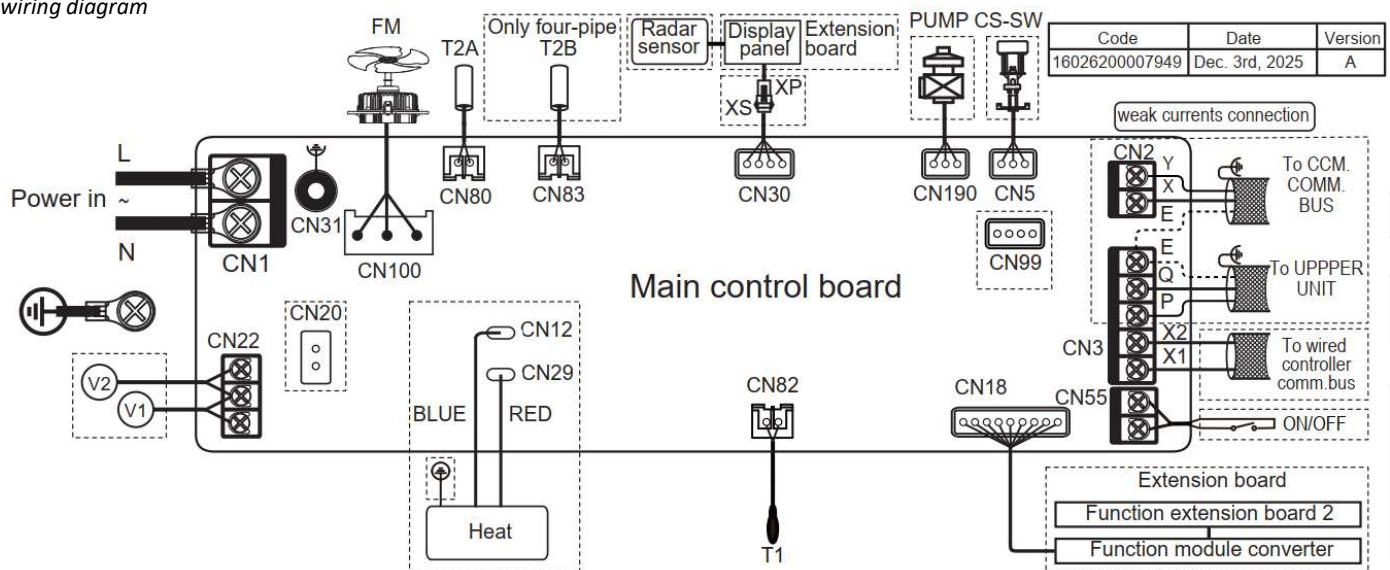
Name	Qty.	Shape
Expansion bolt	4	
Installation hook	4	

6 Wiring Diagram

SF2-300C2 / SF2-400C2 / SF2-500C2

SF2-300C4 / SF2-400C4 / SF2-500C4

Figure 6.1: Compact Four-way Cassette wiring diagram



Fault code and definition	
b3*	Water pump/ water level switch error
C41	Communication error between main control board and fan drive module
C51	Communication error between main control board and wired controller
C61	Communication error between main control board and extension board
C7*	
E3	Controller/ Panel sensor error
J**	Fan / Fan drive module error
P7*	EEPROM failure
U1*	Dial code setting error
P0*	Out of working rang
E24	T1 sensor error
F01	T2A sensor error
F21	T2B sensor error
Prompt codes and definitions (non-faults)	
d61	Remote off

Code	Description	Code	Description
T1	ROOM TEMPERATURE	T2A/T2B	PIPE TEMPERATURE
XS XP	Connectors	HEAT	Electric heater
CS-SW	Water level switch	ON/OFF	Remote on/off
FM	DC Fan motor		

2-Pipe: Both cooling and heating valves are V1.
4-Pipe: Cooling valve is V1, heating valve is V2.

Warning:

All power supply circuits must be cut off before approaching the terminal blocks!

Attention:

- Power cords should be effectively fixed!
- Be sure to confirm the reliability of wiring connection before power on!
- The wiring diagram shown is for reference only!
- The dotted lines indicate the field wiring or optional function!
- One-to-more control function of wired controller is unavailable.

Note: "*" Represents sub codes for different faults.
Please refer to owner's manual for more information.

7 Capacity Tables

Cooling and heating capacity table is calculated under the airflow condition of the highest speed SSH (7 speeds unit) or H(3 speeds units). If the other airflow condition is needed, please use capacity table calculate in the MSS-FCU DC.

7.1 2-pipe FCU Cooling Capacity Table

SF2-300C2																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	2.58	1.96	0.75	30.17	2.57	2.24	0.74	29.96	2.63	2.52	0.76	31.1	2.8	2.8	0.81	34.68	3.07	3.07	0.89	40.56
		17	3.44	1.98	0.99	49.02	3.41	2.26	0.98	48.44	3.39	2.53	0.98	47.88	3.37	2.79	0.97	47.32	3.36	3.06	0.97	47.2
		19	-	-	-	-	4.31	2.27	1.24	72.35	4.28	2.54	1.24	71.54	4.25	2.81	1.23	70.72	4.23	3.08	1.22	69.92
		20	-	-	-	-	4.78	2.28	1.38	86.61	4.75	2.55	1.37	85.62	4.72	2.82	1.36	84.66	4.69	3.09	1.36	83.71
	4	15	2.28	1.81	0.49	12.7	2.33	2.1	0.5	13.45	2.45	2.4	0.53	15.36	2.68	2.68	0.58	19.04	2.96	2.96	0.64	23.09
		17	3.14	1.84	0.68	25.52	3.11	2.11	0.67	25.22	3.09	2.39	0.67	24.91	3.09	2.66	0.67	24.86	3.14	2.94	0.68	25.6
		19	-	-	-	-	4.04	2.14	0.87	39.28	4.01	2.42	0.87	38.83	3.99	2.69	0.86	38.39	3.96	2.95	0.86	37.95
		20	-	-	-	-	4.52	2.16	0.98	47.61	4.49	2.43	0.97	47.07	4.46	2.7	0.96	46.54	4.43	2.97	0.96	46.03
	5	15	2.07	1.71	0.36	5.5	2.17	2.02	0.37	6.13	2.34	2.31	0.4	7.38	2.58	2.58	0.44	9.66	2.84	2.84	0.49	12.55
		17	2.81	1.69	0.48	12.23	2.79	1.97	0.48	12.01	2.79	2.25	0.48	11.97	2.84	2.53	0.49	12.57	2.95	2.82	0.51	13.82
		19	-	-	-	-	3.72	2	0.64	23.23	3.7	2.27	0.64	22.95	3.67	2.54	0.63	22.67	3.64	2.81	0.63	22.38
		20	-	-	-	-	4.22	2.02	0.73	28.79	4.19	2.29	0.72	28.46	4.17	2.56	0.72	28.13	4.14	2.83	0.71	27.81
	6	15	1.86	1.61	0.27	3.66	2.02	1.92	0.29	4	2.23	2.22	0.32	4.53	2.5	2.5	0.36	5.56	2.76	2.76	0.39	7.11
		17	2.57	1.58	0.37	5.96	2.55	1.86	0.37	5.89	2.59	2.15	0.37	6.11	2.69	2.45	0.38	6.67	2.82	2.74	0.4	7.6
		19	-	-	-	-	3.39	1.85	0.49	12.66	3.37	2.13	0.48	12.45	3.35	2.4	0.48	12.24	3.35	2.67	0.48	12.22
		20	-	-	-	-	3.87	1.86	0.56	17.52	3.85	2.14	0.55	17.26	3.82	2.41	0.55	17	3.8	2.68	0.55	16.74
7	3	15	1.95	1.66	0.56	18	2.04	1.96	0.59	19.77	2.25	2.25	0.65	23.43	2.53	2.53	0.73	28.53	2.8	2.8	0.81	33.93
		17	2.81	1.69	0.81	34.1	2.79	1.97	0.8	33.68	2.77	2.24	0.8	33.24	2.78	2.52	0.8	33.5	2.86	2.8	0.83	35.24
		19	-	-	-	-	3.7	1.99	1.07	54.58	3.67	2.26	1.06	53.93	3.65	2.53	1.05	53.3	3.62	2.8	1.04	52.68
		20	-	-	-	-	4.17	1.99	1.19	66.28	4.14	2.27	1.19	65.52	4.11	2.54	1.18	64.76	4.09	2.8	1.17	64.02
	4	15	1.75	1.56	0.38	6.37	1.9	1.86	0.41	7.92	2.14	2.14	0.46	11.13	2.41	2.41	0.52	15.12	2.68	2.68	0.58	19.11
		17	2.46	1.54	0.53	15.99	2.44	1.81	0.53	15.7	2.46	2.1	0.53	15.97	2.55	2.39	0.55	17.23	2.71	2.68	0.58	19.42
		19	-	-	-	-	3.4	1.85	0.73	28.7	3.37	2.13	0.73	28.36	3.35	2.4	0.72	28.02	3.33	2.67	0.72	27.69
		20	-	-	-	-	3.89	1.87	0.84	36.11	3.86	2.14	0.83	35.69	3.84	2.41	0.83	35.28	3.81	2.68	0.82	34.87
	5	15	1.58	1.46	0.27	3.6	1.79	1.77	0.31	4.19	2.05	2.05	0.35	5.5	2.31	2.31	0.4	7.59	2.58	2.58	0.44	10.16
		17	2.18	1.42	0.38	6.53	2.19	1.7	0.38	6.58	2.27	2	0.39	7.19	2.39	2.29	0.41	8.33	2.58	2.58	0.45	10.23
		19	-	-	-	-	3.04	1.7	0.52	15.5	3.02	1.97	0.52	15.25	3	2.25	0.53	15	3.02	2.53	0.52	15.26
		20	-	-	-	-	3.55	1.72	0.61	21.05	3.52	2	0.61	20.79	3.5	2.27	0.6	20.53	3.47	2.54	0.6	20.27
	6	15	1.42	1.36	0.2	2.65	1.67	1.67	0.24	3.12	1.95	1.95	0.28	3.67	2.23	2.23	0.32	4.43	2.49	2.49	0.36	5.69
		17	1.89	1.29	0.27	3.5	1.97	1.6	0.28	3.67	2.1	1.91	0.3	4.02	2.28	2.21	0.33	4.62	2.5	2.49	0.36	5.71
		19	-	-	-	-	2.74	1.57	0.39	7.38	2.72	1.85	0.39	7.24	2.74	2.13	0.39	7.37	2.8	2.42	0.4	7.87
		20	-	-	-	-	3.19	1.57	0.46	11.13	3.17	1.85	0.45	10.94	3.14	2.12	0.45	10.74	3.14	2.4	0.45	10.7
9	3	15	1.44	1.4	0.42	8.76	1.69	1.69	0.49	13.21	1.97	1.97	0.57	18.42	2.25	2.25	0.65	23.09	2.53	2.53	0.73	28.06
		17	2.12	1.39	0.61	20.8	2.1	1.67	0.61	20.54	2.15	1.96	0.62	21.39	2.28	2.25	0.66	23.62	2.53	2.53	0.73	28.15
		19	-	-	-	-	3.03	1.69	0.87	37.78	3.01	1.97	0.86	37.31	2.99	2.24	0.86	36.86	2.97	2.51	0.85	36.52
		20	-	-	-	-	3.51	1.7	1.01	48.66	3.49	1.98	1	48.07	3.46	2.25	0.99	47.49	3.44	2.52	0.99	46.92
	4	15	1.33	1.32	0.29	3.66	1.6	1.6	0.34	5.25	1.86	1.86	0.4	7.99	2.13	2.13	0.46	11.47	2.41	2.41	0.52	15.23
		17	1.78	1.25	0.38	7.05	1.83	1.54	0.39	7.6	1.95	1.84	0.42	9.02	2.14	2.14	0.46	11.56	2.41	2.41	0.52	15.28
		19	-	-	-	-	2.68	1.55	0.58	18.72	2.66	1.82	0.57	18.47	2.65	2.1	0.57	18.34	2.7	2.38	0.58	18.94
		20	-	-	-	-	3.19	1.57	0.69	25.16	3.17	1.85	0.68	24.84	3.14	2.12	0.68	24.54	3.12	2.39	0.67	24.22
	5	15	1.21	1.21	0.21	2.59	1.5	1.5	0.26	3.22	1.78	1.78	0.31	4.07	2.05	2.05	0.35	5.65	2.31	2.31	0.4	7.85
		17	1.52	1.14	0.26	3.23	1.65	1.45	0.28	3.59	1.83	1.76	0.31	4.28	2.05	2.05	0.35	5.66	2.31	2.31	0.4	7.88
		19	-	-	-	-	2.33	1.41	0.4	8.09	2.32	1.69	0.4	8.01	2.37	1.98	0.41	8.51	2.48	2.27	0.43	9.56
		20	-	-	-	-	2.8	1.41	0.48	13.11	2.78	1.69	0.48	12.88	2.76	1.97	0.48	12.64	2.78	2.25	0.48	12.89
	6	15	1.09	1.09	0.16	1.92	1.39	1.39	0.2	2.44	1.67	1.67	0.24	2.95	1.95	1.95	0.28	3.51	2.22	2.22	0.32	4.43
		17	1.26	1.02	0.18	2.2	1.46	1.35	0.21	2.57	1.69	1.67	0.24	2.99	1.95	1.95	0.28	3.52	2.23	2.23	0.32	4.45
		19	-	-	-	-	2.03	1.29	0.29	3.7	2.08	1.59	0.3	3.87	2.19	1.89	0.31	4.3	2.34	2.19	0.34	5.01
		20	-	-	-	-	2.48	1.29	0.36	5.91	2.47	1.57	0.35	5.8	2.49	1.86	0.36	5.91	2.56	2.15	0.37	6.4

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

Notes:

Shaded cells indicate rating condition.

Table continued on next page ...

SF2-300C2																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	1.14	1.14	0.33	4.71	1.41	1.41	0.41	8.46	1.69	1.69	0.49	13.44	1.97	1.97	0.57	18.02	2.25	2.25	0.65	22.41
		17	1.38	1.09	0.4	8.02	1.49	1.39	0.43	9.85	1.69	1.69	0.49	13.49	1.97	1.97	0.57	18.07	2.25	2.25	0.65	22.48
		19	-	-	-	-	2.29	1.39	0.66	23.23	2.27	1.67	0.65	22.88	2.29	1.95	0.66	23.09	2.37	2.24	0.68	24.54
		20	-	-	-	-	2.8	1.41	0.81	32.91	2.78	1.69	0.8	32.48	2.76	1.96	0.8	32.06	2.74	2.23	0.79	31.72
	4	15	1.03	1.03	0.22	2.65	1.32	1.32	0.28	3.51	1.59	1.59	0.34	5.38	1.86	1.86	0.4	8.35	2.13	2.13	0.46	11.89
		17	1.16	0.99	0.25	2.98	1.35	1.31	0.29	3.67	1.59	1.59	0.34	5.39	1.86	1.86	0.4	8.39	2.14	2.14	0.46	11.94
		19	-	-	-	-	1.9	1.24	0.41	8.92	1.93	1.53	0.42	9.25	2.03	1.83	0.44	10.51	2.18	2.13	0.47	12.41
		20	-	-	-	-	2.4	1.26	0.52	15.24	2.38	1.54	0.51	14.99	2.37	1.81	0.51	14.89	2.43	2.1	0.52	15.6
	5	15	0.92	0.92	0.16	1.85	1.21	1.21	0.21	2.46	1.5	1.5	0.26	3.06	1.77	1.77	0.31	4.06	2.04	2.04	0.35	5.88
		17	0.97	0.89	0.17	1.96	1.22	1.21	0.21	2.48	1.5	1.5	0.26	3.06	1.78	1.78	0.31	4.07	2.04	2.04	0.35	5.91
		19	-	-	-	-	1.61	1.13	0.28	3.37	1.72	1.44	0.3	3.81	1.87	1.75	0.32	4.64	2.06	2.04	0.36	6.08
		20	-	-	-	-	2.05	1.13	0.35	6	2.04	1.41	0.35	5.92	2.1	1.7	0.36	6.44	2.22	2	0.38	7.41
	6	15	0.79	0.79	0.11	1.32	1.1	1.1	0.16	1.84	1.39	1.39	0.2	2.33	1.68	1.68	0.24	2.82	1.95	1.95	0.28	3.45
		17	0.81	0.78	0.12	1.34	1.1	1.1	0.16	1.84	1.39	1.39	0.2	2.34	1.68	1.68	0.24	2.82	1.96	1.96	0.28	3.46
		19	-	-	-	-	1.33	1.02	0.19	2.21	1.52	1.34	0.22	2.54	1.73	1.66	0.25	2.91	1.97	1.96	0.28	3.48
		20	-	-	-	-	1.7	1	0.24	2.82	1.77	1.3	0.26	2.97	1.91	1.61	0.27	3.3	2.07	1.92	0.3	3.88
13	3	15	0.85	0.85	0.24	2.8	1.13	1.13	0.32	4.78	1.41	1.41	0.41	8.79	1.69	1.69	0.49	13.54	1.97	1.97	0.57	17.75
		17	0.87	0.85	0.25	2.86	1.14	1.13	0.32	4.8	1.41	1.41	0.41	8.82	1.69	1.69	0.49	13.58	1.97	1.97	0.57	17.8
		19	-	-	-	-	1.47	1.08	0.42	9.94	1.56	1.38	0.45	11.41	1.72	1.69	0.5	14.1	1.98	1.97	0.57	17.85
		20	-	-	-	-	1.99	1.1	0.57	18.08	1.97	1.38	0.57	17.76	2	1.67	0.58	18.15	2.09	1.96	0.6	19.7
	4	15	0.74	0.74	0.16	1.8	1.04	1.04	0.22	2.53	1.32	1.32	0.29	3.51	1.59	1.59	0.34	5.64	1.86	1.86	0.4	8.6
		17	0.74	0.74	0.16	1.81	1.04	1.04	0.22	2.54	1.32	1.32	0.29	3.52	1.59	1.59	0.34	5.66	1.86	1.86	0.4	8.64
		19	-	-	-	-	1.23	0.98	0.27	3.08	1.4	1.3	0.3	3.99	1.6	1.59	0.35	5.74	1.86	1.86	0.4	8.68
		20	-	-	-	-	1.59	0.96	0.34	5.63	1.63	1.25	0.35	6.02	1.74	1.55	0.38	7.24	1.91	1.85	0.41	9.22
	5	15	0.61	0.61	0.11	1.17	0.92	0.92	0.16	1.76	1.21	1.21	0.21	2.33	1.5	1.5	0.26	2.94	1.77	1.77	0.3	4.12
		17	0.61	0.61	0.11	1.17	0.92	0.92	0.16	1.76	1.22	1.22	0.21	2.34	1.5	1.5	0.26	2.95	1.77	1.77	0.31	4.14
		19	-	-	-	-	1	0.88	0.17	1.92	1.24	1.2	0.21	2.39	1.5	1.5	0.26	2.95	1.78	1.78	0.31	4.16
		20	-	-	-	-	1.24	0.84	0.21	2.36	1.4	1.16	0.24	2.68	1.59	1.47	0.27	3.23	1.8	1.77	0.31	4.27
	6	15	0.47	0.47	0.07	0.73	0.8	0.8	0.11	1.25	1.1	1.1	0.16	1.74	1.39	1.39	0.2	2.21	1.68	1.68	0.24	2.67
		17	0.47	0.47	0.07	0.73	0.8	0.8	0.11	1.25	1.1	1.1	0.16	1.74	1.4	1.4	0.2	2.21	1.68	1.68	0.24	2.68
		19	-	-	-	-	0.83	0.78	0.12	1.29	1.11	1.1	0.16	1.75	1.4	1.4	0.2	2.21	1.68	1.68	0.24	2.68
		20	-	-	-	-	0.95	0.72	0.14	1.48	1.19	1.06	0.17	1.87	1.43	1.38	0.21	2.27	1.69	1.68	0.24	2.69
15	3	15	0.56	0.56	0.16	1.73	0.85	0.85	0.24	2.68	1.13	1.13	0.32	4.97	1.4	1.4	0.4	8.92	1.69	1.69	0.48	13.33
		17	0.56	0.56	0.16	1.73	0.85	0.85	0.24	2.69	1.13	1.13	0.32	4.99	1.41	1.41	0.4	8.96	1.69	1.69	0.48	13.37
		19	-	-	-	-	0.89	0.84	0.26	2.85	1.13	1.13	0.32	4.99	1.41	1.41	0.4	9	1.69	1.69	0.49	13.41
		20	-	-	-	-	1.12	0.8	0.32	4.84	1.24	1.1	0.35	6.38	1.42	1.41	0.41	9.25	1.69	1.69	0.49	13.43
	4	15	0.43	0.43	0.09	0.98	0.74	0.74	0.16	1.71	1.03	1.03	0.22	2.4	1.32	1.32	0.28	3.51	1.58	1.58	0.34	5.76
		17	0.43	0.43	0.09	0.98	0.74	0.74	0.16	1.71	1.04	1.04	0.22	2.4	1.32	1.32	0.28	3.52	1.59	1.59	0.34	5.78
		19	-	-	-	-	0.75	0.74	0.16	1.72	1.04	1.04	0.22	2.4	1.32	1.32	0.28	3.54	1.59	1.59	0.34	5.81
		20	-	-	-	-	0.86	0.69	0.18	1.97	1.08	1.02	0.23	2.51	1.32	1.32	0.28	3.55	1.59	1.59	0.34	5.82
	5	15	0.27	0.27	0.05	0.49	0.62	0.62	0.11	1.13	0.93	0.93	0.16	1.7	1.22	1.22	0.21	2.24	1.5	1.5	0.26	2.92
		17	0.27	0.27	0.05	0.49	0.62	0.62	0.11	1.13	0.93	0.93	0.16	1.7	1.22	1.22	0.21	2.24	1.5	1.5	0.26	2.93
		19	-	-	-	-	0.62	0.62	0.11	1.13	0.93	0.93	0.16	1.7	1.22	1.22	0.21	2.24	1.51	1.51	0.26	2.94
		20	-	-	-	-	0.65	0.59	0.11	1.19	0.94	0.92	0.16	1.72	1.22	1.22	0.21	2.24	1.51	1.51	0.26	2.94
	6	15	-	-	-	-	0.47	0.47	0.07	0.7	0.8	0.8	0.12	1.2	1.11	1.11	0.16	1.66	1.4	1.4	0.2	2.1
		17	-	-	-	-	0.47	0.47	0.07	0.7	0.8	0.8	0.12	1.2	1.11	1.11	0.16	1.66	1.4	1.4	0.2	2.1
		19	-	-	-	-	0.48	0.48	0.07	0.7	0.8	0.8	0.12	1.2	1.11	1.11	0.16	1.66	1.4	1.4	0.2	2.11
		20	-	-	-	-	0.48	0.47	0.07	0.71	0.8	0.8	0.12	1.2	1.11	1.11	0.16	1.67	1.4	1.4	0.2	2.11

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

SF2-400C2																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	3.23	2.44	0.93	30.23	3.21	2.78	0.93	29.94	3.27	3.14	0.95	30.94	3.49	3.49	1.01	34.49	3.83	3.83	1.11	40.43
		17	4.27	2.46	1.23	48.65	4.25	2.8	1.23	48.43	4.22	3.14	1.22	47.93	4.2	3.48	1.21	47.44	4.19	3.81	1.21	47.17
		19	-	-	-	-	5.36	2.82	1.55	72.22	5.33	3.16	1.54	71.44	5.29	3.5	1.53	70.67	5.26	3.83	1.52	69.94
		20	-	-	-	-	5.94	2.83	1.72	86.78	5.91	3.17	1.71	85.92	5.88	3.51	1.7	85.06	5.84	3.84	1.69	84.21
	4	15	2.85	2.26	0.61	14.73	2.9	2.62	0.63	15.24	3.06	2.99	0.66	16.74	3.35	3.35	0.72	19.55	3.69	3.69	0.8	23.05
		17	3.94	2.3	0.85	25.7	3.91	2.64	0.84	25.43	3.89	2.99	0.84	25.17	3.87	3.32	0.84	24.99	3.93	3.67	0.85	25.61
		19	-	-	-	-	5.03	2.67	1.08	38.85	5.01	3.01	1.08	38.89	4.98	3.35	1.08	38.51	4.95	3.69	1.07	38.12
		20	-	-	-	-	5.63	2.68	1.21	47.06	5.6	3.02	1.2	46.6	5.56	3.36	1.2	46.13	5.53	3.69	1.19	45.68
	5	15	2.53	2.11	0.43	6.31	2.66	2.48	0.46	7.31	2.87	2.85	0.5	8.97	3.19	3.19	0.55	11.69	3.54	3.54	0.61	14.53
		17	3.53	2.12	0.61	14.46	3.51	2.46	0.61	14.28	3.49	2.8	0.6	14.14	3.55	3.16	0.61	14.58	3.68	3.52	0.64	15.6
		19	-	-	-	-	4.69	2.51	0.81	23.52	4.66	2.85	0.8	23.29	4.63	3.19	0.8	23.05	4.6	3.53	0.79	22.82
		20	-	-	-	-	5.29	2.53	0.91	28.95	5.26	2.87	0.91	28.66	5.23	3.21	0.9	28.38	5.2	3.54	0.9	28.08
	6	15	2.31	1.99	0.33	3.26	2.5	2.37	0.36	3.82	2.75	2.74	0.39	4.9	3.07	3.07	0.44	6.61	3.4	3.4	0.49	8.7
		17	3.15	1.95	0.45	7.13	3.13	2.29	0.45	7.02	3.17	2.65	0.46	7.28	3.29	3.02	0.47	8.02	3.48	3.38	0.5	9.23
		19	-	-	-	-	4.27	2.32	0.61	14.6	4.24	2.67	0.61	14.44	4.22	3.01	0.61	14.27	4.2	3.35	0.6	14.15
		20	-	-	-	-	4.9	2.35	0.7	18.53	4.87	2.7	0.7	18.35	4.85	3.04	0.7	18.16	4.82	3.37	0.69	17.98
7	3	15	2.45	2.08	0.71	18.48	2.55	2.44	0.74	19.81	2.8	2.8	0.81	23.26	3.15	3.15	0.91	28.37	3.48	3.48	1	33.36
		17	3.5	2.1	1	33.59	3.48	2.44	1	33.22	3.45	2.79	0.99	32.85	3.46	3.13	0.99	32.93	3.56	3.48	1.02	34.63
		19	-	-	-	-	4.6	2.46	1.32	53.77	4.57	2.81	1.31	53.22	4.54	3.15	1.3	52.67	4.51	3.48	1.3	52.12
		20	-	-	-	-	5.19	2.47	1.5	67.22	5.16	2.82	1.49	66.54	5.13	3.16	1.48	65.85	5.1	3.49	1.47	65.18
	4	15	2.14	1.92	0.46	7.66	2.33	2.29	0.5	9.6	2.65	2.65	0.57	12.81	3	3	0.65	15.96	3.35	3.35	0.72	19.19
		17	3.12	1.93	0.67	16.97	3.1	2.28	0.67	16.77	3.1	2.63	0.67	16.8	3.19	2.99	0.69	17.69	3.38	3.35	0.73	19.5
		19	-	-	-	-	4.25	2.31	0.91	28.5	4.22	2.65	0.91	28.2	4.2	2.99	0.9	27.91	4.17	3.33	0.9	27.6
		20	-	-	-	-	4.85	2.32	1.04	35.75	4.82	2.67	1.04	35.38	4.79	3.01	1.03	35.02	4.76	3.34	1.02	34.67
	5	15	1.95	1.81	0.34	3.37	2.2	2.18	0.38	4.52	2.52	2.52	0.43	6.56	2.86	2.86	0.49	9.14	3.2	3.2	0.55	11.88
		17	2.68	1.75	0.46	7.82	2.68	2.1	0.46	7.82	2.78	2.47	0.48	8.55	2.95	2.84	0.51	9.93	3.21	3.2	0.55	11.95
		19	-	-	-	-	3.84	2.14	0.66	16.36	3.82	2.48	0.66	16.19	3.8	2.83	0.66	16	3.8	3.17	0.65	16.04
		20	-	-	-	-	4.47	2.16	0.77	21.14	4.44	2.5	0.76	20.92	4.41	2.85	0.76	20.7	4.39	3.18	0.75	20.48
	6	15	1.76	1.68	0.25	2.24	2.07	2.06	0.3	2.69	2.41	2.41	0.35	3.59	2.74	2.74	0.39	5.03	3.07	3.07	0.44	6.85
		17	2.35	1.61	0.34	3.4	2.43	1.98	0.35	3.67	2.58	2.35	0.37	4.3	2.79	2.72	0.4	5.31	3.07	3.07	0.44	6.87
		19	-	-	-	-	3.38	1.95	0.48	8.86	3.36	2.29	0.48	8.71	3.37	2.64	0.48	8.77	3.46	3	0.5	9.34
		20	-	-	-	-	4.02	1.97	0.58	12.85	3.99	2.32	0.57	12.7	3.97	2.66	0.57	12.55	3.94	3	0.56	12.41
9	3	15	1.78	1.73	0.51	10.3	2.1	2.1	0.61	14.08	2.45	2.45	0.7	18.07	2.8	2.8	0.8	22.63	3.14	3.14	0.9	27.55
		17	2.66	1.73	0.76	20.67	2.63	2.08	0.76	20.38	2.68	2.43	0.77	21	2.84	2.8	0.81	23.16	3.14	3.14	0.9	27.62
		19	-	-	-	-	3.78	2.11	1.09	38.36	3.76	2.45	1.09	37.94	3.73	2.79	1.08	37.52	3.71	3.13	1.07	37.1
		20	-	-	-	-	4.37	2.12	1.27	49.34	4.35	2.46	1.26	48.82	4.32	2.8	1.25	48.3	4.29	3.14	1.24	47.79
	4	15	1.63	1.62	0.35	3.81	1.96	1.96	0.42	6.27	2.3	2.3	0.5	9.45	2.66	2.66	0.57	12.64	3	3	0.65	15.59
		17	2.19	1.54	0.47	8.4	2.25	1.91	0.48	8.94	2.41	2.28	0.52	10.49	2.66	2.66	0.57	12.71	3.01	3.01	0.65	15.63
		19	-	-	-	-	3.39	1.95	0.73	19.18	3.37	2.29	0.73	18.96	3.34	2.63	0.72	18.75	3.38	2.98	0.73	19.15
		20	-	-	-	-	4.01	1.96	0.87	25.64	3.98	2.31	0.86	25.37	3.96	2.65	0.86	25.09	3.93	2.99	0.85	24.82
	5	15	1.49	1.49	0.26	2.19	1.85	1.85	0.32	3.01	2.18	2.18	0.38	4.63	2.52	2.52	0.43	6.83	2.86	2.86	0.49	9.32
		17	1.88	1.41	0.32	3.13	2.02	1.79	0.35	3.78	2.23	2.17	0.39	4.94	2.52	2.52	0.43	6.85	2.86	2.86	0.49	9.35
		19	-	-	-	-	2.9	1.75	0.5	9.69	2.88	2.1	0.5	9.54	2.94	2.46	0.51	9.99	3.08	2.83	0.53	10.99
		20	-	-	-	-	3.57	1.79	0.62	14.31	3.54	2.13	0.61	14.01	3.51	2.47	0.6	13.84	3.51	2.82	0.61	13.87
	6	15	1.35	1.35	0.19	1.62	1.71	1.71	0.25	2.06	2.07	2.07	0.3	2.62	2.41	2.41	0.35	3.73	2.74	2.74	0.39	5.28
		17	1.57	1.27	0.23	1.87	1.82	1.67	0.26	2.18	2.09	2.06	0.3	2.68	2.41	2.41	0.35	3.74	2.74	2.74	0.39	5.3
		19	-	-	-	-	2.5	1.6	0.36	4.18	2.55	1.96	0.37	4.4	2.68	2.33	0.39	5.02	2.86	2.7	0.41	5.94
		20	-	-	-	-	3.06	1.59	0.44	7.13	3.04	1.94	0.44	7	3.05	2.29	0.44	7.07	3.15	2.66	0.45	7.63

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

Notes: Shaded cells indicate rating condition.

Table continued on next page ...

SF2-400C2																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	1.39	1.39	0.4	5.63	1.74	1.74	0.5	9.78	2.1	2.1	0.6	13.73	2.45	2.45	0.71	18.04	2.8	2.8	0.81	22.58
		17	1.71	1.35	0.49	9.36	1.85	1.73	0.53	11.03	2.11	2.1	0.61	13.77	2.46	2.46	0.71	18.09	2.8	2.8	0.81	22.64
		19	-	-	-	-	2.89	1.74	0.83	23.76	2.86	2.09	0.83	23.46	2.86	2.44	0.83	23.46	2.95	2.79	0.85	24.76
		20	-	-	-	-	3.49	1.76	1.01	32.95	3.47	2.1	1	32.58	3.44	2.45	1	32.21	3.42	2.79	0.99	31.82
	4	15	1.27	1.27	0.27	2.27	1.62	1.62	0.35	3.93	1.96	1.96	0.42	6.47	2.3	2.3	0.5	9.63	2.66	2.66	0.57	12.48
		17	1.44	1.22	0.31	2.85	1.66	1.6	0.36	4.2	1.96	1.96	0.42	6.48	2.31	2.31	0.5	9.66	2.66	2.66	0.57	12.52
		19	-	-	-	-	2.39	1.55	0.52	10.39	2.41	1.91	0.52	10.51	2.53	2.28	0.55	11.49	2.73	2.66	0.59	13.05
		20	-	-	-	-	3.05	1.59	0.66	15.74	3.03	1.93	0.65	15.55	3.01	2.28	0.65	15.36	3.06	2.63	0.66	15.82
	5	15	1.13	1.13	0.2	1.57	1.5	1.5	0.26	2.09	1.85	1.85	0.32	3.1	2.18	2.18	0.38	4.84	2.52	2.52	0.44	7.11
		17	1.21	1.1	0.21	1.66	1.51	1.49	0.26	2.11	1.85	1.85	0.32	3.11	2.18	2.18	0.38	4.86	2.52	2.52	0.44	7.13
		19	-	-	-	-	1.98	1.4	0.34	3.77	2.1	1.77	0.36	4.42	2.29	2.15	0.4	5.57	2.54	2.52	0.44	7.29
		20	-	-	-	-	2.53	1.39	0.44	7.26	2.52	1.74	0.44	7.14	2.59	2.11	0.45	7.67	2.74	2.48	0.47	8.76
	6	15	0.99	0.99	0.14	1.12	1.36	1.36	0.2	1.55	1.72	1.72	0.25	1.98	2.07	2.07	0.3	2.65	2.4	2.4	0.35	3.87
		17	1.01	0.97	0.15	1.14	1.36	1.36	0.2	1.56	1.72	1.72	0.25	1.98	2.07	2.07	0.3	2.66	2.41	2.41	0.35	3.89
		19	-	-	-	-	1.66	1.27	0.24	1.88	1.89	1.67	0.27	2.22	2.14	2.05	0.31	2.85	2.41	2.41	0.35	3.93
		20	-	-	-	-	2.12	1.25	0.31	2.82	2.19	1.62	0.32	3.04	2.34	1.99	0.34	3.62	2.54	2.36	0.37	4.5
13	3	15	1.05	1.05	0.3	2.73	1.39	1.39	0.4	5.86	1.75	1.75	0.5	9.92	2.1	2.1	0.61	13.61	2.45	2.45	0.71	17.66
		17	1.07	1.04	0.31	2.88	1.39	1.39	0.4	5.88	1.75	1.75	0.5	9.94	2.11	2.11	0.61	13.65	2.46	2.46	0.71	17.71
		19	-	-	-	-	1.87	1.36	0.54	11.09	1.96	1.73	0.56	12.04	2.15	2.11	0.62	14.15	2.46	2.46	0.71	17.74
		20	-	-	-	-	2.51	1.38	0.72	18.35	2.49	1.73	0.72	18.08	2.5	2.08	0.72	18.24	2.61	2.45	0.75	19.64
	4	15	0.92	0.92	0.2	1.53	1.28	1.28	0.28	2.26	1.62	1.62	0.35	4.06	1.96	1.96	0.42	6.77	2.31	2.31	0.5	9.73
		17	0.92	0.92	0.2	1.53	1.28	1.28	0.28	2.26	1.62	1.62	0.35	4.08	1.96	1.96	0.42	6.8	2.32	2.32	0.5	9.75
		19	-	-	-	-	1.51	1.21	0.33	3.35	1.7	1.59	0.37	4.67	1.97	1.96	0.43	6.87	2.32	2.32	0.5	9.78
		20	-	-	-	-	1.97	1.19	0.42	6.84	2.01	1.55	0.43	7.19	2.16	1.93	0.47	8.48	2.38	2.31	0.51	10.24
	5	15	0.76	0.76	0.13	0.99	1.14	1.14	0.2	1.49	1.5	1.5	0.26	2.02	1.84	1.84	0.32	3.14	2.18	2.18	0.37	4.94
		17	0.76	0.76	0.13	0.99	1.14	1.14	0.2	1.49	1.5	1.5	0.26	2.02	1.85	1.85	0.32	3.16	2.18	2.18	0.37	4.96
		19	-	-	-	-	1.25	1.09	0.21	1.63	1.54	1.49	0.26	2.1	1.85	1.85	0.32	3.16	2.18	2.18	0.38	4.98
		20	-	-	-	-	1.55	1.04	0.27	2.12	1.73	1.43	0.3	2.66	1.94	1.81	0.33	3.63	2.2	2.18	0.38	5.1
	6	15	0.59	0.59	0.08	0.63	0.99	0.99	0.14	1.06	1.36	1.36	0.2	1.47	1.72	1.72	0.25	1.89	2.07	2.07	0.3	2.67
		17	0.59	0.59	0.08	0.63	0.99	0.99	0.14	1.06	1.37	1.37	0.2	1.47	1.73	1.73	0.25	1.89	2.07	2.07	0.3	2.68
		19	-	-	-	-	1.03	0.96	0.15	1.1	1.38	1.36	0.2	1.48	1.73	1.73	0.25	1.89	2.08	2.08	0.3	2.69
		20	-	-	-	-	1.19	0.9	0.17	1.27	1.48	1.31	0.21	1.59	1.78	1.71	0.25	1.97	2.08	2.08	0.3	2.7
15	3	15	0.69	0.69	0.2	1.46	1.05	1.05	0.3	2.77	1.39	1.39	0.4	5.97	1.75	1.75	0.5	9.72	2.1	2.1	0.6	13.29
		17	0.69	0.69	0.2	1.47	1.05	1.05	0.3	2.78	1.39	1.39	0.4	5.99	1.75	1.75	0.5	9.75	2.1	2.1	0.6	13.32
		19	-	-	-	-	1.09	1.03	0.31	3.09	1.39	1.39	0.4	5.98	1.75	1.75	0.5	9.77	2.11	2.11	0.61	13.36
		20	-	-	-	-	1.37	0.98	0.39	5.75	1.53	1.37	0.44	7.51	1.78	1.75	0.51	9.99	2.11	2.11	0.61	13.37
	4	15	0.53	0.53	0.11	0.84	0.92	0.92	0.2	1.45	1.28	1.28	0.27	2.24	1.61	1.61	0.35	4.16	1.96	1.96	0.42	6.98
		17	0.53	0.53	0.11	0.84	0.92	0.92	0.2	1.45	1.28	1.28	0.28	2.25	1.62	1.62	0.35	4.18	1.96	1.96	0.43	7.01
		19	-	-	-	-	0.92	0.91	0.2	1.46	1.28	1.28	0.28	2.25	1.62	1.62	0.35	4.19	1.97	1.97	0.43	7.03
		20	-	-	-	-	1.07	0.86	0.23	1.68	1.33	1.26	0.29	2.48	1.62	1.62	0.35	4.2	1.97	1.97	0.43	7.05
	5	15	0.35	0.35	0.06	0.43	0.77	0.77	0.13	0.96	1.15	1.15	0.2	1.44	1.51	1.51	0.26	2.01	1.84	1.84	0.32	3.32
		17	0.35	0.35	0.06	0.43	0.77	0.77	0.13	0.96	1.15	1.15	0.2	1.44	1.51	1.51	0.26	2.02	1.85	1.85	0.32	3.33
		19	-	-	-	-	0.77	0.77	0.13	0.96	1.15	1.15	0.2	1.44	1.51	1.51	0.26	2.02	1.85	1.85	0.32	3.34
		20	-	-	-	-	0.82	0.73	0.14	1.02	1.16	1.14	0.2	1.46	1.51	1.51	0.26	2.02	1.85	1.85	0.32	3.35
	6	15	-	-	-	-	0.59	0.59	0.09	0.6	1	1	0.14	1.02	1.37	1.37	0.2	1.41	1.73	1.73	0.25	1.84
		17	-	-	-	-	0.59	0.59	0.09	0.6	1	1	0.14	1.02	1.37	1.37	0.2	1.41	1.73	1.73	0.25	1.85
		19	-	-	-	-	0.59	0.59	0.09	0.6	1	1	0.14	1.02	1.37	1.37	0.2	1.41	1.73	1.73	0.25	1.85
		20	-	-	-	-	0.6	0.59	0.09	0.61	1	1	0.14	1.02	1.37	1.37	0.2	1.41	1.73	1.73	0.25	1.86

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

SF2-500C2																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	4	3.01	1.15	45.6	3.96	3.43	1.15	44.96	4.03	3.86	1.16	46.22	4.28	4.27	1.23	50.93	4.68	4.68	1.34	59.27
		17	5.27	3.03	1.52	73.42	5.23	3.45	1.51	72.4	5.19	3.86	1.5	71.44	5.15	4.27	1.49	70.53	5.12	4.67	1.48	69.93
		19	-	-	-	-	6.59	3.47	1.91	108.89	6.54	3.88	1.9	107.41	6.49	4.29	1.88	105.99	6.43	4.68	1.85	103.14
		20	-	-	-	-	7.29	3.47	2.11	128.69	7.24	3.88	2.09	126.98	7.19	4.29	2.08	125.35	7.14	4.69	2.07	124.55
	4	15	3.55	2.8	0.77	22.57	3.59	3.24	0.78	23.07	3.77	3.69	0.81	25.05	4.11	4.11	0.89	29.05	4.52	4.52	0.98	34.15
		17	4.87	2.84	1.05	38.73	4.83	3.26	1.04	38.2	4.79	3.67	1.04	37.68	4.76	4.08	1.03	37.25	4.81	4.5	1.04	37.98
		19	-	-	-	-	6.2	3.28	1.33	58.24	6.15	3.7	1.32	57.47	6.1	4.11	1.31	56.72	6.06	4.51	1.3	55.98
		20	-	-	-	-	6.92	3.29	1.49	70.55	6.87	3.71	1.48	69.62	6.82	4.12	1.47	68.71	6.77	4.52	1.46	67.83
	5	15	3.08	2.58	0.53	11.29	3.25	3.04	0.56	12.76	3.53	3.5	0.61	15.13	3.93	3.93	0.68	18.3	4.35	4.35	0.75	21.7
		17	4.4	2.63	0.76	22.16	4.37	3.05	0.75	21.85	4.33	3.47	0.75	21.55	4.38	3.89	0.76	21.97	4.53	4.33	0.78	23.24
		19	-	-	-	-	5.78	3.09	0.99	34.98	5.73	3.51	0.99	34.51	5.69	3.92	0.98	34.05	5.64	4.32	0.97	33.61
		20	-	-	-	-	6.52	3.11	1.12	42.99	6.47	3.52	1.11	42.42	6.42	3.93	1.1	41.87	6.37	4.34	1.1	41.33
	6	15	2.79	2.43	0.4	5.39	3.02	2.89	0.43	6.64	3.33	3.33	0.48	8.66	3.74	3.74	0.54	11.6	4.16	4.16	0.6	14.56
		17	3.85	2.39	0.55	12.46	3.82	2.81	0.55	12.21	3.87	3.25	0.56	12.56	4.02	3.69	0.58	13.62	4.25	4.14	0.61	15.2
		19	-	-	-	-	5.31	2.88	0.76	22.22	5.27	3.3	0.76	21.92	5.23	3.71	0.75	21.62	5.19	4.12	0.75	21.35
		20	-	-	-	-	6.06	2.91	0.87	27.68	6.01	3.32	0.86	27.3	5.97	3.73	0.86	26.94	5.92	4.14	0.85	26.59
7	3	15	3.04	2.57	0.88	27.92	3.15	3.01	0.91	29.72	3.44	3.44	0.99	34.24	3.86	3.86	1.11	41.65	4.26	4.26	1.22	49.51
		17	4.32	2.59	1.24	50.61	4.28	3.01	1.23	49.89	4.25	3.42	1.22	49.17	4.24	3.84	1.22	49.04	4.36	4.26	1.25	51.39
		19	-	-	-	-	5.65	3.03	1.62	80.72	5.61	3.44	1.61	79.62	5.56	3.85	1.6	78.54	5.52	4.26	1.59	77.49
		20	-	-	-	-	6.37	3.04	1.83	99.59	6.33	3.46	1.83	99.53	6.28	3.87	1.82	98.35	6.23	4.27	1.81	97.06
	4	15	2.63	2.36	0.57	13.21	2.88	2.83	0.62	15.59	3.27	3.27	0.71	19.32	3.69	3.69	0.8	23.69	4.1	4.1	0.88	28.14
		17	3.86	2.39	0.83	25.38	3.83	2.81	0.82	25	3.82	3.23	0.82	24.89	3.92	3.67	0.84	26.06	4.14	4.1	0.89	28.6
		19	-	-	-	-	5.24	2.85	1.13	42.75	5.19	3.26	1.12	42.17	5.15	3.67	1.11	41.59	5.11	4.08	1.1	41.01
		20	-	-	-	-	5.98	2.86	1.29	54.2	5.93	3.28	1.28	53.47	5.88	3.69	1.27	52.76	5.84	4.1	1.26	52.06
	5	15	2.36	2.2	0.41	5.77	2.67	2.65	0.46	8.02	3.08	3.08	0.53	11.47	3.51	3.51	0.61	14.81	3.93	3.93	0.67	17.81
		17	3.32	2.16	0.57	13.4	3.31	2.59	0.57	13.3	3.42	3.03	0.59	14.16	3.63	3.49	0.62	15.58	3.94	3.93	0.68	17.9
		19	-	-	-	-	4.76	2.64	0.82	24.7	4.72	3.06	0.81	24.35	4.7	3.48	0.82	24	4.67	3.89	0.8	23.9
		20	-	-	-	-	5.52	2.67	0.95	31.75	5.47	3.08	0.94	31.32	5.43	3.5	0.93	30.89	5.39	3.9	0.93	30.48
	6	15	2.16	2.06	0.31	2.99	2.51	2.51	0.36	4.2	2.92	2.92	0.42	6.28	3.32	3.32	0.48	8.83	3.74	3.74	0.54	11.68
		17	2.8	1.94	0.4	5.69	2.91	2.4	0.42	6.26	3.1	2.86	0.44	7.41	3.38	3.31	0.48	9.22	3.74	3.74	0.54	11.71
		19	-	-	-	-	4.21	2.41	0.6	14.6	4.17	2.83	0.6	14.37	4.16	3.25	0.6	14.31	4.25	3.69	0.61	14.89
		20	-	-	-	-	5.01	2.45	0.72	19.7	4.97	2.87	0.71	19.41	4.93	3.29	0.71	19.14	4.88	3.7	0.7	18.86
9	3	15	2.21	2.14	0.63	15.84	2.59	2.59	0.74	20.78	3.02	3.02	0.87	26.93	3.43	3.43	0.99	33.64	3.85	3.85	1.11	41.4
		17	3.29	2.14	0.94	31.19	3.25	2.56	0.93	30.66	3.3	2.99	0.95	31.36	3.48	3.43	1	34.42	3.85	3.85	1.11	41.51
		19	-	-	-	-	4.64	2.59	1.34	56.66	4.61	3.01	1.33	56.31	4.58	3.42	1.33	55.91	4.54	3.83	1.31	55.1
		20	-	-	-	-	5.38	2.6	1.56	73.67	5.34	3.02	1.55	73.03	5.29	3.44	1.54	72.03	5.25	3.84	1.52	71.03
	4	15	1.98	1.97	0.43	6.78	2.4	2.4	0.52	10.88	2.84	2.84	0.61	14.83	3.27	3.27	0.7	18.92	3.68	3.68	0.79	23.21
		17	2.74	1.91	0.59	13.92	2.79	2.36	0.6	14.4	2.98	2.82	0.64	16.12	3.28	3.27	0.71	19.04	3.69	3.69	0.8	23.27
		19	-	-	-	-	4.19	2.4	0.91	29.04	4.16	2.82	0.9	28.61	4.12	3.24	0.89	28.17	4.15	3.66	0.9	28.58
		20	-	-	-	-	4.94	2.42	1.07	38.43	4.89	2.84	1.06	37.89	4.86	3.25	1.05	37.37	4.82	3.66	1.04	36.84
	5	15	1.83	1.83	0.32	3.09	2.24	2.24	0.39	5.22	2.66	2.66	0.46	8.25	3.08	3.08	0.53	11.5	3.51	3.51	0.6	14.51
		17	2.25	1.71	0.39	5.29	2.43	2.18	0.42	6.57	2.71	2.64	0.47	8.69	3.08	3.08	0.53	11.52	3.51	3.51	0.61	14.55
		19	-	-	-	-	3.64	2.18	0.63	15.5	3.6	2.6	0.62	15.24	3.65	3.04	0.63	15.61	3.8	3.48	0.66	16.72
		20	-	-	-	-	4.43	2.22	0.77	21.63	4.39	2.64	0.76	21.31	4.35	3.05	0.75	20.99	4.34	3.47	0.75	20.88
	6	15	1.65	1.65	0.24	2.08	2.1	2.1	0.3	2.81	2.51	2.51	0.36	4.37	2.91	2.91	0.42	6.49	3.32	3.32	0.48	9.11
		17	1.92	1.56	0.27	2.43	2.21	2.04	0.32	3.14	2.53	2.5	0.36	4.49	2.91	2.91	0.42	6.51	3.33	3.33	0.48	9.14
		19	-	-	-	-	2.99	1.93	0.43	7.04	3.06	2.38	0.44	7.45	3.23	2.84	0.46	8.56	3.48	3.29	0.5	10.13
		20	-	-	-	-	3.8	1.97	0.54	12.04	3.76	2.39	0.54	11.82	3.75	2.82	0.54	11.8	3.87	3.26	0.55	12.45

Abbreviations:

EWT: Enter Water Temp. ($^{\circ}\text{C}$) ΔT : Temperature Difference. ($^{\circ}\text{C}$) DB: Dry Bulb Temp. ($^{\circ}\text{C}$) WF: Water Flow. (m³/h)
WB: Wet Bulb Temp. ($^{\circ}\text{C}$) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

Notes:
Shaded cells indicate rating condition.

Table continued on next page ...

SF2-500C2																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	1.71	1.71	0.49	9.8	2.16	2.16	0.62	15.17	2.59	2.59	0.75	20.7	3.01	3.01	0.86	26.44	3.43	3.43	0.99	33.46
		17	2.15	1.68	0.62	15.02	2.3	2.14	0.66	16.9	2.59	2.59	0.75	20.78	3.01	3.01	0.87	26.51	3.43	3.43	0.99	33.55
		19	-	-	-	-	3.56	2.15	1.03	35.68	3.53	2.57	1.02	35.12	3.51	2.99	1.02	34.93	3.62	3.42	1.05	36.7
		20	-	-	-	-	4.29	2.16	1.23	48.67	4.25	2.58	1.22	47.94	4.21	2.99	1.21	47.23	4.18	3.4	1.2	46.5
	4	15	1.55	1.55	0.33	3.61	1.97	1.97	0.42	6.89	2.4	2.4	0.52	10.95	2.84	2.84	0.61	14.6	3.26	3.26	0.71	18.69
		17	1.73	1.49	0.37	4.95	2.01	1.95	0.43	7.28	2.4	2.4	0.52	10.96	2.84	2.84	0.61	14.64	3.27	3.27	0.71	18.74
		19	-	-	-	-	3	1.93	0.65	15.97	2.99	2.36	0.65	15.97	3.13	2.81	0.67	17.19	3.35	3.26	0.73	19.58
		20	-	-	-	-	3.79	1.96	0.82	24.06	3.75	2.39	0.81	23.68	3.72	2.8	0.81	23.3	3.76	3.23	0.81	23.78
	5	15	1.39	1.39	0.24	2.01	1.83	1.83	0.32	3.16	2.24	2.24	0.39	5.44	2.65	2.65	0.46	8.49	3.09	3.09	0.53	11.55
		17	1.47	1.35	0.25	2.14	1.84	1.82	0.32	3.22	2.24	2.24	0.39	5.46	2.66	2.66	0.46	8.52	3.09	3.09	0.53	11.59
		19	-	-	-	-	2.37	1.7	0.41	6.44	2.54	2.16	0.44	7.65	2.79	2.63	0.48	9.54	3.12	3.09	0.54	11.78
		20	-	-	-	-	3.16	1.73	0.55	12.02	3.13	2.15	0.54	11.79	3.21	2.6	0.55	12.31	3.38	3.05	0.59	13.51
	6	15	1.2	1.2	0.17	1.44	1.66	1.66	0.24	1.99	2.1	2.1	0.3	2.85	2.5	2.5	0.36	4.53	2.91	2.91	0.42	6.8
		17	1.23	1.18	0.18	1.46	1.66	1.66	0.24	1.99	2.1	2.1	0.3	2.86	2.5	2.5	0.36	4.55	2.91	2.91	0.42	6.82
		19	-	-	-	-	2.02	1.55	0.29	2.63	2.27	2.02	0.33	3.52	2.57	2.48	0.37	4.88	2.92	2.92	0.42	6.86
		20	-	-	-	-	2.51	1.5	0.36	4.65	2.6	1.95	0.37	5.09	2.8	2.41	0.4	6.19	3.06	2.87	0.44	7.75
13	3	15	1.28	1.28	0.37	4.85	1.71	1.71	0.49	9.99	2.16	2.16	0.62	14.84	2.58	2.58	0.75	20.22	3	3	0.86	25.81
		17	1.3	1.27	0.37	5.05	1.71	1.71	0.49	10.02	2.16	2.16	0.62	14.88	2.59	2.59	0.75	20.27	3.01	3.01	0.86	25.88
		19	-	-	-	-	2.32	1.68	0.67	16.84	2.42	2.13	0.7	18.06	2.65	2.58	0.76	21.04	3.01	3.01	0.86	25.93
		20	-	-	-	-	3.09	1.7	0.89	27.13	3.06	2.13	0.88	26.64	3.07	2.55	0.88	26.75	3.19	2.99	0.92	28.71
	4	15	1.12	1.12	0.24	1.96	1.55	1.55	0.33	3.79	1.97	1.97	0.43	7.19	2.41	2.41	0.52	10.94	2.84	2.84	0.61	14.3
		17	1.12	1.12	0.24	1.96	1.55	1.55	0.34	3.8	1.97	1.97	0.43	7.22	2.41	2.41	0.52	10.96	2.84	2.84	0.61	14.34
		19	-	-	-	-	1.81	1.47	0.39	5.75	2.07	1.95	0.45	8.12	2.42	2.41	0.52	11.05	2.84	2.84	0.61	14.38
		20	-	-	-	-	2.46	1.47	0.53	11.28	2.49	1.92	0.54	11.55	2.66	2.37	0.57	12.82	2.92	2.83	0.63	15.04
	5	15	0.93	0.93	0.16	1.27	1.39	1.39	0.24	1.91	1.82	1.82	0.31	3.19	2.23	2.23	0.38	5.53	2.65	2.65	0.46	8.5
		17	0.93	0.93	0.16	1.27	1.39	1.39	0.24	1.92	1.82	1.82	0.31	3.2	2.23	2.23	0.38	5.55	2.66	2.66	0.46	8.53
		19	-	-	-	-	1.52	1.33	0.26	2.15	1.86	1.8	0.32	3.38	2.23	2.23	0.38	5.56	2.66	2.66	0.46	8.56
		20	-	-	-	-	1.85	1.26	0.32	3.38	2.06	1.73	0.35	4.49	2.34	2.2	0.4	6.3	2.68	2.66	0.46	8.7
	6	15	0.72	0.72	0.1	0.8	1.21	1.21	0.17	1.36	1.66	1.66	0.24	1.89	2.09	2.09	0.3	2.87	2.49	2.49	0.36	4.62
		17	0.72	0.72	0.1	0.8	1.21	1.21	0.17	1.36	1.67	1.67	0.24	1.89	2.09	2.09	0.3	2.88	2.5	2.5	0.36	4.64
		19	-	-	-	-	1.25	1.18	0.18	1.41	1.68	1.66	0.24	1.9	2.1	2.09	0.3	2.89	2.5	2.5	0.36	4.66
		20	-	-	-	-	1.45	1.1	0.21	1.61	1.8	1.6	0.26	2.1	2.15	2.07	0.31	3.08	2.5	2.5	0.36	4.67
15	3	15	0.84	0.84	0.24	1.89	1.27	1.27	0.36	4.91	1.71	1.71	0.49	9.81	2.15	2.15	0.62	14.45	2.58	2.58	0.75	19.94
		17	0.84	0.84	0.24	1.89	1.27	1.27	0.36	4.93	1.71	1.71	0.49	9.83	2.15	2.15	0.62	14.48	2.58	2.58	0.75	19.99
		19	-	-	-	-	1.31	1.26	0.38	5.41	1.71	1.71	0.49	9.82	2.16	2.16	0.62	14.53	2.59	2.59	0.75	20.05
		20	-	-	-	-	1.7	1.22	0.49	9.68	1.9	1.69	0.54	11.67	2.19	2.15	0.63	14.88	2.59	2.59	0.75	20.06
	4	15	0.65	0.65	0.14	1.07	1.12	1.12	0.24	1.87	1.54	1.54	0.33	3.86	1.97	1.97	0.43	7.39	2.41	2.41	0.52	10.82
		17	0.65	0.65	0.14	1.07	1.12	1.12	0.24	1.87	1.55	1.55	0.33	3.87	1.97	1.97	0.43	7.41	2.41	2.41	0.52	10.84
		19	-	-	-	-	1.13	1.12	0.24	1.89	1.55	1.55	0.33	3.89	1.98	1.98	0.43	7.44	2.42	2.42	0.52	10.88
		20	-	-	-	-	1.29	1.05	0.28	2.42	1.6	1.52	0.34	4.26	1.98	1.98	0.43	7.45	2.42	2.42	0.52	10.89
	5	15	0.42	0.42	0.07	0.54	0.94	0.94	0.16	1.22	1.4	1.4	0.24	1.86	1.82	1.82	0.31	3.35	2.23	2.23	0.39	5.81
		17	0.42	0.42	0.07	0.55	0.94	0.94	0.16	1.23	1.4	1.4	0.24	1.87	1.82	1.82	0.31	3.36	2.23	2.23	0.39	5.83
		19	-	-	-	-	0.94	0.93	0.16	1.22	1.4	1.4	0.24	1.87	1.82	1.82	0.32	3.37	2.24	2.24	0.39	5.85
		20	-	-	-	-	0.99	0.9	0.17	1.29	1.42	1.39	0.25	1.9	1.82	1.82	0.32	3.37	2.24	2.24	0.39	5.87
	6	15	-	-	-	-	0.72	0.72	0.1	0.77	1.21	1.21	0.17	1.3	1.67	1.67	0.24	1.82	2.08	2.08	0.3	2.96
		17	-	-	-	-	0.72	0.72	0.1	0.77	1.21	1.21	0.17	1.3	1.67	1.67	0.24	1.83	2.09	2.09	0.3	2.97
		19	-	-	-	-	0.72	0.72	0.1	0.77	1.21	1.21	0.17	1.3	1.67	1.67	0.24	1.83	2.09	2.09	0.3	2.98
		20	-	-	-	-	0.73	0.72	0.1	0.78	1.22	1.21	0.17	1.3	1.67	1.67	0.24	1.83	2.09	2.09	0.3	2.98

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

7.2 4-pipe FCU Cooling Capacity Table

SF2-300C4																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	1.97	1.56	0.56	28.28	1.98	1.8	0.57	28.63	2.09	2.06	0.6	31.28	2.3	2.3	0.66	36.86	2.53	2.53	0.73	43.52
		17	2.71	1.58	0.78	49.22	2.69	1.82	0.77	48.38	2.67	2.06	0.77	47.64	2.66	2.29	0.76	47.14	2.68	2.53	0.77	48.01
		19	-	-	-	-	3.47	1.83	1	75.21	3.45	2.07	0.99	74.5	3.43	2.31	0.99	73.79	3.41	2.54	0.98	73.1
		20	-	-	-	-	3.87	1.84	1.12	90.98	3.85	2.08	1.11	90.13	3.83	2.31	1.11	89.28	3.81	2.54	1.1	88.46
	4	15	1.68	1.43	0.36	10.21	1.77	1.68	0.38	11.63	1.93	1.92	0.42	14.66	2.16	2.16	0.47	19.49	2.4	2.4	0.52	24.32
		17	2.35	1.42	0.51	23.5	2.34	1.66	0.51	23.22	2.32	1.9	0.5	22.92	2.36	2.14	0.51	23.6	2.46	2.39	0.53	25.52
		19	-	-	-	-	3.15	1.69	0.68	38.73	3.13	1.93	0.68	38.36	3.11	2.16	0.67	37.98	3.09	2.4	0.67	37.61
		20	-	-	-	-	3.56	1.7	0.77	47.85	3.54	1.94	0.77	47.39	3.52	2.17	0.76	46.95	3.5	2.41	0.76	46.5
	5	15	1.5	1.33	0.26	4.81	1.64	1.59	0.28	5.49	1.83	1.83	0.31	6.97	2.05	2.05	0.35	9.44	2.27	2.27	0.39	12.47
		17	2.05	1.29	0.35	9.51	2.04	1.53	0.35	9.37	2.07	1.78	0.36	9.69	2.15	2.02	0.37	10.8	2.29	2.27	0.39	12.82
		19	-	-	-	-	2.76	1.52	0.47	20.4	2.74	1.76	0.47	20.13	2.73	1.99	0.47	19.86	2.72	2.23	0.47	19.68
		20	-	-	-	-	3.2	1.54	0.55	26.91	3.18	1.78	0.55	26.64	3.16	2.01	0.54	26.37	3.14	2.25	0.54	26.1
	6	15	1.32	1.23	0.19	3.44	1.5	1.49	0.22	3.94	1.73	1.73	0.25	4.56	1.96	1.96	0.28	5.47	2.18	2.18	0.31	6.93
		17	1.81	1.19	0.26	4.79	1.82	1.43	0.26	4.82	1.9	1.69	0.27	5.16	2.03	1.94	0.29	5.83	2.19	2.18	0.31	7.01
		19	-	-	-	-	2.47	1.4	0.35	9.66	2.45	1.64	0.35	9.53	2.44	1.88	0.35	9.43	2.48	2.12	0.35	9.79
		20	-	-	-	-	2.83	1.38	0.4	13.96	2.81	1.62	0.4	13.77	2.8	1.86	0.4	13.58	2.78	2.1	0.4	13.38
7	3	15	1.45	1.32	0.42	15.12	1.59	1.57	0.45	18.73	1.82	1.82	0.52	24.39	2.07	2.07	0.6	30.54	2.3	2.3	0.66	36.74
		17	2.16	1.34	0.62	33	2.15	1.58	0.62	32.64	2.14	1.81	0.62	32.32	2.19	2.06	0.63	33.6	2.32	2.31	0.67	37.09
		19	-	-	-	-	2.93	1.59	0.85	55.44	2.92	1.83	0.84	54.88	2.9	2.07	0.84	54.34	2.88	2.3	0.83	53.8
		20	-	-	-	-	3.34	1.6	0.96	69.34	3.32	1.84	0.96	68.66	3.31	2.07	0.95	68	3.29	2.31	0.95	67.34
	4	15	1.3	1.23	0.28	5.38	1.47	1.47	0.32	7.28	1.7	1.7	0.36	10.69	1.93	1.93	0.41	14.97	2.17	2.17	0.47	19.88
		17	1.79	1.18	0.38	12.39	1.78	1.42	0.38	12.25	1.84	1.67	0.39	13.33	1.97	1.92	0.42	15.77	2.17	2.17	0.47	19.92
		19	-	-	-	-	2.58	1.44	0.56	27.16	2.57	1.68	0.55	26.87	2.55	1.92	0.55	26.59	2.54	2.15	0.55	26.48
		20	-	-	-	-	3.01	1.46	0.65	35.19	2.99	1.7	0.65	34.83	2.97	1.93	0.64	34.48	2.96	2.17	0.64	34.14
	5	15	1.16	1.13	0.2	3.49	1.38	1.37	0.24	4.17	1.61	1.61	0.28	5.33	1.83	1.83	0.32	7.33	2.05	2.05	0.35	9.99
		17	1.55	1.08	0.27	4.94	1.59	1.33	0.27	5.18	1.7	1.58	0.29	5.99	1.85	1.83	0.32	7.5	2.05	2.05	0.35	10.03
		19	-	-	-	-	2.2	1.29	0.38	12.16	2.19	1.53	0.38	11.98	2.2	1.77	0.38	12	2.25	2.02	0.39	12.89
		20	-	-	-	-	2.61	1.29	0.45	18.34	2.59	1.53	0.45	18.09	2.57	1.77	0.44	17.85	2.56	2	0.44	17.61
	6	15	1.03	1.02	0.15	2.53	1.26	1.26	0.18	3.13	1.5	1.5	0.22	3.72	1.74	1.74	0.25	4.4	1.97	1.97	0.28	5.53
		17	1.26	0.96	0.18	3.1	1.38	1.23	0.2	3.4	1.54	1.49	0.22	3.82	1.74	1.74	0.25	4.42	1.97	1.97	0.28	5.55
		19	-	-	-	-	1.95	1.19	0.28	5.47	1.95	1.43	0.28	5.42	2	1.68	0.29	5.76	2.1	1.93	0.3	6.51
		20	-	-	-	-	2.29	1.17	0.33	8.3	2.28	1.41	0.33	8.19	2.27	1.65	0.33	8.07	2.3	1.89	0.33	8.36
9	3	15	1.12	1.11	0.32	7.9	1.34	1.34	0.39	13.05	1.59	1.59	0.46	19.12	1.83	1.83	0.53	24.53	2.07	2.07	0.6	30.22
		17	1.55	1.08	0.45	18.34	1.56	1.32	0.45	18.46	1.66	1.58	0.48	20.67	1.83	1.83	0.53	24.59	2.07	2.07	0.6	30.3
		19	-	-	-	-	2.36	1.35	0.68	37.61	2.34	1.59	0.68	37.2	2.33	1.82	0.67	36.78	2.33	2.06	0.67	36.89
		20	-	-	-	-	2.77	1.36	0.8	49.61	2.75	1.6	0.8	49.1	2.74	1.83	0.79	48.59	2.72	2.07	0.79	48.09
	4	15	1.01	1.01	0.22	3.66	1.25	1.25	0.27	5.02	1.47	1.47	0.32	7.69	1.7	1.7	0.37	11.32	1.93	1.93	0.42	15.65
		17	1.27	0.97	0.27	5.22	1.35	1.22	0.29	6.08	1.49	1.47	0.32	7.96	1.7	1.7	0.37	11.36	1.94	1.94	0.42	15.7
		19	-	-	-	-	1.95	1.18	0.42	15.9	1.93	1.42	0.42	15.62	1.96	1.67	0.42	16.1	2.05	1.92	0.44	17.85
		20	-	-	-	-	2.39	1.2	0.52	23.39	2.38	1.44	0.51	23.12	2.36	1.68	0.51	22.86	2.35	1.92	0.51	22.71
	5	15	0.9	0.9	0.16	2.56	1.14	1.14	0.2	3.26	1.38	1.38	0.24	4.01	1.61	1.61	0.28	5.41	1.83	1.83	0.32	7.62
		17	1.03	0.86	0.18	2.92	1.19	1.13	0.2	3.38	1.39	1.38	0.24	4.03	1.61	1.61	0.28	5.43	1.83	1.83	0.32	7.65
		19	-	-	-	-	1.66	1.07	0.29	5.84	1.67	1.32	0.29	5.98	1.75	1.57	0.3	6.81	1.88	1.82	0.32	8.25
		20	-	-	-	-	2	1.05	0.34	9.74	1.99	1.3	0.34	9.59	1.99	1.54	0.34	9.58	2.05	1.79	0.35	10.38
	6	15	0.79	0.79	0.11	1.83	1.03	1.03	0.15	2.4	1.27	1.27	0.18	2.97	1.51	1.51	0.22	3.54	1.74	1.74	0.25	4.33
		17	0.84	0.76	0.12	1.94	1.04	1.02	0.15	2.43	1.27	1.27	0.18	2.97	1.51	1.51	0.22	3.54	1.74	1.74	0.25	4.34
		19	-	-	-	-	1.35	0.96	0.19	3.14	1.45	1.22	0.21	3.37	1.6	1.48	0.23	3.77	1.77	1.74	0.25	4.46
		20	-	-	-	-	1.73	0.96	0.25	4.28	1.72	1.2	0.25	4.24	1.78	1.45	0.26	4.51	1.89	1.7	0.27	5.14

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

Notes: Shaded cells indicate rating condition.

Table continued on next page ...

SF2-300C4																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	0.89	0.89	0.26	4.48	1.11	1.11	0.32	8.11	1.35	1.35	0.39	13.41	1.59	1.59	0.46	18.97	1.83	1.83	0.53	24.16
		17	1	0.85	0.29	6.09	1.13	1.11	0.33	8.5	1.35	1.35	0.39	13.45	1.59	1.59	0.46	19.01	1.84	1.84	0.53	24.21
		19	-	-	-	-	1.71	1.09	0.49	21.38	1.69	1.33	0.49	21.08	1.75	1.58	0.5	22.22	1.87	1.84	0.54	25.05
		20	-	-	-	-	2.14	1.11	0.62	31.49	2.13	1.35	0.61	31.11	2.11	1.59	0.61	30.72	2.12	1.82	0.61	30.81
	4	15	0.78	0.78	0.17	2.64	1.02	1.02	0.22	3.49	1.25	1.25	0.27	5.11	1.47	1.47	0.32	7.96	1.7	1.7	0.37	11.71
		17	0.82	0.76	0.18	2.78	1.02	1.02	0.22	3.5	1.25	1.25	0.27	5.12	1.47	1.47	0.32	7.99	1.7	1.7	0.37	11.75
		19	-	-	-	-	1.34	0.96	0.29	6.22	1.4	1.21	0.3	6.98	1.53	1.46	0.33	8.78	1.71	1.71	0.37	11.82
		20	-	-	-	-	1.7	0.94	0.37	11.79	1.69	1.18	0.36	11.54	1.72	1.43	0.37	12.06	1.83	1.69	0.39	14.08
	5	15	0.66	0.66	0.11	1.78	0.91	0.91	0.16	2.44	1.15	1.15	0.2	3.09	1.39	1.39	0.24	3.94	1.61	1.61	0.28	5.57
		17	0.67	0.66	0.12	1.8	0.91	0.91	0.16	2.44	1.15	1.15	0.2	3.1	1.39	1.39	0.24	3.95	1.61	1.61	0.28	5.59
		19	-	-	-	-	1.09	0.86	0.19	2.91	1.23	1.12	0.21	3.32	1.41	1.38	0.24	4.07	1.61	1.61	0.28	5.6
		20	-	-	-	-	1.42	0.84	0.24	4.14	1.44	1.09	0.25	4.24	1.53	1.35	0.26	4.91	1.67	1.59	0.29	6.14
	6	15	0.55	0.55	0.08	1.21	0.8	0.8	0.11	1.76	1.04	1.04	0.15	2.31	1.28	1.28	0.18	2.85	1.52	1.52	0.22	3.43
		17	0.55	0.55	0.08	1.21	0.8	0.8	0.11	1.77	1.04	1.04	0.15	2.31	1.28	1.28	0.18	2.85	1.52	1.52	0.22	3.43
		19	-	-	-	-	0.88	0.76	0.13	1.93	1.07	1.03	0.15	2.38	1.29	1.28	0.19	2.86	1.52	1.52	0.22	3.44
		20	-	-	-	-	1.08	0.72	0.16	2.37	1.2	0.99	0.17	2.65	1.36	1.25	0.2	3.02	1.55	1.51	0.22	3.51
13	3	15	0.65	0.65	0.19	2.82	0.89	0.89	0.25	4.5	1.11	1.11	0.32	8.3	1.35	1.35	0.39	13.8	1.6	1.6	0.46	18.78
		17	0.65	0.65	0.19	2.82	0.89	0.89	0.25	4.51	1.11	1.11	0.32	8.33	1.35	1.35	0.39	13.84	1.6	1.6	0.46	18.83
		19	-	-	-	-	1.05	0.85	0.3	7.07	1.16	1.1	0.33	9.36	1.36	1.36	0.39	13.88	1.6	1.6	0.46	18.87
		20	-	-	-	-	1.43	0.84	0.41	15.48	1.42	1.09	0.41	15.24	1.49	1.34	0.43	16.73	1.64	1.6	0.47	19.55
	4	15	0.54	0.54	0.12	1.74	0.78	0.78	0.17	2.54	1.02	1.02	0.22	3.42	1.25	1.25	0.27	5.36	1.48	1.48	0.32	8.4
		17	0.54	0.54	0.12	1.74	0.78	0.78	0.17	2.54	1.03	1.03	0.22	3.42	1.25	1.25	0.27	5.38	1.48	1.48	0.32	8.43
		19	-	-	-	-	0.86	0.76	0.18	2.77	1.04	1.02	0.22	3.51	1.25	1.25	0.27	5.39	1.48	1.48	0.32	8.46
		20	-	-	-	-	1.1	0.73	0.24	3.87	1.17	0.99	0.25	4.48	1.3	1.24	0.28	5.97	1.48	1.48	0.32	8.5
	5	15	0.42	0.42	0.07	1.06	0.67	0.67	0.12	1.7	0.91	0.91	0.16	2.33	1.15	1.15	0.2	2.95	1.39	1.39	0.24	3.95
		17	0.42	0.42	0.07	1.06	0.67	0.67	0.12	1.7	0.91	0.91	0.16	2.33	1.16	1.16	0.2	2.95	1.39	1.39	0.24	3.96
		19	-	-	-	-	0.69	0.66	0.12	1.74	0.92	0.92	0.16	2.33	1.16	1.16	0.2	2.96	1.39	1.39	0.24	3.97
		20	-	-	-	-	0.8	0.62	0.14	2.02	0.98	0.89	0.17	2.48	1.17	1.15	0.2	3	1.39	1.39	0.24	3.97
	6	15	0.29	0.29	0.04	0.61	0.55	0.55	0.08	1.15	0.8	0.8	0.12	1.68	1.05	1.05	0.15	2.19	1.29	1.29	0.18	2.7
		17	0.29	0.29	0.04	0.61	0.55	0.55	0.08	1.15	0.8	0.8	0.12	1.68	1.05	1.05	0.15	2.2	1.29	1.29	0.18	2.7
		19	-	-	-	-	0.56	0.55	0.08	1.16	0.8	0.8	0.12	1.68	1.05	1.05	0.15	2.2	1.29	1.29	0.18	2.71
		20	-	-	-	-	0.6	0.52	0.09	1.24	0.82	0.79	0.12	1.72	1.05	1.05	0.15	2.2	1.29	1.29	0.18	2.71
15	3	15	0.4	0.4	0.12	1.67	0.65	0.65	0.19	2.7	0.89	0.89	0.25	4.67	1.11	1.11	0.32	8.7	1.35	1.35	0.39	13.8
		17	0.4	0.4	0.12	1.67	0.65	0.65	0.19	2.7	0.89	0.89	0.25	4.69	1.11	1.11	0.32	8.73	1.36	1.36	0.39	13.83
		19	-	-	-	-	0.66	0.65	0.19	2.72	0.89	0.89	0.25	4.7	1.12	1.12	0.32	8.76	1.36	1.36	0.39	13.87
		20	-	-	-	-	0.78	0.62	0.22	3.46	0.92	0.88	0.26	5.18	1.12	1.11	0.32	8.74	1.36	1.36	0.39	13.9
	4	15	0.29	0.29	0.06	0.87	0.54	0.54	0.12	1.65	0.79	0.79	0.17	2.41	1.03	1.03	0.22	3.36	1.25	1.25	0.27	5.5
		17	0.29	0.29	0.06	0.87	0.54	0.54	0.12	1.66	0.79	0.79	0.17	2.41	1.03	1.03	0.22	3.37	1.25	1.25	0.27	5.52
		19	-	-	-	-	0.54	0.54	0.12	1.65	0.79	0.79	0.17	2.42	1.03	1.03	0.22	3.37	1.25	1.25	0.27	5.54
		20	-	-	-	-	0.57	0.52	0.12	1.75	0.79	0.79	0.17	2.43	1.03	1.03	0.22	3.38	1.25	1.25	0.27	5.55
	5	15	0.16	0.16	0.03	0.38	0.43	0.43	0.07	1.03	0.68	0.68	0.12	1.65	0.92	0.92	0.16	2.24	1.16	1.16	0.2	2.87
		17	0.16	0.16	0.03	0.38	0.43	0.43	0.07	1.03	0.68	0.68	0.12	1.65	0.92	0.92	0.16	2.25	1.16	1.16	0.2	2.88
		19	-	-	-	-	0.43	0.43	0.07	1.03	0.68	0.68	0.12	1.65	0.92	0.92	0.16	2.25	1.16	1.16	0.2	2.88
		20	-	-	-	-	0.43	0.42	0.07	1.04	0.68	0.68	0.12	1.65	0.92	0.92	0.16	2.25	1.16	1.16	0.2	2.89
	6	15	-	-	-	-	0.3	0.3	0.04	0.59	0.56	0.56	0.08	1.11	0.81	0.81	0.12	1.61	1.05	1.05	0.15	2.1
		17	-	-	-	-	0.3	0.3	0.04	0.59	0.56	0.56	0.08	1.11	0.81	0.81	0.12	1.61	1.05	1.05	0.15	2.1
		19	-	-	-	-	0.3	0.3	0.04	0.59	0.56	0.56	0.08	1.11	0.81	0.81	0.12	1.62	1.06	1.06	0.15	2.11
		20	-	-	-	-	0.3	0.3	0.04	0.59	0.56	0.56	0.08	1.11	0.81	0.81	0.12	1.62	1.06	1.06	0.15	2.11

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

SF2-400C4																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
5	3	15	3.1	2.36	0.9	34.57	3.08	2.69	0.89	34.26	3.16	3.04	0.91	35.65	3.38	3.38	0.98	40.15	3.71	3.71	1.07	47.12	
		17	4.11	2.37	1.18	55.56	4.09	2.71	1.17	54.98	4.06	3.04	1.17	54.58	4.04	3.37	1.17	54.63	4.03	3.7	1.17	54.43	
		19	-	-	-	-	5.17	2.72	1.49	82.72	5.14	3.05	1.48	81.87	5.11	3.39	1.47	81.52	5.08	3.71	1.47	81.16	
		20	-	-	-	-	5.74	2.73	1.66	100.29	5.71	3.06	1.66	99.77	5.68	3.39	1.65	98.76	5.64	3.72	1.64	97.77	
	4	15	2.71	2.18	0.59	16.72	2.78	2.53	0.6	17.39	2.94	2.89	0.64	19.22	3.24	3.24	0.7	22.62	3.57	3.57	0.77	26.72	
		17	3.77	2.21	0.81	29.27	3.75	2.55	0.81	28.96	3.72	2.88	0.8	28.66	3.71	3.21	0.8	28.5	3.77	3.55	0.82	29.36	
		19	-	-	-	-	4.84	2.57	1.04	44.56	4.81	2.9	1.03	44.11	4.78	3.23	1.03	43.66	4.76	3.56	1.03	43.71	
		20	-	-	-	-	5.42	2.58	1.17	54.16	5.38	2.91	1.16	53.62	5.35	3.24	1.15	53.08	5.32	3.57	1.15	52.55	
	5	15	2.35	2	0.4	7.61	2.5	2.37	0.43	9.07	2.74	2.73	0.47	11.27	3.08	3.08	0.53	14.13	3.42	3.42	0.59	16.88	
		17	3.36	2.03	0.58	16.39	3.34	2.37	0.58	16.2	3.33	2.7	0.57	16.09	3.39	3.05	0.59	16.64	3.54	3.41	0.61	17.86	
		19	-	-	-	-	4.48	2.41	0.77	26.73	4.46	2.74	0.77	26.45	4.43	3.07	0.76	26.17	4.4	3.4	0.76	25.9	
		20	-	-	-	-	5.07	2.42	0.88	33.02	5.04	2.76	0.87	32.69	5.01	3.09	0.87	32.36	4.98	3.42	0.86	32.03	
	6	15	2.14	1.88	0.31	3.67	2.33	2.25	0.33	4.6	2.6	2.6	0.37	6.22	2.92	2.92	0.42	8.5	3.26	3.26	0.47	11	
		17	2.91	1.83	0.42	8.44	2.89	2.17	0.42	8.33	2.96	2.52	0.43	8.81	3.1	2.89	0.45	9.87	3.31	3.25	0.48	11.41	
		19	-	-	-	-	4.06	2.22	0.58	16.49	4.04	2.56	0.58	16.32	4.01	2.89	0.58	16.14	4	3.22	0.57	16.05	
		20	-	-	-	-	4.68	2.25	0.67	20.94	4.65	2.58	0.67	20.72	4.62	2.92	0.66	20.51	4.59	3.24	0.66	20.3	
7	3	15	2.34	2	0.67	20.96	2.45	2.36	0.71	22.72	2.71	2.71	0.78	26.99	3.05	3.05	0.88	32.97	3.38	3.38	0.97	38.84	
		17	3.36	2.02	0.96	38.44	3.34	2.36	0.96	38.01	3.31	2.7	0.95	37.57	3.33	3.03	0.95	37.8	3.44	3.37	0.99	40.07	
		19	-	-	-	-	4.43	2.38	1.27	62.03	4.4	2.71	1.26	61.36	4.37	3.04	1.25	60.72	4.35	3.37	1.25	60.08	
		20	-	-	-	-	5	2.39	1.45	77.8	4.97	2.72	1.44	76.99	4.95	3.05	1.43	76.18	4.92	3.38	1.42	75.39	
	4	15	2.01	1.83	0.43	9.37	2.23	2.21	0.48	11.74	2.56	2.56	0.55	14.91	2.9	2.9	0.63	18.44	3.24	3.24	0.7	22.22	
		17	2.97	1.85	0.64	19.15	2.95	2.19	0.64	18.92	2.96	2.53	0.64	19.03	3.06	2.89	0.66	20.2	3.26	3.24	0.7	22.48	
		19	-	-	-	-	4.07	2.22	0.87	32.48	4.04	2.56	0.87	32.13	4.02	2.89	0.86	31.79	3.99	3.22	0.86	31.43	
		20	-	-	-	-	4.65	2.23	1	40.93	4.62	2.57	0.99	40.5	4.6	2.9	0.99	40.08	4.57	3.23	0.98	39.66	
	5	15	1.82	1.71	0.31	4	2.07	2.07	0.36	5.7	2.4	2.4	0.41	8.42	2.74	2.74	0.47	11.32	3.09	3.09	0.53	13.95	
		17	2.49	1.65	0.43	9.23	2.51	2	0.43	9.34	2.62	2.36	0.45	10.35	2.82	2.73	0.49	11.92	3.09	3.09	0.53	13.99	
		19	-	-	-	-	3.66	2.05	0.63	18.42	3.63	2.38	0.62	18.22	3.6	2.71	0.62	18	3.62	3.05	0.62	18.13	
		20	-	-	-	-	4.26	2.07	0.73	23.92	4.24	2.4	0.73	23.67	4.21	2.74	0.72	23.42	4.18	3.07	0.72	23.17	
	6	15	1.65	1.6	0.24	2.27	1.95	1.95	0.28	3.04	2.28	2.28	0.33	4.5	2.6	2.6	0.37	6.45	2.93	2.93	0.42	8.7	
		17	2.13	1.5	0.31	3.79	2.23	1.87	0.32	4.27	2.4	2.23	0.34	5.21	2.63	2.59	0.38	6.66	2.93	2.93	0.42	8.73	
		19	-	-	-	-	3.17	1.84	0.45	10.38	3.14	2.18	0.45	10.21	3.17	2.53	0.45	10.37	3.27	2.88	0.47	11.07	
		20	-	-	-	-	3.81	1.88	0.55	14.44	3.79	2.22	0.54	14.28	3.76	2.55	0.54	14.12	3.74	2.88	0.54	14.01	
9	3	15	1.71	1.67	0.49	12.14	2.03	2.03	0.59	16.25	2.37	2.37	0.68	20.92	2.71	2.71	0.78	26.26	3.04	3.04	0.87	32.04	
		17	2.53	1.67	0.73	23.4	2.51	2.01	0.72	23.08	2.57	2.36	0.74	23.97	2.74	2.71	0.79	26.72	3.05	3.05	0.87	32.12	
		19	-	-	-	-	3.63	2.03	1.05	43.95	3.61	2.37	1.04	43.46	3.58	2.7	1.04	42.97	3.56	3.03	1.03	42.52	
		20	-	-	-	-	4.21	2.04	1.22	56.79	4.18	2.38	1.21	56.17	4.15	2.71	1.2	55.56	4.13	3.04	1.2	54.95	
	4	15	1.54	1.53	0.33	4.78	1.87	1.87	0.4	7.96	2.22	2.22	0.48	11.4	2.56	2.56	0.55	14.59	2.9	2.9	0.62	18.02	
		17	2.05	1.47	0.44	9.84	2.13	1.83	0.46	10.57	2.31	2.21	0.5	12.2	2.57	2.57	0.55	14.64	2.91	2.91	0.63	18.07	
		19	-	-	-	-	3.23	1.87	0.7	21.66	3.21	2.2	0.69	21.4	3.19	2.54	0.69	21.18	3.24	2.88	0.7	21.77	
		20	-	-	-	-	3.83	1.88	0.83	29.13	3.8	2.22	0.82	28.81	3.78	2.56	0.82	28.49	3.75	2.89	0.81	28.16	
	5	15	1.41	1.41	0.24	2.3	1.74	1.74	0.3	3.72	2.07	2.07	0.36	5.93	2.41	2.41	0.42	8.68	2.75	2.75	0.47	11.22	
		17	1.71	1.33	0.29	3.54	1.87	1.7	0.32	4.52	2.1	2.06	0.36	6.17	2.41	2.41	0.42	8.7	2.76	2.76	0.47	11.25	
		19	-	-	-	-	2.74	1.67	0.47	11.09	2.72	2.01	0.47	10.96	2.79	2.37	0.48	11.5	2.95	2.73	0.51	12.59	
		20	-	-	-	-	3.38	1.7	0.58	15.87	3.35	2.04	0.58	15.68	3.33	2.38	0.57	15.49	3.34	2.72	0.58	15.59	
	6	15	1.27	1.27	0.18	1.64	1.62	1.62	0.23	2.14	1.95	1.95	0.28	3.11	2.28	2.28	0.33	4.74	2.6	2.6	0.37	6.69	
		17	1.44	1.2	0.21	1.85	1.69	1.59	0.24	2.28	1.97	1.95	0.28	3.16	2.28	2.28	0.33	4.75	2.6	2.6	0.37	6.72	
		19	-	-	-	-	2.26	1.49	0.33	4.7	2.34	1.85	0.34	5.12	2.49	2.22	0.36	6.05	2.7	2.58	0.39	7.34	
		20	-	-	-	-	2.83	1.5	0.41	8.28	2.81	1.83	0.4	8.12	2.84	2.18	0.41	8.31	2.96	2.55	0.42	9.08	

Abbreviations:

EWT: Enter Water Temp. (°C) Δt : Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

Notes: Shaded cells indicate rating condition.

Table continued on next page ...

SF2-400C4																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	1.33	1.33	0.38	7.22	1.68	1.68	0.48	11.49	2.03	2.03	0.59	16.04	2.37	2.37	0.69	20.9	2.71	2.71	0.78	26.21
		17	1.62	1.29	0.46	10.73	1.77	1.67	0.51	12.55	2.03	2.03	0.59	16.07	2.38	2.38	0.69	20.96	2.71	2.71	0.79	26.28
		19	-	-	-	-	2.75	1.68	0.8	26.93	2.73	2.01	0.79	26.57	2.74	2.35	0.79	26.69	2.84	2.7	0.82	28.26
		20	-	-	-	-	3.34	1.69	0.97	37.62	3.32	2.03	0.96	37.17	3.3	2.36	0.95	36.73	3.27	2.69	0.95	36.3
	4	15	1.2	1.2	0.26	2.58	1.53	1.53	0.33	5	1.87	1.87	0.4	8.18	2.22	2.22	0.48	11.29	2.57	2.57	0.55	14.4
		17	1.32	1.16	0.28	3.3	1.56	1.53	0.34	5.21	1.87	1.87	0.4	8.2	2.23	2.23	0.48	11.31	2.57	2.57	0.55	14.44
		19	-	-	-	-	2.26	1.49	0.49	11.6	2.29	1.84	0.49	11.81	2.42	2.2	0.52	13	2.62	2.57	0.56	14.93
		20	-	-	-	-	2.9	1.52	0.62	17.66	2.88	1.86	0.62	17.44	2.86	2.19	0.62	17.25	2.92	2.54	0.63	17.9
	5	15	1.06	1.06	0.18	1.59	1.42	1.42	0.24	2.28	1.74	1.74	0.3	3.9	2.07	2.07	0.36	6.2	2.42	2.42	0.42	8.83
		17	1.11	1.04	0.19	1.66	1.42	1.41	0.24	2.3	1.75	1.75	0.3	3.92	2.08	2.08	0.36	6.22	2.42	2.42	0.42	8.86
		19	-	-	-	-	1.8	1.31	0.31	4.28	1.94	1.68	0.34	5.26	2.16	2.05	0.37	6.86	2.43	2.42	0.42	8.95
		20	-	-	-	-	2.35	1.32	0.41	8.38	2.34	1.66	0.4	8.28	2.44	2.02	0.42	8.99	2.61	2.39	0.45	10.19
	6	15	0.91	0.91	0.13	1.12	1.28	1.28	0.18	1.57	1.63	1.63	0.23	2.12	1.95	1.95	0.28	3.27	2.28	2.28	0.33	4.94
		17	0.93	0.9	0.13	1.13	1.28	1.28	0.18	1.57	1.63	1.63	0.23	2.12	1.96	1.96	0.28	3.28	2.28	2.28	0.33	4.96
		19	-	-	-	-	1.52	1.19	0.22	1.89	1.75	1.58	0.25	2.46	1.99	1.94	0.29	3.46	2.28	2.28	0.33	4.98
		20	-	-	-	-	1.9	1.15	0.27	3.04	1.99	1.52	0.29	3.43	2.15	1.89	0.31	4.27	2.37	2.25	0.34	5.52
13	3	15	0.99	0.99	0.29	3.43	1.33	1.33	0.38	7.41	1.69	1.69	0.49	11.45	2.03	2.03	0.59	15.73	2.37	2.37	0.68	20.47
		17	1	0.99	0.29	3.53	1.33	1.33	0.38	7.44	1.69	1.69	0.49	11.48	2.03	2.03	0.59	15.77	2.38	2.38	0.69	20.52
		19	-	-	-	-	1.77	1.31	0.51	12.34	1.87	1.67	0.54	13.6	2.07	2.03	0.6	16.21	2.38	2.38	0.69	20.57
		20	-	-	-	-	2.39	1.33	0.69	20.65	2.37	1.67	0.68	20.32	2.39	2.01	0.69	20.63	2.51	2.37	0.72	22.46
	4	15	0.86	0.86	0.19	1.55	1.21	1.21	0.26	2.7	1.54	1.54	0.33	5.19	1.88	1.88	0.41	8.36	2.23	2.23	0.48	11.23
		17	0.86	0.86	0.19	1.55	1.21	1.21	0.26	2.71	1.54	1.54	0.33	5.21	1.88	1.88	0.41	8.39	2.23	2.23	0.48	11.26
		19	-	-	-	-	1.38	1.15	0.3	3.88	1.6	1.52	0.34	5.75	1.89	1.89	0.41	8.42	2.24	2.24	0.48	11.29
		20	-	-	-	-	1.82	1.13	0.39	7.83	1.88	1.49	0.41	8.35	2.05	1.86	0.44	9.75	2.28	2.23	0.49	11.68
	5	15	0.7	0.7	0.12	0.99	1.07	1.07	0.18	1.51	1.42	1.42	0.24	2.3	1.74	1.74	0.3	3.98	2.07	2.07	0.36	6.3
		17	0.7	0.7	0.12	0.99	1.07	1.07	0.18	1.51	1.42	1.42	0.24	2.31	1.74	1.74	0.3	4	2.08	2.08	0.36	6.33
		19	-	-	-	-	1.15	1.03	0.2	1.62	1.44	1.41	0.25	2.39	1.75	1.74	0.3	4.01	2.08	2.08	0.36	6.35
		20	-	-	-	-	1.4	0.98	0.24	2.25	1.58	1.35	0.27	3.08	1.81	1.72	0.31	4.42	2.09	2.08	0.36	6.4
	6	15	0.53	0.53	0.08	0.61	0.92	0.92	0.13	1.06	1.28	1.28	0.18	1.49	1.63	1.63	0.23	2.1	1.95	1.95	0.28	3.34
		17	0.53	0.53	0.08	0.61	0.92	0.92	0.13	1.07	1.28	1.28	0.18	1.49	1.63	1.63	0.23	2.11	1.95	1.95	0.28	3.36
		19	-	-	-	-	0.94	0.9	0.14	1.09	1.29	1.28	0.18	1.5	1.63	1.63	0.23	2.11	1.96	1.96	0.28	3.37
		20	-	-	-	-	1.07	0.84	0.15	1.23	1.37	1.24	0.2	1.59	1.66	1.62	0.24	2.2	1.96	1.96	0.28	3.37
15	3	15	0.65	0.65	0.19	1.49	0.99	0.99	0.28	3.5	1.33	1.33	0.38	7.43	1.69	1.69	0.48	11.19	2.03	2.03	0.58	15.35
		17	0.65	0.65	0.19	1.49	0.99	0.99	0.28	3.51	1.33	1.33	0.38	7.45	1.69	1.69	0.49	11.22	2.03	2.03	0.58	15.39
		19	-	-	-	-	1.01	0.98	0.29	3.75	1.33	1.33	0.38	7.45	1.69	1.69	0.49	11.25	2.04	2.04	0.59	15.44
		20	-	-	-	-	1.27	0.94	0.36	6.65	1.45	1.32	0.42	8.68	1.71	1.69	0.49	11.43	2.04	2.04	0.59	15.46
	4	15	0.49	0.49	0.11	0.83	0.86	0.86	0.19	1.47	1.2	1.2	0.26	2.76	1.53	1.53	0.33	5.32	1.89	1.89	0.41	8.36
		17	0.49	0.49	0.11	0.83	0.86	0.86	0.19	1.47	1.2	1.2	0.26	2.77	1.54	1.54	0.33	5.34	1.89	1.89	0.41	8.39
		19	-	-	-	-	0.86	0.86	0.19	1.47	1.21	1.21	0.26	2.78	1.54	1.54	0.33	5.36	1.89	1.89	0.41	8.41
		20	-	-	-	-	0.98	0.81	0.21	1.71	1.24	1.19	0.27	2.98	1.54	1.54	0.33	5.35	1.9	1.9	0.41	8.42
	5	15	0.31	0.31	0.05	0.41	0.71	0.71	0.12	0.96	1.08	1.08	0.19	1.46	1.42	1.42	0.25	2.41	1.74	1.74	0.3	4.22
		17	0.31	0.31	0.05	0.41	0.71	0.71	0.12	0.96	1.08	1.08	0.19	1.46	1.42	1.42	0.25	2.42	1.75	1.75	0.3	4.24
		19	-	-	-	-	0.71	0.71	0.12	0.96	1.08	1.08	0.19	1.46	1.42	1.42	0.25	2.43	1.75	1.75	0.3	4.25
		20	-	-	-	-	0.74	0.69	0.13	1	1.09	1.08	0.19	1.47	1.42	1.42	0.25	2.43	1.75	1.75	0.3	4.26
	6	15	-	-	-	-	0.54	0.54	0.08	0.59	0.93	0.93	0.13	1.02	1.29	1.29	0.18	1.43	1.63	1.63	0.23	2.15
		17	-	-	-	-	0.54	0.54	0.08	0.59	0.93	0.93	0.13	1.02	1.29	1.29	0.19	1.43	1.63	1.63	0.23	2.15
		19	-	-	-	-	0.54	0.54	0.08	0.59	0.93	0.93	0.13	1.02	1.29	1.29	0.19	1.43	1.63	1.63	0.23	2.16
		20	-	-	-	-	0.54	0.54	0.08	0.59	0.93	0.92	0.13	1.02	1.29	1.29	0.19	1.43	1.64	1.64	0.23	2.16

Abbreviations:

EWT: Enter Water Temp. (°C) ΔT : Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

SF2-500C4																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	3.52	2.7	1.02	46.65	3.51	3.09	1.01	46.29	3.6	3.49	1.04	48.54	3.89	3.89	1.12	55.42	4.27	4.27	1.23	64.36
		17	4.69	2.71	1.35	75.68	4.66	3.1	1.34	74.95	4.64	3.49	1.33	74.21	4.61	3.87	1.32	73.48	4.6	4.26	1.32	73.36
		19	-	-	-	-	5.91	3.12	1.7	113.57	5.88	3.5	1.69	112.5	5.85	3.89	1.69	111.44	5.82	4.27	1.68	110.41
		20	-	-	-	-	6.58	3.12	1.91	138.84	6.55	3.51	1.9	137.55	6.51	3.9	1.89	136.31	6.48	4.28	1.88	135.26
	4	15	3.06	2.49	0.66	22.26	3.14	2.9	0.68	23.29	3.36	3.31	0.72	26.05	3.71	3.71	0.8	30.98	4.1	4.1	0.89	36.7
		17	4.27	2.52	0.92	39.35	4.25	2.91	0.92	38.96	4.22	3.3	0.91	38.58	4.21	3.69	0.91	38.43	4.3	4.09	0.93	39.86
		19	-	-	-	-	5.51	2.93	1.19	60.47	5.48	3.32	1.18	59.91	5.45	3.71	1.17	59.35	5.42	4.09	1.17	58.79
		20	-	-	-	-	6.18	2.94	1.33	73.75	6.15	3.33	1.32	73.07	6.11	3.72	1.32	72.4	6.08	4.1	1.31	71.74
	5	15	2.6	2.26	0.45	10.87	2.81	2.69	0.49	12.89	3.13	3.12	0.54	15.72	3.53	3.53	0.61	19.27	3.92	3.92	0.68	23.07
		17	3.79	2.3	0.65	21.78	3.77	2.7	0.65	21.56	3.76	3.09	0.65	21.43	3.84	3.5	0.66	22.3	4.03	3.91	0.7	24.16
		19	-	-	-	-	5.08	2.74	0.88	35.87	5.05	3.13	0.87	35.54	5.02	3.51	0.87	35.2	5	3.9	0.86	34.87
		20	-	-	-	-	5.75	2.75	0.99	44.08	5.72	3.14	0.98	43.67	5.69	3.52	0.98	43.26	5.66	3.91	0.97	42.86
	6	15	2.34	2.11	0.33	5.03	2.59	2.53	0.37	6.68	2.93	2.93	0.42	9.25	3.32	3.32	0.48	12.45	3.73	3.73	0.54	15.45
		17	3.22	2.05	0.46	11.66	3.2	2.45	0.46	11.54	3.3	2.87	0.47	12.31	3.5	3.29	0.5	13.79	3.77	3.72	0.54	15.77
		19	-	-	-	-	4.59	2.52	0.66	21.93	4.56	2.91	0.66	21.71	4.53	3.3	0.65	21.5	4.52	3.69	0.65	21.4
		20	-	-	-	-	5.28	2.54	0.76	27.71	5.25	2.93	0.75	27.44	5.23	3.32	0.75	27.43	5.2	3.71	0.75	27.17
7	3	15	2.65	2.29	0.76	28.01	2.79	2.71	0.81	30.72	3.11	3.11	0.89	36.55	3.5	3.5	1	44.81	3.89	3.89	1.11	53.67
		17	3.81	2.31	1.09	51.94	3.79	2.7	1.09	51.4	3.77	3.09	1.08	50.84	3.79	3.48	1.09	51.32	3.94	3.89	1.13	54.96
		19	-	-	-	-	5.06	2.72	1.46	85.93	5.03	3.11	1.46	85.09	5	3.5	1.45	84.26	4.97	3.88	1.44	83.43
		20	-	-	-	-	5.72	2.73	1.66	106.65	5.69	3.12	1.65	105.62	5.66	3.51	1.64	104.62	5.63	3.89	1.63	103.63
	4	15	2.26	2.09	0.49	13	2.54	2.52	0.55	15.95	2.93	2.93	0.63	20.31	3.33	3.33	0.72	25.21	3.71	3.71	0.8	30.16
		17	3.35	2.11	0.72	25.5	3.33	2.5	0.72	25.21	3.35	2.9	0.72	25.43	3.48	3.31	0.75	27.25	3.73	3.72	0.8	30.37
		19	-	-	-	-	4.62	2.53	0.99	43.77	4.59	2.92	0.99	43.33	4.56	3.31	0.98	42.91	4.54	3.69	0.98	42.45
		20	-	-	-	-	5.29	2.54	1.14	55.39	5.26	2.93	1.13	54.86	5.23	3.32	1.13	54.34	5.2	3.71	1.12	53.81
	5	15	2	1.92	0.35	5.64	2.33	2.33	0.4	8.44	2.73	2.73	0.47	12.16	3.14	3.14	0.54	15.54	3.53	3.53	0.61	18.86
		17	2.78	1.87	0.48	12.59	2.8	2.27	0.48	12.75	2.96	2.7	0.51	14.05	3.21	3.13	0.55	16.11	3.54	3.54	0.61	18.9
		19	-	-	-	-	4.13	2.32	0.71	24.53	4.1	2.72	0.71	24.27	4.1	3.12	0.73	24	4.1	3.5	0.7	24.24
		20	-	-	-	-	4.82	2.34	0.83	32.01	4.79	2.74	0.82	31.69	4.77	3.12	0.82	31.38	4.74	3.51	0.81	31.07
	6	15	1.82	1.79	0.26	2.86	2.18	2.18	0.31	4.34	2.55	2.55	0.37	6.67	2.94	2.94	0.42	9.51	3.34	3.34	0.48	12.47
		17	2.29	1.67	0.33	5.02	2.43	2.09	0.35	5.86	2.65	2.52	0.38	7.42	2.96	2.93	0.42	9.66	3.34	3.34	0.48	12.5
		19	-	-	-	-	3.55	2.09	0.51	13.88	3.53	2.48	0.5	13.7	3.56	2.88	0.51	13.91	3.7	3.3	0.53	14.87
		20	-	-	-	-	4.29	2.12	0.61	19.12	4.26	2.52	0.61	18.92	4.24	2.91	0.61	18.73	4.22	3.3	0.6	18.6
9	3	15	1.94	1.91	0.56	16.32	2.32	2.32	0.67	21.83	2.72	2.72	0.78	28.63	3.11	3.11	0.89	36.09	3.5	3.5	1.01	44.81
		17	2.86	1.9	0.82	31.23	2.84	2.29	0.82	30.84	2.92	2.7	0.84	32.27	3.13	3.11	0.9	36.51	3.51	3.51	1.01	44.91
		19	-	-	-	-	4.13	2.32	1.2	59.53	4.1	2.71	1.19	58.91	4.08	3.1	1.18	58.29	4.05	3.49	1.17	57.72
		20	-	-	-	-	4.8	2.33	1.39	77.35	4.77	2.72	1.38	76.57	4.73	3.11	1.36	74.61	4.7	3.49	1.35	73.85
	4	15	1.72	1.72	0.37	7.02	2.12	2.12	0.46	11.42	2.54	2.54	0.55	15.5	2.94	2.94	0.63	20.02	3.33	3.33	0.72	24.81
		17	2.3	1.67	0.49	13.09	2.39	2.09	0.51	14.05	2.62	2.52	0.56	16.36	2.94	2.94	0.63	20.05	3.34	3.34	0.72	24.87
		19	-	-	-	-	3.65	2.13	0.79	29.09	3.62	2.52	0.78	28.57	3.6	2.91	0.78	28.29	3.67	3.31	0.8	29.44
		20	-	-	-	-	4.34	2.14	0.94	39.1	4.31	2.53	0.93	38.69	4.28	2.92	0.93	38.28	4.26	3.31	0.92	37.86
	5	15	1.57	1.57	0.27	3.09	1.95	1.95	0.34	5.46	2.34	2.34	0.4	8.79	2.74	2.74	0.47	12.11	3.15	3.15	0.54	15.31
		17	1.85	1.48	0.32	4.73	2.06	1.91	0.36	6.35	2.36	2.33	0.41	8.98	2.75	2.75	0.47	12.13	3.15	3.15	0.54	15.35
		19	-	-	-	-	3.07	1.9	0.53	14.62	3.05	2.29	0.53	14.47	3.15	2.71	0.54	15.27	3.34	3.13	0.57	16.88
		20	-	-	-	-	3.81	1.93	0.66	21.23	3.78	2.33	0.65	21	3.76	2.72	0.65	20.74	3.78	3.11	0.65	20.92
	6	15	1.41	1.41	0.2	1.97	1.81	1.81	0.26	2.8	2.18	2.18	0.31	4.58	2.56	2.56	0.37	6.95	2.95	2.95	0.42	9.8
		17	1.56	1.34	0.22	2.2	1.87	1.78	0.27	3	2.19	2.18	0.31	4.61	2.56	2.56	0.37	6.97	2.96	2.96	0.42	9.82
		19	-	-	-	-	2.44	1.66	0.35	6.26	2.54	2.08	0.36	6.91	2.76	2.51	0.4	8.41	3.04	2.94	0.44	10.38
		20	-	-	-	-	3.16	1.68	0.45	11.15	3.13	2.08	0.45	10.97	3.17	2.48	0.45	11.24	3.33	2.91	0.48	12.26

Abbreviations:

EWT: Enter Water Temp. ($^{\circ}\text{C}$) ΔT : Temperature Difference. ($^{\circ}\text{C}$) DB: Dry Bulb Temp. ($^{\circ}\text{C}$) WF: Water Flow. (m³/h)
WB: Wet Bulb Temp. ($^{\circ}\text{C}$) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

Notes:
Shaded cells indicate rating condition.

Table continued on next page ...

SF2-500C4																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	1.5	1.5	0.43	10.31	1.92	1.92	0.55	15.65	2.33	2.33	0.67	21.89	2.72	2.72	0.79	28.66	3.11	3.11	0.9	36.03
		17	1.81	1.48	0.52	14.15	2	1.91	0.58	16.8	2.33	2.32	0.67	21.9	2.73	2.73	0.79	28.73	3.12	3.12	0.9	36.14
		19	-	-	-	-	3.11	1.91	0.9	35.97	3.09	2.3	0.89	35.46	3.1	2.7	0.9	35.75	3.24	3.11	0.94	38.61
		20	-	-	-	-	3.79	1.92	1.1	50.74	3.77	2.32	1.09	50.18	3.74	2.71	1.08	49.62	3.72	3.1	1.08	49.05
	4	15	1.34	1.34	0.29	3.7	1.72	1.72	0.37	7.28	2.13	2.13	0.46	11.41	2.54	2.54	0.55	15.36	2.94	2.94	0.63	19.68
		17	1.44	1.3	0.31	4.62	1.73	1.72	0.37	7.42	2.14	2.14	0.46	11.44	2.55	2.55	0.55	15.39	2.95	2.95	0.63	19.72
		19	-	-	-	-	2.53	1.69	0.55	15.24	2.57	2.1	0.55	15.58	2.73	2.52	0.59	17.35	2.99	2.94	0.64	20.21
		20	-	-	-	-	3.27	1.72	0.71	23.75	3.25	2.12	0.7	23.46	3.23	2.51	0.7	23.21	3.31	2.92	0.72	24.23
	5	15	1.18	1.18	0.2	1.91	1.58	1.58	0.27	3.2	1.95	1.95	0.34	5.76	2.35	2.35	0.41	9.06	2.76	2.76	0.48	12.14
		17	1.22	1.16	0.21	1.98	1.58	1.58	0.27	3.22	1.96	1.96	0.34	5.78	2.35	2.35	0.41	9.08	2.77	2.77	0.48	12.16
		19	-	-	-	-	1.95	1.47	0.34	5.74	2.14	1.9	0.37	7.33	2.43	2.34	0.42	9.66	2.77	2.77	0.48	12.22
		20	-	-	-	-	2.63	1.49	0.45	11.11	2.61	1.89	0.45	11.01	2.74	2.31	0.47	11.94	2.95	2.74	0.51	13.59
	6	15	1	1	0.14	1.33	1.42	1.42	0.2	1.9	1.81	1.81	0.26	2.91	2.18	2.18	0.31	4.8	2.57	2.57	0.37	7.32
		17	1.01	1	0.15	1.34	1.42	1.42	0.2	1.9	1.82	1.82	0.26	2.92	2.19	2.19	0.31	4.81	2.57	2.57	0.37	7.34
		19	-	-	-	-	1.64	1.34	0.24	2.33	1.91	1.77	0.27	3.34	2.21	2.18	0.32	4.95	2.57	2.57	0.37	7.36
		20	-	-	-	-	2.02	1.27	0.29	3.89	2.14	1.7	0.31	4.58	2.36	2.13	0.34	5.95	2.65	2.55	0.38	7.88
13	3	15	1.11	1.11	0.32	5.02	1.52	1.52	0.44	10.35	1.93	1.93	0.56	15.57	2.33	2.33	0.67	21.5	2.72	2.72	0.78	27.73
		17	1.11	1.11	0.32	5.08	1.52	1.52	0.44	10.37	1.93	1.93	0.56	15.6	2.33	2.33	0.67	21.55	2.72	2.72	0.78	27.79
		19	-	-	-	-	1.98	1.49	0.57	16.19	2.11	1.91	0.61	18.1	2.36	2.33	0.68	21.96	2.73	2.73	0.78	27.87
		20	-	-	-	-	2.69	1.51	0.78	27.41	2.66	1.9	0.77	26.99	2.69	2.31	0.77	27.39	2.84	2.71	0.82	29.94
	4	15	0.96	0.96	0.21	1.87	1.34	1.34	0.29	3.92	1.73	1.73	0.37	7.63	2.15	2.15	0.46	11.42	2.55	2.55	0.55	15.13
		17	0.95	0.95	0.21	1.87	1.34	1.34	0.29	3.93	1.74	1.74	0.37	7.65	2.15	2.15	0.46	11.44	2.55	2.55	0.55	15.17
		19	-	-	-	-	1.5	1.29	0.32	5.3	1.79	1.72	0.39	8.14	2.15	2.15	0.47	11.46	2.56	2.56	0.55	15.2
		20	-	-	-	-	2.03	1.27	0.44	10.31	2.1	1.69	0.45	10.99	2.32	2.13	0.5	12.96	2.59	2.55	0.56	15.57
	5	15	0.77	0.77	0.13	1.17	1.19	1.19	0.2	1.83	1.58	1.58	0.27	3.3	1.96	1.96	0.34	5.9	2.36	2.36	0.41	9.03
		17	0.77	0.77	0.13	1.17	1.19	1.19	0.2	1.83	1.58	1.58	0.27	3.3	1.96	1.96	0.34	5.92	2.36	2.36	0.41	9.05
		19	-	-	-	-	1.26	1.16	0.22	1.98	1.59	1.57	0.27	3.37	1.96	1.96	0.34	5.94	2.37	2.37	0.41	9.07
		20	-	-	-	-	1.5	1.09	0.26	2.88	1.72	1.52	0.3	4.19	2.01	1.94	0.35	6.32	2.37	2.37	0.41	9.1
	6	15	0.57	0.57	0.08	0.71	1.01	1.01	0.15	1.27	1.43	1.43	0.2	1.82	1.81	1.81	0.26	2.97	2.19	2.19	0.31	4.93
		17	0.57	0.57	0.08	0.71	1.01	1.01	0.15	1.27	1.43	1.43	0.2	1.82	1.82	1.82	0.26	2.98	2.19	2.19	0.31	4.95
		19	-	-	-	-	1.03	1	0.15	1.29	1.43	1.43	0.2	1.82	1.82	1.82	0.26	2.99	2.19	2.19	0.31	4.97
		20	-	-	-	-	1.15	0.94	0.16	1.43	1.5	1.39	0.22	1.95	1.83	1.81	0.26	3.06	2.19	2.19	0.31	4.97
15	3	15	0.72	0.72	0.21	1.81	1.1	1.1	0.32	5.14	1.52	1.52	0.44	10.16	1.93	1.93	0.55	15.24	2.33	2.33	0.67	21.02
		17	0.72	0.72	0.21	1.81	1.11	1.11	0.32	5.16	1.52	1.52	0.44	10.19	1.93	1.93	0.55	15.28	2.33	2.33	0.67	21.07
		19	-	-	-	-	1.12	1.1	0.32	5.37	1.52	1.52	0.44	10.19	1.93	1.93	0.56	15.32	2.34	2.34	0.67	21.12
		20	-	-	-	-	1.4	1.06	0.4	8.87	1.64	1.5	0.47	11.5	1.95	1.94	0.56	15.45	2.34	2.34	0.67	21.15
	4	15	0.53	0.53	0.12	0.98	0.96	0.96	0.21	1.8	1.34	1.34	0.29	4.03	1.74	1.74	0.38	7.83	2.16	2.16	0.47	11.37
		17	0.53	0.53	0.12	0.98	0.96	0.96	0.21	1.81	1.34	1.34	0.29	4.04	1.75	1.75	0.38	7.85	2.16	2.16	0.47	11.39
		19	-	-	-	-	0.96	0.96	0.21	1.81	1.34	1.34	0.29	4.05	1.75	1.75	0.38	7.87	2.16	2.16	0.47	11.42
		20	-	-	-	-	1.06	0.91	0.23	2.17	1.36	1.33	0.29	4.22	1.75	1.74	0.38	7.86	2.17	2.17	0.47	11.43
	5	15	0.32	0.32	0.06	0.47	0.78	0.78	0.14	1.14	1.2	1.2	0.21	1.81	1.58	1.58	0.27	3.5	1.97	1.97	0.34	6.23
		17	0.32	0.32	0.06	0.47	0.78	0.78	0.14	1.14	1.2	1.2	0.21	1.81	1.58	1.58	0.27	3.51	1.97	1.97	0.34	6.25
		19	-	-	-	-	0.78	0.78	0.14	1.14	1.2	1.2	0.21	1.82	1.58	1.58	0.27	3.52	1.97	1.97	0.34	6.27
		20	-	-	-	-	0.81	0.76	0.14	1.17	1.21	1.2	0.21	1.82	1.58	1.58	0.27	3.53	1.97	1.97	0.34	6.28
	6	15	-	-	-	-	0.58	0.58	0.08	0.69	1.02	1.02	0.15	1.22	1.43	1.43	0.21	1.78	1.81	1.81	0.26	3.1
		17	-	-	-	-	0.58	0.58	0.08	0.69	1.02	1.02	0.15	1.22	1.44	1.44	0.21	1.79	1.82	1.82	0.26	3.11
		19	-	-	-	-	0.58	0.58	0.08	0.69	1.02	1.02	0.15	1.22	1.44	1.44	0.21	1.79	1.82	1.82	0.26	3.12
		20	-	-	-	-	0.58	0.58	0.08	0.69	1.02	1.02	0.15	1.22	1.44	1.44	0.21	1.79	1.82	1.82	0.26	3.12

Abbreviations:

EWT: Enter Water Temp. (°C) Δt : Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

7.3 2-pipe FCU Heating Capacity Table

SF2-300C2													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
$^{\circ}\text{C}$	$^{\circ}\text{C}$	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa
40	8	2.88	0.31	5.69	2.56	0.28	4.45	2.24	0.24	3.19	1.93	0.21	2.14
	10	2.67	0.23	2.75	2.36	0.2	1.99	2.05	0.18	1.42	1.73	0.15	1.12
	12	2.47	0.18	1.45	2.14	0.15	1.18	1.81	0.13	1	1.46	0.11	0.81
	14	2.22	0.14	1.08	1.88	0.12	0.91	1.52	0.09	0.75	1.15	0.07	0.57
	16	1.95	0.11	0.85	1.59	0.09	0.7	1.2	0.06	0.53	0.76	0.04	0.34
45	8	3.69	0.4	8.45	3.37	0.36	7.23	3.05	0.33	6.09	2.72	0.29	5.04
	10	3.48	0.3	5.25	3.14	0.27	4.35	2.82	0.24	3.4	2.51	0.22	2.49
	12	3.25	0.23	3.05	2.93	0.21	2.32	2.63	0.19	1.71	2.32	0.17	1.26
	14	3.06	0.19	1.68	2.74	0.17	1.3	2.41	0.15	1.07	2.07	0.13	0.91
	16	2.84	0.15	1.13	2.5	0.13	0.98	2.15	0.12	0.85	1.8	0.1	0.71
50	8	4.49	0.48	11.48	4.16	0.45	10.1	3.84	0.41	8.8	3.52	0.38	7.59
	10	4.3	0.37	7.35	3.97	0.34	6.42	3.64	0.32	5.55	3.31	0.29	4.74
	12	4.08	0.29	4.95	3.75	0.27	4.26	3.41	0.25	3.55	3.09	0.22	2.8
	14	3.85	0.24	3.26	3.52	0.22	2.61	3.2	0.2	2.03	2.89	0.18	1.54
	16	3.64	0.2	1.98	3.33	0.18	1.55	3.01	0.16	1.22	2.68	0.14	0.99
55	8	5.27	0.57	14.8	4.95	0.53	13.26	4.62	0.5	11.81	4.3	0.46	10.44
	10	5.1	0.44	9.6	4.77	0.41	8.57	4.45	0.38	7.6	4.12	0.36	6.68
	12	4.91	0.35	6.6	4.57	0.33	5.86	4.24	0.31	5.16	3.91	0.28	4.5
	14	4.7	0.29	4.75	4.36	0.27	4.19	4.02	0.25	3.62	3.69	0.23	3.04
	16	4.46	0.24	3.4	4.12	0.22	2.86	3.79	0.2	2.33	3.47	0.19	1.85
60	8	6.06	0.65	18.5	5.73	0.62	16.8	5.4	0.58	15.18	5.08	0.55	13.66
	10	5.89	0.51	11.99	5.56	0.48	10.86	5.23	0.45	9.79	4.91	0.42	8.77
	12	5.71	0.41	8.36	5.38	0.39	7.55	5.05	0.36	6.78	4.72	0.34	6.05
	14	5.52	0.34	6.09	5.19	0.32	5.48	4.85	0.3	4.89	4.52	0.28	4.34
	16	5.31	0.29	4.57	4.97	0.27	4.09	4.63	0.25	3.62	4.29	0.23	3.15

Abbreviations:

Δt : Temperature Difference. ($^{\circ}\text{C}$) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

SF2-400C2													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
$^{\circ}\text{C}$	$^{\circ}\text{C}$	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa
40	8	3.71	0.4	5.63	3.3	0.36	4.61	2.88	0.31	3.66	2.47	0.27	2.64
	10	3.41	0.29	3.29	3	0.26	2.43	2.6	0.22	1.66	2.21	0.19	1.08
	12	3.14	0.23	1.66	2.75	0.2	1.17	2.34	0.17	0.85	1.9	0.14	0.68
	14	2.87	0.18	0.93	2.44	0.15	0.76	1.99	0.12	0.63	1.52	0.09	0.48
	16	2.53	0.14	0.72	2.07	0.11	0.59	1.59	0.09	0.46	1.03	0.06	0.3
45	8	4.72	0.51	8.28	4.31	0.47	7.1	3.91	0.42	6	3.5	0.38	4.98
	10	4.47	0.39	5.18	4.05	0.35	4.39	3.63	0.31	3.66	3.21	0.28	2.94
	12	4.18	0.3	3.42	3.76	0.27	2.77	3.34	0.24	2.1	2.94	0.21	1.5
	14	3.88	0.24	2.04	3.48	0.21	1.52	3.08	0.19	1.1	2.67	0.16	0.8
	16	3.62	0.2	1.17	3.21	0.17	0.89	2.78	0.15	0.72	2.34	0.13	0.6
50	8	5.72	0.62	11.23	5.31	0.57	9.89	4.91	0.53	8.64	4.51	0.49	7.46
	10	5.49	0.47	7.2	5.08	0.44	6.31	4.67	0.4	5.47	4.26	0.37	4.68
	12	5.24	0.38	4.88	4.82	0.35	4.24	4.4	0.32	3.63	3.98	0.29	3.07
	14	4.96	0.31	3.44	4.53	0.28	2.94	4.1	0.25	2.42	3.68	0.23	1.88
	16	4.65	0.25	2.37	4.23	0.23	1.89	3.82	0.21	1.45	3.42	0.18	1.07
55	8	6.71	0.73	14.57	6.3	0.68	13	5.9	0.64	11.59	5.49	0.59	10.26
	10	6.5	0.56	9.4	6.09	0.53	8.4	5.68	0.49	7.46	5.27	0.46	6.57
	12	6.27	0.45	6.46	5.85	0.42	5.75	5.44	0.39	5.07	5.03	0.36	4.44
	14	6.02	0.37	4.67	5.6	0.35	4.13	5.18	0.32	3.62	4.77	0.29	3.14
	16	5.74	0.31	3.45	5.31	0.29	3.02	4.88	0.26	2.61	4.45	0.24	2.18
60	8	7.7	0.83	18.05	7.29	0.79	16.48	6.88	0.74	14.91	6.48	0.7	13.35
	10	7.5	0.65	11.74	7.08	0.61	10.64	6.67	0.58	9.6	6.27	0.54	8.62
	12	7.28	0.52	8.21	6.87	0.49	7.42	6.45	0.46	6.67	6.04	0.44	5.96
	14	7.05	0.43	5.96	6.63	0.41	5.37	6.21	0.38	4.81	5.8	0.36	4.28
	16	6.8	0.37	4.5	6.38	0.34	4.03	5.96	0.32	3.59	5.53	0.3	3.16

Abbreviations:

Δt : Temperature Difference. ($^{\circ}\text{C}$) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

SF2-500C2													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
$^{\circ}\text{C}$	$^{\circ}\text{C}$	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa
40	8	4.3	0.46	8.25	3.81	0.41	6.71	3.31	0.36	5.3	2.82	0.3	3.99
	10	3.93	0.34	4.89	3.42	0.3	3.77	2.93	0.25	2.6	2.47	0.21	1.63
	12	3.55	0.26	2.63	3.08	0.22	1.79	2.61	0.19	1.18	2.11	0.15	0.86
	14	3.22	0.2	1.33	2.72	0.17	0.99	2.2	0.14	0.79	1.65	0.1	0.6
	16	2.83	0.15	0.91	2.29	0.12	0.74	1.72	0.09	0.56	1.09	0.06	0.36
45	8	5.5	0.59	12.22	5.01	0.54	10.41	4.52	0.49	8.75	4.04	0.44	7.21
	10	5.18	0.45	7.58	4.68	0.4	6.38	4.18	0.36	5.27	3.69	0.32	4.26
	12	4.83	0.35	4.98	4.31	0.31	4.11	3.8	0.27	3.23	3.31	0.24	2.32
	14	4.42	0.27	3.18	3.92	0.24	2.38	3.45	0.21	1.68	2.98	0.18	1.14
	16	4.07	0.22	1.82	3.6	0.19	1.31	3.11	0.17	0.95	2.59	0.14	0.76
50	8	6.68	0.72	16.69	6.18	0.67	14.62	5.69	0.61	12.69	5.21	0.56	10.9
	10	6.39	0.55	10.62	5.89	0.51	9.24	5.39	0.47	7.96	4.91	0.42	6.77
	12	6.07	0.44	7.13	5.57	0.4	6.16	5.07	0.36	5.24	4.56	0.33	4.4
	14	5.72	0.35	4.99	5.21	0.32	4.26	4.69	0.29	3.56	4.18	0.26	2.86
	16	5.34	0.29	3.55	4.81	0.26	2.9	4.3	0.23	2.24	3.82	0.21	1.63
55	8	7.85	0.85	21.75	7.36	0.79	19.41	6.86	0.74	17.22	6.37	0.69	15.08
	10	7.58	0.65	13.94	7.08	0.61	12.39	6.58	0.57	10.94	6.09	0.53	9.58
	12	7.28	0.52	9.52	6.78	0.49	8.42	6.28	0.45	7.39	5.79	0.42	6.42
	14	6.97	0.43	6.83	6.46	0.4	6.01	5.95	0.37	5.23	5.44	0.34	4.5
	16	6.63	0.36	5.01	6.11	0.33	4.37	5.6	0.3	3.76	5.08	0.27	3.19
60	8	9.02	0.97	27.04	8.52	0.92	24.47	8.02	0.86	22.03	7.53	0.81	19.81
	10	8.76	0.76	17.56	8.26	0.71	15.84	7.76	0.67	14.16	7.26	0.63	12.64
	12	8.48	0.61	12.15	7.98	0.57	10.93	7.48	0.54	9.78	6.98	0.5	8.69
	14	8.19	0.5	8.78	7.68	0.47	7.86	7.18	0.44	7	6.68	0.41	6.19
	16	7.88	0.43	6.58	7.37	0.4	5.87	6.85	0.37	5.19	6.34	0.34	4.56

Abbreviations:

Δt : Temperature Difference. ($^{\circ}\text{C}$) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

7.4 4-pipe FCU Heating Capacity Table

SF2-300C4													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
$^{\circ}\text{C}$	$^{\circ}\text{C}$	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa
40	8	1.54	0.17	4.35	1.34	0.14	3.36	1.15	0.12	2.34	0.98	0.11	1.51
	10	1.36	0.12	1.96	1.19	0.1	1.37	1.01	0.09	0.95	0.83	0.07	0.74
	12	1.22	0.09	0.96	1.03	0.07	0.78	0.84	0.06	0.64	0.65	0.05	0.5
	14	1.04	0.06	0.69	0.85	0.05	0.57	0.66	0.04	0.44	0.46	0.03	0.31
	16	0.54	0.01	0.19	0.66	0.04	0.4	0.46	0.02	0.28	0.25	0.01	0.15
45	8	2.04	0.22	6.84	1.85	0.2	5.78	1.65	0.18	4.79	1.46	0.16	3.88
	10	1.85	0.16	4	1.65	0.14	3.28	1.46	0.13	2.51	1.28	0.11	1.78
	12	1.66	0.12	2.19	1.49	0.11	1.62	1.31	0.09	1.16	1.14	0.08	0.84
	14	1.52	0.09	1.12	1.34	0.08	0.86	1.16	0.07	0.7	0.97	0.06	0.58
	16	1.36	0.07	0.74	1.17	0.06	0.63	0.98	0.05	0.53	0.79	0.04	0.43
50	8	2.53	0.27	9.64	2.34	0.25	8.42	2.15	0.23	7.28	1.96	0.21	6.21
	10	2.36	0.2	5.9	2.17	0.19	5.1	1.97	0.17	4.35	1.78	0.15	3.65
	12	2.18	0.16	3.78	1.98	0.14	3.21	1.78	0.13	2.63	1.59	0.11	2.03
	14	1.98	0.12	2.36	1.79	0.11	1.85	1.61	0.1	1.4	1.44	0.09	1.03
	16	1.82	0.1	1.34	1.65	0.09	1.03	1.47	0.08	0.79	1.29	0.07	0.64
55	8	3.01	0.32	12.75	2.82	0.3	11.38	2.63	0.28	10.08	2.44	0.26	8.86
	10	2.86	0.25	7.98	2.66	0.23	7.08	2.47	0.21	6.23	2.28	0.2	5.42
	12	2.69	0.19	5.27	2.49	0.18	4.63	2.3	0.17	4.04	2.1	0.15	3.47
	14	2.51	0.15	3.63	2.31	0.14	3.16	2.11	0.13	2.7	1.91	0.12	2.23
	16	2.31	0.12	2.48	2.11	0.11	2.05	1.92	0.1	1.63	1.74	0.09	1.26
60	8	3.49	0.38	16.15	3.3	0.36	14.72	3.11	0.34	13.27	2.92	0.32	11.89
	10	3.34	0.29	10.2	3.15	0.27	9.21	2.96	0.25	8.26	2.76	0.24	7.37
	12	3.18	0.23	6.91	2.99	0.22	6.21	2.8	0.2	5.52	2.6	0.19	4.88
	14	3.02	0.19	4.85	2.82	0.17	4.33	2.63	0.16	3.83	2.43	0.15	3.36
	16	2.84	0.15	3.5	2.64	0.14	3.1	2.44	0.13	2.71	2.24	0.12	2.33

Abbreviations:

Δt : Temperature Difference. ($^{\circ}\text{C}$) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

SF2-400C4													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
$^{\circ}\text{C}$	$^{\circ}\text{C}$	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa
40	8	2.16	0.23	5.28	1.92	0.21	4.31	1.69	0.18	3.47	1.45	0.16	2.68
	10	2.02	0.18	3.25	1.78	0.15	2.57	1.54	0.13	1.85	1.3	0.11	1.19
	12	1.88	0.14	1.91	1.64	0.12	1.32	1.4	0.1	0.87	1.15	0.08	0.61
	14	1.73	0.11	0.99	1.48	0.09	0.71	1.23	0.08	0.56	0.97	0.06	0.44
	16	1.57	0.08	0.65	1.3	0.07	0.53	1.03	0.06	0.43	0.73	0.04	0.31
45	8	2.73	0.29	7.66	2.49	0.27	6.54	2.25	0.24	5.47	2.01	0.22	4.54
	10	2.6	0.22	4.84	2.36	0.2	4.08	2.12	0.18	3.4	1.88	0.16	2.78
	12	2.46	0.18	3.24	2.21	0.16	2.71	1.97	0.14	2.2	1.73	0.12	1.64
	14	2.31	0.14	2.21	2.06	0.13	1.7	1.82	0.11	1.23	1.58	0.1	0.84
	16	2.16	0.12	1.34	1.92	0.1	0.97	1.67	0.09	0.69	1.42	0.08	0.53
50	8	3.3	0.35	10.28	3.05	0.33	9.04	2.81	0.3	7.8	2.57	0.28	6.73
	10	3.17	0.27	6.59	2.92	0.25	5.74	2.68	0.23	4.97	2.44	0.21	4.23
	12	3.04	0.22	4.53	2.79	0.2	3.91	2.55	0.18	3.36	2.3	0.17	2.83
	14	2.9	0.18	3.23	2.65	0.16	2.78	2.4	0.15	2.36	2.16	0.13	1.93
	16	2.75	0.15	2.37	2.5	0.13	1.97	2.25	0.12	1.57	2.01	0.11	1.17
55	8	3.86	0.42	13.3	3.61	0.39	11.84	3.36	0.36	10.43	3.12	0.34	9.22
	10	3.74	0.32	8.56	3.49	0.3	7.63	3.24	0.28	6.72	3	0.26	5.86
	12	3.61	0.26	5.95	3.36	0.24	5.26	3.11	0.22	4.6	2.87	0.21	4.01
	14	3.48	0.21	4.3	3.23	0.2	3.79	2.98	0.18	3.31	2.73	0.17	2.85
	16	3.34	0.18	3.22	3.09	0.17	2.82	2.84	0.15	2.44	2.59	0.14	2.09
60	8	4.42	0.48	16.44	4.17	0.45	14.91	3.92	0.42	13.4	3.67	0.39	11.91
	10	4.3	0.37	10.7	4.05	0.35	9.68	3.8	0.33	8.63	3.56	0.31	7.69
	12	4.18	0.3	7.49	3.93	0.28	6.7	3.68	0.26	5.99	3.43	0.25	5.33
	14	4.06	0.25	5.47	3.8	0.23	4.88	3.55	0.22	4.35	3.3	0.2	3.84
	16	3.92	0.21	4.13	3.67	0.2	3.67	3.41	0.18	3.25	3.17	0.17	2.87

Abbreviations:

Δt : Temperature Difference. ($^{\circ}\text{C}$) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

SF2-500C4													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	2.36	0.26	6.07	2.1	0.23	4.96	1.84	0.2	3.96	1.58	0.17	3.07
	10	2.2	0.19	3.7	1.93	0.17	2.97	1.67	0.14	2.21	1.41	0.12	1.44
	12	2.02	0.15	2.25	1.76	0.13	1.59	1.5	0.11	1.03	1.23	0.09	0.66
	14	1.85	0.11	1.17	1.58	0.1	0.8	1.31	0.08	0.59	1.02	0.06	0.46
	16	1.67	0.09	0.7	1.38	0.07	0.56	1.09	0.06	0.45	0.76	0.04	0.32
45	8	2.99	0.32	8.8	2.73	0.29	7.55	2.47	0.27	6.33	2.21	0.24	5.26
	10	2.84	0.25	5.55	2.57	0.22	4.67	2.31	0.2	3.9	2.05	0.18	3.18
	12	2.67	0.19	3.69	2.41	0.17	3.08	2.14	0.15	2.52	1.87	0.13	1.95
	14	2.5	0.15	2.55	2.23	0.14	2.02	1.96	0.12	1.47	1.7	0.1	1
	16	2.32	0.13	1.6	2.06	0.11	1.15	1.79	0.1	0.8	1.52	0.08	0.58
50	8	3.62	0.39	11.97	3.35	0.36	10.46	3.09	0.33	9.12	2.82	0.3	7.79
	10	3.47	0.3	7.61	3.2	0.28	6.63	2.94	0.25	5.72	2.68	0.23	4.89
	12	3.32	0.24	5.18	3.05	0.22	4.5	2.78	0.2	3.84	2.52	0.18	3.25
	14	3.15	0.19	3.68	2.88	0.18	3.16	2.61	0.16	2.68	2.34	0.14	2.23
	16	2.98	0.16	2.69	2.71	0.15	2.27	2.43	0.13	1.84	2.16	0.12	1.4
55	8	4.25	0.46	15.41	3.97	0.43	13.81	3.71	0.4	12.24	3.44	0.37	10.77
	10	4.1	0.35	9.93	3.83	0.33	8.82	3.56	0.31	7.81	3.3	0.28	6.84
	12	3.95	0.28	6.84	3.68	0.26	6.07	3.41	0.25	5.33	3.14	0.23	4.62
	14	3.8	0.23	4.94	3.53	0.22	4.35	3.26	0.2	3.8	2.99	0.18	3.28
	16	3.64	0.2	3.68	3.36	0.18	3.22	3.09	0.17	2.79	2.82	0.15	2.39
60	8	4.87	0.52	19.28	4.6	0.49	17.35	4.32	0.46	15.6	4.06	0.44	14.03
	10	4.73	0.41	12.45	4.46	0.38	11.27	4.18	0.36	10.06	3.92	0.34	9.01
	12	4.59	0.33	8.66	4.31	0.31	7.8	4.04	0.29	6.94	3.77	0.27	6.17
	14	4.44	0.27	6.31	4.16	0.26	5.65	3.89	0.24	5.02	3.62	0.22	4.44
	16	4.28	0.23	4.74	4	0.22	4.23	3.73	0.2	3.74	3.46	0.19	3.29

Abbreviations:

Δt : Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

8 Electrical Characteristics

Table 8.1: Compact Four-way Cassette electrical characteristics

Model name	Power supply						Indoor fan motors	
	Hz	Volts	Min. volts	Max. volts	MCA	MFA	Rated motor output (kW)	FLA
SF2-300C2	50	220-240	220	240	0.3	/	0.020	0.3
SF2-400C2	50	220-240	220	240	0.4	/	0.030	0.3
SF2-500C2	50	220-240	220	240	0.5	/	0.046	0.5
SF2-300C4	50	220-240	220	240	0.3	/	0.020	0.3
SF2-400C4	50	220-240	220	240	0.4	/	0.030	0.4
SF2-500C4	50	220-240	220	240	0.5	/	0.046	0.5

Abbreviations:

MCA: Minimum Circuit Amps

MFA: Maximum Fuse Amps

FLA: Full Load Amps

9 Sound Levels

9.1 Overall

Table 9.1.1: Compact Four-way Cassette sound power levels¹

Model name	Sound power levels dB(A)						
	SSH	SH	H	M	L	SL	SSL
SF2-300C2	42.6	41.7	40.6	39.7	38.6	37.7	37.2
SF2-400C2	50.2	48.2	46.3	44.3	42.7	40.4	38.7
SF2-500C2	56.6	54.6	52.4	50.2	47.9	45.2	42.1
SF2-300C4	42	40.6	39.5	38.8	38.2	38.7	37.2
SF2-400C4	50.1	48.3	46.5	44.5	42.5	40.5	38.4
SF2-500C4	56.3	54.8	52.4	50.2	47.8	45.1	42.2

Notes:

1. Sound power levels are measured 1m around the unit in a reverberation chamber. During in-situ operation, sound power levels may be higher as a result of ambient noise.

Table 9.1.2: Compact Four-way Cassette sound pressure levels¹

Model name	Sound pressure levels dB(A)						
	SSH	SH	H	M	L	SL	SSL
SF2-300C2	29.8	28.6	27.9	26.7	25.9	25.1	24.4
SF2-400C2	37.8	35.7	34	32.4	30.6	28.5	26.8
SF2-500C2	44.1	42.2	40	37.9	35.3	32.9	29.8
SF2-300C4	29.6	28.5	27	26.6	25.8	24.8	23.6
SF2-400C4	37.9	36.1	34	32.4	30.6	28.3	25.9
SF2-500C4	44.5	42	39.9	37.6	35	32.6	29.6

Notes:

1. Sound pressure levels are measured 1m below and right of the unit in a semi-anechoic chamber. During in-situ operation, sound pressure levels may be higher as a result of ambient noise.

Figure 9.1.1: Compact Four-way Cassette sound power level measurement

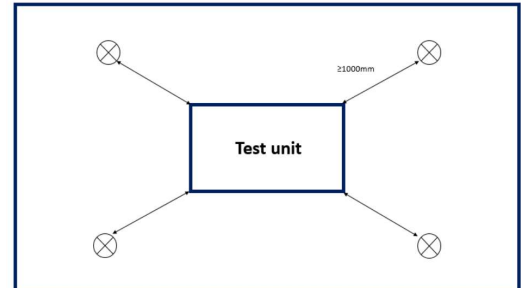
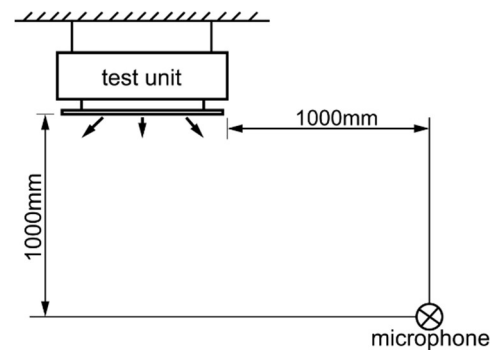


Figure 9.1.2: Compact Four-way Cassette sound pressure level measurement



9.2 Octave Band Levels

Figure 9.2.1: SF2-300C2 octave band levels

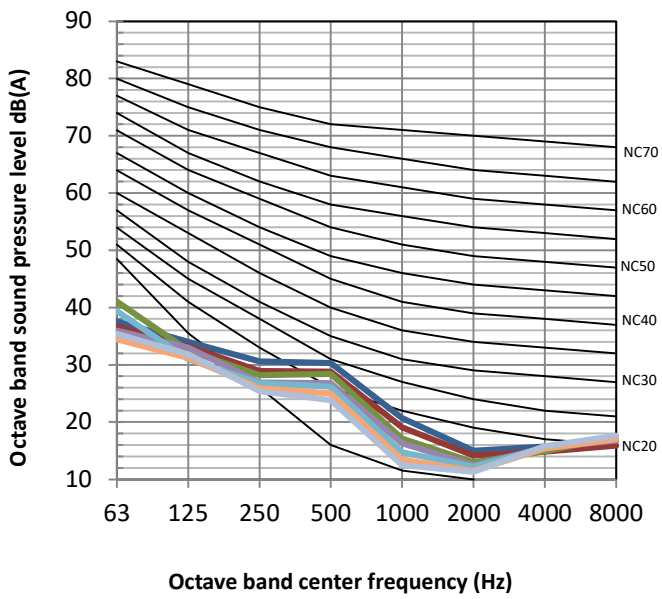


Figure 9.2.2: SF2-400C2 octave band levels

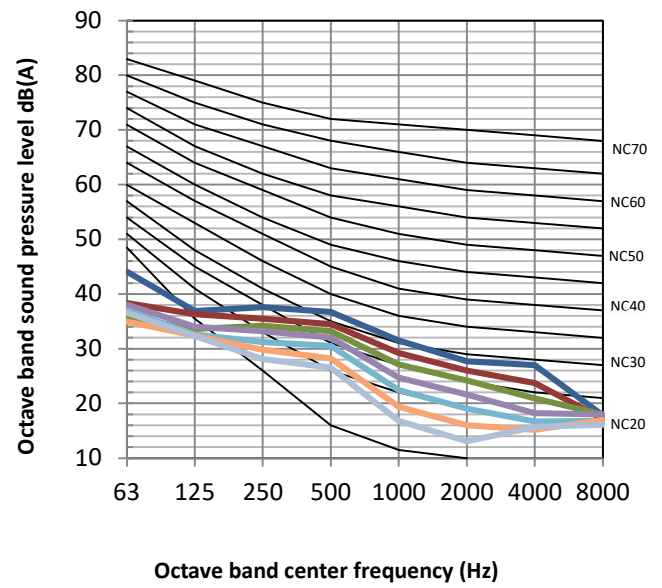


Figure 9.2.3: SF2-500C2 octave band levels

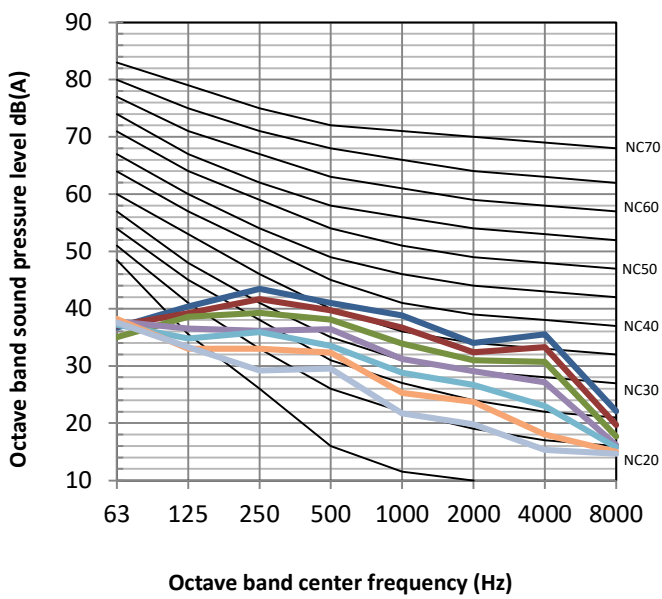


Figure 9.2.4: SF2-300C4 octave band levels

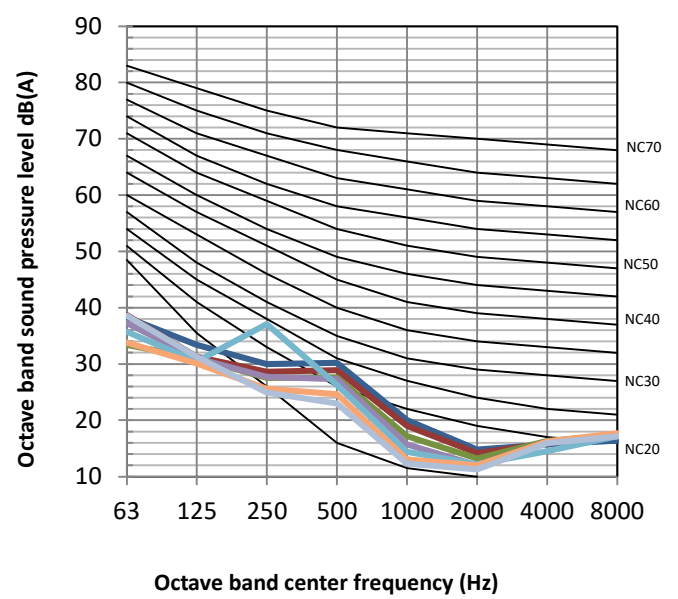


Figure 9.2.5: SF2-400C4 octave band levels

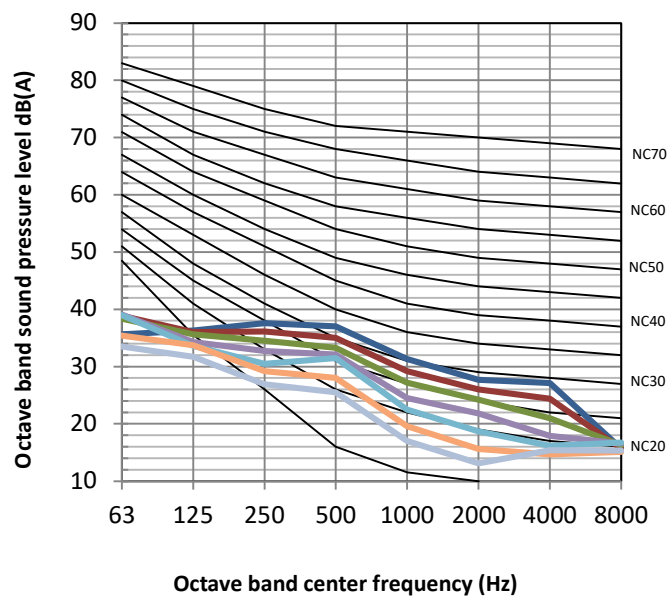
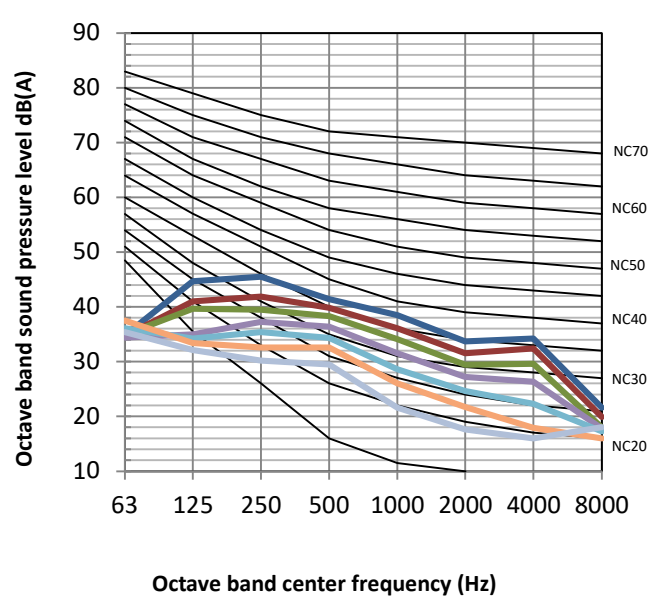


Figure 9.2.6: SF2-500C4 octave band levels



NOTE CONCERNING PROTECTION OF ENVIRONMENT



This product must not be disposed of via normal household waste after its service life, but must be taken to a collection station for the recycling of electrical and electronic devices. The symbol on the product, the operating instructions or the packaging indicate such disposal procedures. The materials are recyclable in accordance with their respective symbols. By means of re-use, material recycling or any other form of recycling old appliances you are making an important contribution to the protection of our environment. Please ask your local council where your nearest disposal station is located.

In case of quality problem or other please contact your local supplier or authorized service center.

Emergency number: 112

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