Technical Manual

50Hz DC Fan Coil Unit

2-Pipe Duct MKT3(C) Series



CONTENTS

Part 1 General Information 3

Part 2 Performance 7

Part 3 Accessories 68

Part 1

General Information

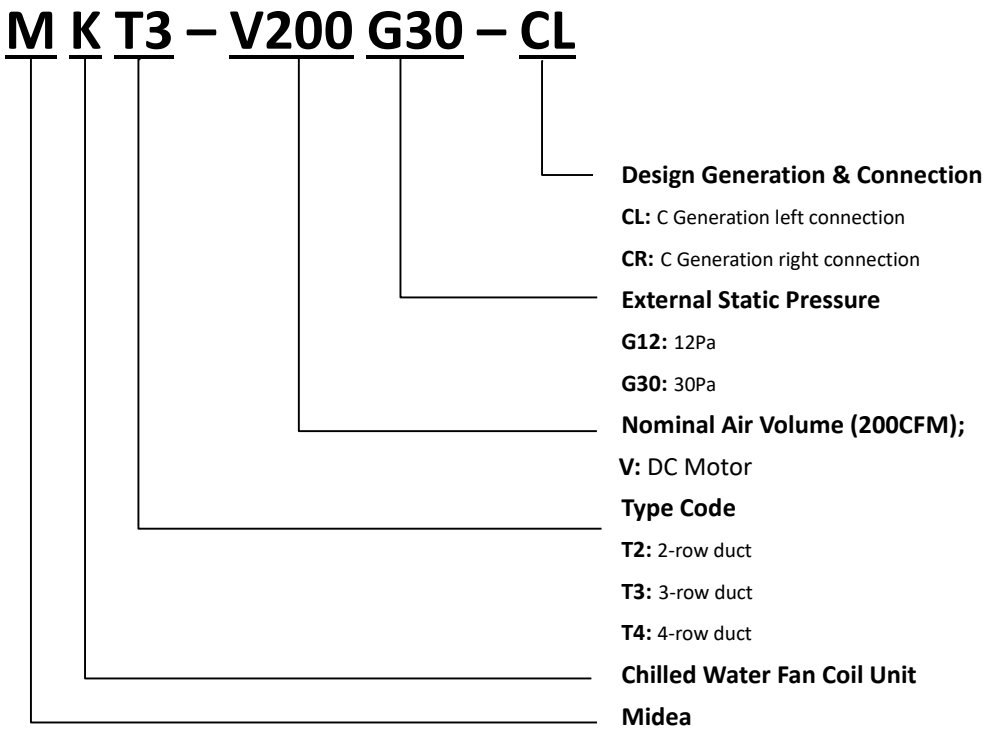
1 Product lineup 4

2 Nomenclature 5

1 Product lineup

Model	Power supply	Appearance
MKT3-V200G12-CL	220-240V~1N~50Hz	
MKT3-V300G12-CL		
MKT3-V400G12-CL	220-240V~1N~50Hz	
MKT3-V500G12-CL		
MKT3-V600G12-CL		
MKT3-V700G12-CL		
MKT3-V800G12-CL	220-240V~1N~50Hz	
MKT3-V1000G12-CL		
MKT3-V1200G12-CL	220-240V~1N~50Hz	
MKT3-V1400G12-CL		

2 Nomenclature



Part 2

Performance

1 SPECIFICATIONS 8
2 DIMENSIONS 12
3 CAPACITY TABLES 13
4 OCTAVE BAND LEVELS 53
5 STATIC PRESSURE GRAPHS 59
6 WIRING DIAGRAMS 71
7 ELECTRICAL CHARACTERISTIC 72
8 MAIN PCB PORTS 73

1 Specifications

Model name			MKT3-V200G12-CL	MKT3-V300G12-CL	MKT3-V400G12-CL
Power supply		V/Ph/Hz	220-240V/1/50		
Air flow (H/M/L)		m^3/h	374/301/228	550/421/307	734/584/436
		CFM	220/177/134	324/248/181	432/344/256
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller		
Cooling	Capacity (H/M/L)	kW	2.45/2.05/1.59	3.35/2.89/2.21	4.25/3.69/2.88
	Water pressure (H/M/L)	kPa	17.00/13.70/10.94	23.00/17.60/10.60	19.00/14.70/9.40
	Water flow rate (H/M/L)	m^3/h	0.41/0.35/0.28	0.59/0.49/0.37	0.76/0.63/0.49
Heating	Capacity (H/M/L)	kW	2.68/2.24/1.83	3.95/3.25/2.51	5.00/4.31/3.36
	Water pressure (H/M/L)	kPa	17.00/13.10/11.86	25.00/18.10/11.20	21.00/15.90/9.90
	Water flow rate (H/M/L)	m^3/h	0.45/0.38/0.33	0.67/0.55/0.42	0.89/0.74/0.57
Power input Cooling (H/M/L)		W	17.0/12.0/8.0	22.0/14.0/9.0	32.0/21.0/13.0
Power input Heating (H/M/L)		W	17.0/12.0/9.0	23.0/15.0/10.0	34.0/22.0/13.0
Auxiliary electric heater (optional)		W	500	600	1000
Rated Current		A	0.2	0.3	0.4
Sound pressure level (H/M/L)		dB(A)	39/33/25	37/31/22.5	43/37.5/30
Sound power level (H/M/L)		dB(A)	53/47/40	56/46/39	57/51/44
Fan motor	Type	/	DC motor		
	Quantity	/	1		
Fan	Type	/	Centrifugal, forward-curved blades		
	Quantity	/	1	2	2
Coil	Row	/	3		
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Net Dimensions (W×H×D)	mm	632*243*482	773*243*482	908*243*482
	Packing (W×H×D)	mm	698*270*520	843*270*520	978*270*520
	Net weight	kg	14.0	17.2	19.2
	Gross weight	kg	16.0	19.5	22.2
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	ZG3/4		

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions : water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19°C WB, with air return plenum and filter;
3. Heating conditions : water inlet 45°C, water outlet 40°C, entering air temperature 20°C DB, with air return plenum and filter;
4. Sound pressure level is tested in the semi-anechoic room with background noise is 17.5dB (A), when the unit is without accessories and running in dry condition, at 1m below & 1m front the vertical center line of the unit with 1m outlet duct;
5. Air flow is tested under dry condition, 20°C DB, with air return plenum and filter;
6. Left and right unit can be changed in the field, but cooling should be multiplied with correction factor 0.9;
7. The performance data on above sheet was tested under 220V~50Hz;
8. Auxiliary electric heater (AEH) is optional;
9. All specifications are subject to change by the manufacturer without prior notice.

Model name			MKT3-V500G12-CL	MKT3-V600G12-CL
Power supply		V/Ph/Hz	220-240V/1/50	
Air flow (H/M/L)		m^3/h	800/622/456	1022/810/552
		CFM	471/366/268	601/476/325
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller	
Cooling	Capacity (H/M/L)	kW	4.55/3.92/2.97	5.85/4.88/3.66
	Water pressure (H/M/L)	kPa	23.00/18.96/12.11	34.00/26.50/16.90
	Water flow rate (H/M/L)	m^3/h	0.80/0.67/0.54	1.00/0.84/0.65
Heating	Capacity (H/M/L)	kW	5.50/4.38/3.20	6.90/5.66/4.21
	Water pressure (H/M/L)	kPa	25.00/19.93/11.95	38.00/28.70/18.60
	Water flow rate (H/M/L)	m^3/h	0.92/0.76/0.59	1.16/0.96/0.75
Power input Cooling (H/M/L)		W	35.0/22.0/13.0	59.0/34.0/18.0
Power input Heating (H/M/L)		W	37.0/26.0/14.0	64.0/36.0/19.0
Auxiliary electric heater (optional)		W	1000	1500
Rated Current		A	0.4	0.6
Sound pressure level (H/M/L)		dB(A)	45/39/31	49.5/43.5/34
Sound power level (H/M/L)		dB(A)	58/53/45	64/58/49
Fan motor	Type	/	DC motor	
	Quantity	/	1	
Fan	Type	/	Centrifugal, forward-curved blades	
	Quantity	/	2	
Coil	Row	/	3	
	MAX. working pressure	MPa	1.6MPa	
	Diameter	mm	7	
Body	Net Dimensions (W×H×D)	mm	908*243*482	1003*243*482
	Packing (W×H×D)	mm	978*270*520	1073*270*520
	Net weight	kg	19.2	21.7
	Gross weight	kg	22.2	24.5
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	
	Drain pipe	inch	ZG3/4	

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions : water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19°C WB, with air return plenum and filter;
3. Heating conditions : water inlet 45°C, water outlet 40°C, entering air temperature 20°C DB, with air return plenum and filter;
4. Sound pressure level is tested in the semi-anechoic room with background noise is 17.5dB (A), when the unit is without accessories and running in dry condition, at 1m below & 1m front the vertical center line of the unit with 1m outlet duct;
5. Air flow is tested under dry condition, 20°C DB, with air return plenum and filter;
6. Left and right unit can be changed in the field, but cooling should be multiplied with correction factor 0.9;
7. The performance data on above sheet was tested under 220V~50Hz;
8. Auxiliary electric heater (AEH) is optional;
9. All specifications are subject to change by the manufacturer without prior notice.

Model name			MKT3-V700G12-CL	MKT3-V800G12-CL	MKT3-V1000G12-CL
Power supply		V/Ph/Hz	220-240V/1/50		
Air flow (H/M/L)		m^3/h	1190/1015/806	1400/1082/816	1650/1201/746
		CFM	700/597/474	824/636/480	971/706/439
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller		
Cooling	Capacity (H/M/L)	kW	6.50/6.04/5.09	8.02/6.65/5.37	9.05/7.10/4.97
	Water pressure (H/M/L)	kPa	22.00/19.00/15.60	32.00/26.06/18.05	32.00/22.01/11.71
	Water flow rate (H/M/L)	m^3/h	1.19/1.05/0.91	1.36/1.17/0.94	1.58/1.26/0.88
Heating	Capacity (H/M/L)	kW	7.60/6.96/5.81	9.40/7.36/5.82	11.00/8.02/5.41
	Water pressure (H/M/L)	kPa	25.0/21.1/16.2	41.00/25.33/16.36	33.00/21.55/10.90
	Water flow rate (H/M/L)	m^3/h	1.38/1.22/1.05	1.53/1.26/0.98	1.78/1.36/0.92
Power input Cooling (H/M/L)		W	70.0/48.0/30.0	67.0/40.0/22.0	114.0/50.0/18.0
Power input Heating (H/M/L)		W	75.0/52.0/33.0	72.0/42.0/22.0	119.0/54.0/19.0
Auxiliary electric heater (optional)		W	1500	2000	2000
Rated Current		A	0.7	0.7	1.0
Sound pressure level (H/M/L)		dB(A)	51/45/40	49.5/43/36	54.5/46/34
Sound power level (H/M/L)		dB(A)	65/58/55	63/59/52	67/61/50
Fan motor	Type	/	DC motor		
	Quantity	/	1		
Fan	Type	/	Centrifugal, forward-curved blades		
	Quantity	/	2	3	3
Coil	Row	/	3		
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Net Dimensions (W×H×D)	mm	1178*243*482	1368*243*482	1368*243*482
	Packing (W×H×D)	mm	1248*270*520	1438*270*520	1438*270*520
	Net weight	kg	23.5	27.7	27.7
	Gross weight	kg	26.8	30.7	30.7
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	ZG3/4		

NOTES:

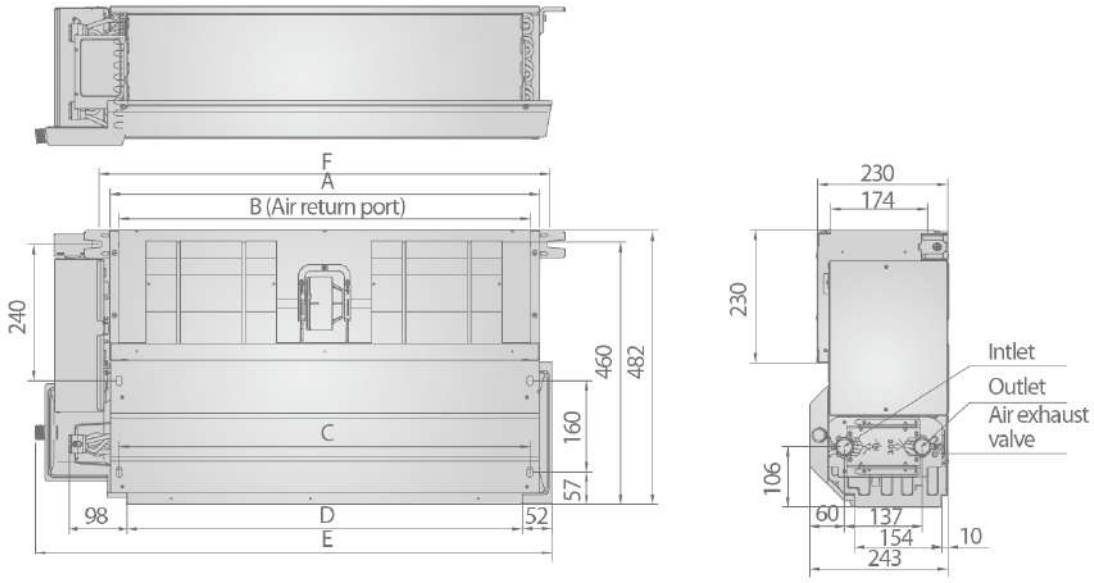
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions : water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19°C WB, with air return plenum and filter;
3. Heating conditions : water inlet 45°C, water outlet 40°C, entering air temperature 20°C DB, with air return plenum and filter;
4. Sound pressure level is tested in the semi-anechoic room with background noise is 17.5dB (A), when the unit is without accessories and running in dry condition, at 1m below & 1m front the vertical center line of the unit with 1m outlet duct;
5. Air flow is tested under dry condition, 20°C DB, with air return plenum and filter;
6. Left and right unit can be changed in the field, but cooling should be multiplied with correction factor 0.9;
7. The performance data on above sheet was tested under 220V~50Hz;
8. Auxiliary electric heater (AEH) is optional;
9. All specifications are subject to change by the manufacturer without prior notice.

Model name			MKT3-V1200G12-CL	MKT3-V1400G12-CL
Power supply		V/Ph/Hz	220-240V/1/50	
Air flow (H/M/L)		m^3/h	1750/1222/912	2250/1952/1675
		CFM	1029/719/537	1324/1148/985
Standard external static pressure		Pa	12Pa (default); 30/50Pa a can be set through dial switch on the PCB or by wired controller	
Cooling	Capacity (H/M/L)	kW	10.08/7.25/6.02	11.11/10.58/9.77
	Water pressure (H/M/L)	kPa	27.00/20.70/14.00	33.00/29.29/25.92
	Water flow rate (H/M/L)	m^3/h	1.69/1.44/1.16	2.02/1.84/1.71
Heating	Capacity (H/M/L)	kW	11.83/8.32/6.78	12.67/11.98/10.59
	Water pressure (H/M/L)	kPa	26.00/20.12/13.30	34.00/30.41/25.26
	Water flow rate (H/M/L)	m^3/h	1.94/1.64/1.30	2.23/2.04/1.84
Power input Cooling (H/M/L)		W	110.0/51.0/28.0	110.0/85.0/62.0
Power input Heating (H/M/L)		W	119.0/54.0/29.0	119.0/90.0/64.0
Auxiliary electric heater (optional)		W	2500	2500
Rated Current		A	0.7	1.0
Sound pressure level (H/M/L)		dB(A)	49.5/42.5/33.5	53/50/46.5
Sound power level (H/M/L)		dB(A)	68/58/49	69/65/62
Fan motor	Type	/	DC motor	
	Quantity	/	1	
Fan	Type	/	Centrifugal, forward-curved blades	
	Quantity	/	4	4
Coil	Row	/	3	
	MAX. working pressure	MPa	1.6MPa	
	Diameter	mm	7	
Body	Net Dimensions (W×H×D)	mm	1658*243*482	1898*243*482
	Packing (W×H×D)	mm	1728*270*520	1968*270*520
	Net weight	kg	33.8	37
	Gross weight	kg	38.3	41.5
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	
	Drain pipe	inch	ZG3/4	

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions : water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19°C WB, with air return plenum and filter;
3. Heating conditions : water inlet 45°C, water outlet 40°C, entering air temperature 20°C DB, with air return plenum and filter;
4. Sound pressure level is tested in the semi-anechoic room with background noise is 17.5dB (A), when the unit is without accessories and running in dry condition, at 1m below & 1m front the vertical center line of the unit with 1m outlet duct;
5. Air flow is tested under dry condition, 20°C DB, with air return plenum and filter;
6. Left and right unit can be changed in the field, but cooling should be multiplied with correction factor 0.9;
7. The performance data on above sheet was tested under 220V~50Hz;
8. Auxiliary electric heater (AEH) is optional;
9. All specifications are subject to change by the manufacturer without prior notice.

2 Dimensions



Model / Size	200	300	400 / 500	600	700	800 / 900	1200	1400
A	475	620	755	850	1025	1215	1505	1745
B	443	588	723	818	993	1183	1473	1713
C	442	587	722	817	992	1182	1472	1712
D	415	560	695	790	965	1155	1445	1685
E	632	773	908	1003	1178	1368	1658	1898
F	513	658	793	888	1063	1253	1543	1783

3 Capacity Tables

Cooling Capacity Table

MKT3-V200G12-CL																							
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	2.06	1.54	0.59	31.04	2.05	1.74	0.59	30.70	2.07	1.96	0.59	31.39	2.18	2.17	0.62	34.16	2.38	2.38	0.68	39.94	
		17	2.70	1.55	0.78	50.20	2.68	1.76	0.77	49.61	2.66	1.96	0.77	49.04	2.65	2.17	0.76	48.47	2.64	2.37	0.76	48.14	
		19	-	-	-	-	3.36	1.77	0.97	73.53	3.34	1.98	0.96	72.69	3.31	2.18	0.95	70.87	3.29	2.38	0.94	70.09	
		20	-	-	-	-	3.72	1.77	1.07	86.59	3.69	1.98	1.06	85.62	3.67	2.18	1.05	84.68	3.65	2.39	1.05	83.77	
	4	15	1.85	1.44	0.40	15.80	1.88	1.66	0.40	16.12	1.95	1.88	0.42	17.43	2.10	2.10	0.45	19.80	2.31	2.31	0.49	23.01	
		17	2.52	1.46	0.54	26.62	2.50	1.67	0.54	26.30	2.48	1.88	0.53	26.00	2.47	2.08	0.53	25.79	2.49	2.29	0.53	26.21	
		19	-	-	-	-	3.19	1.69	0.69	40.11	3.17	1.90	0.68	39.75	3.15	2.10	0.68	39.44	3.13	2.30	0.67	39.04	
		20	-	-	-	-	3.55	1.69	0.76	48.33	3.53	1.90	0.76	47.79	3.51	2.11	0.75	47.27	3.49	2.31	0.75	46.76	
	5	15	1.63	1.33	0.28	8.35	1.71	1.56	0.29	9.23	1.83	1.80	0.31	10.57	2.02	2.02	0.35	12.52	2.23	2.23	0.38	14.94	
		17	2.31	1.37	0.40	15.76	2.29	1.58	0.39	15.57	2.28	1.78	0.39	15.41	2.30	2.00	0.40	15.67	2.36	2.22	0.41	16.39	
		19	-	-	-	-	3.00	1.60	0.52	24.48	2.98	1.81	0.51	24.21	2.96	2.01	0.51	23.94	2.94	2.22	0.51	23.68	
		20	-	-	-	-	3.38	1.61	0.58	30.19	3.35	1.82	0.58	29.86	3.33	2.03	0.57	29.53	3.31	2.23	0.57	29.22	
	6	15	1.47	1.25	0.21	4.01	1.58	1.49	0.23	4.88	1.73	1.72	0.25	6.22	1.94	1.94	0.28	8.19	2.15	2.15	0.31	10.15	
		17	2.05	1.25	0.29	9.23	2.03	1.46	0.29	9.10	2.06	1.68	0.29	9.32	2.13	1.91	0.30	9.92	2.23	2.14	0.32	10.81	
		19	-	-	-	-	2.79	1.50	0.40	15.85	2.77	1.71	0.40	15.67	2.75	1.92	0.39	15.49	2.74	2.12	0.39	15.36	
		20	-	-	-	-	3.17	1.52	0.45	19.57	3.15	1.73	0.45	19.36	3.13	1.93	0.45	19.15	3.11	2.14	0.44	18.94	
7	3	15	1.58	1.31	0.46	19.82	1.63	1.53	0.47	20.80	1.75	1.75	0.50	23.34	1.96	1.96	0.56	28.31	2.17	2.17	0.63	34.07	
		17	2.23	1.33	0.64	35.67	2.21	1.54	0.64	35.22	2.20	1.74	0.64	34.78	2.20	1.95	0.63	34.74	2.24	2.17	0.65	35.97	
		19	-	-	-	-	2.90	1.55	0.83	55.44	2.88	1.76	0.83	54.80	2.86	1.96	0.82	54.16	2.84	2.17	0.82	53.54	
		20	-	-	-	-	3.26	1.56	0.94	68.56	3.24	1.76	0.93	67.77	3.22	1.97	0.93	67.00	3.19	2.17	0.92	66.24	
	4	15	1.39	1.22	0.30	9.61	1.50	1.45	0.32	10.96	1.68	1.68	0.36	13.34	1.89	1.89	0.41	16.34	2.10	2.10	0.45	19.32	
		17	2.02	1.23	0.43	18.06	2.01	1.44	0.43	17.83	2.00	1.66	0.43	17.81	2.05	1.88	0.44	18.46	2.14	2.10	0.46	19.90	
		19	-	-	-	-	2.72	1.47	0.59	30.27	2.70	1.68	0.58	29.92	2.68	1.88	0.58	29.58	2.66	2.09	0.58	29.23	
		20	-	-	-	-	3.08	1.47	0.66	37.22	3.06	1.68	0.66	36.80	3.04	1.89	0.65	36.38	3.02	2.09	0.65	35.98	
	5	15	1.24	1.13	0.21	4.27	1.39	1.37	0.24	5.79	1.59	1.59	0.27	8.06	1.81	1.81	0.31	10.24	2.02	2.02	0.35	12.37	
		17	1.76	1.12	0.30	9.77	1.76	1.34	0.30	9.74	1.81	1.56	0.31	10.24	1.90	1.79	0.33	11.15	2.04	2.02	0.35	12.53	
		19	-	-	-	-	2.50	1.37	0.43	17.64	2.48	1.58	0.43	17.43	2.45	1.78	0.41	17.00	2.46	2.00	0.42	17.29	
		20	-	-	-	-	2.88	1.39	0.49	22.47	2.86	1.60	0.49	22.21	2.84	1.80	0.49	21.96	2.82	2.01	0.49	21.72	
	6	15	1.13	1.07	0.16	2.18	1.31	1.30	0.19	3.08	1.51	1.51	0.22	4.53	1.72	1.72	0.25	6.37	1.94	1.94	0.28	8.29	
		17	1.49	1.01	0.21	4.44	1.54	1.24	0.22	4.80	1.64	1.47	0.23	5.64	1.77	1.71	0.25	6.82	1.94	1.94	0.28	8.33	
		19	-	-	-	-	2.24	1.26	0.32	10.70	2.22	1.47	0.32	10.56	2.22	1.69	0.32	10.56	2.26	1.91	0.32	10.91	
		20	-	-	-	-	2.64	1.29	0.38	14.15	2.62	1.50	0.38	14.05	2.61	1.71	0.37	13.93	2.59	1.91	0.37	13.81	

(Continued)

MKT3-V200G12-CL																							
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	
9	3	15	1.15	1.10	0.33	11.20	1.33	1.33	0.38	14.27	1.54	1.54	0.44	18.42	1.75	1.75	0.50	22.93	1.96	1.96	0.57	28.17	
		17	1.71	1.10	0.49	22.02	1.70	1.31	0.49	21.71	1.72	1.53	0.49	22.14	1.79	1.75	0.51	23.83	1.96	1.96	0.57	28.26	
		19	-	-	-	-	2.40	1.33	0.69	39.33	2.38	1.54	0.68	38.84	2.36	1.74	0.68	38.37	2.35	1.95	0.67	37.94	
		20	-	-	-	-	2.76	1.34	0.80	51.02	2.74	1.55	0.80	50.41	2.73	1.75	0.79	49.82	2.71	1.96	0.78	49.24	
	4	15	1.03	1.02	0.22	4.93	1.24	1.24	0.27	7.70	1.46	1.46	0.31	10.29	1.68	1.68	0.36	12.99	1.89	1.89	0.41	15.90	
		17	1.46	0.99	0.31	10.20	1.48	1.22	0.32	10.51	1.56	1.45	0.34	11.51	1.70	1.68	0.37	13.33	1.89	1.89	0.41	15.95	
		19	-	-	-	-	2.19	1.24	0.47	20.47	2.17	1.45	0.47	20.21	2.16	1.66	0.47	19.98	2.17	1.87	0.47	20.26	
		20	-	-	-	-	2.56	1.25	0.56	27.03	2.55	1.46	0.55	26.71	2.53	1.67	0.55	26.40	2.51	1.88	0.54	26.08	
	5	15	0.95	0.95	0.16	2.21	1.16	1.16	0.20	3.76	1.38	1.38	0.24	5.88	1.60	1.60	0.27	8.10	1.81	1.81	0.31	10.09	
		17	1.19	0.88	0.21	4.06	1.29	1.12	0.22	4.98	1.42	1.36	0.24	6.37	1.60	1.60	0.28	8.13	1.82	1.82	0.31	10.12	
		19	-	-	-	-	1.93	1.14	0.33	11.19	1.92	1.35	0.33	11.05	1.94	1.56	0.33	11.30	2.00	1.79	0.35	11.96	
		20	-	-	-	-	2.33	1.15	0.40	15.39	2.31	1.37	0.40	15.28	2.29	1.57	0.40	15.09	2.29	1.78	0.40	15.07	
	6	15	0.87	0.87	0.12	1.44	1.09	1.09	0.16	2.01	1.30	1.30	0.19	3.15	1.51	1.51	0.22	4.72	1.73	1.73	0.25	6.55	
		17	1.02	0.81	0.15	1.77	1.17	1.06	0.17	2.35	1.32	1.29	0.19	3.29	1.51	1.51	0.22	4.74	1.73	1.73	0.25	6.58	
		19	-	-	-	-	1.60	1.01	0.23	5.54	1.64	1.23	0.24	5.85	1.73	1.47	0.25	6.58	1.85	1.71	0.26	7.53	
		20	-	-	-	-	2.04	1.04	0.29	8.98	2.02	1.25	0.29	8.85	2.02	1.47	0.29	8.87	2.07	1.69	0.30	9.24	
11	3	15	0.89	0.89	0.25	6.86	1.11	1.11	0.32	10.24	1.33	1.33	0.38	14.05	1.54	1.54	0.44	17.90	1.75	1.75	0.50	22.28	
		17	1.14	0.86	0.32	10.67	1.21	1.10	0.34	11.80	1.34	1.33	0.38	14.20	1.54	1.54	0.44	17.96	1.75	1.75	0.50	22.35	
		19	-	-	-	-	1.85	1.10	0.53	24.55	1.84	1.31	0.52	24.21	1.84	1.52	0.52	24.17	1.88	1.74	0.54	25.15	
		20	-	-	-	-	2.22	1.11	0.64	33.88	2.21	1.32	0.63	33.19	2.19	1.53	0.63	32.78	2.17	1.74	0.62	32.38	
	4	15	0.81	0.81	0.17	2.60	1.02	1.02	0.22	4.93	1.25	1.25	0.27	7.63	1.47	1.47	0.31	10.06	1.68	1.68	0.36	12.68	
		17	0.92	0.77	0.20	3.70	1.06	1.01	0.23	5.38	1.25	1.24	0.27	7.64	1.47	1.47	0.31	10.09	1.68	1.68	0.36	12.72	
		19	-	-	-	-	1.59	1.00	0.34	11.57	1.60	1.22	0.34	11.61	1.65	1.44	0.35	12.33	1.75	1.67	0.37	13.61	
		20	-	-	-	-	1.99	1.02	0.43	16.89	1.97	1.23	0.42	16.67	1.96	1.44	0.42	16.47	1.98	1.66	0.42	16.80	
	5	15	0.73	0.73	0.13	1.40	0.95	0.95	0.16	2.28	1.16	1.16	0.20	3.93	1.38	1.38	0.24	6.05	1.60	1.60	0.28	8.05	
		17	0.79	0.70	0.14	1.53	0.96	0.95	0.17	2.36	1.16	1.16	0.20	3.95	1.38	1.38	0.24	6.07	1.60	1.60	0.28	8.08	
		19	-	-	-	-	1.28	0.88	0.22	5.08	1.36	1.12	0.23	5.90	1.49	1.36	0.26	7.04	1.64	1.60	0.28	8.34	
		20	-	-	-	-	1.70	0.91	0.29	8.88	1.69	1.12	0.29	8.76	1.72	1.35	0.30	9.09	1.80	1.58	0.31	9.81	
	6	15	0.64	0.64	0.09	1.00	0.87	0.87	0.13	1.38	1.09	1.09	0.16	2.06	1.30	1.30	0.19	3.29	1.52	1.52	0.22	4.91	
		17	0.66	0.62	0.09	1.03	0.88	0.87	0.13	1.38	1.10	1.10	0.16	2.07	1.31	1.31	0.19	3.31	1.52	1.52	0.22	4.93	
		19	-	-	-	-	1.08	0.80	0.15	2.00	1.21	1.04	0.17	2.68	1.35	1.28	0.19	3.66	1.53	1.52	0.22	5.02	
		20	-	-	-	-	1.34	0.78	0.19	3.63	1.40	1.01	0.20	4.01	1.50	1.25	0.22	4.80	1.63	1.49	0.23	5.78	

(Continued)

MKT3-V200G12-CL																					
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
13	3	15	0.66	0.66	0.19	3.50	0.89	0.89	0.26	6.99	1.11	1.11	0.32	10.22	1.33	1.33	0.38	13.63	1.54	1.54	0.44	17.81
		17	0.68	0.66	0.20	3.75	0.89	0.89	0.26	7.00	1.11	1.11	0.32	10.25	1.33	1.33	0.38	13.67	1.54	1.54	0.44	17.86
		19	-	-	-	-	1.24	0.87	0.36	12.25	1.28	1.09	0.36	12.78	1.37	1.32	0.39	14.50	1.54	1.54	0.44	17.88
		20	-	-	-	-	1.63	0.88	0.47	19.64	1.61	1.09	0.46	19.34	1.62	1.31	0.47	19.42	1.67	1.53	0.48	20.50
	4	15	0.59	0.59	0.13	1.36	0.81	0.81	0.17	2.75	1.02	1.02	0.22	5.09	1.25	1.25	0.27	7.54	1.46	1.46	0.31	9.90
		17	0.59	0.59	0.13	1.37	0.81	0.81	0.17	2.77	1.03	1.03	0.22	5.11	1.25	1.25	0.27	7.56	1.47	1.47	0.31	9.93
		19	-	-	-	-	0.97	0.76	0.21	4.51	1.10	1.01	0.24	5.97	1.26	1.25	0.27	7.70	1.47	1.47	0.31	9.96
		20	-	-	-	-	1.32	0.77	0.28	8.25	1.34	0.99	0.29	8.46	1.42	1.22	0.30	9.36	1.53	1.46	0.33	10.69
	5	15	0.49	0.49	0.08	0.89	0.73	0.73	0.13	1.33	0.95	0.95	0.16	2.33	1.16	1.16	0.20	4.03	1.38	1.38	0.24	6.06
		17	0.49	0.49	0.08	0.89	0.73	0.73	0.13	1.34	0.95	0.95	0.16	2.34	1.16	1.16	0.20	4.04	1.38	1.38	0.24	6.08
		19	-	-	-	-	0.81	0.69	0.14	1.59	0.98	0.94	0.17	2.54	1.17	1.17	0.20	4.06	1.39	1.39	0.24	6.10
		20	-	-	-	-	0.99	0.65	0.17	2.65	1.10	0.90	0.19	3.51	1.24	1.14	0.21	4.79	1.41	1.38	0.24	6.31
	6	15	0.39	0.39	0.06	0.57	0.64	0.64	0.09	0.95	0.87	0.87	0.13	1.32	1.09	1.09	0.16	2.10	1.30	1.30	0.19	3.39
		17	0.39	0.39	0.06	0.57	0.64	0.64	0.09	0.95	0.88	0.88	0.13	1.32	1.09	1.09	0.16	2.11	1.30	1.30	0.19	3.40
		19	-	-	-	-	0.67	0.62	0.10	0.99	0.89	0.87	0.13	1.35	1.09	1.09	0.16	2.11	1.31	1.31	0.19	3.42
		20	-	-	-	-	0.78	0.57	0.11	1.15	0.96	0.83	0.14	1.55	1.13	1.07	0.16	2.32	1.31	1.30	0.19	3.46
15	3	15	0.44	0.44	0.13	1.32	0.66	0.66	0.19	3.54	0.89	0.89	0.25	6.80	1.11	1.11	0.32	9.91	1.32	1.32	0.38	13.40
		17	0.44	0.44	0.13	1.32	0.66	0.66	0.19	3.56	0.89	0.89	0.25	6.82	1.11	1.11	0.32	9.94	1.33	1.33	0.38	13.44
		19	-	-	-	-	0.70	0.65	0.20	4.06	0.89	0.89	0.25	6.82	1.11	1.11	0.32	9.97	1.33	1.33	0.38	13.48
		20	-	-	-	-	0.92	0.63	0.26	7.26	1.01	0.87	0.29	8.46	1.14	1.11	0.33	10.42	1.33	1.32	0.38	13.47
	4	15	0.35	0.35	0.07	0.75	0.59	0.59	0.13	1.31	0.80	0.80	0.17	2.80	1.03	1.03	0.22	5.19	1.25	1.25	0.27	7.43
		17	0.35	0.35	0.07	0.75	0.59	0.59	0.13	1.31	0.81	0.81	0.17	2.82	1.03	1.03	0.22	5.21	1.25	1.25	0.27	7.45
		19	-	-	-	-	0.60	0.58	0.13	1.34	0.81	0.80	0.17	2.82	1.03	1.03	0.22	5.23	1.25	1.25	0.27	7.48
		20	-	-	-	-	0.69	0.54	0.15	1.85	0.85	0.79	0.18	3.22	1.03	1.03	0.22	5.28	1.25	1.25	0.27	7.49
	5	15	0.23	0.23	0.04	0.39	0.50	0.50	0.09	0.86	0.73	0.73	0.13	1.32	0.95	0.95	0.16	2.45	1.16	1.16	0.20	4.22
		17	0.23	0.23	0.04	0.39	0.50	0.50	0.09	0.86	0.74	0.74	0.13	1.32	0.95	0.95	0.16	2.46	1.17	1.17	0.20	4.24
		19	-	-	-	-	0.50	0.50	0.09	0.86	0.74	0.74	0.13	1.32	0.95	0.95	0.16	2.47	1.17	1.17	0.20	4.26
		20	-	-	-	-	0.54	0.47	0.09	0.92	0.75	0.73	0.13	1.37	0.95	0.95	0.16	2.47	1.17	1.17	0.20	4.27
	6	15	-	-	-	-	0.39	0.39	0.06	0.55	0.65	0.65	0.09	0.91	0.88	0.88	0.13	1.31	1.09	1.09	0.16	2.20
		17	-	-	-	-	0.39	0.39	0.06	0.55	0.65	0.65	0.09	0.91	0.88	0.88	0.13	1.31	1.09	1.09	0.16	2.21
		19	-	-	-	-	0.39	0.39	0.06	0.55	0.65	0.65	0.09	0.91	0.88	0.88	0.13	1.31	1.10	1.10	0.16	2.22
		20	-	-	-	-	0.40	0.39	0.06	0.56	0.65	0.65	0.09	0.92	0.88	0.88	0.13	1.32	1.10	1.10	0.16	2.23

Abbreviations:

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

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

Heating Capacity Table

MKT3-V200G12-CL													
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	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa
40	8	2.42	0.26	6.28	2.16	0.23	5.19	1.91	0.21	4.18	1.65	0.18	3.27
	10	2.27	0.20	3.89	2.01	0.17	3.15	1.73	0.15	2.42	1.47	0.13	1.62
	12	2.10	0.15	2.45	1.82	0.13	1.76	1.56	0.11	1.15	1.29	0.09	0.72
	14	1.91	0.12	1.30	1.65	0.10	0.87	1.37	0.08	0.62	1.06	0.07	0.48
	16	1.73	0.09	0.74	1.43	0.08	0.58	1.11	0.06	0.45	0.75	0.04	0.31
45	8	3.04	0.33	9.05	2.79	0.30	7.79	2.53	0.27	6.62	2.28	0.25	5.53
	10	2.92	0.25	5.78	2.66	0.23	4.93	2.40	0.21	4.14	2.14	0.18	3.41
	12	2.77	0.20	3.92	2.51	0.18	3.31	2.24	0.16	2.73	1.97	0.14	2.16
	14	2.60	0.16	2.72	2.33	0.14	2.21	2.05	0.13	1.66	1.78	0.11	1.15
	16	2.41	0.13	1.77	2.14	0.12	1.30	1.87	0.10	0.91	1.60	0.09	0.63
50	8	3.65	0.39	12.15	3.40	0.37	10.72	3.15	0.34	9.38	2.89	0.31	8.12
	10	3.54	0.31	7.90	3.29	0.28	6.94	3.03	0.26	6.04	2.77	0.24	5.20
	12	3.42	0.25	5.44	3.16	0.23	4.75	2.90	0.21	4.10	2.63	0.19	3.49
	14	3.28	0.20	3.91	3.01	0.19	3.39	2.74	0.17	2.89	2.47	0.15	2.43
	16	3.12	0.17	2.89	2.84	0.15	2.47	2.56	0.14	2.05	2.28	0.12	1.61
55	8	4.27	0.46	15.64	4.01	0.43	13.96	3.75	0.40	12.46	3.50	0.38	11.04
	10	4.16	0.36	10.20	3.90	0.34	9.13	3.65	0.32	8.12	3.39	0.29	7.17
	12	4.05	0.29	7.11	3.79	0.27	6.34	3.53	0.25	5.61	3.27	0.24	4.93
	14	3.93	0.24	5.21	3.66	0.23	4.62	3.40	0.21	4.07	3.14	0.19	3.55
	16	3.79	0.20	3.91	3.52	0.19	3.45	3.25	0.18	3.01	2.98	0.16	2.60
60	8	4.87	0.52	19.25	4.61	0.50	17.58	4.35	0.47	15.91	4.10	0.44	14.26
	10	4.77	0.41	12.65	4.51	0.39	11.47	4.26	0.37	10.36	4.00	0.34	9.31
	12	4.67	0.34	8.93	4.41	0.32	8.09	4.15	0.30	7.28	3.89	0.28	6.52
	14	4.56	0.28	6.57	4.29	0.26	5.93	4.03	0.25	5.32	3.77	0.23	4.74
	16	4.43	0.24	5.01	4.17	0.22	4.51	3.90	0.21	4.03	3.64	0.20	3.58

Abbreviations:

Δt: Temperature Difference. (℃) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m^3/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

MKT3-V300G12-CL																							
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	m^3/h	kPa	kW	kW	m^3/h	kPa	kW	kW	m^3/h	kPa	kW	kW	m^3/h	kPa	kW	kW	m^3/h	kPa	
5	3	15	2.83	2.13	0.81	32.48	2.82	2.43	0.81	32.15	2.86	2.73	0.82	33.11	3.03	3.03	0.87	36.55	3.32	3.32	0.95	42.72	
		17	3.73	2.15	1.07	52.34	3.71	2.44	1.06	51.69	3.68	2.73	1.05	51.04	3.66	3.02	1.05	50.88	3.65	3.31	1.05	50.86	
		19	-	-	-	-	4.67	2.46	1.34	77.73	4.64	2.75	1.34	77.37	4.60	3.04	1.33	76.41	4.57	3.32	1.32	75.50	
		20	-	-	-	-	5.17	2.46	1.50	93.71	5.14	2.76	1.49	92.70	5.10	3.04	1.48	91.59	5.07	3.33	1.47	90.50	
	4	15	2.52	1.99	0.54	16.16	2.57	2.30	0.55	16.84	2.69	2.62	0.58	18.24	2.92	2.92	0.63	21.05	3.21	3.21	0.69	24.49	
		17	3.45	2.02	0.74	27.71	3.43	2.31	0.73	27.36	3.40	2.60	0.73	27.01	3.39	2.89	0.73	26.82	3.43	3.19	0.74	27.42	
		19	-	-	-	-	4.40	2.33	0.95	42.18	4.37	2.63	0.94	41.67	4.34	2.91	0.93	41.16	4.31	3.20	0.93	40.67	
		20	-	-	-	-	4.91	2.34	1.06	51.00	4.88	2.63	1.05	50.40	4.85	2.92	1.04	49.81	4.81	3.21	1.03	49.23	
	5	15	2.19	1.82	0.37	8.38	2.32	2.16	0.40	9.46	2.51	2.49	0.43	11.01	2.80	2.80	0.48	13.19	3.09	3.09	0.53	15.78	
		17	3.13	1.87	0.54	16.09	3.11	2.17	0.54	15.88	3.09	2.46	0.53	15.73	3.13	2.77	0.54	16.10	3.23	3.08	0.56	17.01	
		19	-	-	-	-	4.11	2.20	0.70	25.38	4.08	2.49	0.70	25.06	4.05	2.78	0.69	24.76	4.02	3.07	0.69	24.46	
		20	-	-	-	-	4.64	2.21	0.80	31.49	4.60	2.51	0.79	31.11	4.57	2.80	0.79	30.74	4.54	3.08	0.78	30.38	
	6	15	1.96	1.70	0.28	3.98	2.13	2.04	0.30	5.00	2.36	2.36	0.34	6.56	2.66	2.66	0.38	8.68	2.96	2.96	0.42	10.68	
		17	2.73	1.69	0.39	9.16	2.71	1.99	0.39	9.04	2.76	2.30	0.40	9.37	2.88	2.63	0.41	10.11	3.04	2.95	0.44	11.17	
		19	-	-	-	-	3.78	2.05	0.54	16.16	3.75	2.35	0.54	15.96	3.72	2.64	0.53	15.76	3.71	2.93	0.53	15.64	
		20	-	-	-	-	4.31	2.07	0.62	20.12	4.28	2.36	0.61	19.88	4.25	2.65	0.61	19.64	4.22	2.94	0.60	19.40	
7	3	15	2.16	1.82	0.63	20.47	2.24	2.13	0.64	21.44	2.44	2.44	0.70	24.90	2.74	2.74	0.79	30.71	3.03	3.03	0.88	36.50	
		17	3.07	1.84	0.89	37.40	3.05	2.14	0.88	36.92	3.02	2.43	0.87	36.42	3.03	2.72	0.88	36.47	3.10	3.02	0.90	38.09	
		19	-	-	-	-	4.01	2.15	1.15	58.78	3.98	2.44	1.15	58.34	3.95	2.73	1.14	57.67	3.93	3.02	1.13	56.95	
		20	-	-	-	-	4.52	2.16	1.31	72.96	4.49	2.45	1.30	72.49	4.46	2.74	1.29	71.60	4.43	3.03	1.28	70.73	
	4	15	1.88	1.68	0.41	9.76	2.06	2.01	0.44	11.38	2.33	2.33	0.50	14.11	2.62	2.62	0.56	17.14	2.92	2.92	0.63	20.53	
		17	2.75	1.70	0.59	18.53	2.73	1.99	0.59	18.27	2.73	2.29	0.59	18.32	2.80	2.60	0.60	19.17	2.95	2.92	0.63	20.95	
		19	-	-	-	-	3.73	2.03	0.81	31.57	3.70	2.32	0.80	31.17	3.67	2.61	0.79	30.78	3.65	2.90	0.79	30.39	
		20	-	-	-	-	4.24	2.03	0.91	39.01	4.21	2.33	0.91	38.53	4.18	2.62	0.90	38.06	4.15	2.91	0.89	37.60	
	5	15	1.66	1.55	0.29	4.32	1.89	1.88	0.32	6.07	2.19	2.19	0.38	8.52	2.50	2.50	0.43	10.76	2.80	2.80	0.48	13.03	
		17	2.36	1.53	0.41	9.71	2.36	1.83	0.41	9.74	2.45	2.16	0.42	10.38	2.60	2.48	0.45	11.49	2.81	2.80	0.48	13.12	
		19	-	-	-	-	3.39	1.88	0.58	18.05	3.37	2.18	0.58	17.82	3.35	2.47	0.59	23.00	3.35	2.76	0.58	17.62	
		20	-	-	-	-	3.93	1.90	0.68	23.19	3.90	2.19	0.67	22.90	3.87	2.49	0.67	22.62	3.84	2.77	0.66	22.34	
	6	15	1.52	1.46	0.22	2.19	1.78	1.77	0.26	3.22	2.06	2.06	0.30	4.79	2.36	2.36	0.34	6.76	2.67	2.67	0.38	8.73	
		17	1.96	1.36	0.28	4.25	2.05	1.69	0.29	4.71	2.20	2.02	0.32	5.69	2.41	2.35	0.34	7.06	2.67	2.67	0.38	8.76	
		19	-	-	-	-	3.00	1.72	0.43	10.68	2.97	2.01	0.43	10.52	2.98	2.31	0.43	10.57	3.05	2.62	0.44	11.03	
		20	-	-	-	-	3.56	1.75	0.51	14.32	3.54	2.04	0.51	14.14	3.51	2.34	0.50	14.03	3.49	2.63	0.50	13.93	

(Continued)

MKT3-V300G12-CL																						
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
9	3	15	1.57	1.52	0.45	11.60	1.84	1.84	0.53	15.19	2.14	2.14	0.62	19.60	2.44	2.44	0.70	24.48	2.73	2.73	0.79	30.13
		17	2.34	1.52	0.67	22.73	2.32	1.82	0.67	22.40	2.35	2.12	0.68	23.04	2.48	2.44	0.71	25.16	2.74	2.74	0.79	30.22
		19	-	-	-	-	3.31	1.84	0.96	41.93	3.28	2.13	0.94	40.74	3.25	2.43	0.94	40.21	3.23	2.72	0.93	39.73
		20	-	-	-	-	3.81	1.85	1.10	53.03	3.78	2.14	1.09	52.36	3.76	2.43	1.08	51.69	3.73	2.72	1.07	51.11
	4	15	1.40	1.39	0.30	5.15	1.71	1.71	0.37	8.12	2.02	2.02	0.43	10.83	2.33	2.33	0.50	13.88	2.62	2.62	0.56	16.89
		17	1.95	1.36	0.42	10.17	2.00	1.68	0.43	10.62	2.13	2.00	0.46	11.85	2.34	2.33	0.50	13.95	2.63	2.63	0.57	16.94
		19	-	-	-	-	2.98	1.71	0.64	21.05	2.96	2.00	0.64	20.76	2.94	2.30	0.63	20.52	2.97	2.60	0.64	20.92
		20	-	-	-	-	3.51	1.72	0.76	27.96	3.48	2.02	0.75	27.68	3.46	2.31	0.75	27.33	3.43	2.60	0.74	26.96
	5	15	1.29	1.29	0.22	2.28	1.58	1.58	0.27	3.96	1.89	1.89	0.32	6.23	2.20	2.20	0.38	8.51	2.50	2.50	0.43	10.60
		17	1.57	1.20	0.27	3.90	1.72	1.54	0.30	4.97	1.93	1.88	0.33	6.57	2.20	2.20	0.38	8.52	2.50	2.50	0.43	10.63
		19	-	-	-	-	2.58	1.55	0.45	11.20	2.57	1.85	0.44	11.04	2.61	2.16	0.45	11.41	2.72	2.47	0.47	12.23
		20	-	-	-	-	3.15	1.57	0.54	15.62	3.12	1.87	0.54	15.41	3.10	2.17	0.53	15.28	3.10	2.46	0.54	15.31
	6	15	1.17	1.17	0.17	1.44	1.48	1.48	0.21	2.07	1.77	1.77	0.25	3.31	2.07	2.07	0.30	5.00	2.37	2.37	0.34	6.91
		17	1.35	1.10	0.19	1.71	1.56	1.44	0.22	2.34	1.79	1.77	0.26	3.39	2.07	2.07	0.30	5.02	2.37	2.37	0.34	6.94
		19	-	-	-	-	2.10	1.36	0.30	5.24	2.17	1.68	0.31	5.68	2.31	2.01	0.33	6.56	2.49	2.35	0.36	7.66
		20	-	-	-	-	2.71	1.40	0.39	8.83	2.68	1.70	0.38	8.69	2.69	2.00	0.39	8.76	2.78	2.32	0.40	9.26
11	3	15	1.22	1.22	0.35	7.24	1.53	1.53	0.44	10.79	1.84	1.84	0.53	14.82	2.14	2.14	0.61	19.05	2.43	2.43	0.69	23.77
		17	1.53	1.19	0.44	10.72	1.64	1.52	0.47	12.13	1.85	1.84	0.53	14.90	2.14	2.14	0.61	19.11	2.44	2.44	0.70	23.84
		19	-	-	-	-	2.53	1.52	0.72	25.37	2.51	1.82	0.72	25.00	2.51	2.12	0.72	25.03	2.58	2.43	0.74	26.32
		20	-	-	-	-	3.05	1.54	0.88	35.36	3.03	1.83	0.87	34.87	3.01	2.13	0.86	34.41	2.98	2.42	0.86	33.97
	4	15	1.10	1.10	0.23	2.72	1.40	1.40	0.30	5.22	1.71	1.71	0.37	7.99	2.02	2.02	0.43	10.58	2.32	2.32	0.50	13.40
		17	1.22	1.05	0.26	3.63	1.43	1.39	0.31	5.52	1.72	1.71	0.37	8.00	2.03	2.03	0.43	10.62	2.33	2.33	0.50	13.44
		19	-	-	-	-	2.13	1.37	0.46	11.57	2.15	1.68	0.46	11.69	2.24	2.00	0.48	12.60	2.40	2.32	0.51	14.14
		20	-	-	-	-	2.69	1.39	0.58	17.19	2.67	1.69	0.57	16.95	2.65	1.99	0.57	16.75	2.69	2.29	0.58	17.21
	5	15	0.98	0.98	0.17	1.40	1.29	1.29	0.22	2.37	1.59	1.59	0.27	4.15	1.89	1.89	0.33	6.38	2.20	2.20	0.38	8.43
		17	1.04	0.95	0.18	1.50	1.30	1.29	0.22	2.42	1.59	1.59	0.27	4.17	1.90	1.90	0.33	6.40	2.21	2.21	0.38	8.45
		19	-	-	-	-	1.68	1.20	0.29	4.83	1.81	1.53	0.31	5.82	2.01	1.87	0.35	7.14	2.23	2.20	0.38	8.62
		20	-	-	-	-	2.25	1.23	0.39	8.72	2.24	1.53	0.39	8.61	2.30	1.85	0.40	9.07	2.43	2.17	0.42	9.95
	6	15	0.85	0.85	0.12	0.99	1.18	1.18	0.17	1.38	1.48	1.48	0.21	2.13	1.77	1.77	0.25	3.46	2.07	2.07	0.30	5.12
		17	0.87	0.84	0.12	1.01	1.18	1.18	0.17	1.39	1.49	1.49	0.21	2.14	1.78	1.78	0.25	3.47	2.07	2.07	0.30	5.14
		19	-	-	-	-	1.41	1.09	0.20	1.90	1.60	1.43	0.23	2.63	1.82	1.76	0.26	3.72	2.08	2.08	0.30	5.18
		20	-	-	-	-	1.74	1.05	0.25	3.33	1.83	1.37	0.26	3.81	1.99	1.71	0.29	4.72	2.19	2.04	0.31	5.84

(Continued)

MKT3-V300G12-CL																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	TC	SC	WF	WPD	TC	TC	SC	WF	WPD	TC	TC	SC	WF	WPD	TC
°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
13	3	15	0.90	0.90	0.26	3.69	1.22	1.22	0.35	7.31	1.54	1.54	0.44	10.77	1.84	1.84	0.52	14.45	2.14	2.14	0.61	18.95
		17	0.92	0.90	0.26	3.84	1.22	1.22	0.35	7.33	1.54	1.54	0.44	10.80	1.84	1.84	0.53	14.50	2.14	2.14	0.62	19.01
		19	-	-	-	-	1.66	1.19	0.48	12.29	1.73	1.51	0.49	13.04	1.89	1.84	0.54	15.36	2.14	2.14	0.62	19.04
		20	-	-	-	-	2.21	1.21	0.64	20.10	2.19	1.51	0.63	19.76	2.20	1.82	0.63	19.95	2.29	2.13	0.66	21.33
	4	15	0.79	0.79	0.17	1.37	1.10	1.10	0.24	2.88	1.40	1.40	0.30	5.37	1.72	1.72	0.37	7.89	2.02	2.02	0.43	10.42
		17	0.79	0.79	0.17	1.37	1.10	1.10	0.24	2.89	1.40	1.40	0.30	5.39	1.72	1.72	0.37	7.91	2.03	2.03	0.43	10.45
		19	-	-	-	-	1.28	1.04	0.28	4.37	1.48	1.38	0.32	6.04	1.73	1.72	0.37	7.99	2.03	2.03	0.43	10.48
		20	-	-	-	-	1.74	1.04	0.37	8.04	1.78	1.36	0.38	8.37	1.91	1.69	0.41	9.47	2.09	2.02	0.45	11.04
	5	15	0.65	0.65	0.11	0.87	0.99	0.99	0.17	1.34	1.29	1.29	0.22	2.43	1.59	1.59	0.27	4.24	1.90	1.90	0.33	6.35
		17	0.66	0.66	0.11	0.88	0.99	0.99	0.17	1.35	1.29	1.29	0.22	2.43	1.59	1.59	0.27	4.26	1.90	1.90	0.33	6.37
		19	-	-	-	-	1.07	0.94	0.18	1.54	1.31	1.28	0.23	2.56	1.59	1.59	0.27	4.27	1.90	1.90	0.33	6.39
		20	-	-	-	-	1.29	0.88	0.22	2.46	1.46	1.22	0.25	3.40	1.67	1.56	0.29	4.83	1.92	1.90	0.33	6.50
	6	15	0.50	0.50	0.07	0.55	0.85	0.85	0.12	0.94	1.18	1.18	0.17	1.33	1.48	1.48	0.21	2.18	1.77	1.77	0.25	3.55
		17	0.50	0.50	0.07	0.55	0.85	0.85	0.12	0.94	1.18	1.18	0.17	1.33	1.48	1.48	0.21	2.19	1.77	1.77	0.25	3.57
		19	-	-	-	-	0.88	0.83	0.13	0.97	1.19	1.18	0.17	1.34	1.48	1.48	0.21	2.20	1.78	1.78	0.25	3.58
		20	-	-	-	-	1.01	0.77	0.14	1.10	1.27	1.13	0.18	1.51	1.52	1.46	0.22	2.33	1.78	1.78	0.25	3.59
15	3	15	0.60	0.60	0.17	1.33	0.90	0.90	0.26	3.73	1.22	1.22	0.35	7.11	1.53	1.53	0.44	10.45	1.83	1.83	0.52	14.20
		17	0.60	0.60	0.17	1.33	0.90	0.90	0.26	3.74	1.22	1.22	0.35	7.13	1.53	1.53	0.44	10.48	1.84	1.84	0.52	14.24
		19	-	-	-	-	0.93	0.89	0.27	4.10	1.22	1.22	0.35	7.12	1.54	1.54	0.44	10.51	1.84	1.84	0.53	14.49
		20	-	-	-	-	1.22	0.86	0.35	7.07	1.36	1.20	0.39	8.54	1.56	1.53	0.45	10.82	1.84	1.84	0.53	14.49
	4	15	0.46	0.46	0.10	0.74	0.79	0.79	0.17	1.33	1.09	1.09	0.23	2.93	1.40	1.40	0.30	5.45	1.72	1.72	0.37	7.78
		17	0.46	0.46	0.10	0.74	0.79	0.79	0.17	1.33	1.10	1.10	0.23	2.95	1.41	1.41	0.30	5.47	1.72	1.72	0.37	7.80
		19	-	-	-	-	0.80	0.79	0.17	1.34	1.10	1.10	0.24	2.96	1.41	1.41	0.30	5.49	1.72	1.72	0.37	7.83
		20	-	-	-	-	0.91	0.74	0.19	1.77	1.13	1.08	0.24	3.24	1.41	1.41	0.30	5.50	1.73	1.73	0.37	7.84
	5	15	0.29	0.29	0.05	0.37	0.66	0.66	0.11	0.85	0.99	0.99	0.17	1.33	1.29	1.29	0.22	2.55	1.59	1.59	0.27	4.43
		17	0.29	0.29	0.05	0.37	0.66	0.66	0.11	0.85	0.99	0.99	0.17	1.34	1.29	1.29	0.22	2.56	1.59	1.59	0.27	4.45
		19	-	-	-	-	0.66	0.66	0.11	0.85	0.99	0.99	0.17	1.34	1.29	1.29	0.22	2.58	1.60	1.60	0.27	4.47
		20	-	-	-	-	0.70	0.64	0.12	0.89	1.00	0.99	0.17	1.37	1.29	1.29	0.22	2.57	1.60	1.60	0.28	4.48
	6	15	-	-	-	-	0.51	0.51	0.07	0.53	0.86	0.86	0.12	0.90	1.18	1.18	0.17	1.32	1.48	1.48	0.21	2.29
		17	-	-	-	-	0.51	0.51	0.07	0.53	0.86	0.86	0.12	0.91	1.19	1.19	0.17	1.33	1.48	1.48	0.21	2.30
		19	-	-	-	-	0.51	0.51	0.07	0.53	0.86	0.86	0.12	0.91	1.19	1.19	0.17	1.33	1.48	1.48	0.21	2.31
		20	-	-	-	-	0.51	0.51	0.07	0.53	0.86	0.86	0.12	0.91	1.19	1.19	0.17	1.33	1.49	1.49	0.21	2.31

Abbreviations:

EWT: Enter Water Temp. (℃) Δt: Temperature Difference. (℃) DB: Dry Bulb Temp. (℃) WF: Water Flow. (m^3/h)

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

Heating Capacity Table

MKT3-V300G12-CL													
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	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa
40	8	3.52	0.38	7.22	3.14	0.34	5.95	2.76	0.30	4.79	2.39	0.26	3.74
	10	3.30	0.28	4.46	2.91	0.25	3.60	2.52	0.22	2.81	2.12	0.18	1.96
	12	3.04	0.22	2.86	2.63	0.19	2.13	2.24	0.16	1.40	1.86	0.13	0.85
	14	2.75	0.17	1.58	2.37	0.15	1.05	1.97	0.12	0.69	1.52	0.09	0.51
	16	2.49	0.13	0.85	2.07	0.11	0.63	1.60	0.09	0.48	1.06	0.06	0.33
45	8	4.42	0.48	10.43	4.05	0.44	8.96	3.68	0.40	7.60	3.31	0.36	6.34
	10	4.24	0.37	6.64	3.86	0.33	5.66	3.48	0.30	4.74	3.10	0.27	3.90
	12	4.03	0.29	4.50	3.63	0.26	3.79	3.25	0.23	3.12	2.85	0.21	2.50
	14	3.78	0.23	3.12	3.37	0.21	2.57	2.96	0.18	1.99	2.56	0.16	1.39
	16	3.50	0.19	2.12	3.09	0.17	1.58	2.69	0.15	1.09	2.29	0.12	0.72
50	8	5.32	0.57	14.02	4.94	0.53	12.35	4.57	0.49	10.80	4.20	0.45	9.34
	10	5.15	0.45	9.10	4.77	0.41	7.98	4.40	0.38	6.94	4.03	0.35	5.96
	12	4.97	0.36	6.25	4.58	0.33	5.45	4.20	0.30	4.70	3.82	0.27	3.99
	14	4.76	0.29	4.49	4.37	0.27	3.88	3.98	0.25	3.31	3.58	0.22	2.77
	16	4.53	0.24	3.31	4.12	0.22	2.83	3.72	0.20	2.37	3.30	0.18	1.90
55	8	6.21	0.67	18.07	5.83	0.63	16.20	5.46	0.59	14.44	5.08	0.55	12.72
	10	6.05	0.52	11.77	5.67	0.49	10.52	5.30	0.46	9.35	4.93	0.43	8.24
	12	5.88	0.42	8.18	5.50	0.40	7.29	5.12	0.37	6.44	4.74	0.34	5.65
	14	5.70	0.35	5.99	5.31	0.33	5.31	4.93	0.30	4.67	4.55	0.28	4.06
	16	5.50	0.30	4.48	5.10	0.28	3.95	4.71	0.25	3.45	4.32	0.23	2.97
60	8	7.09	0.76	22.28	6.71	0.72	20.23	6.34	0.68	18.29	5.96	0.64	16.53
	10	6.95	0.60	14.67	6.56	0.57	13.24	6.19	0.53	11.94	5.81	0.50	10.72
	12	6.79	0.49	10.30	6.41	0.46	9.32	6.03	0.43	8.38	5.65	0.41	7.50
	14	6.62	0.41	7.56	6.24	0.38	6.81	5.85	0.36	6.11	5.47	0.34	5.44
	16	6.44	0.35	5.76	6.05	0.33	5.18	5.66	0.31	4.62	5.28	0.28	4.09

Abbreviations:

Δt: Temperature Difference. (℃) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m^3/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

MKT3-V400G12-CL																							
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	3.61	2.74	1.03	30.78	3.60	3.13	1.03	30.55	3.68	3.53	1.05	31.74	3.92	3.92	1.12	35.48	4.30	4.30	1.23	41.85	
		17	4.79	2.76	1.38	50.78	4.76	3.15	1.37	50.23	4.73	3.53	1.36	49.69	4.70	3.91	1.36	49.14	4.69	4.29	1.35	49.00	
		19	-	-	-	-	6.01	3.17	1.74	75.39	5.97	3.55	1.72	74.60	5.92	3.92	1.68	71.10	5.90	4.30	1.70	73.03	
		20	-	-	-	-	6.66	3.17	1.93	90.54	6.63	3.56	1.92	89.58	6.58	3.94	1.90	88.51	6.54	4.31	1.88	86.42	
	4	15	3.18	2.54	0.68	15.07	3.25	2.95	0.70	15.66	3.44	3.37	0.74	17.40	3.77	3.77	0.81	20.32	4.14	4.14	0.89	23.72	
		17	4.39	2.58	0.94	26.18	4.37	2.96	0.94	25.89	4.34	3.35	0.93	25.60	4.33	3.73	0.93	25.51	4.40	4.12	0.94	26.26	
		19	-	-	-	-	5.64	2.99	1.21	40.24	5.60	3.38	1.20	39.82	5.57	3.76	1.20	39.63	5.54	4.13	1.19	39.21	
		20	-	-	-	-	6.30	3.00	1.35	48.85	6.27	3.39	1.35	48.34	6.23	3.77	1.34	47.84	6.19	4.14	1.33	47.34	
	5	15	2.74	2.32	0.47	7.71	2.93	2.76	0.50	8.87	3.21	3.19	0.55	10.46	3.59	3.59	0.62	12.66	3.99	3.99	0.69	15.21	
		17	3.96	2.38	0.68	14.99	3.92	2.76	0.67	14.64	3.91	3.15	0.67	14.56	3.99	3.55	0.69	15.20	4.14	3.97	0.71	16.22	
		19	-	-	-	-	5.23	2.81	0.90	23.97	5.19	3.19	0.89	23.72	5.16	3.57	0.89	23.47	5.13	3.95	0.88	23.21	
		20	-	-	-	-	5.92	2.83	1.02	29.88	5.88	3.21	1.01	29.59	5.85	3.60	1.01	29.28	5.81	3.97	1.00	28.97	
	6	15	2.44	2.16	0.35	3.64	2.68	2.59	0.38	4.68	3.01	3.01	0.43	6.30	3.41	3.41	0.49	8.36	3.81	3.81	0.55	10.24	
		17	3.40	2.13	0.49	8.33	3.38	2.52	0.48	8.25	3.47	2.94	0.50	8.68	3.65	3.37	0.52	9.50	3.88	3.79	0.56	10.61	
		19	-	-	-	-	4.78	2.61	0.69	15.08	4.75	2.99	0.68	14.91	4.71	3.37	0.68	14.74	4.70	3.76	0.67	14.69	
		20	-	-	-	-	5.47	2.63	0.78	18.89	5.44	3.02	0.78	18.69	5.40	3.40	0.77	18.49	5.37	3.78	0.77	18.30	
7	3	15	2.75	2.33	0.79	19.25	2.87	2.75	0.83	20.73	3.15	3.15	0.90	24.06	3.54	3.54	1.02	29.77	3.92	3.92	1.13	35.50	
		17	3.92	2.36	1.13	35.53	3.90	2.75	1.13	35.12	3.87	3.13	1.12	34.69	3.88	3.52	1.12	34.92	4.00	3.92	1.16	36.81	
		19	-	-	-	-	5.15	2.77	1.49	56.69	5.11	3.15	1.47	55.63	5.08	3.53	1.46	55.02	5.05	3.91	1.45	54.42	
		20	-	-	-	-	5.81	2.78	1.69	70.58	5.78	3.16	1.67	69.31	5.74	3.54	1.66	68.56	5.70	3.92	1.65	67.82	
	4	15	2.37	2.14	0.51	9.07	2.62	2.58	0.56	10.77	2.99	2.99	0.65	13.54	3.38	3.38	0.73	16.52	3.76	3.76	0.81	19.87	
		17	3.48	2.16	0.75	17.32	3.45	2.55	0.74	17.10	3.47	2.95	0.75	17.25	3.58	3.36	0.77	18.24	3.80	3.76	0.82	20.16	
		19	-	-	-	-	4.76	2.59	1.03	29.94	4.73	2.98	1.02	29.61	4.70	3.36	1.02	29.29	4.66	3.73	1.00	28.60	
		20	-	-	-	-	5.42	2.60	1.17	37.17	5.39	2.99	1.16	36.77	5.35	3.37	1.15	36.37	5.32	3.75	1.14	35.98	
	5	15	2.08	1.97	0.36	4.00	2.40	2.39	0.41	5.79	2.80	2.80	0.48	8.16	3.21	3.21	0.55	10.30	3.60	3.60	0.62	12.54	
		17	2.94	1.93	0.51	8.85	2.96	2.34	0.51	8.96	3.09	2.76	0.53	9.69	3.31	3.19	0.57	10.87	3.61	3.61	0.62	12.59	
		19	-	-	-	-	4.30	2.40	0.74	16.98	4.27	2.78	0.74	16.79	4.25	3.18	0.76	19.00	4.26	3.56	0.73	16.72	
		20	-	-	-	-	4.99	2.42	0.86	21.84	4.96	2.81	0.85	21.61	4.93	3.19	0.85	21.37	4.89	3.57	0.84	21.14	
	6	15	1.91	1.85	0.27	2.02	2.25	2.25	0.32	3.06	2.63	2.63	0.38	4.61	3.02	3.02	0.43	6.52	3.42	3.42	0.49	8.39	
		17	2.42	1.72	0.35	3.76	2.56	2.15	0.37	4.35	2.77	2.58	0.40	5.31	3.06	3.01	0.44	6.72	3.43	3.42	0.49	8.41	
		19	-	-	-	-	3.75	2.17	0.54	9.80	3.72	2.56	0.53	9.66	3.75	2.96	0.54	9.80	3.87	3.37	0.55	10.33	
		20	-	-	-	-	4.50	2.21	0.65	13.44	4.47	2.60	0.64	13.28	4.44	2.99	0.64	13.13	4.41	3.37	0.63	12.91	

(Continued)

MKT3-V400G12-CL																						
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
9	3	15	2.00	1.95	0.57	10.94	2.36	2.36	0.68	14.54	2.76	2.76	0.79	18.90	3.15	3.15	0.90	23.69	3.53	3.53	1.02	29.27
		17	2.96	1.94	0.85	21.35	2.94	2.33	0.84	21.08	3.01	2.74	0.86	21.88	3.19	3.15	0.92	24.21	3.54	3.54	1.02	29.36
		19	-	-	-	-	4.22	2.36	1.21	39.31	4.19	2.75	1.21	38.86	4.17	3.13	1.20	38.41	4.14	3.51	1.19	38.04
		20	-	-	-	-	4.89	2.37	1.41	51.13	4.86	2.76	1.41	50.94	4.83	3.15	1.40	50.37	4.80	3.52	1.39	49.81
	4	15	1.77	1.77	0.38	4.88	2.18	2.18	0.47	7.74	2.59	2.59	0.56	10.36	2.99	2.99	0.65	13.35	3.38	3.38	0.73	16.30
		17	2.44	1.72	0.52	9.30	2.52	2.14	0.54	9.86	2.71	2.57	0.58	11.18	3.00	3.00	0.65	13.42	3.38	3.38	0.73	16.35
		19	-	-	-	-	3.78	2.18	0.82	19.76	3.75	2.57	0.81	19.53	3.73	2.95	0.81	19.35	3.79	3.35	0.82	19.88
		20	-	-	-	-	4.47	2.20	0.97	26.51	4.44	2.59	0.96	26.21	4.41	2.97	0.96	25.91	4.38	3.35	0.95	25.60
	5	15	1.63	1.63	0.28	2.15	2.01	2.01	0.35	3.78	2.41	2.41	0.41	5.99	2.82	2.82	0.48	8.13	3.21	3.21	0.55	10.19
		17	1.94	1.52	0.33	3.48	2.16	1.96	0.37	4.58	2.45	2.40	0.42	6.21	2.82	2.82	0.49	8.15	3.22	3.22	0.55	10.21
		19	-	-	-	-	3.24	1.96	0.56	10.28	3.22	2.35	0.55	10.19	3.30	2.76	0.57	10.64	3.47	3.18	0.60	11.55
		20	-	-	-	-	3.97	2.00	0.69	14.62	3.95	2.39	0.68	14.46	3.92	2.77	0.68	14.30	3.94	3.17	0.68	14.40
	6	15	1.47	1.47	0.21	1.33	1.87	1.87	0.27	1.95	2.25	2.25	0.32	3.16	2.63	2.63	0.38	4.82	3.03	3.03	0.44	6.66
		17	1.66	1.38	0.24	1.54	1.95	1.83	0.28	2.15	2.26	2.25	0.32	3.21	2.64	2.64	0.38	4.83	3.04	3.04	0.44	6.68
		19	-	-	-	-	2.58	1.71	0.37	4.62	2.70	2.14	0.39	5.14	2.90	2.57	0.42	6.08	3.17	3.01	0.45	7.22
		20	-	-	-	-	3.36	1.76	0.48	8.01	3.33	2.15	0.48	7.89	3.37	2.56	0.48	8.05	3.51	2.98	0.50	8.61
11	3	15	1.55	1.55	0.44	6.88	1.97	1.97	0.56	10.31	2.37	2.37	0.68	14.29	2.76	2.76	0.79	18.41	3.15	3.15	0.90	23.06
		17	1.92	1.52	0.55	9.87	2.09	1.95	0.59	11.41	2.37	2.37	0.68	14.33	2.76	2.76	0.79	18.46	3.15	3.15	0.90	23.12
		19	-	-	-	-	3.21	1.95	0.92	23.91	3.19	2.34	0.91	23.58	3.20	2.73	0.91	23.76	3.32	3.14	0.95	25.23
		20	-	-	-	-	3.89	1.96	1.11	33.27	3.87	2.35	1.10	32.87	3.84	2.74	1.10	32.47	3.82	3.12	1.09	32.15
	4	15	1.39	1.39	0.30	2.57	1.78	1.78	0.38	5.00	2.19	2.19	0.47	7.62	2.60	2.60	0.56	10.15	2.99	2.99	0.64	12.92
		17	1.51	1.33	0.32	3.29	1.81	1.77	0.39	5.20	2.20	2.19	0.47	7.63	2.60	2.60	0.56	10.18	3.00	3.00	0.64	12.95
		19	-	-	-	-	2.67	1.74	0.57	10.63	2.70	2.15	0.58	10.84	2.85	2.57	0.61	11.86	3.07	2.99	0.66	13.50
		20	-	-	-	-	3.40	1.77	0.73	16.03	3.38	2.17	0.72	15.83	3.36	2.56	0.72	15.69	3.43	2.96	0.73	16.27
	5	15	1.24	1.24	0.21	1.29	1.63	1.63	0.28	2.25	2.02	2.02	0.35	3.98	2.42	2.42	0.42	6.12	2.83	2.83	0.49	8.07
		17	1.30	1.20	0.22	1.37	1.64	1.63	0.28	2.27	2.02	2.02	0.35	3.99	2.42	2.42	0.42	6.14	2.83	2.83	0.49	8.09
		19	-	-	-	-	2.07	1.51	0.36	4.29	2.27	1.95	0.39	5.33	2.54	2.40	0.44	6.70	2.86	2.83	0.49	8.20
		20	-	-	-	-	2.80	1.55	0.48	7.90	2.79	1.95	0.48	7.85	2.90	2.37	0.50	8.39	3.09	2.79	0.53	9.34
	6	15	1.06	1.06	0.15	0.90	1.48	1.48	0.21	1.28	1.88	1.88	0.27	2.02	2.25	2.25	0.32	3.32	2.65	2.65	0.38	5.00
		17	1.07	1.05	0.15	0.91	1.48	1.48	0.21	1.28	1.88	1.88	0.27	2.03	2.26	2.26	0.32	3.33	2.65	2.65	0.38	5.02
		19	-	-	-	-	1.75	1.38	0.25	1.69	2.00	1.81	0.29	2.41	2.30	2.24	0.33	3.50	2.65	2.65	0.38	5.04
		20	-	-	-	-	2.13	1.31	0.31	2.88	2.27	1.74	0.33	3.40	2.49	2.18	0.36	4.33	2.76	2.62	0.40	5.48

(Continued)

MKT3-V400G12-CL																						
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
13	3	15	1.15	1.15	0.33	3.50	1.56	1.56	0.45	6.95	1.97	1.97	0.57	10.33	2.37	2.37	0.68	13.93	2.76	2.76	0.79	18.36
		17	1.16	1.14	0.33	3.59	1.56	1.56	0.45	6.97	1.97	1.97	0.57	10.36	2.37	2.37	0.68	13.97	2.76	2.76	0.79	18.41
		19	-	-	-	-	2.09	1.52	0.60	11.34	2.20	1.94	0.63	12.46	2.42	2.37	0.69	14.44	2.77	2.77	0.80	18.45
		20	-	-	-	-	2.80	1.55	0.80	18.80	2.77	1.94	0.80	18.51	2.80	2.34	0.81	18.83	2.93	2.75	0.84	20.38
	4	15	1.00	1.00	0.21	1.27	1.39	1.39	0.30	2.74	1.79	1.79	0.38	5.14	2.20	2.20	0.47	7.54	2.60	2.60	0.56	10.02
		17	1.00	0.99	0.21	1.27	1.39	1.39	0.30	2.75	1.79	1.79	0.38	5.16	2.20	2.20	0.47	7.56	2.61	2.61	0.56	10.05
		19	-	-	-	-	1.59	1.32	0.34	3.94	1.87	1.77	0.40	5.64	2.21	2.21	0.47	7.60	2.61	2.61	0.56	10.08
		20	-	-	-	-	2.15	1.32	0.46	7.24	2.23	1.74	0.48	7.68	2.42	2.17	0.52	8.86	2.67	2.60	0.57	10.50
	5	15	0.81	0.81	0.14	0.80	1.24	1.24	0.21	1.24	1.63	1.63	0.28	2.31	2.02	2.02	0.35	4.08	2.43	2.43	0.42	6.08
		17	0.81	0.81	0.14	0.80	1.24	1.24	0.21	1.25	1.63	1.63	0.28	2.31	2.02	2.02	0.35	4.09	2.43	2.43	0.42	6.10
		19	-	-	-	-	1.33	1.19	0.23	1.40	1.65	1.62	0.28	2.39	2.02	2.02	0.35	4.10	2.44	2.44	0.42	6.12
		20	-	-	-	-	1.59	1.12	0.27	2.15	1.81	1.56	0.31	3.08	2.10	2.00	0.36	4.51	2.45	2.43	0.42	6.18
	6	15	0.61	0.61	0.09	0.49	1.07	1.07	0.15	0.86	1.49	1.49	0.21	1.24	1.88	1.88	0.27	2.07	2.26	2.26	0.32	3.42
		17	0.61	0.61	0.09	0.49	1.07	1.07	0.15	0.86	1.49	1.49	0.21	1.24	1.88	1.88	0.27	2.08	2.26	2.26	0.32	3.43
		19	-	-	-	-	1.09	1.05	0.16	0.88	1.49	1.49	0.21	1.24	1.88	1.88	0.27	2.09	2.26	2.26	0.32	3.45
		20	-	-	-	-	1.23	0.97	0.18	0.99	1.59	1.44	0.23	1.38	1.91	1.86	0.27	2.18	2.26	2.26	0.32	3.45
15	3	15	0.75	0.75	0.21	1.23	1.14	1.14	0.33	3.56	1.56	1.56	0.45	6.77	1.97	1.97	0.56	10.04	2.36	2.36	0.67	13.72
		17	0.75	0.75	0.21	1.23	1.15	1.15	0.33	3.57	1.56	1.56	0.45	6.79	1.97	1.97	0.56	10.06	2.37	2.37	0.68	13.76
		19	-	-	-	-	1.17	1.14	0.34	3.81	1.56	1.56	0.45	6.78	1.98	1.98	0.56	10.09	2.37	2.37	0.68	13.80
		20	-	-	-	-	1.51	1.10	0.43	6.39	1.72	1.54	0.49	7.95	2.00	1.97	0.57	10.31	2.37	2.37	0.68	13.81
	4	15	0.57	0.57	0.12	0.67	1.00	1.00	0.21	1.23	1.39	1.39	0.30	2.80	1.79	1.79	0.38	5.22	2.21	2.21	0.47	7.46
		17	0.57	0.57	0.12	0.67	1.00	1.00	0.21	1.23	1.39	1.39	0.30	2.81	1.80	1.80	0.39	5.24	2.21	2.21	0.47	7.48
		19	-	-	-	-	1.00	1.00	0.22	1.24	1.39	1.39	0.30	2.82	1.80	1.80	0.39	5.25	2.21	2.21	0.47	7.50
		20	-	-	-	-	1.12	0.94	0.24	1.58	1.43	1.37	0.31	3.01	1.80	1.80	0.39	5.25	2.22	2.22	0.47	7.51
	5	15	0.35	0.35	0.06	0.33	0.83	0.83	0.14	0.77	1.25	1.25	0.22	1.24	1.63	1.63	0.28	2.44	2.03	2.03	0.35	4.27
		17	0.35	0.35	0.06	0.33	0.83	0.83	0.14	0.77	1.25	1.25	0.22	1.25	1.64	1.64	0.28	2.45	2.03	2.03	0.35	4.28
		19	-	-	-	-	0.83	0.82	0.14	0.77	1.25	1.25	0.22	1.25	1.64	1.64	0.28	2.46	2.04	2.04	0.35	4.30
		20	-	-	-	-	0.86	0.80	0.15	0.80	1.26	1.25	0.22	1.26	1.64	1.64	0.28	2.46	2.04	2.04	0.35	4.31
	6	15	-	-	-	-	0.63	0.63	0.09	0.48	1.08	1.08	0.15	0.83	1.50	1.50	0.22	1.24	1.88	1.88	0.27	2.19
		17	-	-	-	-	0.63	0.63	0.09	0.48	1.08	1.08	0.15	0.83	1.50	1.50	0.22	1.24	1.88	1.88	0.27	2.19
		19	-	-	-	-	0.63	0.63	0.09	0.48	1.08	1.08	0.16	0.83	1.50	1.50	0.22	1.24	1.88	1.88	0.27	2.20
		20	-	-	-	-	0.63	0.63	0.09	0.48	1.08	1.08	0.16	0.83	1.50	1.50	0.22	1.25	1.88	1.88	0.27	2.21

Abbreviations:

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

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

Heating Capacity Table

MKT3-V400G12-CL													
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	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa
40	8	4.46	0.48	6.79	3.98	0.43	5.59	3.50	0.38	4.49	3.01	0.32	3.48
	10	4.16	0.36	4.14	3.66	0.32	3.34	3.15	0.27	2.58	2.64	0.23	1.78
	12	3.80	0.27	2.62	3.28	0.24	1.93	2.78	0.20	1.26	2.29	0.17	0.75
	14	3.41	0.21	1.41	2.92	0.18	0.93	2.41	0.15	0.61	1.84	0.11	0.45
	16	3.06	0.17	0.75	2.52	0.14	0.56	1.93	0.10	0.43	1.26	0.07	0.28
45	8	5.64	0.61	9.90	5.16	0.56	8.50	4.69	0.51	7.20	4.21	0.45	6.00
	10	5.38	0.46	6.25	4.89	0.42	5.31	4.41	0.38	4.45	3.92	0.34	3.64
	12	5.09	0.37	4.19	4.59	0.33	3.52	4.08	0.29	2.89	3.57	0.26	2.30
	14	4.74	0.29	2.88	4.22	0.26	2.35	3.69	0.23	1.80	3.18	0.20	1.25
	16	4.34	0.23	1.92	3.82	0.21	1.41	3.32	0.18	0.97	2.82	0.15	0.64
50	8	6.80	0.73	13.39	6.32	0.68	11.80	5.85	0.63	10.30	5.38	0.58	8.91
	10	6.57	0.57	8.63	6.08	0.53	7.57	5.60	0.48	6.57	5.12	0.44	5.63
	12	6.30	0.45	5.88	5.81	0.42	5.12	5.32	0.38	4.41	4.83	0.35	3.74
	14	6.01	0.37	4.19	5.51	0.34	3.62	5.01	0.31	3.07	4.50	0.28	2.57
	16	5.69	0.31	3.06	5.17	0.28	2.61	4.65	0.25	2.18	4.12	0.22	1.73
55	8	7.96	0.86	17.33	7.48	0.81	15.54	7.00	0.75	13.78	6.52	0.70	12.20
	10	7.74	0.67	11.22	7.25	0.63	10.03	6.77	0.59	8.91	6.30	0.54	7.85
	12	7.50	0.54	7.75	7.01	0.50	6.90	6.52	0.47	6.10	6.04	0.43	5.34
	14	7.24	0.45	5.64	6.74	0.42	4.99	6.25	0.39	4.39	5.76	0.36	3.81
	16	6.95	0.37	4.19	6.45	0.35	3.69	5.94	0.32	3.21	5.44	0.29	2.76
60	8	9.11	0.98	21.43	8.62	0.93	19.47	8.14	0.88	17.69	7.67	0.83	15.92
	10	8.90	0.77	14.04	8.41	0.73	12.68	7.93	0.68	11.44	7.45	0.64	10.26
	12	8.68	0.62	9.81	8.19	0.59	8.87	7.70	0.55	7.98	7.22	0.52	7.14
	14	8.44	0.52	7.16	7.94	0.49	6.45	7.45	0.46	5.78	6.97	0.43	5.15
	16	8.18	0.44	5.43	7.68	0.41	4.87	7.18	0.39	4.35	6.69	0.36	3.85

Abbreviations:

Δt: Temperature Difference. (℃) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m^3/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

MKT3-V500G12-CL																							
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	3.86	2.93	1.10	36.91	3.84	3.34	1.10	36.63	3.92	3.77	1.12	38.05	4.19	4.19	1.20	42.66	4.60	4.60	1.33	50.74	
		17	5.11	2.95	1.46	60.11	5.08	3.36	1.45	59.47	5.05	3.77	1.45	58.83	5.01	4.18	1.44	58.20	5.01	4.58	1.43	58.06	
		19	-	-	-	-	6.42	3.38	1.86	90.84	6.38	3.79	1.85	89.87	6.34	4.20	1.83	88.64	6.30	4.60	1.81	86.67	
		20	-	-	-	-	7.12	3.39	2.06	109.17	7.08	3.80	2.05	108.05	7.04	4.21	2.04	106.91	7.00	4.61	2.03	105.80	
	4	15	3.41	2.72	0.73	18.32	3.48	3.15	0.75	19.00	3.68	3.60	0.79	20.86	4.02	4.02	0.86	24.15	4.43	4.43	0.95	28.50	
		17	4.69	2.75	1.01	31.41	4.66	3.17	1.00	31.07	4.63	3.58	0.99	30.74	4.62	3.99	0.99	30.61	4.70	4.41	1.01	31.52	
		19	-	-	-	-	6.02	3.20	1.29	48.33	5.98	3.61	1.29	47.84	5.95	4.01	1.28	47.34	5.91	4.42	1.27	46.85	
		20	-	-	-	-	6.74	3.21	1.46	59.33	6.70	3.62	1.45	58.72	6.66	4.03	1.44	58.12	6.62	4.43	1.43	57.52	
	5	15	2.93	2.48	0.50	9.48	3.13	2.95	0.54	10.74	3.43	3.41	0.59	12.55	3.85	3.85	0.66	15.34	4.26	4.26	0.73	18.26	
		17	4.23	2.54	0.73	17.97	4.20	2.96	0.72	17.77	4.18	3.37	0.72	17.66	4.26	3.80	0.73	18.21	4.42	4.24	0.76	19.45	
		19	-	-	-	-	5.59	3.00	0.96	29.07	5.56	3.41	0.96	28.76	5.52	3.82	0.95	28.17	5.48	4.22	0.94	27.87	
		20	-	-	-	-	6.32	3.02	1.09	35.86	6.28	3.43	1.08	35.50	6.24	3.84	1.08	35.13	6.21	4.25	1.07	34.76	
	6	15	2.58	2.30	0.37	4.53	2.85	2.76	0.41	5.89	3.21	3.21	0.46	7.89	3.64	3.64	0.52	10.17	4.07	4.07	0.58	12.35	
		17	3.65	2.28	0.52	10.16	3.63	2.70	0.52	10.07	3.72	3.15	0.53	10.52	3.90	3.60	0.56	11.43	4.16	4.06	0.60	12.77	
		19	-	-	-	-	5.09	2.78	0.73	17.91	5.06	3.19	0.72	17.72	5.03	3.60	0.72	17.53	5.02	4.01	0.72	17.45	
		20	-	-	-	-	5.84	2.81	0.84	22.64	5.81	3.22	0.83	22.41	5.77	3.63	0.83	22.18	5.74	4.04	0.82	21.95	
7	3	15	2.92	2.49	0.84	22.66	3.06	2.93	0.88	24.46	3.37	3.37	0.97	29.31	3.78	3.78	1.09	35.81	4.19	4.19	1.20	42.13	
		17	4.18	2.51	1.20	41.96	4.15	2.93	1.19	41.48	4.12	3.34	1.18	40.98	4.14	3.76	1.19	41.28	4.27	4.18	1.23	43.60	
		19	-	-	-	-	5.50	2.95	1.59	68.19	5.47	3.37	1.58	67.44	5.43	3.78	1.57	66.72	5.40	4.18	1.56	65.99	
		20	-	-	-	-	6.21	2.96	1.80	84.95	6.17	3.38	1.79	84.05	6.14	3.79	1.78	83.16	6.09	4.19	1.75	81.03	
	4	15	2.53	2.29	0.55	10.88	2.80	2.76	0.61	12.99	3.20	3.20	0.69	16.24	3.61	3.61	0.78	19.83	4.02	4.02	0.87	23.86	
		17	3.71	2.31	0.80	20.77	3.69	2.73	0.79	20.51	3.70	3.15	0.80	20.67	3.83	3.59	0.82	21.87	4.06	4.02	0.87	24.20	
		19	-	-	-	-	5.07	2.77	1.09	35.55	5.04	3.18	1.09	35.50	5.01	3.59	1.08	35.12	4.98	4.00	1.08	34.73	
		20	-	-	-	-	5.79	2.78	1.25	45.14	5.76	3.20	1.25	44.66	5.72	3.61	1.24	44.19	5.69	4.01	1.23	43.73	
	5	15	2.21	2.10	0.38	5.02	2.56	2.56	0.44	7.24	3.00	3.00	0.52	9.85	3.43	3.43	0.59	12.37	3.85	3.85	0.66	15.09	
		17	3.15	2.07	0.54	10.66	3.16	2.50	0.54	10.76	3.31	2.95	0.57	11.62	3.54	3.41	0.61	13.04	3.86	3.86	0.66	15.15	
		19	-	-	-	-	4.59	2.56	0.79	20.25	4.56	2.97	0.78	20.03	4.55	3.40	0.80	23.00	4.54	3.80	0.78	19.93	
		20	-	-	-	-	5.33	2.58	0.92	26.27	5.29	3.00	0.91	25.90	5.26	3.41	0.90	25.62	5.23	3.81	0.90	25.35	
	6	15	2.02	1.96	0.29	2.46	2.38	2.38	0.34	3.85	2.80	2.80	0.40	5.81	3.23	3.23	0.46	8.05	3.66	3.66	0.52	10.10	
		17	2.54	1.82	0.36	4.58	2.70	2.28	0.39	5.34	2.95	2.75	0.42	6.62	3.27	3.22	0.47	8.26	3.66	3.66	0.53	10.12	
		19	-	-	-	-	4.02	2.32	0.58	11.78	3.98	2.74	0.57	11.63	4.01	3.16	0.57	11.76	4.13	3.61	0.59	12.39	
		20	-	-	-	-	4.80	2.36	0.69	15.97	4.77	2.78	0.68	15.78	4.74	3.19	0.68	15.61	4.71	3.60	0.68	15.49	

(Continued)

MKT3-V500G12-CL																						
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
9	3	15	2.14	2.09	0.61	13.11	2.53	2.53	0.73	17.41	2.95	2.95	0.85	22.70	3.37	3.37	0.97	28.88	3.77	3.77	1.08	34.73
		17	3.17	2.07	0.91	25.60	3.14	2.49	0.90	25.25	3.22	2.93	0.93	26.64	3.41	3.37	0.99	29.49	3.78	3.78	1.09	34.82
		19	-	-	-	-	4.52	2.52	1.31	47.95	4.49	2.94	1.30	47.41	4.46	3.35	1.29	46.86	4.43	3.76	1.28	46.41
		20	-	-	-	-	5.23	2.54	1.52	61.96	5.20	2.95	1.51	61.27	5.15	3.36	1.48	59.65	5.12	3.76	1.47	58.97
	4	15	1.89	1.89	0.41	6.13	2.34	2.34	0.50	9.30	2.77	2.77	0.60	12.43	3.20	3.20	0.69	15.87	3.61	3.61	0.78	19.64
		17	2.60	1.84	0.56	11.17	2.69	2.29	0.58	11.80	2.90	2.75	0.63	13.57	3.20	3.20	0.69	15.94	3.62	3.62	0.78	19.70
		19	-	-	-	-	4.04	2.33	0.87	23.84	4.01	2.74	0.87	23.56	3.99	3.16	0.86	23.34	4.05	3.58	0.88	23.97
		20	-	-	-	-	4.76	2.34	1.03	31.38	4.73	2.76	1.02	31.03	4.70	3.17	1.01	30.67	4.67	3.58	1.01	30.31
	5	15	1.72	1.72	0.30	2.68	2.14	2.14	0.37	4.78	2.57	2.57	0.44	7.39	3.01	3.01	0.52	9.76	3.44	3.44	0.59	12.22
		17	2.05	1.61	0.35	4.32	2.29	2.09	0.39	5.72	2.61	2.56	0.45	7.63	3.01	3.01	0.52	9.78	3.44	3.44	0.59	12.25
		19	-	-	-	-	3.46	2.10	0.60	12.35	3.44	2.52	0.59	12.22	3.53	2.96	0.61	12.75	3.71	3.41	0.64	13.97
		20	-	-	-	-	4.24	2.13	0.73	17.41	4.21	2.55	0.72	17.21	4.18	2.96	0.72	17.00	4.19	3.38	0.72	17.12
	6	15	1.56	1.56	0.22	1.52	1.98	1.98	0.28	2.42	2.39	2.39	0.34	3.99	2.81	2.81	0.40	6.04	3.25	3.25	0.47	8.09
		17	1.76	1.47	0.25	1.82	2.06	1.94	0.29	2.66	2.40	2.39	0.34	4.03	2.81	2.81	0.40	6.06	3.25	3.25	0.47	8.12
		19	-	-	-	-	2.75	1.83	0.39	5.76	2.88	2.28	0.41	6.38	3.10	2.75	0.45	7.45	3.39	3.22	0.49	8.70
		20	-	-	-	-	3.60	1.89	0.52	9.65	3.57	2.31	0.51	9.51	3.61	2.74	0.52	9.67	3.75	3.18	0.54	10.33
11	3	15	1.66	1.66	0.47	8.28	2.10	2.10	0.60	12.37	2.53	2.53	0.72	16.99	2.95	2.95	0.84	22.12	3.36	3.36	0.96	27.87
		17	2.05	1.62	0.58	11.82	2.23	2.09	0.64	13.89	2.53	2.53	0.72	17.03	2.95	2.95	0.84	22.18	3.37	3.37	0.97	27.96
		19	-	-	-	-	3.43	2.08	0.98	28.61	3.41	2.50	0.98	28.48	3.42	2.92	0.98	28.62	3.54	3.35	1.01	30.22
		20	-	-	-	-	4.16	2.10	1.20	40.58	4.14	2.52	1.19	40.10	4.11	2.93	1.18	39.63	4.08	3.34	1.17	39.19
	4	15	1.47	1.47	0.31	3.23	1.90	1.90	0.41	6.23	2.35	2.35	0.50	9.14	2.78	2.78	0.60	12.18	3.20	3.20	0.69	15.50
		17	1.60	1.41	0.34	4.10	1.93	1.89	0.41	6.45	2.35	2.35	0.50	9.16	2.78	2.78	0.60	12.22	3.20	3.20	0.69	15.54
		19	-	-	-	-	2.86	1.86	0.61	12.75	2.89	2.30	0.62	12.99	3.04	2.75	0.65	14.20	3.28	3.19	0.70	16.17
		20	-	-	-	-	3.63	1.90	0.78	19.20	3.60	2.31	0.77	18.96	3.58	2.73	0.77	18.79	3.66	3.16	0.78	19.49
	5	15	1.31	1.31	0.23	1.50	1.73	1.73	0.30	2.82	2.15	2.15	0.37	5.01	2.59	2.59	0.45	7.44	3.02	3.02	0.52	9.69
		17	1.37	1.28	0.24	1.60	1.73	1.73	0.30	2.84	2.15	2.15	0.37	5.03	2.59	2.59	0.45	7.46	3.03	3.03	0.52	9.71
		19	-	-	-	-	2.20	1.61	0.38	5.33	2.42	2.09	0.42	6.57	2.71	2.57	0.47	8.06	3.05	3.03	0.53	9.84
		20	-	-	-	-	3.00	1.66	0.52	9.51	2.98	2.08	0.51	9.43	3.10	2.53	0.53	10.06	3.30	2.99	0.57	11.19
	6	15	1.12	1.12	0.16	1.02	1.57	1.57	0.23	1.49	1.99	1.99	0.29	2.53	2.40	2.40	0.34	4.19	2.82	2.82	0.40	6.14
		17	1.14	1.11	0.16	1.04	1.58	1.57	0.23	1.49	1.99	1.99	0.29	2.54	2.40	2.40	0.34	4.20	2.83	2.83	0.40	6.16
		19	-	-	-	-	1.84	1.46	0.26	2.05	2.11	1.92	0.30	2.99	2.44	2.38	0.35	4.39	2.83	2.83	0.40	6.17
		20	-	-	-	-	2.24	1.39	0.32	3.55	2.40	1.85	0.34	4.22	2.64	2.32	0.38	5.31	2.95	2.80	0.42	6.72

(Continued)

MKT3-V500G12-CL																							
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	
13	3	15	1.22	1.22	0.35	4.42	1.67	1.67	0.48	8.34	2.11	2.11	0.61	12.39	2.53	2.53	0.73	16.97	2.95	2.95	0.85	22.05	
		17	1.23	1.22	0.35	4.51	1.67	1.67	0.48	8.36	2.11	2.11	0.61	12.42	2.54	2.54	0.73	17.02	2.95	2.95	0.85	22.11	
		19	-	-	-	-	2.21	1.63	0.63	13.29	2.34	2.08	0.67	14.64	2.59	2.53	0.74	17.59	2.96	2.96	0.85	22.17	
		20	-	-	-	-	2.99	1.65	0.86	22.50	2.96	2.07	0.85	22.15	2.99	2.50	0.86	22.51	3.13	2.94	0.90	24.41	
	4	15	1.06	1.06	0.23	1.49	1.47	1.47	0.32	3.45	1.91	1.91	0.41	6.32	2.35	2.35	0.50	9.04	2.78	2.78	0.60	12.02	
		17	1.06	1.05	0.23	1.49	1.48	1.48	0.32	3.46	1.91	1.91	0.41	6.34	2.36	2.36	0.50	9.07	2.79	2.79	0.60	12.05	
		19	-	-	-	-	1.69	1.41	0.36	4.90	2.00	1.89	0.43	6.84	2.36	2.36	0.51	9.11	2.79	2.79	0.60	12.09	
		20	-	-	-	-	2.30	1.41	0.49	8.71	2.38	1.86	0.51	9.21	2.58	2.32	0.55	10.60	2.86	2.78	0.61	12.58	
	5	15	0.86	0.86	0.15	0.90	1.32	1.32	0.23	1.47	1.73	1.73	0.30	2.90	2.15	2.15	0.37	5.11	2.60	2.60	0.45	7.31	
		17	0.86	0.86	0.15	0.91	1.32	1.32	0.23	1.47	1.73	1.73	0.30	2.91	2.16	2.16	0.37	5.12	2.60	2.60	0.45	7.33	
		19	-	-	-	-	1.41	1.27	0.24	1.68	1.75	1.72	0.30	2.99	2.16	2.16	0.37	5.13	2.61	2.61	0.45	7.35	
		20	-	-	-	-	1.66	1.18	0.29	2.63	1.92	1.66	0.33	3.84	2.24	2.13	0.38	5.59	2.62	2.60	0.45	7.42	
	6	15	0.65	0.65	0.09	0.55	1.13	1.13	0.16	0.98	1.58	1.58	0.23	1.46	1.99	1.99	0.28	2.60	2.40	2.40	0.34	4.31	
		17	0.65	0.65	0.09	0.56	1.13	1.13	0.16	0.98	1.58	1.58	0.23	1.47	1.99	1.99	0.28	2.61	2.40	2.40	0.34	4.32	
		19	-	-	-	-	1.16	1.11	0.17	1.00	1.58	1.58	0.23	1.47	1.99	1.99	0.28	2.62	2.41	2.41	0.34	4.34	
		20	-	-	-	-	1.30	1.03	0.19	1.12	1.67	1.53	0.24	1.66	2.02	1.98	0.29	2.72	2.41	2.41	0.34	4.34	
15	3	15	0.80	0.80	0.23	1.47	1.22	1.22	0.35	4.47	1.67	1.67	0.48	8.12	2.10	2.10	0.60	12.04	2.53	2.53	0.73	16.71	
		17	0.80	0.80	0.23	1.47	1.22	1.22	0.35	4.48	1.67	1.67	0.48	8.14	2.11	2.11	0.60	12.07	2.53	2.53	0.73	16.75	
		19	-	-	-	-	1.25	1.21	0.36	4.76	1.67	1.67	0.48	8.13	2.11	2.11	0.60	12.11	2.54	2.54	0.73	16.80	
		20	-	-	-	-	1.62	1.17	0.46	7.67	1.83	1.65	0.52	9.52	2.14	2.11	0.61	12.35	2.54	2.54	0.73	16.82	
	4	15	0.60	0.60	0.13	0.76	1.06	1.06	0.23	1.48	1.47	1.47	0.32	3.53	1.92	1.92	0.41	6.31	2.36	2.36	0.51	8.94	
		17	0.60	0.60	0.13	0.76	1.06	1.06	0.23	1.48	1.48	1.48	0.32	3.54	1.92	1.92	0.41	6.33	2.36	2.36	0.51	8.97	
		19	-	-	-	-	1.06	1.06	0.23	1.49	1.48	1.48	0.32	3.56	1.93	1.93	0.41	6.34	2.37	2.37	0.51	8.99	
		20	-	-	-	-	1.18	1.00	0.25	1.93	1.51	1.46	0.32	3.77	1.92	1.92	0.41	6.34	2.37	2.37	0.51	9.01	
	5	15	0.37	0.37	0.06	0.37	0.88	0.88	0.15	0.88	1.33	1.33	0.23	1.50	1.73	1.73	0.30	3.07	2.17	2.17	0.37	5.28	
		17	0.37	0.37	0.06	0.37	0.88	0.88	0.15	0.88	1.33	1.33	0.23	1.51	1.74	1.74	0.30	3.08	2.17	2.17	0.37	5.30	
		19	-	-	-	-	0.88	0.87	0.15	0.88	1.33	1.33	0.23	1.51	1.74	1.74	0.30	3.10	2.18	2.18	0.37	5.31	
		20	-	-	-	-	0.91	0.85	0.16	0.91	1.34	1.33	0.23	1.53	1.74	1.74	0.30	3.10	2.18	2.18	0.38	5.32	
	6	15	-	-	-	-	0.66	0.66	0.09	0.54	1.14	1.14	0.16	0.94	1.59	1.59	0.23	1.50	1.99	1.99	0.29	2.75	
		17	-	-	-	-	0.66	0.66	0.10	0.54	1.14	1.14	0.16	0.94	1.59	1.59	0.23	1.51	1.99	1.99	0.29	2.76	
		19	-	-	-	-	0.66	0.66	0.10	0.54	1.15	1.15	0.16	0.94	1.59	1.59	0.23	1.51	2.00	2.00	0.29	2.77	
		20	-	-	-	-	0.66	0.66	0.10	0.54	1.15	1.14	0.16	0.94	1.59	1.59	0.23	1.51	2.00	2.00	0.29	2.78	

Abbreviations:

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

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

Heating Capacity Table

MKT3-V500G12-CL													
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	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa
40	8	4.92	0.53	8.64	4.39	0.47	7.08	3.86	0.42	5.70	3.32	0.36	4.43
	10	4.60	0.40	5.27	4.06	0.35	4.25	3.50	0.30	3.32	2.94	0.25	2.42
	12	4.23	0.30	3.38	3.65	0.26	2.60	3.08	0.22	1.77	2.53	0.18	1.04
	14	3.78	0.23	1.98	3.23	0.20	1.30	2.68	0.17	0.80	2.07	0.13	0.55
	16	3.39	0.18	1.03	2.82	0.15	0.69	2.17	0.12	0.52	1.43	0.08	0.35
45	8	6.20	0.67	12.50	5.68	0.61	10.74	5.16	0.56	9.10	4.64	0.50	7.59
	10	5.93	0.51	7.91	5.40	0.47	6.73	4.87	0.42	5.64	4.33	0.37	4.63
	12	5.62	0.40	5.33	5.07	0.37	4.48	4.53	0.33	3.69	3.97	0.29	2.96
	14	5.26	0.32	3.67	4.69	0.29	3.03	4.11	0.25	2.41	3.53	0.22	1.74
	16	4.84	0.26	2.55	4.25	0.23	1.96	3.68	0.20	1.37	3.13	0.17	0.88
50	8	7.47	0.81	16.88	6.95	0.75	14.87	6.43	0.69	12.99	5.91	0.64	11.24
	10	7.22	0.62	10.90	6.69	0.58	9.56	6.17	0.53	8.30	5.64	0.49	7.13
	12	6.94	0.50	7.44	6.41	0.46	6.49	5.87	0.42	5.59	5.34	0.38	4.75
	14	6.64	0.41	5.32	6.09	0.38	4.59	5.54	0.34	3.91	4.99	0.31	3.28
	16	6.30	0.34	3.90	5.74	0.31	3.33	5.17	0.28	2.80	4.59	0.25	2.28
55	8	8.74	0.94	21.83	8.21	0.89	19.58	7.69	0.83	17.45	7.17	0.77	15.45
	10	8.50	0.73	14.09	7.97	0.69	12.65	7.44	0.64	11.24	6.92	0.60	9.91
	12	8.25	0.59	9.79	7.71	0.55	8.72	7.18	0.52	7.71	6.65	0.48	6.76
	14	7.97	0.49	7.13	7.43	0.46	6.32	6.89	0.43	5.56	6.36	0.39	4.84
	16	7.67	0.41	5.32	7.12	0.38	4.68	6.57	0.35	4.08	6.02	0.32	3.52
60	8	9.99	1.08	26.99	9.45	1.02	24.52	8.93	0.96	22.17	8.41	0.91	19.96
	10	9.77	0.84	17.70	9.24	0.80	16.04	8.71	0.75	14.48	8.18	0.71	12.94
	12	9.54	0.69	12.38	9.00	0.65	11.19	8.47	0.61	10.07	7.94	0.57	9.01
	14	9.28	0.57	9.04	8.74	0.54	8.15	8.20	0.51	7.31	7.67	0.47	6.51
	16	9.01	0.49	6.87	8.46	0.46	6.17	7.92	0.43	5.51	7.38	0.40	4.88

Abbreviations:

Δt: Temperature Difference. (℃) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m^3/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

MKT3-V600G12-CL																							
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	4.88	3.69	1.40	58.63	4.86	4.20	1.39	58.05	4.94	4.73	1.42	59.94	5.27	5.26	1.52	67.74	5.77	5.77	1.65	78.48	
		17	6.44	3.71	1.85	95.20	6.40	4.23	1.84	94.20	6.37	4.74	1.83	93.74	6.33	5.25	1.83	93.66	6.31	5.75	1.83	93.12	
		19	-	-	-	-	8.07	4.25	2.35	144.10	8.02	4.76	2.32	141.35	7.97	5.27	2.30	139.39	7.92	5.77	2.29	137.83	
		20	-	-	-	-	8.94	4.25	2.58	169.88	8.89	4.77	2.56	168.20	8.84	5.28	2.55	166.55	8.79	5.78	2.54	164.92	
	4	15	4.36	3.44	0.94	29.20	4.43	3.98	0.95	29.97	4.65	4.53	1.00	32.59	5.07	5.07	1.09	37.86	5.58	5.58	1.20	44.69	
		17	5.96	3.48	1.28	50.08	5.92	4.00	1.27	49.57	5.89	4.52	1.26	49.06	5.86	5.03	1.26	48.69	5.94	5.55	1.28	49.81	
		19	-	-	-	-	7.61	4.03	1.64	76.75	7.57	4.55	1.64	76.65	7.53	5.06	1.63	75.88	7.48	5.56	1.62	75.13	
		20	-	-	-	-	8.49	4.04	1.83	92.83	8.45	4.56	1.83	92.71	8.40	5.07	1.82	92.06	8.35	5.58	1.81	91.15	
	5	15	3.83	3.19	0.66	16.04	4.04	3.76	0.70	17.56	4.37	4.33	0.75	20.14	4.86	4.86	0.83	23.92	5.38	5.38	0.93	28.69	
		17	5.43	3.24	0.94	29.11	5.40	3.76	0.93	28.80	5.35	4.27	0.92	28.19	5.43	4.81	0.94	29.14	5.61	5.35	0.97	30.83	
		19	-	-	-	-	7.10	3.80	1.22	45.95	7.06	4.32	1.21	45.49	7.02	4.83	1.21	45.03	6.98	5.33	1.20	44.58	
		20	-	-	-	-	8.01	3.82	1.38	56.78	7.96	4.34	1.37	55.95	7.91	4.85	1.36	55.40	7.87	5.35	1.35	54.84	
	6	15	3.31	2.92	0.47	8.91	3.66	3.52	0.52	10.83	4.11	4.10	0.59	13.22	4.64	4.64	0.67	16.25	5.16	5.16	0.74	19.36	
		17	4.80	2.96	0.69	17.03	4.76	3.48	0.68	16.83	4.83	4.02	0.69	17.23	5.01	4.58	0.72	18.40	5.30	5.14	0.76	20.22	
		19	-	-	-	-	6.56	3.56	0.94	29.32	6.52	4.08	0.94	29.01	6.48	4.59	0.93	28.74	6.44	5.09	0.92	28.20	
		20	-	-	-	-	7.47	3.58	1.07	36.41	7.42	4.10	1.06	36.05	7.38	4.61	1.06	35.69	7.35	5.12	1.05	35.54	
7	3	15	3.73	3.15	1.08	36.77	3.87	3.70	1.12	39.19	4.23	4.23	1.22	45.27	4.75	4.75	1.36	55.31	5.26	5.26	1.52	66.51	
		17	5.29	3.17	1.53	67.22	5.26	3.69	1.52	66.47	5.22	4.21	1.51	65.61	5.23	4.72	1.51	65.74	5.38	5.25	1.56	69.61	
		19	-	-	-	-	6.92	3.71	2.00	107.18	6.88	4.23	1.99	106.06	6.84	4.74	1.97	104.93	6.80	5.24	1.96	103.81	
		20	-	-	-	-	7.81	3.73	2.28	134.68	7.77	4.24	2.26	133.28	7.71	4.75	2.23	129.93	7.67	5.26	2.23	129.58	
	4	15	3.26	2.91	0.70	17.53	3.56	3.49	0.77	20.40	4.03	4.03	0.87	25.24	4.55	4.55	0.99	31.44	5.06	5.06	1.09	37.37	
		17	4.76	2.94	1.03	33.88	4.73	3.46	1.02	33.50	4.73	3.98	1.02	33.46	4.85	4.52	1.05	35.04	5.11	5.06	1.10	38.03	
		19	-	-	-	-	6.42	3.49	1.38	56.41	6.38	4.01	1.38	55.82	6.35	4.53	1.37	55.65	6.32	5.03	1.37	55.30	
		20	-	-	-	-	7.32	3.51	1.59	71.38	7.28	4.03	1.58	70.64	7.24	4.54	1.57	69.91	7.19	5.05	1.56	69.21	
	5	15	2.84	2.67	0.49	9.44	3.28	3.26	0.56	12.09	3.81	3.81	0.66	15.68	4.34	4.34	0.75	19.50	4.86	4.86	0.84	23.67	
		17	4.12	2.66	0.71	17.83	4.12	3.20	0.71	17.76	4.26	3.75	0.73	18.81	4.51	4.32	0.78	20.79	4.88	4.87	0.84	23.81	
		19	-	-	-	-	5.87	3.25	1.01	32.64	5.83	3.77	1.00	32.30	5.85	4.33	1.00	34.00	5.80	4.81	1.00	32.18	
		20	-	-	-	-	6.79	3.28	1.17	42.34	6.75	3.80	1.17	41.90	6.70	4.31	1.15	41.04	6.66	4.82	1.15	40.61	
	6	15	2.52	2.45	0.36	4.69	3.01	3.01	0.43	7.33	3.57	3.57	0.51	10.22	4.12	4.12	0.59	13.13	4.65	4.65	0.67	16.01	
		17	3.36	2.35	0.48	9.15	3.54	2.93	0.51	10.01	3.83	3.52	0.55	11.48	4.21	4.11	0.60	13.55	4.66	4.65	0.67	16.04	
		19	-	-	-	-	5.25	2.99	0.75	19.65	5.21	3.51	0.75	19.43	5.21	4.04	0.75	19.40	5.32	4.58	0.76	20.15	
		20	-	-	-	-	6.20	3.03	0.89	26.25	6.16	3.56	0.89	25.97	6.12	4.07	0.88	25.70	6.09	4.58	0.88	25.43	

(Continued)

MKT3-V600G12-CL																							
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	
9	3	15	2.72	2.63	0.78	20.83	3.19	3.19	0.92	27.71	3.71	3.71	1.07	35.56	4.23	4.23	1.23	45.23	4.74	4.74	1.36	54.39	
		17	4.03	2.62	1.16	40.97	4.00	3.14	1.15	40.42	4.07	3.68	1.18	42.21	4.29	4.23	1.24	46.36	4.75	4.75	1.37	54.55	
		19	-	-	-	-	5.70	3.18	1.65	75.87	5.67	3.70	1.65	75.24	5.63	4.21	1.63	74.40	5.59	4.72	1.62	73.59	
		20	-	-	-	-	6.58	3.19	1.90	96.69	6.54	3.71	1.89	95.65	6.50	4.22	1.88	94.60	6.46	4.73	1.87	94.30	
	4	15	2.43	2.41	0.52	10.46	2.97	2.97	0.64	14.74	3.51	3.51	0.76	19.68	4.04	4.04	0.87	25.15	4.55	4.55	0.98	30.63	
		17	3.41	2.37	0.74	18.69	3.47	2.91	0.75	19.30	3.69	3.48	0.80	21.50	4.05	4.04	0.88	25.34	4.56	4.56	0.98	30.71	
		19	-	-	-	-	5.14	2.95	1.11	37.75	5.10	3.47	1.10	37.33	5.07	3.98	1.09	36.90	5.13	4.51	1.10	37.63	
		20	-	-	-	-	6.06	2.97	1.31	50.70	6.01	3.49	1.30	49.51	5.97	4.00	1.29	48.97	5.93	4.51	1.28	48.43	
	5	15	2.16	2.16	0.37	5.22	2.73	2.73	0.47	8.69	3.28	3.28	0.57	11.92	3.82	3.82	0.66	15.44	4.35	4.35	0.75	19.25	
		17	2.70	2.07	0.46	8.50	2.99	2.67	0.51	10.15	3.36	3.27	0.58	12.41	3.83	3.82	0.66	15.46	4.35	4.35	0.75	19.30	
		19	-	-	-	-	4.50	2.69	0.78	20.37	4.47	3.21	0.77	20.11	4.54	3.75	0.78	20.65	4.72	4.30	0.81	22.13	
		20	-	-	-	-	5.45	2.73	0.94	28.40	5.41	3.25	0.93	28.08	5.37	3.76	0.93	27.71	5.37	4.28	0.93	27.67	
	6	15	1.97	1.97	0.28	2.51	2.48	2.48	0.36	4.69	3.04	3.04	0.44	7.53	3.59	3.59	0.52	10.16	4.13	4.13	0.59	12.89	
		17	2.20	1.84	0.32	3.42	2.59	2.44	0.37	5.22	3.06	3.03	0.44	7.63	3.60	3.60	0.52	10.18	4.14	4.14	0.59	12.92	
		19	-	-	-	-	3.72	2.39	0.53	10.75	3.82	2.94	0.55	11.21	4.05	3.52	0.58	12.40	4.35	4.10	0.62	14.07	
		20	-	-	-	-	4.75	2.45	0.68	16.26	4.71	2.97	0.68	16.06	4.71	3.50	0.68	16.07	4.85	4.05	0.70	16.85	
11	3	15	2.11	2.11	0.60	13.14	2.65	2.65	0.76	19.46	3.19	3.19	0.91	26.67	3.71	3.71	1.06	34.85	4.22	4.22	1.21	43.36	
		17	2.65	2.06	0.76	19.33	2.84	2.63	0.81	21.81	3.20	3.19	0.91	26.80	3.72	3.72	1.07	34.95	4.23	4.23	1.21	43.49	
		19	-	-	-	-	4.36	2.63	1.25	45.72	4.33	3.15	1.24	45.16	4.32	3.68	1.24	45.16	4.46	4.21	1.28	47.68	
		20	-	-	-	-	5.27	2.65	1.52	64.55	5.23	3.17	1.51	63.80	5.19	3.69	1.48	62.05	5.15	4.20	1.47	61.30	
	4	15	1.86	1.86	0.40	6.26	2.43	2.43	0.52	10.23	2.98	2.98	0.64	14.46	3.51	3.51	0.75	19.17	4.03	4.03	0.86	24.33	
		17	2.08	1.81	0.45	7.87	2.49	2.41	0.53	10.66	2.98	2.98	0.64	14.47	3.52	3.52	0.75	19.22	4.04	4.04	0.87	24.39	
		19	-	-	-	-	3.71	2.38	0.79	21.01	3.72	2.91	0.80	21.10	3.88	3.47	0.83	22.72	4.15	4.03	0.89	25.58	
		20	-	-	-	-	4.66	2.41	1.00	31.27	4.62	2.94	0.99	30.87	4.59	3.46	0.99	30.46	4.66	3.99	1.00	31.29	
	5	15	1.65	1.65	0.28	2.62	2.18	2.18	0.38	5.49	2.75	2.75	0.47	8.68	3.30	3.30	0.57	11.84	3.83	3.83	0.66	15.30	
		17	1.72	1.60	0.30	2.95	2.19	2.18	0.38	5.54	2.75	2.75	0.47	8.70	3.30	3.30	0.57	11.87	3.84	3.84	0.66	15.34	
		19	-	-	-	-	2.95	2.10	0.51	9.77	3.18	2.68	0.55	11.08	3.49	3.26	0.60	12.91	3.89	3.84	0.67	15.64	
		20	-	-	-	-	3.95	2.15	0.68	16.03	3.91	2.67	0.67	15.80	4.01	3.22	0.69	16.48	4.22	3.78	0.73	18.03	
	6	15	1.44	1.44	0.21	1.39	1.98	1.98	0.28	2.63	2.50	2.50	0.36	4.93	3.06	3.06	0.44	7.54	3.61	3.61	0.52	10.01	
		17	1.46	1.42	0.21	1.41	1.98	1.97	0.28	2.63	2.50	2.50	0.36	4.95	3.06	3.06	0.44	7.56	3.61	3.61	0.52	10.04	
		19	-	-	-	-	2.31	1.83	0.33	4.02	2.68	2.43	0.38	5.81	3.14	3.04	0.45	7.89	3.62	3.62	0.52	10.09	
		20	-	-	-	-	2.99	1.80	0.43	7.24	3.17	2.38	0.45	8.00	3.47	2.98	0.50	9.35	3.83	3.57	0.55	11.04	

(Continued)

MKT3-V600G12-CL																					
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
13	3	15	1.56	1.56	0.45	7.83	2.11	2.11	0.60	12.98	2.66	2.66	0.76	19.47	3.19	3.19	0.91	26.48	3.70	3.70	1.06	34.08
		17	1.58	1.55	0.45	8.03	2.12	2.12	0.60	13.01	2.66	2.66	0.77	19.52	3.19	3.19	0.92	26.53	3.71	3.71	1.06	34.17
		19	-	-	-	-	2.87	2.07	0.83	22.20	2.99	2.62	0.86	23.85	3.26	3.18	0.93	27.32	3.71	3.71	1.06	34.24
		20	-	-	-	-	3.80	2.09	1.09	35.56	3.77	2.61	1.08	35.04	3.78	3.15	1.08	35.32	3.95	3.69	1.13	38.03
	4	15	1.33	1.33	0.29	2.73	1.87	1.87	0.40	6.40	2.44	2.44	0.52	10.13	2.99	2.99	0.64	14.45	3.52	3.52	0.76	19.11
		17	1.33	1.32	0.29	2.73	1.87	1.87	0.40	6.42	2.44	2.44	0.52	10.16	2.99	2.99	0.64	14.49	3.52	3.52	0.76	19.16
		19	-	-	-	-	2.22	1.81	0.48	8.63	2.58	2.41	0.55	11.14	3.01	2.99	0.65	14.63	3.53	3.53	0.76	19.21
		20	-	-	-	-	3.07	1.83	0.66	15.09	3.11	2.37	0.67	15.43	3.32	2.94	0.72	17.31	3.63	3.51	0.78	20.20
	5	15	1.11	1.11	0.19	1.22	1.65	1.65	0.28	2.69	2.19	2.19	0.38	5.60	2.76	2.76	0.47	8.53	3.30	3.30	0.57	11.60
		17	1.11	1.11	0.19	1.22	1.65	1.65	0.28	2.70	2.19	2.19	0.38	5.61	2.76	2.76	0.47	8.56	3.31	3.31	0.57	11.63
		19	-	-	-	-	1.76	1.58	0.30	3.23	2.23	2.18	0.38	5.80	2.76	2.76	0.47	8.57	3.31	3.31	0.57	11.66
		20	-	-	-	-	2.15	1.50	0.37	5.38	2.51	2.12	0.43	7.27	2.91	2.73	0.50	9.36	3.35	3.31	0.57	11.86
	6	15	0.84	0.84	0.12	0.76	1.45	1.45	0.21	1.34	1.98	1.98	0.28	2.71	2.51	2.51	0.36	5.06	3.07	3.07	0.44	7.52
		17	0.84	0.84	0.12	0.76	1.45	1.45	0.21	1.34	1.98	1.98	0.28	2.72	2.51	2.51	0.36	5.08	3.08	3.08	0.44	7.53
		19	-	-	-	-	1.49	1.41	0.21	1.39	1.98	1.98	0.28	2.74	2.52	2.52	0.36	5.09	3.08	3.08	0.44	7.55
		20	-	-	-	-	1.68	1.31	0.24	1.78	2.10	1.91	0.30	3.19	2.56	2.50	0.37	5.30	3.09	3.09	0.44	7.57
15	3	15	0.99	0.99	0.28	2.76	1.56	1.56	0.45	7.64	2.12	2.12	0.60	12.84	2.66	2.66	0.76	19.18	3.18	3.18	0.91	25.80
		17	1.00	1.00	0.28	2.77	1.56	1.56	0.45	7.66	2.12	2.12	0.61	12.87	2.66	2.66	0.77	19.23	3.18	3.18	0.91	25.87
		19	-	-	-	-	1.62	1.55	0.46	8.16	2.12	2.11	0.60	12.85	2.67	2.67	0.77	19.28	3.19	3.19	0.91	25.94
		20	-	-	-	-	2.13	1.51	0.61	12.91	2.36	2.09	0.68	15.67	2.71	2.66	0.78	19.83	3.19	3.19	0.91	25.96
	4	15	0.77	0.77	0.17	1.03	1.32	1.32	0.28	2.79	1.88	1.88	0.40	6.45	2.45	2.45	0.53	10.16	2.99	2.99	0.64	14.27
		17	0.77	0.77	0.17	1.03	1.33	1.33	0.28	2.80	1.89	1.89	0.40	6.46	2.45	2.45	0.53	10.18	2.99	2.99	0.65	14.30
		19	-	-	-	-	1.33	1.33	0.28	2.82	1.89	1.89	0.41	6.48	2.46	2.46	0.53	10.21	3.00	3.00	0.65	14.34
		20	-	-	-	-	1.48	1.25	0.32	3.81	1.96	1.87	0.42	6.87	2.46	2.46	0.53	10.23	3.00	3.00	0.65	14.36
	5	15	0.49	0.49	0.08	0.51	1.12	1.12	0.19	1.19	1.66	1.66	0.29	2.86	2.21	2.21	0.38	5.78	2.77	2.77	0.48	8.55
		17	0.49	0.49	0.08	0.51	1.12	1.12	0.19	1.19	1.66	1.66	0.29	2.87	2.21	2.21	0.38	5.79	2.78	2.78	0.48	8.57
		19	-	-	-	-	1.12	1.12	0.19	1.19	1.66	1.66	0.29	2.88	2.22	2.22	0.38	5.81	2.78	2.78	0.48	8.60
		20	-	-	-	-	1.18	1.08	0.20	1.27	1.67	1.66	0.29	2.92	2.22	2.21	0.38	5.81	2.78	2.78	0.48	8.61
	6	15	-	-	-	-	0.86	0.86	0.12	0.74	1.46	1.46	0.21	1.33	1.98	1.98	0.28	2.87	2.53	2.53	0.36	5.25
		17	-	-	-	-	0.86	0.86	0.12	0.74	1.46	1.46	0.21	1.34	1.98	1.98	0.29	2.88	2.53	2.53	0.36	5.27
		19	-	-	-	-	0.86	0.86	0.12	0.74	1.46	1.46	0.21	1.34	1.99	1.99	0.29	2.89	2.54	2.54	0.36	5.29
		20	-	-	-	-	0.86	0.86	0.12	0.75	1.46	1.46	0.21	1.34	1.99	1.99	0.29	2.90	2.54	2.54	0.36	5.29

Abbreviations:

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

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

Heating Capacity Table

MKT3-V600G12-CL													
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	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa
40	8	6.20	0.67	13.55	5.54	0.60	11.18	4.88	0.53	9.00	4.22	0.46	6.98
	10	5.81	0.50	8.29	5.14	0.44	6.71	4.46	0.38	5.27	3.76	0.32	3.95
	12	5.37	0.39	5.36	4.67	0.34	4.22	3.94	0.28	3.16	3.19	0.23	2.03
	14	4.85	0.30	3.49	4.09	0.25	2.49	3.36	0.21	1.52	2.63	0.16	0.81
	16	4.26	0.23	1.97	3.54	0.19	1.20	2.78	0.15	0.72	1.85	0.10	0.47
45	8	7.80	0.84	19.60	7.14	0.77	16.84	6.50	0.70	14.35	5.84	0.63	11.91
	10	7.46	0.64	12.40	6.80	0.59	10.57	6.14	0.53	8.86	5.47	0.47	7.28
	12	7.08	0.51	8.37	6.41	0.46	7.05	5.73	0.41	5.82	5.04	0.36	4.69
	14	6.66	0.41	5.80	5.96	0.37	4.80	5.25	0.32	3.88	4.52	0.28	3.01
	16	6.18	0.33	4.11	5.45	0.29	3.32	4.69	0.25	2.53	3.93	0.21	1.70
50	8	9.39	1.01	26.63	8.73	0.94	23.46	8.08	0.87	20.40	7.43	0.80	17.64
	10	9.08	0.78	17.09	8.42	0.73	14.99	7.76	0.67	13.02	7.11	0.61	11.18
	12	8.74	0.63	11.67	8.07	0.58	10.18	7.40	0.53	8.77	6.74	0.48	7.46
	14	8.37	0.52	8.35	7.69	0.47	7.22	7.00	0.43	6.16	6.32	0.39	5.17
	16	7.96	0.43	6.13	7.26	0.39	5.24	6.56	0.35	4.41	5.85	0.32	3.64
55	8	10.97	1.18	34.22	10.31	1.11	30.62	9.65	1.04	27.29	9.00	0.97	24.16
	10	10.67	0.92	22.13	10.01	0.86	19.78	9.35	0.81	17.57	8.70	0.75	15.49
	12	10.37	0.75	15.41	9.69	0.70	13.68	9.03	0.65	12.10	8.37	0.60	10.61
	14	10.03	0.62	11.18	9.35	0.58	9.91	8.68	0.54	8.72	8.01	0.49	7.59
	16	9.66	0.52	8.36	8.98	0.48	7.37	8.30	0.45	6.44	7.61	0.41	5.56
60	8	12.54	1.35	42.46	11.89	1.28	38.67	11.22	1.21	35.04	10.57	1.14	31.55
	10	12.27	1.06	27.81	11.61	1.00	25.21	10.93	0.94	22.75	10.28	0.89	20.41
	12	11.97	0.86	19.36	11.30	0.81	17.51	10.64	0.77	15.81	9.98	0.72	14.14
	14	11.66	0.72	14.18	10.98	0.68	12.79	10.31	0.64	11.47	9.65	0.59	10.22
	16	11.32	0.61	10.77	10.64	0.57	9.67	9.97	0.54	8.64	9.29	0.50	7.66

Abbreviations:

Δt: Temperature Difference. (℃) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m^3/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

MKT3-V700G12-CL																							
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	5.57	4.24	1.59	38.07	5.54	4.85	1.59	37.81	5.68	5.47	1.63	39.49	6.09	6.08	1.74	44.47	6.68	6.68	1.91	52.24	
		17	7.40	4.27	2.14	63.27	7.36	4.88	2.12	62.60	7.30	5.47	2.09	60.82	7.26	6.06	2.08	60.33	7.26	6.66	2.10	61.22	
		19	-	-	-	-	9.29	4.90	2.68	93.72	9.24	5.50	2.68	93.43	9.19	6.10	2.66	92.47	9.14	6.68	2.64	91.54	
		20	-	-	-	-	10.33	4.91	2.99	113.62	10.27	5.51	2.98	112.43	10.20	6.10	2.93	109.65	10.15	6.69	2.93	109.65	
	4	15	4.90	3.93	1.06	18.75	5.02	4.57	1.08	19.53	5.31	5.22	1.15	21.57	5.83	5.83	1.25	25.09	6.43	6.43	1.38	29.66	
		17	6.77	3.98	1.45	32.35	6.73	4.58	1.44	32.01	6.69	5.19	1.43	31.67	6.67	5.78	1.43	31.57	6.80	6.40	1.46	32.60	
		19	-	-	-	-	8.70	4.62	1.87	49.98	8.65	5.23	1.86	49.47	8.60	5.82	1.85	48.98	8.55	6.41	1.84	48.49	
		20	-	-	-	-	9.75	4.64	2.11	61.47	9.69	5.25	2.09	60.85	9.63	5.84	2.07	59.89	9.58	6.43	2.07	59.64	
	5	15	4.19	3.58	0.72	9.68	4.51	4.27	0.77	11.01	4.96	4.94	0.85	12.96	5.57	5.57	0.96	15.89	6.17	6.17	1.06	18.96	
		17	6.07	3.66	1.05	18.38	6.03	4.27	1.04	18.18	6.01	4.88	1.04	18.08	6.13	5.51	1.06	18.71	6.39	6.15	1.10	20.08	
		19	-	-	-	-	8.07	4.33	1.39	29.91	8.02	4.94	1.38	29.60	7.97	5.53	1.37	29.30	7.92	6.12	1.37	28.99	
		20	-	-	-	-	9.12	4.36	1.57	36.97	9.07	4.96	1.56	36.61	9.02	5.56	1.55	36.24	8.96	6.15	1.55	35.87	
	6	15	3.68	3.30	0.53	4.66	4.09	3.98	0.59	6.14	4.63	4.63	0.66	8.25	5.27	5.27	0.75	10.54	5.89	5.89	0.85	12.78	
		17	5.21	3.28	0.75	10.31	5.19	3.90	0.74	10.23	5.33	4.55	0.76	10.73	5.62	5.22	0.81	11.77	6.00	5.88	0.86	13.17	
		19	-	-	-	-	7.32	4.01	1.05	18.32	7.27	4.61	1.04	18.13	7.23	5.21	1.03	17.93	7.21	5.81	1.03	17.88	
		20	-	-	-	-	8.41	4.04	1.20	23.23	8.36	4.65	1.20	22.99	8.31	5.25	1.19	22.76	8.26	5.84	1.18	22.52	
7	3	15	4.21	3.61	1.21	23.27	4.41	4.26	1.27	25.27	4.89	4.89	1.41	30.51	5.49	5.49	1.59	37.30	6.08	6.08	1.75	43.95	
		17	6.03	3.64	1.73	43.34	5.99	4.25	1.72	42.85	5.95	4.85	1.71	42.34	5.98	5.46	1.72	42.73	6.19	6.08	1.78	45.33	
		19	-	-	-	-	7.97	4.28	2.31	71.26	7.92	4.89	2.30	70.51	7.86	5.48	2.27	69.22	7.82	6.07	2.26	68.50	
		20	-	-	-	-	8.99	4.29	2.60	87.66	8.94	4.90	2.60	87.31	8.89	5.50	2.58	86.40	8.84	6.09	2.57	85.51	
	4	15	3.64	3.31	0.78	11.12	4.05	3.99	0.87	13.39	4.62	4.62	0.99	16.65	5.24	5.24	1.13	20.59	5.84	5.84	1.26	24.81	
		17	5.34	3.34	1.15	21.27	5.30	3.94	1.14	21.01	5.33	4.56	1.15	21.21	5.52	5.20	1.19	22.55	5.88	5.84	1.26	25.10	
		19	-	-	-	-	7.31	4.00	1.57	36.54	7.27	4.60	1.56	36.16	7.22	5.20	1.55	35.78	7.18	5.79	1.55	35.54	
		20	-	-	-	-	8.37	4.02	1.81	46.65	8.32	4.63	1.80	46.17	8.27	5.23	1.79	45.69	8.22	5.82	1.78	45.21	
	5	15	3.16	3.02	0.54	5.20	3.69	3.69	0.63	7.56	4.33	4.33	0.75	10.17	4.96	4.96	0.85	12.80	5.58	5.58	0.96	15.67	
		17	4.50	2.98	0.77	10.81	4.53	3.61	0.78	10.94	4.75	4.27	0.82	11.88	5.10	4.94	0.88	13.42	5.59	5.59	0.96	15.72	
		19	-	-	-	-	6.59	3.69	1.13	20.74	6.55	4.30	1.13	20.51	6.50	4.89	1.19	22.00	6.54	5.51	1.13	20.46	
		20	-	-	-	-	7.69	3.73	1.33	27.18	7.64	4.34	1.32	26.90	7.59	4.94	1.31	26.62	7.53	5.52	1.30	26.05	
	6	15	2.89	2.82	0.41	2.54	3.43	3.42	0.49	4.04	4.03	4.03	0.58	6.11	4.66	4.66	0.67	8.37	5.29	5.29	0.76	10.44	
		17	3.61	2.61	0.52	4.63	3.85	3.28	0.55	5.47	4.23	3.97	0.61	6.84	4.71	4.65	0.68	8.53	5.30	5.30	0.76	10.47	
		19	-	-	-	-	5.75	3.34	0.82	11.96	5.70	3.95	0.82	11.80	5.75	4.57	0.82	11.98	5.94	5.22	0.85	12.67	
		20	-	-	-	-	6.88	3.40	0.99	16.29	6.84	4.01	0.98	16.11	6.80	4.61	0.97	15.93	6.77	5.21	0.97	15.83	

(Continued)

MKT3-V700G12-CL																					
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
9	3	15	3.09	3.02	0.89	13.49	3.66	3.66	1.05	18.06	4.28	4.28	1.23	23.59	4.89	4.89	1.41	30.07	5.48	5.48	1.58	36.20
		17	4.56	3.00	1.32	26.52	4.52	3.61	1.30	25.95	4.64	4.25	1.34	27.48	4.94	4.89	1.43	30.61	5.49	5.49	1.58	36.30
		19	-	-	-	-	6.52	3.66	1.89	49.54	6.48	4.26	1.88	48.99	6.44	4.86	1.87	48.44	6.41	5.46	1.86	48.01
		20	-	-	-	-	7.55	3.66	2.17	63.15	7.51	4.27	2.17	62.79	7.47	4.88	2.17	62.72	7.42	5.47	2.15	62.10
	4	15	2.72	2.72	0.59	6.41	3.38	3.38	0.73	9.61	4.01	4.01	0.86	12.87	4.63	4.63	1.00	16.47	5.24	5.24	1.13	20.41
		17	3.72	2.66	0.80	11.32	3.86	3.31	0.83	12.05	4.18	3.99	0.90	13.92	4.64	4.64	1.00	16.53	5.25	5.25	1.13	20.47
		19	-	-	-	-	5.81	3.36	1.26	24.45	5.77	3.97	1.25	24.17	5.74	4.58	1.24	23.96	5.84	5.20	1.26	24.68
		20	-	-	-	-	6.86	3.38	1.48	32.29	6.82	3.99	1.47	31.93	6.77	4.59	1.46	31.58	6.73	5.19	1.45	31.21
	5	15	2.47	2.47	0.43	2.80	3.07	3.07	0.53	5.02	3.71	3.71	0.64	7.67	4.35	4.35	0.75	10.09	4.98	4.98	0.86	12.66
		17	2.91	2.32	0.50	4.39	3.28	3.01	0.56	5.90	3.77	3.70	0.65	7.87	4.36	4.36	0.75	10.11	4.98	4.98	0.86	12.69
		19	-	-	-	-	4.95	3.02	0.85	12.53	4.93	3.64	0.85	12.42	5.06	4.28	0.87	13.02	5.34	4.94	0.92	14.31
		20	-	-	-	-	6.08	3.07	1.05	17.78	6.03	3.67	1.04	17.59	5.99	4.28	1.03	17.35	6.03	4.90	1.04	17.53
	6	15	2.24	2.24	0.32	1.53	2.84	2.84	0.41	2.52	3.43	3.43	0.49	4.19	4.05	4.05	0.58	6.32	4.69	4.69	0.67	8.37
		17	2.50	2.11	0.36	1.83	2.93	2.79	0.42	2.74	3.44	3.43	0.49	4.22	4.06	4.06	0.58	6.34	4.70	4.70	0.67	8.39
		19	-	-	-	-	3.89	2.62	0.56	5.80	4.10	3.29	0.59	6.49	4.45	3.98	0.64	7.61	4.87	4.66	0.70	8.93
		20	-	-	-	-	5.14	2.71	0.74	9.75	5.10	3.32	0.73	9.61	5.16	3.95	0.74	9.81	5.38	4.61	0.77	10.54
11	3	15	2.40	2.40	0.68	8.54	3.04	3.04	0.87	12.80	3.67	3.67	1.05	17.63	4.28	4.28	1.22	23.00	4.88	4.88	1.39	28.85
		17	2.93	2.34	0.84	12.03	3.22	3.02	0.92	14.21	3.67	3.67	1.05	17.66	4.28	4.28	1.22	23.06	4.89	4.89	1.40	28.93
		19	-	-	-	-	4.94	3.01	1.41	29.40	4.90	3.62	1.40	29.00	4.92	4.24	1.41	29.27	5.12	4.87	1.46	31.28
		20	-	-	-	-	6.01	3.04	1.73	41.85	5.97	3.65	1.72	41.36	5.93	4.25	1.71	40.87	5.89	4.85	1.70	40.45
	4	15	2.11	2.11	0.45	3.38	2.74	2.74	0.59	6.49	3.39	3.39	0.73	9.45	4.02	4.02	0.86	12.62	4.64	4.64	0.99	16.09
		17	2.28	2.03	0.49	4.20	2.78	2.73	0.59	6.67	3.40	3.39	0.73	9.46	4.03	4.03	0.86	12.65	4.64	4.64	0.99	16.13
		19	-	-	-	-	4.09	2.69	0.88	12.95	4.14	3.32	0.89	13.24	4.38	3.98	0.94	14.57	4.74	4.63	1.02	16.70
		20	-	-	-	-	5.21	2.73	1.12	19.63	5.17	3.34	1.11	19.38	5.15	3.95	1.10	19.22	5.27	4.58	1.13	20.01
	5	15	1.89	1.89	0.32	1.52	2.48	2.48	0.43	2.95	3.09	3.09	0.53	5.25	3.74	3.74	0.64	7.68	4.38	4.38	0.75	10.02
		17	1.96	1.84	0.34	1.62	2.49	2.48	0.43	2.96	3.10	3.10	0.53	5.27	3.75	3.75	0.65	7.70	4.38	4.38	0.75	10.04
		19	-	-	-	-	3.12	2.32	0.54	5.38	3.47	3.02	0.60	6.70	3.90	3.71	0.67	8.25	4.41	4.38	0.76	10.15
		20	-	-	-	-	4.27	2.38	0.74	9.60	4.26	3.00	0.73	9.53	4.44	3.66	0.76	10.23	4.74	4.33	0.82	11.47
	6	15	1.60	1.60	0.23	1.02	2.26	2.26	0.32	1.51	2.85	2.85	0.41	2.65	3.45	3.45	0.49	4.40	4.07	4.07	0.58	6.39
		17	1.62	1.59	0.23	1.03	2.26	2.26	0.32	1.51	2.86	2.86	0.41	2.65	3.45	3.45	0.50	4.42	4.08	4.08	0.58	6.41
		19	-	-	-	-	2.60	2.09	0.37	2.08	3.01	2.77	0.43	3.07	3.50	3.44	0.50	4.57	4.09	4.08	0.58	6.42
		20	-	-	-	-	3.16	1.99	0.45	3.54	3.40	2.67	0.49	4.27	3.77	3.35	0.54	5.44	4.25	4.05	0.61	6.90

(Continued)

MKT3-V700G12-CL																					
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
13	3	15	1.75	1.75	0.50	4.63	2.41	2.41	0.69	8.61	3.04	3.04	0.87	12.64	3.67	3.67	1.05	17.63	4.28	4.28	1.23	22.94
		17	1.76	1.75	0.51	4.70	2.42	2.42	0.69	8.63	3.05	3.05	0.87	12.67	3.68	3.68	1.06	17.67	4.29	4.29	1.23	23.01
		19	-	-	-	-	3.17	2.35	0.90	13.51	3.38	3.01	0.97	15.28	3.74	3.67	1.07	18.18	4.29	4.29	1.23	23.06
		20	-	-	-	-	4.29	2.39	1.23	23.02	4.25	3.00	1.22	22.67	4.30	3.63	1.24	23.12	4.52	4.27	1.30	25.21
	4	15	1.52	1.52	0.33	1.53	2.12	2.12	0.46	3.62	2.76	2.76	0.59	6.54	3.40	3.40	0.73	9.35	4.03	4.03	0.86	12.46
		17	1.52	1.51	0.33	1.52	2.12	2.12	0.46	3.63	2.76	2.76	0.59	6.55	3.41	3.41	0.73	9.37	4.03	4.03	0.86	12.49
		19	-	-	-	-	2.40	2.03	0.52	4.99	2.87	2.74	0.61	7.00	3.41	3.41	0.73	9.41	4.04	4.04	0.87	12.53
		20	-	-	-	-	3.28	2.03	0.70	8.77	3.40	2.68	0.73	9.33	3.71	3.36	0.80	10.84	4.12	4.02	0.88	12.97
	5	15	1.23	1.23	0.21	0.90	1.89	1.89	0.32	1.50	2.48	2.48	0.43	3.04	3.10	3.10	0.53	5.34	3.75	3.75	0.64	7.55
		17	1.23	1.23	0.21	0.90	1.89	1.89	0.32	1.51	2.48	2.48	0.43	3.05	3.11	3.11	0.53	5.35	3.76	3.76	0.65	7.57
		19	-	-	-	-	2.00	1.82	0.34	1.71	2.50	2.48	0.43	3.11	3.11	3.11	0.53	5.37	3.77	3.77	0.65	7.59
		20	-	-	-	-	2.35	1.70	0.40	2.63	2.73	2.38	0.47	3.92	3.22	3.08	0.55	5.75	3.78	3.77	0.65	7.64
	6	15	0.92	0.92	0.13	0.55	1.62	1.62	0.23	0.97	2.26	2.26	0.32	1.50	2.85	2.85	0.41	2.73	3.46	3.46	0.49	4.52
		17	0.92	0.92	0.13	0.55	1.62	1.62	0.23	0.98	2.27	2.27	0.32	1.51	2.85	2.85	0.41	2.74	3.46	3.46	0.50	4.53
		19	-	-	-	-	1.65	1.59	0.24	0.99	2.27	2.27	0.32	1.51	2.86	2.86	0.41	2.75	3.47	3.47	0.50	4.55
		20	-	-	-	-	1.85	1.48	0.26	1.11	2.38	2.19	0.34	1.69	2.89	2.84	0.41	2.82	3.47	3.46	0.50	4.55
15	3	15	1.14	1.14	0.33	1.51	1.75	1.75	0.50	4.67	2.41	2.41	0.69	8.39	3.05	3.05	0.87	12.48	3.67	3.67	1.05	17.36
		17	1.14	1.14	0.33	1.52	1.76	1.76	0.50	4.69	2.42	2.42	0.69	8.41	3.05	3.05	0.87	12.51	3.67	3.67	1.06	17.41
		19	-	-	-	-	1.79	1.75	0.51	4.92	2.42	2.41	0.69	8.40	3.06	3.06	0.87	12.55	3.68	3.68	1.06	17.46
		20	-	-	-	-	2.30	1.69	0.66	7.73	2.63	2.38	0.75	9.72	3.09	3.05	0.88	12.75	3.68	3.68	1.06	17.48
	4	15	0.86	0.86	0.18	0.75	1.52	1.52	0.33	1.52	2.12	2.12	0.45	3.70	2.77	2.77	0.59	6.51	3.42	3.42	0.74	9.34
		17	0.86	0.86	0.18	0.75	1.52	1.52	0.33	1.53	2.12	2.12	0.45	3.72	2.78	2.78	0.59	6.52	3.42	3.42	0.74	9.38
		19	-	-	-	-	1.52	1.52	0.33	1.53	2.13	2.13	0.46	3.73	2.78	2.78	0.60	6.54	3.43	3.43	0.74	9.41
		20	-	-	-	-	1.67	1.43	0.36	1.96	2.16	2.11	0.46	3.91	2.78	2.77	0.60	6.54	3.43	3.43	0.74	9.43
	5	15	0.52	0.52	0.09	0.36	1.25	1.25	0.22	0.87	1.90	1.90	0.33	1.56	2.49	2.49	0.43	3.22	3.13	3.13	0.54	5.48
		17	0.52	0.52	0.09	0.36	1.25	1.25	0.22	0.88	1.90	1.90	0.33	1.56	2.50	2.50	0.43	3.23	3.13	3.13	0.54	5.49
		19	-	-	-	-	1.25	1.25	0.22	0.88	1.91	1.91	0.33	1.56	2.50	2.50	0.43	3.25	3.14	3.14	0.54	5.51
		20	-	-	-	-	1.29	1.22	0.22	0.90	1.91	1.90	0.33	1.58	2.50	2.50	0.43	3.25	3.14	3.14	0.54	5.52
	6	15	-	-	-	-	0.94	0.94	0.13	0.54	1.63	1.63	0.23	0.94	2.27	2.27	0.33	1.56	2.86	2.86	0.41	2.88
		17	-	-	-	-	0.94	0.94	0.13	0.54	1.64	1.64	0.23	0.94	2.28	2.28	0.33	1.56	2.86	2.86	0.41	2.89
		19	-	-	-	-	0.94	0.94	0.13	0.54	1.64	1.64	0.24	0.94	2.28	2.28	0.33	1.57	2.87	2.87	0.41	2.90
		20	-	-	-	-	0.94	0.94	0.13	0.54	1.64	1.63	0.24	0.94	2.28	2.28	0.33	1.57	2.87	2.87	0.41	2.91

Abbreviations:

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

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

Heating Capacity Table

MKT3-V700G12-CL													
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	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa
40	8	6.59	0.71	7.80	5.86	0.63	6.38	5.13	0.55	5.08	4.39	0.47	3.90
	10	6.06	0.52	4.67	5.32	0.46	3.73	4.55	0.39	2.86	3.76	0.32	1.96
	12	5.47	0.39	2.90	4.68	0.34	2.12	3.94	0.28	1.36	3.23	0.23	0.80
	14	4.84	0.30	1.53	4.12	0.25	0.99	3.37	0.21	0.64	2.53	0.16	0.47
	16	4.30	0.23	0.80	3.50	0.19	0.58	2.64	0.14	0.44	1.65	0.09	0.28
45	8	8.38	0.90	11.52	7.66	0.83	9.86	6.94	0.75	8.32	6.22	0.67	6.89
	10	7.93	0.68	7.17	7.20	0.62	6.07	6.46	0.56	5.05	5.72	0.49	4.11
	12	7.44	0.54	4.74	6.68	0.48	3.96	5.92	0.43	3.22	5.15	0.37	2.54
	14	6.86	0.42	3.20	6.07	0.37	2.60	5.27	0.33	1.98	4.51	0.28	1.35
	16	6.21	0.34	2.10	5.43	0.29	1.53	4.69	0.25	1.04	3.96	0.21	0.67
50	8	10.16	1.09	15.70	9.43	1.02	13.81	8.71	0.94	12.03	7.99	0.86	10.37
	10	9.75	0.84	10.02	9.02	0.78	8.76	8.29	0.72	7.58	7.57	0.65	6.48
	12	9.30	0.67	6.75	8.56	0.62	5.86	7.82	0.56	5.02	7.08	0.51	4.24
	14	8.80	0.54	4.75	8.05	0.50	4.08	7.29	0.45	3.45	6.52	0.40	2.86
	16	8.27	0.45	3.43	7.49	0.40	2.90	6.69	0.36	2.40	5.89	0.32	1.90
55	8	11.93	1.29	20.45	11.19	1.21	18.32	10.47	1.13	16.30	9.75	1.05	14.41
	10	11.53	1.00	13.10	10.81	0.93	11.72	10.08	0.87	10.38	9.35	0.81	9.13
	12	11.12	0.80	8.98	10.38	0.75	7.98	9.64	0.69	7.03	8.91	0.64	6.14
	14	10.68	0.66	6.47	9.93	0.61	5.72	9.19	0.57	5.00	8.44	0.52	4.33
	16	10.19	0.55	4.76	9.42	0.51	4.18	8.67	0.47	3.62	7.91	0.43	3.10
60	8	13.68	1.47	25.42	12.94	1.39	23.07	12.21	1.32	20.84	11.49	1.24	18.73
	10	13.31	1.15	16.53	12.57	1.09	14.96	11.84	1.02	13.42	11.12	0.96	12.03
	12	12.92	0.93	11.46	12.18	0.88	10.34	11.45	0.82	9.29	10.72	0.77	8.29
	14	12.50	0.77	8.29	11.76	0.72	7.46	11.02	0.68	6.67	10.28	0.63	5.92
	16	12.06	0.65	6.24	11.31	0.61	5.58	10.57	0.57	4.97	9.82	0.53	4.38

Abbreviations:

Δt: Temperature Difference. (℃) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m^3/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

MKT3-V800G12-CL																							
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	6.69	5.05	1.92	58.16	6.65	5.76	1.90	57.59	6.77	6.48	1.94	59.45	7.21	7.21	2.08	67.21	7.90	7.90	2.27	77.82	
		17	8.82	5.08	2.53	94.41	8.77	5.79	2.52	93.75	8.72	6.49	2.52	93.72	8.67	7.19	2.51	92.85	8.64	7.88	2.50	92.33	
		19	-	-	-	-	11.05	5.82	3.20	141.60	10.98	6.52	3.17	139.82	10.91	7.21	3.15	138.31	10.86	7.90	3.15	137.68	
		20	-	-	-	-	12.24	5.82	3.53	168.47	12.17	6.53	3.51	166.77	12.10	7.23	3.49	165.18	12.03	7.92	3.47	163.52	
	4	15	5.97	4.71	1.28	28.95	6.06	5.45	1.30	29.72	6.36	6.21	1.36	32.32	6.94	6.94	1.49	37.55	7.63	7.63	1.64	44.32	
		17	8.16	4.77	1.75	49.68	8.11	5.48	1.74	49.16	8.06	6.18	1.73	48.65	8.03	6.88	1.72	48.29	8.13	7.60	1.75	49.40	
		19	-	-	-	-	10.43	5.52	2.25	76.79	10.37	6.23	2.24	76.02	10.31	6.93	2.23	75.26	10.25	7.62	2.22	74.50	
		20	-	-	-	-	11.63	5.54	2.51	92.71	11.57	6.25	2.50	92.21	11.51	6.95	2.49	91.29	11.44	7.64	2.48	90.36	
	5	15	5.24	4.36	0.90	15.88	5.53	5.15	0.95	17.42	5.99	5.93	1.03	19.97	6.65	6.65	1.14	23.72	7.36	7.36	1.27	28.46	
		17	7.43	4.44	1.28	28.87	7.39	5.15	1.27	28.55	7.33	5.85	1.26	27.95	7.44	6.58	1.28	28.89	7.68	7.32	1.32	30.57	
		19	-	-	-	-	9.73	5.20	1.67	45.57	9.67	5.91	1.66	45.11	9.61	6.61	1.65	44.66	9.56	7.30	1.64	44.21	
		20	-	-	-	-	10.97	5.23	1.89	56.24	10.90	5.94	1.87	55.49	10.83	6.64	1.86	54.93	10.77	7.33	1.85	54.39	
	6	15	4.53	3.99	0.65	8.74	5.01	4.81	0.72	10.70	5.62	5.61	0.81	13.10	6.35	6.35	0.91	16.12	7.07	7.07	1.01	19.20	
		17	6.56	4.05	0.94	16.88	6.51	4.76	0.93	16.67	6.60	5.50	0.94	17.07	6.86	6.27	0.98	18.23	7.25	7.04	1.04	20.05	
		19	-	-	-	-	8.98	4.87	1.29	29.07	8.91	5.57	1.27	28.50	8.86	6.27	1.27	28.21	8.81	6.97	1.26	27.96	
		20	-	-	-	-	10.22	4.90	1.46	36.11	10.16	5.61	1.45	35.75	10.11	6.32	1.45	35.54	10.06	7.02	1.45	35.35	
7	3	15	5.10	4.31	1.48	36.47	5.29	5.06	1.53	38.87	5.79	5.79	1.66	44.90	6.50	6.50	1.87	54.86	7.20	7.20	2.08	65.95	
		17	7.25	4.34	2.09	66.66	7.20	5.06	2.08	65.92	7.15	5.76	2.06	64.85	7.15	6.47	2.06	64.97	7.36	7.19	2.13	68.54	
		19	-	-	-	-	9.48	5.08	2.74	106.30	9.42	5.79	2.72	105.16	9.37	6.49	2.70	104.03	9.31	7.18	2.69	102.92	
		20	-	-	-	-	10.69	5.10	3.09	131.53	10.62	5.81	3.07	130.15	10.57	6.51	3.07	129.78	10.51	7.20	3.05	128.42	
	4	15	4.46	3.99	0.96	17.38	4.87	4.77	1.05	20.23	5.52	5.52	1.19	25.03	6.24	6.24	1.35	31.18	6.93	6.93	1.49	37.07	
		17	6.52	4.02	1.41	33.60	6.48	4.74	1.40	33.22	6.47	5.45	1.40	33.18	6.64	6.19	1.44	34.75	7.00	6.93	1.51	37.71	
		19	-	-	-	-	8.80	4.78	1.90	55.95	8.75	5.49	1.89	55.66	8.70	6.20	1.89	55.45	8.65	6.89	1.87	54.85	
		20	-	-	-	-	10.03	4.81	2.17	70.79	9.97	5.52	2.16	70.05	9.91	6.22	2.15	69.34	9.84	6.91	2.12	68.07	
	5	15	3.88	3.65	0.67	9.32	4.49	4.47	0.77	11.98	5.22	5.22	0.90	15.54	5.95	5.95	1.02	19.34	6.66	6.66	1.15	23.47	
		17	5.65	3.65	0.97	17.66	5.63	4.37	0.97	17.60	5.83	5.14	1.00	18.65	6.17	5.91	1.06	20.62	6.68	6.66	1.15	23.61	
		19	-	-	-	-	8.04	4.46	1.38	32.38	7.99	5.17	1.38	32.15	8.02	5.93	1.36	32.00	7.95	6.58	1.37	32.01	
		20	-	-	-	-	9.30	4.50	1.61	41.99	9.23	5.20	1.59	41.12	9.18	5.90	1.58	40.70	9.12	6.60	1.57	40.27	
	6	15	3.46	3.36	0.50	4.59	4.12	4.12	0.59	7.18	4.89	4.89	0.70	10.12	5.64	5.64	0.81	12.90	6.37	6.37	0.91	15.87	
		17	4.59	3.21	0.66	9.01	4.83	4.00	0.69	9.89	5.24	4.82	0.75	11.37	5.76	5.62	0.83	13.44	6.37	6.37	0.91	15.91	
		19	-	-	-	-	7.18	4.10	1.03	19.48	7.13	4.81	1.02	19.26	7.13	5.53	1.02	19.23	7.28	6.27	1.05	19.98	
		20	-	-	-	-	8.49	4.15	1.22	26.03	8.43	4.87	1.21	25.75	8.38	5.57	1.21	25.48	8.33	6.27	1.20	25.21	

(Continued)

MKT3-V800G12-CL																						
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
9	3	15	3.72	3.61	1.07	20.66	4.37	4.37	1.26	27.49	5.08	5.08	1.46	35.27	5.79	5.79	1.68	44.85	6.49	6.49	1.87	53.93
		17	5.52	3.59	1.59	40.64	5.47	4.31	1.57	40.10	5.56	5.04	1.60	41.21	5.88	5.79	1.70	45.97	6.50	6.50	1.87	54.08
		19	-	-	-	-	7.81	4.35	2.27	75.45	7.76	5.06	2.25	74.61	7.71	5.77	2.24	73.80	7.66	6.46	2.22	72.98
		20	-	-	-	-	9.01	4.36	2.60	95.90	8.95	5.08	2.59	94.84	8.90	5.78	2.58	94.28	8.86	6.48	2.58	94.26
	4	15	3.32	3.30	0.71	10.37	4.06	4.06	0.87	14.62	4.80	4.80	1.04	19.52	5.53	5.53	1.20	24.95	6.23	6.23	1.34	30.38
		17	4.66	3.24	1.01	18.53	4.75	3.99	1.02	19.13	5.06	4.76	1.09	21.32	5.55	5.53	1.20	25.13	6.24	6.24	1.34	30.46
		19	-	-	-	-	7.04	4.03	1.52	37.45	6.99	4.75	1.51	37.03	6.94	5.45	1.50	36.60	7.02	6.17	1.51	37.32
		20	-	-	-	-	8.28	4.06	1.78	49.65	8.23	4.77	1.77	49.10	8.17	5.48	1.76	48.58	8.12	6.18	1.75	48.03
	5	15	2.97	2.96	0.51	5.10	3.73	3.73	0.64	8.59	4.49	4.49	0.77	11.82	5.23	5.23	0.90	15.35	5.95	5.95	1.02	19.09
		17	3.68	2.83	0.63	8.38	4.09	3.66	0.70	10.05	4.60	4.47	0.79	12.30	5.24	5.23	0.90	15.36	5.96	5.96	1.03	19.14
		19	-	-	-	-	6.16	3.68	1.06	20.20	6.11	4.40	1.05	19.94	6.21	5.13	1.07	20.47	6.46	5.89	1.11	21.95
		20	-	-	-	-	7.46	3.73	1.29	28.16	7.41	4.45	1.28	27.82	7.36	5.15	1.27	27.45	7.35	5.86	1.27	27.41
	6	15	2.71	2.71	0.39	2.47	3.41	3.41	0.49	4.58	4.15	4.15	0.60	7.41	4.92	4.92	0.71	10.07	5.66	5.66	0.81	12.78
		17	3.04	2.53	0.44	3.38	3.55	3.34	0.51	5.11	4.18	4.15	0.60	7.51	4.92	4.92	0.71	10.10	5.67	5.67	0.81	12.81
		19	-	-	-	-	5.09	3.27	0.73	10.64	5.22	4.03	0.75	11.10	5.54	4.82	0.79	12.29	5.96	5.61	0.85	13.94
		20	-	-	-	-	6.49	3.36	0.93	16.11	6.45	4.07	0.93	15.91	6.45	4.79	0.93	15.92	6.63	5.55	0.95	16.71
11	3	15	2.89	2.89	0.82	13.03	3.64	3.64	1.04	19.31	4.36	4.36	1.25	26.44	5.08	5.08	1.46	34.57	5.78	5.78	1.65	43.00
		17	3.62	2.82	1.03	19.17	3.89	3.60	1.11	21.63	4.37	4.37	1.25	26.57	5.09	5.09	1.46	34.66	5.79	5.79	1.66	43.12
		19	-	-	-	-	5.97	3.60	1.71	45.37	5.92	4.31	1.69	44.78	5.92	5.03	1.69	44.79	6.11	5.77	1.75	47.28
		20	-	-	-	-	7.22	3.63	2.08	64.02	7.17	4.35	2.07	63.27	7.10	5.05	2.03	61.53	7.05	5.75	2.02	60.77
	4	15	2.54	2.54	0.54	6.13	3.32	3.32	0.71	10.14	4.08	4.08	0.87	14.34	4.81	4.81	1.03	19.01	5.52	5.52	1.18	24.13
		17	2.85	2.47	0.61	7.77	3.41	3.30	0.73	10.57	4.08	4.07	0.87	14.36	4.81	4.81	1.03	19.06	5.53	5.53	1.19	24.19
		19	-	-	-	-	5.08	3.26	1.09	20.83	5.09	3.99	1.09	20.93	5.31	4.75	1.14	22.53	5.69	5.51	1.22	25.37
		20	-	-	-	-	6.38	3.31	1.37	31.00	6.33	4.02	1.36	30.59	6.28	4.73	1.35	30.19	6.38	5.46	1.37	31.01
	5	15	2.27	2.27	0.39	2.58	2.99	2.99	0.51	5.37	3.76	3.76	0.65	8.61	4.52	4.52	0.78	11.74	5.25	5.25	0.90	15.17
		17	2.37	2.20	0.41	2.91	3.00	2.99	0.52	5.42	3.77	3.77	0.65	8.63	4.52	4.52	0.78	11.77	5.26	5.26	0.91	15.21
		19	-	-	-	-	4.04	2.87	0.70	9.67	4.35	3.67	0.75	10.98	4.77	4.46	0.82	12.80	5.32	5.25	0.92	15.51
		20	-	-	-	-	5.40	2.94	0.93	15.89	5.36	3.66	0.92	15.66	5.49	4.41	0.95	16.34	5.78	5.18	1.00	17.88
	6	15	1.98	1.98	0.28	1.40	2.72	2.72	0.39	2.58	3.43	3.43	0.49	4.82	4.18	4.18	0.60	7.45	4.94	4.94	0.71	9.93
		17	2.01	1.95	0.29	1.43	2.72	2.72	0.39	2.59	3.43	3.43	0.49	4.83	4.19	4.19	0.60	7.47	4.95	4.95	0.71	9.95
		19	-	-	-	-	3.17	2.51	0.46	3.96	3.67	3.33	0.53	5.69	4.29	4.16	0.61	7.81	4.96	4.95	0.71	10.00
		20	-	-	-	-	4.09	2.47	0.58	7.12	4.33	3.26	0.62	7.90	4.75	4.08	0.68	9.26	5.23	4.88	0.75	10.94

(Continued)

MKT3-V800G12-CL																					
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
13	3	15	2.13	2.13	0.61	7.76	2.89	2.89	0.83	12.88	3.64	3.64	1.05	19.31	4.36	4.36	1.25	26.33	5.07	5.07	1.45	33.80
		17	2.16	2.13	0.62	7.96	2.90	2.90	0.83	12.90	3.65	3.65	1.05	19.36	4.37	4.37	1.26	26.38	5.08	5.08	1.45	33.89
		19	-	-	-	-	3.93	2.83	1.13	22.02	4.10	3.59	1.18	23.65	4.47	4.36	1.28	27.11	5.09	5.08	1.45	33.96
		20	-	-	-	-	5.20	2.86	1.49	35.27	5.16	3.58	1.47	34.75	5.18	4.31	1.48	35.03	5.40	5.05	1.55	37.71
	4	15	1.82	1.82	0.39	2.68	2.56	2.56	0.55	6.30	3.34	3.34	0.71	10.05	4.09	4.09	0.88	14.33	4.81	4.81	1.04	18.95
		17	1.82	1.82	0.39	2.68	2.56	2.56	0.55	6.32	3.34	3.34	0.72	10.07	4.09	4.09	0.88	14.37	4.82	4.82	1.04	19.00
		19	-	-	-	-	3.04	2.48	0.65	8.54	3.53	3.30	0.76	11.05	4.12	4.10	0.89	14.51	4.83	4.83	1.04	19.05
		20	-	-	-	-	4.20	2.50	0.90	14.97	4.25	3.25	0.92	15.30	4.55	4.03	0.98	17.17	4.97	4.80	1.07	20.03
	5	15	1.52	1.52	0.26	1.24	2.27	2.27	0.39	2.64	3.00	3.00	0.51	5.48	3.77	3.77	0.65	8.46	4.52	4.52	0.78	11.51
		17	1.52	1.52	0.26	1.24	2.27	2.27	0.39	2.65	3.00	3.00	0.51	5.50	3.78	3.78	0.65	8.48	4.53	4.53	0.78	11.54
		19	-	-	-	-	2.42	2.17	0.42	3.18	3.05	2.99	0.52	5.69	3.78	3.78	0.65	8.49	4.54	4.54	0.78	11.57
		20	-	-	-	-	2.94	2.06	0.50	5.27	3.43	2.90	0.59	7.18	3.99	3.73	0.68	9.28	4.58	4.53	0.79	11.76
	6	15	1.16	1.16	0.17	0.77	1.99	1.99	0.28	1.35	2.72	2.72	0.39	2.66	3.44	3.44	0.49	4.95	4.21	4.21	0.60	7.45
		17	1.16	1.16	0.17	0.77	1.99	1.99	0.28	1.35	2.72	2.72	0.39	2.67	3.44	3.44	0.49	4.97	4.21	4.21	0.60	7.47
		19	-	-	-	-	2.05	1.94	0.29	1.40	2.73	2.72	0.39	2.69	3.45	3.45	0.49	4.98	4.22	4.22	0.60	7.49
		20	-	-	-	-	2.33	1.81	0.33	1.78	2.88	2.62	0.41	3.14	3.51	3.42	0.50	5.20	4.22	4.22	0.60	7.50
15	3	15	1.37	1.37	0.39	2.71	2.14	2.14	0.61	7.57	2.90	2.90	0.83	12.73	3.64	3.64	1.05	19.03	4.35	4.35	1.24	25.59
		17	1.37	1.37	0.39	2.72	2.14	2.14	0.61	7.59	2.90	2.90	0.83	12.76	3.64	3.64	1.05	19.08	4.36	4.36	1.25	25.66
		19	-	-	-	-	2.22	2.12	0.63	8.09	2.90	2.89	0.83	12.75	3.65	3.65	1.05	19.13	4.37	4.37	1.25	25.73
		20	-	-	-	-	2.91	2.06	0.83	12.80	3.24	2.86	0.93	15.54	3.71	3.64	1.07	19.66	4.37	4.37	1.25	25.74
	4	15	1.06	1.06	0.23	1.04	1.82	1.82	0.39	2.74	2.58	2.58	0.55	6.37	3.35	3.35	0.72	10.07	4.09	4.09	0.88	14.15
		17	1.07	1.07	0.23	1.04	1.82	1.82	0.39	2.74	2.58	2.58	0.55	6.39	3.36	3.36	0.72	10.10	4.10	4.10	0.88	14.18
		19	-	-	-	-	1.83	1.82	0.39	2.77	2.58	2.58	0.55	6.41	3.36	3.36	0.72	10.13	4.10	4.10	0.88	14.22
		20	-	-	-	-	2.04	1.71	0.44	3.74	2.68	2.56	0.57	6.81	3.37	3.37	0.73	10.15	4.11	4.11	0.89	14.25
	5	15	0.68	0.68	0.12	0.52	1.54	1.54	0.27	1.20	2.28	2.28	0.39	2.80	3.02	3.02	0.52	5.69	3.79	3.79	0.65	8.48
		17	0.68	0.68	0.12	0.52	1.54	1.54	0.27	1.20	2.28	2.28	0.39	2.81	3.03	3.03	0.52	5.70	3.80	3.80	0.66	8.50
		19	-	-	-	-	1.54	1.54	0.27	1.20	2.28	2.28	0.39	2.82	3.03	3.03	0.52	5.72	3.81	3.81	0.66	8.52
		20	-	-	-	-	1.62	1.49	0.28	1.28	2.29	2.27	0.40	2.87	3.03	3.03	0.52	5.72	3.81	3.81	0.66	8.53
	6	15	-	-	-	-	1.18	1.18	0.17	0.75	2.01	2.01	0.29	1.33	2.72	2.72	0.39	2.81	3.46	3.46	0.50	5.16
		17	-	-	-	-	1.18	1.18	0.17	0.75	2.01	2.01	0.29	1.34	2.73	2.73	0.39	2.82	3.47	3.47	0.50	5.17
		19	-	-	-	-	1.19	1.19	0.17	0.75	2.01	2.01	0.29	1.34	2.73	2.73	0.39	2.83	3.47	3.47	0.50	5.19
		20	-	-	-	-	1.19	1.18	0.17	0.76	2.01	2.01	0.29	1.34	2.73	2.73	0.39	2.84	3.47	3.47	0.50	5.20

Abbreviations:

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

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

Heating Capacity Table

MKT3-V800G12-CL													
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	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa
40	8	8.33	0.90	13.03	7.45	0.81	10.74	6.56	0.71	8.64	5.66	0.61	6.68
	10	7.80	0.67	7.94	6.88	0.59	6.42	5.96	0.51	5.03	5.01	0.43	3.75
	12	7.19	0.52	5.11	6.23	0.45	4.02	5.24	0.38	2.97	4.25	0.31	1.84
	14	6.45	0.40	3.28	5.44	0.34	2.28	4.48	0.28	1.37	3.50	0.22	0.76
	16	5.68	0.31	1.79	4.73	0.26	1.10	3.69	0.20	0.69	2.45	0.13	0.46
45	8	10.50	1.13	18.89	9.62	1.04	16.22	8.74	0.94	13.74	7.86	0.85	11.45
	10	10.03	0.87	11.92	9.14	0.79	10.15	8.24	0.71	8.50	7.34	0.63	6.98
	12	9.51	0.69	8.02	8.60	0.62	6.75	7.68	0.55	5.56	6.75	0.49	4.47
	14	8.92	0.55	5.54	7.97	0.49	4.58	7.01	0.43	3.68	6.02	0.37	2.84
	16	8.25	0.45	3.90	7.25	0.39	3.14	6.23	0.34	2.35	5.23	0.28	1.54
50	8	12.66	1.37	25.70	11.77	1.27	22.64	10.88	1.17	19.67	10.01	1.08	17.01
	10	12.23	1.06	16.46	11.33	0.98	14.43	10.44	0.90	12.53	9.56	0.83	10.75
	12	11.75	0.84	11.22	10.84	0.78	9.78	9.94	0.71	8.42	9.04	0.65	7.16
	14	11.23	0.69	8.01	10.32	0.64	6.92	9.39	0.58	5.90	8.47	0.52	4.94
	16	10.66	0.58	5.86	9.72	0.52	5.01	8.77	0.47	4.21	7.81	0.42	3.47
55	8	14.80	1.59	32.98	13.90	1.50	29.57	13.02	1.40	26.36	12.14	1.31	23.32
	10	14.39	1.24	21.34	13.49	1.16	19.08	12.60	1.09	16.94	11.72	1.01	14.93
	12	13.96	1.00	14.84	13.05	0.94	13.17	12.15	0.87	11.64	11.26	0.81	10.20
	14	13.49	0.83	10.75	12.57	0.78	9.53	11.67	0.72	8.37	10.76	0.66	7.29
	16	12.98	0.70	8.03	12.05	0.65	7.07	11.13	0.60	6.17	10.20	0.55	5.30
60	8	16.94	1.82	41.05	16.04	1.73	37.38	15.14	1.64	33.89	14.26	1.54	30.41
	10	16.55	1.43	26.85	15.65	1.35	24.34	14.75	1.27	21.95	13.86	1.20	19.70
	12	16.14	1.16	18.67	15.23	1.10	16.94	14.33	1.03	15.24	13.44	0.97	13.62
	14	15.70	0.97	13.66	14.78	0.91	12.31	13.88	0.85	11.03	12.98	0.80	9.82
	16	15.23	0.82	10.35	14.31	0.77	9.30	13.40	0.72	8.30	12.48	0.67	7.35

Abbreviations:

Δt: Temperature Difference. (℃) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m^3/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

MKT3-V1000G12-CL																							
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	7.61	5.78	2.18	54.14	7.58	6.61	2.17	53.68	7.75	7.45	2.22	55.79	8.29	8.29	2.39	63.67	9.10	9.10	2.63	74.83	
		17	10.10	5.82	2.92	89.86	10.04	6.65	2.90	88.66	9.96	7.45	2.86	86.65	9.90	8.26	2.84	85.75	9.89	9.06	2.84	85.47	
		19	-	-	-	-	12.66	6.67	3.65	132.30	12.58	7.48	3.63	130.97	12.51	8.29	3.61	129.66	12.44	9.09	3.59	128.46	
		20	-	-	-	-	14.04	6.68	4.05	158.96	13.96	7.49	4.03	157.43	13.89	8.31	4.01	155.90	13.81	9.11	3.98	154.40	
	4	15	6.74	5.37	1.44	26.55	6.87	6.24	1.47	27.48	7.26	7.12	1.56	30.21	7.96	7.96	1.71	35.43	8.77	8.77	1.88	41.87	
		17	9.28	5.44	1.99	46.13	9.22	6.26	1.98	45.66	9.17	7.08	1.97	45.19	9.14	7.89	1.96	44.94	9.29	8.73	1.99	46.23	
		19	-	-	-	-	11.88	6.31	2.55	70.94	11.82	7.13	2.54	70.24	11.75	7.93	2.53	69.54	11.68	8.74	2.51	68.86	
		20	-	-	-	-	13.30	6.33	2.88	87.27	13.23	7.15	2.86	86.42	13.14	7.96	2.83	84.58	13.07	8.76	2.81	83.77	
	5	15	5.85	4.95	1.00	14.21	6.25	5.87	1.08	16.01	6.82	6.77	1.17	18.60	7.61	7.61	1.31	22.26	8.43	8.43	1.45	26.54	
		17	8.36	5.02	1.44	26.14	8.31	5.85	1.43	25.87	8.27	6.67	1.42	25.66	8.41	7.52	1.44	26.42	8.75	8.40	1.51	28.50	
		19	-	-	-	-	11.04	5.93	1.90	42.21	10.98	6.75	1.89	41.80	10.92	7.56	1.87	41.38	10.85	8.36	1.86	40.98	
		20	-	-	-	-	12.47	5.95	2.14	52.11	12.41	6.78	2.14	51.87	12.34	7.59	2.13	51.38	12.28	8.40	2.12	51.07	
	6	15	5.04	4.51	0.72	7.72	5.64	5.47	0.81	9.74	6.39	6.39	0.92	12.16	7.24	7.24	1.04	15.05	8.07	8.07	1.15	17.98	
		17	7.34	4.57	1.05	15.36	7.29	5.40	1.05	15.18	7.43	6.27	1.07	15.68	7.75	7.15	1.11	16.76	8.24	8.05	1.18	18.62	
		19	-	-	-	-	10.11	5.51	1.45	26.38	10.05	6.33	1.44	26.11	9.99	7.15	1.43	25.85	9.95	7.96	1.42	25.67	
		20	-	-	-	-	11.59	5.56	1.66	33.57	11.52	6.39	1.65	33.24	11.46	7.20	1.65	32.91	11.39	8.01	1.64	32.59	
7	3	15	5.79	4.93	1.67	33.71	6.04	5.81	1.75	36.33	6.65	6.65	1.91	42.43	7.47	7.47	2.15	52.04	8.28	8.28	2.39	62.51	
		17	8.25	4.97	2.38	61.84	8.19	5.79	2.36	60.95	8.14	6.61	2.34	60.27	8.17	7.43	2.35	60.59	8.43	8.27	2.43	64.18	
		19	-	-	-	-	10.86	5.83	3.16	101.25	10.80	6.65	3.14	100.20	10.73	7.47	3.12	99.17	10.67	8.27	3.10	98.13	
		20	-	-	-	-	12.24	5.84	3.54	123.81	12.18	6.67	3.54	123.85	12.12	7.48	3.53	122.94	12.05	8.29	3.51	121.72	
	4	15	5.04	4.55	1.09	16.13	5.54	5.46	1.19	18.81	6.32	6.32	1.36	23.52	7.15	7.15	1.55	29.38	7.96	7.96	1.72	35.38	
		17	7.37	4.58	1.59	30.92	7.32	5.41	1.58	30.57	7.33	6.24	1.59	30.66	7.57	7.10	1.64	32.37	8.02	7.96	1.73	35.54	
		19	-	-	-	-	10.02	5.47	2.17	52.66	9.96	6.29	2.16	52.11	9.90	7.10	2.15	51.57	9.84	7.91	2.13	51.00	
		20	-	-	-	-	11.42	5.48	2.46	65.49	11.35	6.30	2.45	64.83	11.29	7.12	2.44	64.32	11.23	7.93	2.43	63.93	
	5	15	4.35	4.14	0.75	8.40	5.09	5.08	0.88	11.09	5.95	5.95	1.02	14.46	6.79	6.79	1.17	18.12	7.62	7.62	1.31	22.06	
		17	6.32	4.13	1.09	16.01	6.32	4.98	1.09	16.04	6.58	5.86	1.13	17.18	7.01	6.76	1.21	19.12	7.64	7.63	1.31	22.14	
		19	-	-	-	-	9.10	5.07	1.57	30.10	9.05	5.90	1.56	29.77	9.05	6.76	1.58	32.00	9.00	7.53	1.56	29.53	
		20	-	-	-	-	10.53	5.10	1.81	38.39	10.46	5.92	1.80	37.99	10.40	6.74	1.79	37.62	10.34	7.55	1.78	37.23	
	6	15	3.89	3.80	0.56	4.14	4.66	4.66	0.67	6.56	5.55	5.55	0.79	9.37	6.42	6.42	0.92	12.01	7.26	7.26	1.04	14.83	
		17	5.02	3.60	0.72	7.77	5.36	4.53	0.77	8.80	5.88	5.48	0.84	10.34	6.51	6.40	0.93	12.30	7.27	7.27	1.04	14.86	
		19	-	-	-	-	8.03	4.63	1.15	17.58	7.97	5.45	1.14	17.37	7.99	6.29	1.15	17.45	8.22	7.16	1.18	18.31	
		20	-	-	-	-	9.55	4.69	1.37	23.75	9.49	5.52	1.37	23.50	9.43	6.34	1.36	23.25	9.38	7.15	1.35	23.04	

(Continued)

MKT3-V1000G12-CL																							
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	m^3/h	kPa	kW	kW	m^3/h	kPa	kW	kW	m^3/h	kPa	kW	kW	m^3/h	kPa	kW	kW	m^3/h	kPa	
9	3	15	4.23	4.12	1.21	19.17	4.99	4.99	1.43	25.49	5.83	5.83	1.67	33.27	6.66	6.66	1.93	42.42	7.46	7.46	2.15	51.11	
		17	6.25	4.10	1.80	37.52	6.20	4.93	1.78	37.04	6.33	5.78	1.82	38.35	6.73	6.66	1.95	43.24	7.47	7.47	2.15	51.21	
		19	-	-	-	-	8.89	4.98	2.56	69.32	8.85	5.81	2.57	69.70	8.78	6.62	2.53	67.82	8.73	7.42	2.51	67.11	
		20	-	-	-	-	10.31	5.00	3.00	91.24	10.25	5.83	2.98	90.26	10.19	6.64	2.96	89.27	10.12	7.45	2.94	87.97	
	4	15	3.76	3.75	0.81	9.56	4.64	4.64	1.00	13.80	5.49	5.49	1.18	18.31	6.33	6.33	1.37	23.47	7.14	7.14	1.54	28.64	
		17	5.20	3.67	1.12	16.62	5.34	4.55	1.15	17.43	5.74	5.45	1.24	19.74	6.35	6.34	1.37	23.58	7.15	7.15	1.54	28.72	
		19	-	-	-	-	7.96	4.60	1.72	34.51	7.91	5.42	1.70	34.12	7.86	6.24	1.69	33.77	7.98	7.08	1.72	34.65	
		20	-	-	-	-	9.42	4.63	2.04	46.61	9.36	5.46	2.03	46.12	9.30	6.28	2.02	45.62	9.24	7.09	2.00	45.11	
	5	15	3.35	3.34	0.58	4.61	4.23	4.23	0.73	7.92	5.11	5.11	0.88	10.99	5.97	5.97	1.03	14.40	6.81	6.81	1.17	17.91	
		17	4.05	3.19	0.70	7.30	4.57	4.15	0.79	9.08	5.21	5.09	0.90	11.33	5.98	5.98	1.03	14.42	6.82	6.82	1.17	17.95	
		19	-	-	-	-	6.90	4.17	1.19	18.27	6.85	5.00	1.18	18.06	6.99	5.86	1.20	18.72	7.32	6.74	1.26	20.27	
		20	-	-	-	-	8.39	4.22	1.45	25.61	8.34	5.05	1.44	25.32	8.28	5.87	1.43	25.02	8.30	6.70	1.43	25.11	
	6	15	3.04	3.04	0.44	2.22	3.84	3.84	0.55	4.14	4.70	4.70	0.67	6.80	5.59	5.59	0.80	9.34	6.45	6.45	0.92	11.92	
		17	3.36	2.85	0.48	2.90	3.96	3.78	0.57	4.51	4.71	4.70	0.68	6.85	5.59	5.59	0.80	9.37	6.45	6.45	0.93	11.95	
		19	-	-	-	-	5.58	3.66	0.80	9.30	5.79	4.56	0.83	9.90	6.21	5.48	0.89	11.15	6.73	6.40	0.97	12.82	
		20	-	-	-	-	7.23	3.77	1.04	14.43	7.17	4.60	1.03	14.24	7.20	5.45	1.03	14.35	7.45	6.32	1.07	15.23	
11	3	15	3.29	3.29	0.94	12.14	4.16	4.16	1.19	18.10	5.00	5.00	1.43	24.88	5.83	5.83	1.66	32.40	6.65	6.65	1.91	41.27	
		17	4.06	3.21	1.16	17.39	4.40	4.12	1.26	19.98	5.01	5.01	1.43	24.94	5.84	5.84	1.67	32.49	6.66	6.66	1.92	41.38	
		19	-	-	-	-	6.79	4.12	1.95	42.68	6.74	4.95	1.94	42.15	6.75	5.78	1.94	42.28	6.98	6.63	1.99	44.29	
		20	-	-	-	-	8.19	4.14	2.34	58.55	8.14	4.97	2.33	57.88	8.08	5.79	2.31	57.21	8.03	6.60	2.30	56.59	
	4	15	2.87	2.87	0.61	5.58	3.78	3.78	0.81	9.41	4.65	4.65	1.00	13.40	5.50	5.50	1.18	17.84	6.33	6.33	1.36	22.72	
		17	3.16	2.79	0.68	6.88	3.85	3.76	0.82	9.70	4.65	4.65	1.00	13.42	5.51	5.51	1.18	17.88	6.34	6.34	1.36	22.77	
		19	-	-	-	-	5.68	3.70	1.22	18.83	5.72	4.55	1.23	19.07	6.01	5.43	1.29	20.78	6.48	6.32	1.39	23.68	
		20	-	-	-	-	7.19	3.75	1.54	28.25	7.13	4.58	1.53	27.90	7.09	5.41	1.52	27.57	7.23	6.26	1.55	28.55	
	5	15	2.55	2.55	0.44	2.31	3.37	3.37	0.58	4.87	4.27	4.27	0.73	7.96	5.14	5.14	0.89	10.94	5.99	5.99	1.03	14.07	
		17	2.64	2.49	0.46	2.54	3.38	3.38	0.58	4.89	4.27	4.27	0.74	7.98	5.15	5.15	0.89	10.96	6.00	6.00	1.03	14.10	
		19	-	-	-	-	4.44	3.23	0.76	8.50	4.85	4.16	0.84	9.89	5.40	5.10	0.93	11.87	6.04	5.99	1.04	14.29	
		20	-	-	-	-	5.98	3.30	1.03	13.98	5.93	4.14	1.02	13.81	6.14	5.02	1.05	14.64	6.53	5.92	1.13	16.43	
	6	15	2.20	2.20	0.32	1.28	3.06	3.06	0.44	2.32	3.86	3.86	0.55	4.37	4.73	4.73	0.68	6.86	5.62	5.62	0.80	9.23	
		17	2.22	2.18	0.32	1.29	3.06	3.05	0.44	2.32	3.87	3.87	0.56	4.38	4.74	4.74	0.68	6.88	5.62	5.62	0.80	9.25	
		19	-	-	-	-	3.50	2.83	0.50	3.36	4.10	3.77	0.59	5.08	4.82	4.72	0.69	7.11	5.63	5.63	0.81	9.27	
		20	-	-	-	-	4.40	2.74	0.63	5.92	4.75	3.67	0.68	6.90	5.29	4.63	0.76	8.32	5.89	5.57	0.84	10.01	

(Continued)

MKT3-V1000G12-CL																						
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
13	3	15	2.41	2.41	0.69	7.16	3.31	3.31	0.95	12.21	4.17	4.17	1.20	18.13	5.00	5.00	1.44	24.85	5.82	5.82	1.66	31.93
		17	2.44	2.41	0.70	7.27	3.31	3.31	0.95	12.24	4.17	4.17	1.20	18.18	5.01	5.01	1.44	24.92	5.83	5.83	1.67	32.01
		19	-	-	-	-	4.41	3.23	1.27	19.99	4.64	4.11	1.33	21.79	5.10	5.00	1.47	25.72	5.84	5.84	1.67	32.09
		20	-	-	-	-	5.87	3.26	1.68	32.37	5.82	4.09	1.66	31.89	5.87	4.94	1.68	32.35	6.16	5.80	1.76	35.19
	4	15	2.05	2.05	0.44	2.40	2.89	2.89	0.62	5.76	3.79	3.79	0.81	9.34	4.66	4.66	1.00	13.25	5.51	5.51	1.19	17.80
		17	2.05	2.04	0.44	2.40	2.89	2.89	0.62	5.78	3.80	3.80	0.81	9.36	4.67	4.67	1.00	13.28	5.52	5.52	1.19	17.85
		19	-	-	-	-	3.36	2.80	0.72	7.60	3.97	3.76	0.85	10.10	4.68	4.67	1.00	13.35	5.52	5.52	1.19	17.90
		20	-	-	-	-	4.62	2.81	0.99	13.05	4.73	3.69	1.01	13.57	5.13	4.60	1.11	15.75	5.66	5.50	1.22	18.63
	5	15	1.69	1.69	0.29	1.13	2.55	2.55	0.44	2.37	3.38	3.38	0.58	4.99	4.28	4.28	0.74	7.84	5.15	5.15	0.88	10.73
		17	1.69	1.69	0.29	1.13	2.55	2.55	0.44	2.38	3.39	3.39	0.58	5.01	4.29	4.29	0.74	7.86	5.16	5.16	0.89	10.76
		19	-	-	-	-	2.69	2.46	0.46	2.75	3.42	3.38	0.59	5.12	4.29	4.29	0.74	7.87	5.17	5.17	0.89	10.79
		20	-	-	-	-	3.20	2.31	0.55	4.39	3.80	3.28	0.65	6.36	4.48	4.25	0.77	8.45	5.20	5.16	0.89	10.90
	6	15	1.27	1.27	0.18	0.69	2.22	2.22	0.32	1.22	3.05	3.05	0.44	2.39	3.88	3.88	0.55	4.50	4.77	4.77	0.68	6.89
		17	1.27	1.27	0.18	0.69	2.22	2.22	0.32	1.23	3.06	3.06	0.44	2.39	3.88	3.88	0.56	4.51	4.78	4.78	0.68	6.90
		19	-	-	-	-	2.27	2.18	0.32	1.26	3.06	3.06	0.44	2.40	3.89	3.89	0.56	4.53	4.78	4.78	0.68	6.92
		20	-	-	-	-	2.55	2.03	0.36	1.52	3.21	2.96	0.46	2.73	3.93	3.87	0.56	4.65	4.78	4.78	0.68	6.92
15	3	15	1.54	1.54	0.44	2.43	2.42	2.42	0.69	7.00	3.31	3.31	0.94	11.89	4.17	4.17	1.20	17.88	4.99	4.99	1.43	24.12
		17	1.54	1.54	0.44	2.43	2.42	2.42	0.69	7.02	3.31	3.31	0.95	11.92	4.17	4.17	1.20	17.93	5.00	5.00	1.43	24.19
		19	-	-	-	-	2.49	2.41	0.71	7.36	3.31	3.30	0.94	11.91	4.18	4.18	1.20	17.98	5.01	5.01	1.43	24.25
		20	-	-	-	-	3.23	2.34	0.92	11.40	3.63	3.26	1.04	13.95	4.23	4.17	1.22	18.34	5.01	5.01	1.43	24.28
	4	15	1.18	1.18	0.25	0.94	2.05	2.05	0.44	2.45	2.92	2.92	0.62	5.86	3.82	3.82	0.82	9.36	4.67	4.67	1.01	13.25
		17	1.18	1.18	0.25	0.95	2.05	2.05	0.44	2.46	2.92	2.92	0.63	5.88	3.82	3.82	0.82	9.39	4.68	4.68	1.01	13.29
		19	-	-	-	-	2.05	2.05	0.44	2.47	2.92	2.92	0.63	5.90	3.83	3.83	0.83	9.43	4.69	4.69	1.01	13.32
		20	-	-	-	-	2.25	1.94	0.48	3.20	3.00	2.90	0.64	6.17	3.83	3.82	0.83	9.43	4.69	4.69	1.01	13.34
	5	15	0.73	0.73	0.13	0.46	1.72	1.72	0.30	1.09	2.56	2.56	0.44	2.52	3.42	3.42	0.59	5.21	4.31	4.31	0.74	7.87
		17	0.73	0.73	0.13	0.46	1.72	1.72	0.30	1.10	2.56	2.56	0.44	2.52	3.42	3.42	0.59	5.23	4.32	4.32	0.74	7.89
		19	-	-	-	-	1.72	1.72	0.30	1.10	2.57	2.57	0.44	2.53	3.43	3.43	0.59	5.24	4.33	4.33	0.75	7.91
		20	-	-	-	-	1.78	1.67	0.31	1.14	2.57	2.56	0.44	2.55	3.43	3.43	0.59	5.25	4.33	4.33	0.75	7.92
	6	15	-	-	-	-	1.30	1.30	0.19	0.67	2.24	2.24	0.32	1.21	3.06	3.06	0.44	2.53	3.91	3.91	0.56	4.71
		17	-	-	-	-	1.30	1.30	0.19	0.68	2.24	2.24	0.32	1.21	3.07	3.07	0.44	2.53	3.91	3.91	0.56	4.73
		19	-	-	-	-	1.30	1.30	0.19	0.68	2.25	2.25	0.32	1.21	3.07	3.07	0.44	2.54	3.92	3.92	0.56	4.74
		20	-	-	-	-	1.30	1.30	0.19	0.68	2.25	2.24	0.32	1.21	3.07	3.07	0.44	2.55	3.92	3.92	0.56	4.75

Abbreviations:

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

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

Heating Capacity Table

MKT3-V1000G12-CL													
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	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa
40	8	9.64	1.04	12.48	8.61	0.93	10.26	7.56	0.82	8.24	6.52	0.70	6.36
	10	8.99	0.78	7.56	7.93	0.68	6.10	6.85	0.59	4.76	5.74	0.50	3.53
	12	8.26	0.59	4.84	7.14	0.51	3.78	5.98	0.43	2.78	4.83	0.35	1.70
	14	7.37	0.45	3.08	6.19	0.38	2.12	5.09	0.31	1.26	3.95	0.24	0.70
	16	6.45	0.35	1.65	5.36	0.29	1.01	4.15	0.22	0.64	2.71	0.15	0.42
45	8	12.17	1.31	18.15	11.14	1.20	15.57	10.12	1.09	13.18	9.09	0.98	10.97
	10	11.60	1.00	11.41	10.56	0.91	9.70	9.52	0.82	8.12	8.47	0.73	6.65
	12	10.98	0.79	7.65	9.91	0.71	6.42	8.84	0.64	5.28	7.75	0.56	4.23
	14	10.26	0.63	5.25	9.16	0.56	4.33	8.03	0.50	3.47	6.87	0.42	2.66
	16	9.46	0.51	3.68	8.29	0.45	2.94	7.10	0.38	2.18	5.94	0.32	1.42
50	8	14.68	1.59	24.75	13.65	1.48	21.79	12.62	1.36	18.92	11.60	1.25	16.35
	10	14.16	1.22	15.81	13.12	1.13	13.85	12.09	1.04	12.01	11.06	0.96	10.30
	12	13.59	0.98	10.74	12.54	0.90	9.35	11.49	0.83	8.04	10.44	0.75	6.82
	14	12.97	0.80	7.64	11.90	0.73	6.59	10.78	0.67	5.61	9.74	0.60	4.69
	16	12.28	0.66	5.57	11.18	0.60	4.75	10.08	0.54	3.99	8.96	0.48	3.27
55	8	17.19	1.85	31.82	16.15	1.74	28.52	15.12	1.63	25.41	14.10	1.52	22.59
	10	16.69	1.44	20.54	15.65	1.35	18.35	14.61	1.26	16.29	13.58	1.17	14.34
	12	16.17	1.16	14.25	15.11	1.09	12.63	14.07	1.01	11.16	13.02	0.94	9.77
	14	15.60	0.96	10.29	14.54	0.90	9.11	13.48	0.83	8.00	12.43	0.77	6.95
	16	14.98	0.81	7.66	13.91	0.75	6.74	12.83	0.69	5.87	11.75	0.63	5.04
60	8	19.69	2.12	39.75	18.64	2.01	36.10	17.59	1.90	32.72	16.56	1.79	29.35
	10	19.22	1.66	25.88	18.17	1.57	23.45	17.12	1.48	21.15	16.09	1.39	18.97
	12	18.71	1.34	17.96	17.66	1.27	16.29	16.61	1.20	14.64	15.57	1.12	13.09
	14	18.18	1.12	13.11	17.11	1.05	11.81	16.06	0.99	10.58	15.01	0.92	9.41
	16	17.62	0.95	9.91	16.55	0.89	8.90	15.48	0.84	7.93	14.42	0.78	7.02

Abbreviations:

Δt: Temperature Difference. (℃) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m^3/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

MKT3-V1200G12-CL																							
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	8.49	6.42	2.43	44.14	8.44	7.33	2.42	43.75	8.62	8.26	2.48	45.67	9.19	9.18	2.63	50.86	10.07	10.07	2.88	59.47	
		17	11.24	6.47	3.25	72.88	11.17	7.38	3.23	72.10	11.08	8.26	3.18	70.25	11.01	9.15	3.16	69.49	10.99	10.03	3.15	69.24	
		19	-	-	-	-	14.08	7.41	4.08	108.40	13.99	8.31	4.05	107.27	13.91	9.20	4.03	106.16	13.83	10.08	4.01	105.06	
		20	-	-	-	-	15.60	7.42	4.50	128.46	15.52	8.32	4.49	128.14	15.43	9.22	4.48	127.59	15.34	10.10	4.45	126.25	
	4	15	7.55	5.98	1.63	22.09	7.67	6.92	1.64	22.52	8.08	7.90	1.73	24.63	8.83	8.83	1.89	28.71	9.72	9.72	2.09	33.88	
		17	10.34	6.05	2.22	37.65	10.28	6.96	2.21	37.25	10.22	7.86	2.19	36.86	10.18	8.75	2.18	36.65	10.33	9.67	2.22	37.62	
		19	-	-	-	-	13.25	7.03	2.86	58.38	13.17	7.93	2.84	57.77	13.09	8.82	2.83	57.18	13.01	9.70	2.81	56.60	
		20	-	-	-	-	14.78	7.04	3.18	70.02	14.69	7.94	3.16	69.29	14.61	8.83	3.14	68.59	14.52	9.71	3.12	67.88	
	5	15	6.54	5.49	1.12	11.69	6.95	6.51	1.19	12.97	7.58	7.52	1.31	15.18	8.46	8.46	1.46	18.28	9.35	9.35	1.60	21.54	
		17	9.34	5.60	1.60	21.45	9.28	6.51	1.59	21.21	9.24	7.41	1.58	21.05	9.38	8.35	1.61	21.64	9.73	9.30	1.67	23.03	
		19	-	-	-	-	12.34	6.61	2.13	34.86	12.26	7.51	2.11	34.44	12.19	8.40	2.10	34.15	12.11	9.29	2.09	33.79	
		20	-	-	-	-	13.89	6.63	2.39	42.50	13.81	7.54	2.37	42.07	13.73	8.43	2.36	41.65	13.65	9.32	2.34	41.23	
	6	15	5.70	5.05	0.82	5.99	6.29	6.08	0.90	7.65	7.09	7.09	1.02	9.81	8.04	8.04	1.15	12.25	8.97	8.97	1.29	14.74	
		17	8.19	5.09	1.18	12.61	8.14	6.00	1.17	12.47	8.30	6.96	1.19	12.88	8.66	7.95	1.24	13.86	9.18	8.94	1.32	15.33	
		19	-	-	-	-	11.29	6.15	1.62	21.65	11.22	7.05	1.61	21.43	11.15	7.94	1.60	21.20	11.11	8.84	1.59	21.07	
		20	-	-	-	-	12.91	6.20	1.85	27.24	12.83	7.10	1.84	26.96	12.76	8.00	1.82	26.69	12.68	8.89	1.81	26.41	
7	3	15	6.45	5.47	1.85	27.18	6.73	6.44	1.94	29.64	7.39	7.38	2.14	34.83	8.28	8.28	2.38	41.94	9.17	9.17	2.64	50.05	
		17	9.21	5.53	2.67	51.00	9.13	6.43	2.62	49.63	9.07	7.33	2.61	49.05	9.09	8.23	2.61	49.27	9.37	9.17	2.70	52.04	
		19	-	-	-	-	12.07	6.48	3.49	81.29	11.99	7.38	3.45	79.92	11.91	8.27	3.43	79.06	11.84	9.15	3.41	78.20	
		20	-	-	-	-	13.62	6.50	3.96	101.38	13.54	7.41	3.94	100.30	13.46	8.30	3.91	99.25	13.38	9.18	3.89	98.19	
	4	15	5.63	5.06	1.22	13.26	6.18	6.07	1.34	15.56	7.02	7.02	1.51	19.13	7.93	7.93	1.71	23.59	8.83	8.83	1.90	28.36	
		17	8.21	5.09	1.77	25.01	8.16	6.00	1.75	24.72	8.17	6.92	1.76	24.81	8.42	7.87	1.81	26.14	8.92	8.83	1.93	29.13	
		19	-	-	-	-	11.17	6.08	2.42	42.96	11.10	6.99	2.40	42.50	11.04	7.88	2.39	42.05	10.97	8.77	2.37	41.58	
		20	-	-	-	-	12.74	6.11	2.76	53.97	12.66	7.02	2.74	53.40	12.59	7.92	2.73	52.84	12.51	8.80	2.71	52.29	
	5	15	4.87	4.61	0.84	6.57	5.66	5.65	0.97	9.02	6.61	6.61	1.14	11.78	7.55	7.55	1.30	14.77	8.46	8.46	1.46	17.93	
		17	7.04	4.59	1.21	13.08	7.05	5.52	1.21	13.12	7.34	6.51	1.26	14.04	7.82	7.51	1.35	15.71	8.49	8.47	1.46	18.01	
		19	-	-	-	-	10.14	5.64	1.75	24.41	10.08	6.54	1.74	24.15	10.08	7.50	1.69	27.00	10.03	8.35	1.73	23.96	
		20	-	-	-	-	11.77	5.70	2.04	31.78	11.70	6.61	2.02	31.44	11.63	7.50	2.01	31.10	11.56	8.39	2.00	30.77	
	6	15	4.43	4.30	0.64	3.21	5.23	5.23	0.75	4.96	6.17	6.17	0.88	7.43	7.13	7.13	1.02	9.79	8.07	8.07	1.16	12.07	
		17	5.66	4.02	0.81	6.11	6.00	5.03	0.86	7.01	6.55	6.08	0.94	8.41	7.24	7.11	1.04	10.05	8.08	8.07	1.16	12.10	
		19	-	-	-	-	8.96	5.15	1.28	14.39	8.90	6.06	1.28	14.22	8.93	6.98	1.28	14.30	9.17	7.94	1.31	14.97	
		20	-	-	-	-	10.66	5.23	1.53	19.42	10.59	6.14	1.52	19.21	10.52	7.04	1.51	19.00	10.47	7.94	1.50	18.83	

(Continued)

MKT3-V1200G12-CL																						
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
9	3	15	4.72	4.59	1.36	15.82	5.55	5.55	1.59	20.71	6.48	6.48	1.87	27.37	7.38	7.38	2.12	33.84	8.28	8.28	2.40	41.83
		17	7.00	4.57	2.03	31.28	6.95	5.48	2.01	30.87	7.07	6.42	2.05	31.85	7.47	7.38	2.15	34.60	8.29	8.29	2.40	41.95
		19	-	-	-	-	9.90	5.53	2.85	56.42	9.84	6.44	2.83	55.78	9.78	7.34	2.81	55.15	9.72	8.23	2.80	54.58
		20	-	-	-	-	11.48	5.56	3.33	73.97	11.41	6.47	3.31	73.17	11.34	7.37	3.29	72.37	11.26	8.26	3.27	71.63
	4	15	4.18	4.17	0.90	7.75	5.15	5.15	1.11	11.13	6.10	6.10	1.31	14.83	7.02	7.02	1.52	18.97	7.93	7.93	1.72	23.48
		17	5.84	4.09	1.26	13.88	5.97	5.05	1.28	14.28	6.40	6.05	1.38	16.10	7.05	7.03	1.52	19.08	7.95	7.95	1.72	23.55
		19	-	-	-	-	8.89	5.12	1.92	28.27	8.83	6.02	1.90	27.94	8.80	6.94	1.90	27.96	8.90	7.85	1.92	28.33
		20	-	-	-	-	10.49	5.16	2.26	37.62	10.42	6.07	2.25	37.21	10.36	6.97	2.23	36.79	10.29	7.86	2.22	36.36
	5	15	3.78	3.78	0.65	3.49	4.71	4.71	0.81	6.18	5.68	5.68	0.98	8.97	6.63	6.63	1.14	11.66	7.56	7.56	1.30	14.63
		17	4.56	3.56	0.78	5.75	5.10	4.61	0.88	7.36	5.80	5.66	1.00	9.28	6.64	6.64	1.14	11.68	7.58	7.58	1.31	14.67
		19	-	-	-	-	7.73	4.65	1.33	15.14	7.67	5.56	1.32	14.96	7.82	6.51	1.35	15.41	8.17	7.48	1.41	16.62
		20	-	-	-	-	9.39	4.71	1.62	21.05	9.32	5.62	1.61	20.81	9.26	6.53	1.59	20.55	9.28	7.44	1.60	20.63
	6	15	3.46	3.46	0.50	1.79	4.35	4.35	0.62	3.15	5.25	5.25	0.75	5.20	6.21	6.21	0.89	7.56	7.16	7.16	1.03	9.71
		17	3.89	3.24	0.56	2.34	4.52	4.26	0.65	3.49	5.28	5.25	0.76	5.27	6.21	6.21	0.89	7.58	7.17	7.17	1.03	9.74
		19	-	-	-	-	6.22	4.07	0.89	7.57	6.46	5.06	0.93	8.12	6.93	6.08	0.99	9.16	7.51	7.10	1.08	10.51
		20	-	-	-	-	8.08	4.21	1.16	11.88	8.02	5.12	1.15	11.72	8.06	6.05	1.16	11.83	8.33	7.02	1.20	12.53
11	3	15	3.66	3.66	1.04	9.91	4.62	4.62	1.32	14.85	5.55	5.55	1.58	20.21	6.47	6.47	1.85	26.29	7.37	7.37	2.10	32.90
		17	4.57	3.58	1.31	14.52	4.92	4.57	1.40	16.39	5.57	5.56	1.59	20.29	6.48	6.48	1.85	26.36	7.38	7.38	2.11	32.99
		19	-	-	-	-	7.57	4.58	2.17	34.63	7.51	5.49	2.15	34.17	7.52	6.41	2.16	34.29	7.78	7.35	2.23	36.33
		20	-	-	-	-	9.14	4.61	2.61	47.76	9.08	5.52	2.59	47.20	9.01	6.42	2.58	46.65	8.96	7.32	2.56	46.12
	4	15	3.23	3.23	0.69	4.23	4.20	4.20	0.90	7.67	5.17	5.17	1.11	10.93	6.11	6.11	1.31	14.52	7.03	7.03	1.51	18.45
		17	3.55	3.11	0.76	5.41	4.28	4.18	0.92	7.94	5.17	5.17	1.11	10.94	6.12	6.12	1.31	14.56	7.04	7.04	1.51	18.50
		19	-	-	-	-	6.36	4.12	1.36	15.53	6.41	5.06	1.37	15.71	6.72	6.03	1.44	17.06	7.22	7.01	1.55	19.32
		20	-	-	-	-	8.03	4.18	1.72	23.18	7.98	5.10	1.71	22.89	7.93	6.01	1.70	22.64	8.07	6.94	1.73	23.38
	5	15	2.91	2.91	0.50	1.82	3.80	3.80	0.65	3.69	4.74	4.74	0.82	6.38	5.72	5.72	0.98	8.92	6.66	6.66	1.15	11.56
		17	3.04	2.82	0.52	2.02	3.81	3.80	0.66	3.72	4.75	4.75	0.82	6.40	5.73	5.73	0.99	8.95	6.67	6.67	1.15	11.59
		19	-	-	-	-	4.96	3.59	0.85	6.96	5.42	4.62	0.93	8.14	6.02	5.66	1.04	9.74	6.73	6.66	1.16	11.78
		20	-	-	-	-	6.72	3.69	1.16	11.71	6.67	4.61	1.15	11.57	6.89	5.58	1.19	12.22	7.28	6.56	1.25	13.35
	6	15	2.50	2.50	0.36	1.16	3.48	3.48	0.50	1.82	4.36	4.36	0.63	3.31	5.27	5.27	0.75	5.35	6.24	6.24	0.89	7.52
		17	2.54	2.47	0.36	1.17	3.48	3.47	0.50	1.82	4.37	4.37	0.63	3.32	5.28	5.28	0.76	5.37	6.25	6.25	0.89	7.54
		19	-	-	-	-	4.04	3.20	0.58	2.70	4.65	4.23	0.67	3.94	5.39	5.25	0.77	5.62	6.26	6.26	0.90	7.56
		20	-	-	-	-	5.01	3.08	0.72	4.80	5.33	4.09	0.76	5.50	5.90	5.14	0.84	6.79	6.57	6.18	0.94	8.20

(Continued)

MKT3-V1200G12-CL																						
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
13	3	15	2.69	2.69	0.77	5.68	3.68	3.68	1.06	9.97	4.62	4.62	1.32	14.53	5.56	5.56	1.60	20.18	6.47	6.47	1.86	26.20
		17	2.72	2.68	0.78	5.82	3.68	3.68	1.06	9.99	4.63	4.63	1.32	14.57	5.57	5.57	1.60	20.23	6.48	6.48	1.86	26.27
		19	-	-	-	-	4.94	3.59	1.42	16.48	5.19	4.57	1.49	17.92	5.69	5.55	1.63	20.98	6.48	6.48	1.86	26.30
		20	-	-	-	-	6.58	3.63	1.89	26.81	6.53	4.55	1.87	26.50	6.57	5.48	1.88	26.77	6.87	6.44	1.96	28.71
	4	15	2.34	2.34	0.50	1.87	3.24	3.24	0.70	4.50	4.22	4.22	0.90	7.62	5.18	5.18	1.11	10.80	6.12	6.12	1.32	14.48
		17	2.34	2.33	0.50	1.86	3.25	3.25	0.70	4.52	4.23	4.23	0.91	7.64	5.19	5.19	1.11	10.83	6.13	6.13	1.32	14.52
		19	-	-	-	-	3.76	3.11	0.80	6.21	4.44	4.18	0.95	8.30	5.21	5.19	1.12	10.90	6.14	6.14	1.32	14.56
		20	-	-	-	-	5.18	3.13	1.11	10.77	5.30	4.10	1.14	11.22	5.72	5.10	1.23	12.78	6.31	6.11	1.36	15.24
	5	15	1.92	1.92	0.33	1.02	2.91	2.91	0.50	1.84	3.80	3.80	0.65	3.79	4.76	4.76	0.82	6.37	5.73	5.73	0.98	8.75
		17	1.92	1.92	0.33	1.02	2.91	2.91	0.50	1.84	3.81	3.81	0.65	3.80	4.77	4.77	0.82	6.39	5.74	5.74	0.98	8.78
		19	-	-	-	-	3.10	2.78	0.53	2.19	3.85	3.79	0.66	3.93	4.77	4.77	0.82	6.40	5.75	5.75	0.99	8.80
		20	-	-	-	-	3.68	2.60	0.63	3.51	4.26	3.65	0.73	5.05	5.00	4.71	0.86	6.93	5.79	5.74	0.99	8.91
	6	15	1.46	1.46	0.21	0.63	2.52	2.52	0.36	1.10	3.48	3.48	0.50	1.85	4.36	4.36	0.62	3.41	5.30	5.30	0.76	5.49
		17	1.46	1.46	0.21	0.63	2.52	2.52	0.36	1.10	3.48	3.48	0.50	1.85	4.37	4.37	0.63	3.42	5.31	5.31	0.76	5.51
		19	-	-	-	-	2.59	2.46	0.37	1.13	3.49	3.48	0.50	1.87	4.38	4.38	0.63	3.43	5.32	5.32	0.76	5.53
		20	-	-	-	-	2.94	2.29	0.42	1.31	3.69	3.35	0.53	2.16	4.44	4.34	0.64	3.57	5.32	5.32	0.76	5.53
15	3	15	1.75	1.75	0.50	1.87	2.69	2.69	0.77	5.66	3.68	3.68	1.05	9.70	4.63	4.63	1.33	14.55	5.55	5.55	1.60	19.86
		17	1.75	1.75	0.50	1.88	2.70	2.70	0.77	5.68	3.68	3.68	1.05	9.73	4.64	4.64	1.33	14.59	5.56	5.56	1.60	19.91
		19	-	-	-	-	2.78	2.67	0.79	6.03	3.68	3.67	1.05	9.72	4.65	4.65	1.34	14.63	5.57	5.57	1.60	19.97
		20	-	-	-	-	3.62	2.60	1.03	9.44	4.07	3.62	1.16	11.49	4.71	4.64	1.35	14.99	5.57	5.57	1.60	19.99
	4	15	1.34	1.34	0.29	0.86	2.33	2.33	0.50	1.89	3.25	3.25	0.70	4.58	4.24	4.24	0.91	7.56	5.20	5.20	1.12	10.79
		17	1.34	1.34	0.29	0.86	2.33	2.33	0.50	1.90	3.25	3.25	0.70	4.59	4.24	4.24	0.91	7.58	5.20	5.20	1.12	10.82
		19	-	-	-	-	2.34	2.33	0.50	1.91	3.26	3.26	0.70	4.61	4.25	4.25	0.91	7.60	5.21	5.21	1.12	10.85
		20	-	-	-	-	2.59	2.18	0.56	2.54	3.35	3.22	0.72	4.90	4.25	4.25	0.91	7.61	5.22	5.22	1.12	10.87
	5	15	0.84	0.84	0.15	0.42	1.95	1.95	0.34	0.99	2.91	2.91	0.50	1.94	3.82	3.82	0.66	4.01	4.79	4.79	0.83	6.42
		17	0.84	0.84	0.15	0.42	1.95	1.95	0.34	0.99	2.92	2.92	0.50	1.94	3.82	3.82	0.66	4.02	4.80	4.80	0.83	6.44
		19	-	-	-	-	1.95	1.95	0.34	0.99	2.92	2.92	0.50	1.95	3.83	3.83	0.66	4.04	4.81	4.81	0.83	6.46
		20	-	-	-	-	2.04	1.88	0.35	1.03	2.94	2.91	0.51	1.98	3.83	3.83	0.66	4.04	4.81	4.81	0.83	6.47
	6	15	-	-	-	-	1.49	1.49	0.21	0.62	2.54	2.54	0.36	1.06	3.49	3.49	0.50	1.94	4.38	4.38	0.63	3.59
		17	-	-	-	-	1.49	1.49	0.21	0.62	2.54	2.54	0.37	1.06	3.49	3.49	0.50	1.95	4.39	4.39	0.63	3.61
		19	-	-	-	-	1.49	1.49	0.21	0.62	2.55	2.55	0.37	1.07	3.49	3.49	0.50	1.95	4.39	4.39	0.63	3.62
		20	-	-	-	-	1.49	1.48	0.21	0.62	2.55	2.54	0.37	1.07	3.50	3.50	0.50	1.96	4.40	4.40	0.63	3.63

Abbreviations:

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

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

Heating Capacity Table

MKT3-V1200G12-CL													
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	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa
40	8	10.59	1.15	9.94	9.45	1.02	8.14	8.31	0.90	6.54	7.17	0.77	5.08
	10	9.90	0.85	6.05	8.73	0.75	4.88	7.54	0.65	3.81	6.32	0.55	2.82
	12	9.09	0.65	3.88	7.85	0.57	3.02	6.60	0.48	2.12	5.41	0.39	1.26
	14	8.12	0.50	2.36	6.90	0.43	1.58	5.73	0.35	0.95	4.44	0.27	0.60
	16	7.24	0.39	1.23	6.03	0.33	0.79	4.66	0.25	0.56	3.06	0.17	0.38
45	8	13.36	1.44	14.48	12.23	1.32	12.37	11.11	1.20	10.48	9.99	1.08	8.73
	10	12.75	1.10	9.09	11.61	1.00	7.74	10.47	0.90	6.48	9.32	0.80	5.32
	12	12.08	0.87	6.11	10.91	0.79	5.14	9.73	0.70	4.23	8.54	0.61	3.39
	14	11.30	0.70	4.21	10.09	0.62	3.48	8.84	0.55	2.78	7.57	0.47	2.07
	16	10.41	0.56	2.95	9.13	0.49	2.31	7.87	0.43	1.65	6.67	0.36	1.06
50	8	16.09	1.73	19.48	14.96	1.61	17.16	13.84	1.49	14.99	12.73	1.37	12.96
	10	15.55	1.34	12.55	14.41	1.25	11.01	13.28	1.15	9.55	12.15	1.05	8.20
	12	14.94	1.07	8.56	13.79	0.99	7.46	12.63	0.91	6.42	11.48	0.83	5.45
	14	14.27	0.88	6.11	13.10	0.81	5.27	11.92	0.73	4.49	10.73	0.66	3.76
	16	13.53	0.73	4.46	12.33	0.67	3.82	11.11	0.60	3.20	9.87	0.53	2.62
55	8	18.82	2.03	25.11	17.69	1.91	22.62	16.56	1.79	20.16	15.44	1.67	17.85
	10	18.31	1.58	16.26	17.16	1.48	14.54	16.03	1.39	12.96	14.90	1.29	11.42
	12	17.75	1.28	11.28	16.59	1.19	10.04	15.45	1.11	8.87	14.31	1.03	7.78
	14	17.15	1.06	8.20	15.99	0.99	7.27	14.83	0.92	6.39	13.67	0.84	5.56
	16	16.49	0.89	6.12	15.30	0.83	5.38	14.13	0.76	4.69	12.94	0.70	4.04
60	8	21.54	2.32	31.30	20.39	2.20	28.36	19.26	2.07	25.65	18.13	1.95	23.08
	10	21.06	1.82	20.44	19.90	1.72	18.53	18.76	1.62	16.72	17.63	1.52	15.00
	12	20.53	1.48	14.28	19.38	1.39	12.91	18.23	1.31	11.61	17.09	1.23	10.38
	14	19.97	1.23	10.42	18.81	1.16	9.39	17.65	1.09	8.41	16.50	1.02	7.49
	16	19.37	1.05	7.90	18.20	0.98	7.09	17.03	0.92	6.33	15.87	0.86	5.60

Abbreviations:

Δt: Temperature Difference. (℃) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m^3/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

MKT3-V1400G12-CL																							
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	9.44	7.22	2.70	57.57	9.39	8.27	2.69	57.13	9.65	9.34	2.76	59.85	10.40	10.40	2.98	68.30	11.42	11.42	3.28	80.47	
		17	12.55	7.26	3.61	94.90	12.48	8.30	3.59	93.97	12.42	9.34	3.58	93.73	12.37	10.38	3.58	93.61	12.35	11.40	3.57	93.41	
		19	-	-	-	-	15.84	8.35	4.59	144.65	15.76	9.39	4.58	143.92	15.65	10.40	4.53	141.23	15.57	11.43	4.50	139.39	
		20	-	-	-	-	17.58	8.35	5.07	171.90	17.48	9.39	5.04	170.29	17.40	10.43	5.02	168.71	17.30	11.44	4.99	167.20	
	4	15	8.26	6.68	1.77	27.72	8.47	7.78	1.82	28.93	9.01	8.89	1.93	32.25	9.95	9.95	2.14	38.26	10.98	10.98	2.36	45.37	
		17	11.47	6.75	2.46	48.83	11.40	7.80	2.45	48.35	11.34	8.84	2.43	47.89	11.31	9.88	2.43	47.69	11.54	10.94	2.48	49.38	
		19	-	-	-	-	14.79	7.86	3.20	76.73	14.71	8.90	3.18	76.00	14.63	9.93	3.16	75.30	14.55	10.95	3.15	74.60	
		20	-	-	-	-	16.55	7.87	3.57	92.67	16.48	8.92	3.57	92.73	16.39	9.96	3.55	91.88	16.30	10.98	3.53	91.02	
	5	15	7.10	6.11	1.22	14.58	7.66	7.29	1.32	16.72	8.45	8.42	1.46	19.77	9.48	9.48	1.63	23.88	10.53	10.53	1.82	28.84	
		17	10.25	6.20	1.76	27.25	10.18	7.25	1.75	26.97	10.14	8.30	1.74	26.79	10.36	9.38	1.78	27.78	10.84	10.49	1.87	30.30	
		19	-	-	-	-	13.64	7.34	2.34	44.62	13.56	8.39	2.33	44.20	13.49	9.42	2.32	43.78	13.41	10.44	2.30	43.36	
		20	-	-	-	-	15.44	7.37	2.65	55.33	15.36	8.42	2.64	54.82	15.27	9.45	2.63	54.31	15.19	10.48	2.61	53.80	
	6	15	6.09	5.55	0.87	7.70	6.88	6.75	0.99	10.06	7.90	7.90	1.13	12.88	8.99	8.99	1.29	16.03	10.04	10.04	1.44	19.24	
		17	8.88	5.61	1.27	15.68	8.83	6.67	1.27	15.51	9.04	7.77	1.30	16.16	9.50	8.89	1.36	17.50	10.19	10.02	1.46	19.72	
		19	-	-	-	-	12.39	6.79	1.77	27.50	12.32	7.84	1.76	27.23	12.25	8.88	1.75	26.96	12.21	9.91	1.75	26.81	
		20	-	-	-	-	14.26	6.85	2.05	35.24	14.18	7.90	2.04	34.91	14.10	8.94	2.03	34.58	14.02	9.97	2.01	34.25	
7	3	15	7.13	6.15	2.06	35.47	7.49	7.26	2.17	38.70	8.33	8.33	2.39	45.96	9.38	9.38	2.71	56.78	10.40	10.40	3.00	68.08	
		17	10.24	6.19	2.96	66.17	10.17	7.24	2.93	65.28	10.10	8.28	2.91	64.33	10.15	9.33	2.93	65.01	10.55	10.40	3.06	70.28	
		19	-	-	-	-	13.51	7.27	3.90	107.12	13.44	8.32	3.88	106.09	13.36	9.35	3.86	105.01	13.29	10.37	3.84	103.98	
		20	-	-	-	-	15.30	7.30	4.45	134.72	15.22	8.35	4.44	134.12	15.14	9.38	4.41	132.82	15.04	10.40	4.36	129.78	
	4	15	6.15	5.64	1.32	16.53	6.86	6.79	1.47	19.93	7.87	7.87	1.69	25.26	8.93	8.93	1.93	31.68	9.96	9.96	2.14	37.85	
		17	9.05	5.67	1.96	32.36	8.99	6.73	1.95	32.02	9.02	7.79	1.95	32.20	9.37	8.89	2.03	34.36	10.00	9.97	2.15	38.15	
		19	-	-	-	-	12.40	6.79	2.68	55.66	12.34	7.84	2.67	55.33	12.27	8.87	2.66	54.79	12.19	9.90	2.64	54.21	
		20	-	-	-	-	14.19	6.82	3.07	70.41	14.12	7.87	3.05	69.74	14.03	8.90	3.03	68.93	13.94	9.92	3.01	67.82	
	5	15	5.28	5.10	0.91	8.57	6.28	6.28	1.08	11.69	7.38	7.38	1.27	15.44	8.45	8.45	1.45	19.39	9.50	9.50	1.64	23.71	
		17	7.65	5.08	1.32	16.38	7.67	6.16	1.32	16.46	8.04	7.28	1.38	17.76	8.66	8.42	1.49	20.19	9.52	9.51	1.64	23.75	
		19	-	-	-	-	11.17	6.27	1.93	31.48	11.11	7.32	1.92	31.16	11.11	8.41	2.02	33.00	11.08	9.41	1.91	31.02	
		20	-	-	-	-	12.97	6.30	2.23	40.42	12.90	7.35	2.22	40.03	12.82	8.39	2.21	39.64	12.75	9.42	2.20	39.25	
	6	15	4.74	4.68	0.68	4.18	5.72	5.72	0.82	6.79	6.84	6.84	0.98	9.86	7.94	7.94	1.14	12.75	9.02	9.02	1.29	15.84	
		17	5.96	4.39	0.85	7.50	6.44	5.57	0.92	8.81	7.16	6.77	1.03	10.67	8.02	7.94	1.15	12.94	9.03	9.03	1.30	15.87	
		19	-	-	-	-	9.75	5.69	1.40	18.05	9.68	6.73	1.39	17.83	9.73	7.80	1.40	17.99	10.05	8.91	1.44	19.06	
		20	-	-	-	-	11.67	5.76	1.68	24.64	11.60	6.82	1.67	24.39	11.53	7.86	1.66	24.14	11.47	8.89	1.65	23.94	

(Continued)

MKT3-V1400G12-CL																						
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
9	3	15	5.22	5.14	1.50	20.26	6.24	6.24	1.80	27.82	7.29	7.29	2.09	35.93	8.34	8.34	2.42	45.98	9.36	9.36	2.70	55.55
		17	7.70	5.10	2.21	39.47	7.64	6.15	2.20	38.95	7.83	7.24	2.25	40.68	8.40	8.35	2.43	46.57	9.38	9.38	2.70	55.68
		19	-	-	-	-	11.06	6.21	3.21	75.17	10.99	7.26	3.19	74.39	10.93	8.30	3.17	73.61	10.84	9.32	3.13	71.72
		20	-	-	-	-	12.81	6.22	3.70	96.18	12.73	7.27	3.68	95.19	12.66	8.31	3.66	94.27	12.60	9.35	3.66	94.31
	4	15	4.62	4.62	0.99	10.04	5.74	5.74	1.24	14.50	6.83	6.83	1.47	19.59	7.90	7.90	1.71	25.24	8.93	8.93	1.92	30.92
		17	6.30	4.53	1.36	17.02	6.52	5.65	1.41	18.07	7.07	6.79	1.53	20.80	7.90	7.90	1.71	25.30	8.94	8.94	1.93	31.00
		19	-	-	-	-	9.79	5.70	2.11	36.20	9.73	6.75	2.10	35.81	9.68	7.79	2.08	35.46	9.86	8.86	2.12	36.63
		20	-	-	-	-	11.61	5.73	2.50	48.62	11.54	6.78	2.49	48.12	11.47	7.83	2.47	47.63	11.40	8.86	2.46	47.11
	5	15	4.10	4.10	0.71	4.73	5.20	5.20	0.89	8.29	6.32	6.32	1.09	11.65	7.42	7.42	1.28	15.34	8.48	8.48	1.46	19.20
		17	4.82	3.91	0.83	7.12	5.53	5.12	0.95	9.28	6.40	6.31	1.10	11.88	7.42	7.42	1.28	15.35	8.49	8.49	1.46	19.24
		19	-	-	-	-	8.38	5.14	1.44	18.77	8.32	6.19	1.43	18.55	8.54	7.29	1.47	19.42	9.01	8.41	1.55	21.30
		20	-	-	-	-	10.26	5.20	1.77	26.63	10.20	6.25	1.76	26.33	10.13	7.30	1.75	26.02	10.17	8.36	1.75	26.19
	6	15	3.72	3.72	0.53	2.26	4.71	4.71	0.68	4.24	5.77	5.77	0.83	7.07	6.90	6.90	0.99	9.87	7.99	7.99	1.15	12.68
		17	4.05	3.51	0.58	2.83	4.81	4.65	0.69	4.51	5.78	5.78	0.83	7.09	6.91	6.91	0.99	9.89	8.00	8.00	1.15	12.70
		19	-	-	-	-	6.62	4.47	0.95	9.18	6.94	5.62	1.00	9.96	7.54	6.79	1.08	11.45	8.26	7.95	1.19	13.41
		20	-	-	-	-	8.72	4.61	1.25	14.65	8.65	5.66	1.24	14.45	8.71	6.74	1.25	14.65	9.08	7.86	1.30	15.72
11	3	15	4.07	4.07	1.16	12.89	5.17	5.17	1.47	19.37	6.24	6.24	1.78	26.82	7.30	7.30	2.09	35.29	8.33	8.33	2.38	44.15
		17	4.94	3.98	1.41	17.89	5.42	5.13	1.55	20.99	6.24	6.24	1.78	26.84	7.31	7.31	2.09	35.37	8.34	8.34	2.38	44.26
		19	-	-	-	-	8.34	5.12	2.38	44.18	8.28	6.17	2.37	43.63	8.32	7.23	2.38	43.98	8.67	8.32	2.48	47.34
		20	-	-	-	-	10.14	5.14	2.90	62.17	10.08	6.20	2.88	61.49	10.02	7.24	2.87	60.81	9.95	8.28	2.85	60.14
	4	15	3.52	3.52	0.75	5.74	4.66	4.66	1.00	9.93	5.77	5.77	1.24	14.27	6.84	6.84	1.47	19.12	7.90	7.90	1.69	24.46
		17	3.79	3.43	0.81	6.84	4.71	4.65	1.01	10.12	5.78	5.77	1.24	14.30	6.85	6.85	1.47	19.16	7.91	7.91	1.70	24.51
		19	-	-	-	-	6.90	4.57	1.48	19.35	6.97	5.65	1.49	19.69	7.39	6.78	1.58	21.77	8.04	7.90	1.72	25.21
		20	-	-	-	-	8.80	4.63	1.89	29.47	8.74	5.69	1.88	29.11	8.69	6.74	1.86	28.80	8.90	7.82	1.91	30.06
	5	15	3.12	3.12	0.54	2.35	4.13	4.13	0.71	5.00	5.25	5.25	0.90	8.37	6.37	6.37	1.10	11.61	7.45	7.45	1.28	15.17
		17	3.20	3.06	0.55	2.52	4.13	4.13	0.71	5.01	5.26	5.26	0.91	8.39	6.38	6.38	1.10	11.64	7.46	7.46	1.29	15.21
		19	-	-	-	-	5.28	3.96	0.91	8.42	5.86	5.15	1.01	10.08	6.61	6.33	1.14	12.37	7.49	7.46	1.29	15.31
		20	-	-	-	-	7.19	4.04	1.23	14.15	7.15	5.11	1.23	14.00	7.48	6.24	1.29	15.24	8.01	7.38	1.38	17.15
	6	15	2.66	2.66	0.38	1.33	3.74	3.74	0.54	2.36	4.74	4.74	0.68	4.48	5.82	5.82	0.83	7.18	6.94	6.94	0.99	9.77
		17	2.68	2.65	0.38	1.34	3.74	3.74	0.54	2.36	4.74	4.74	0.68	4.49	5.83	5.83	0.83	7.19	6.95	6.95	0.99	9.79
		19	-	-	-	-	4.20	3.48	0.60	3.25	4.95	4.64	0.71	5.04	5.89	5.82	0.84	7.34	6.96	6.95	1.00	9.81
		20	-	-	-	-	5.15	3.32	0.74	5.53	5.64	4.50	0.81	6.74	6.38	5.72	0.91	8.45	7.20	6.90	1.03	10.39

(Continued)

MKT3-V1400G12-CL																					
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
13	3	15	2.97	2.97	0.85	7.49	4.09	4.09	1.17	12.77	5.19	5.19	1.49	19.43	6.25	6.25	1.79	26.61	7.29	7.29	2.08	34.57
		17	2.98	2.97	0.86	7.55	4.09	4.09	1.17	12.80	5.19	5.19	1.49	19.48	6.25	6.25	1.79	26.66	7.30	7.30	2.09	34.65
		19	-	-	-	-	5.36	4.01	1.54	20.57	5.69	5.13	1.64	22.78	6.33	6.25	1.81	27.09	7.31	7.31	2.09	34.74
		20	-	-	-	-	7.20	4.04	2.06	33.82	7.14	5.10	2.04	33.33	7.22	6.17	2.07	33.99	7.64	7.27	2.18	37.46
	4	15	2.51	2.51	0.54	2.44	3.54	3.54	0.76	5.96	4.69	4.69	1.00	9.88	5.79	5.79	1.24	14.14	6.86	6.86	1.48	19.11
		17	2.50	2.50	0.54	2.43	3.55	3.55	0.76	5.98	4.69	4.69	1.01	9.90	5.80	5.80	1.25	14.34	6.87	6.87	1.48	19.15
		19	-	-	-	-	4.03	3.45	0.86	7.63	4.86	4.66	1.04	10.48	5.81	5.81	1.25	14.37	6.88	6.88	1.48	19.20
		20	-	-	-	-	5.55	3.46	1.19	13.15	5.72	4.57	1.23	13.84	6.28	5.73	1.35	16.39	7.00	6.86	1.51	19.75
	5	15	2.04	2.04	0.35	1.17	3.12	3.12	0.53	2.41	4.15	4.15	0.71	5.14	5.28	5.28	0.91	8.27	6.39	6.39	1.10	11.41
		17	2.04	2.04	0.35	1.18	3.12	3.12	0.54	2.41	4.15	4.15	0.71	5.16	5.29	5.29	0.91	8.29	6.39	6.39	1.10	11.44
		19	-	-	-	-	3.25	3.02	0.56	2.71	4.17	4.15	0.72	5.21	5.30	5.29	0.91	8.30	6.40	6.40	1.10	11.47
		20	-	-	-	-	3.80	2.83	0.65	4.15	4.55	4.04	0.78	6.33	5.46	5.25	0.94	8.74	6.42	6.41	1.10	11.52
	6	15	1.51	1.51	0.22	0.71	2.68	2.68	0.38	1.27	3.74	3.74	0.53	2.43	4.75	4.75	0.68	4.63	5.87	5.87	0.84	7.24
		17	1.51	1.51	0.22	0.71	2.69	2.69	0.38	1.27	3.74	3.74	0.53	2.43	4.76	4.76	0.68	4.64	5.88	5.88	0.84	7.26
		19	-	-	-	-	2.72	2.66	0.39	1.29	3.74	3.73	0.54	2.44	4.76	4.76	0.68	4.66	5.89	5.89	0.84	7.27
		20	-	-	-	-	3.03	2.49	0.43	1.49	3.88	3.64	0.55	2.70	4.79	4.76	0.69	4.72	5.89	5.89	0.84	7.28
15	3	15	1.88	1.88	0.54	2.46	2.98	2.98	0.85	7.35	4.10	4.10	1.17	12.66	5.19	5.19	1.49	19.19	6.24	6.24	1.78	26.04
		17	1.88	1.88	0.54	2.47	2.98	2.98	0.85	7.37	4.11	4.11	1.17	12.69	5.20	5.20	1.49	19.23	6.25	6.25	1.79	26.10
		19	-	-	-	-	3.04	2.97	0.87	7.60	4.11	4.10	1.17	12.68	5.21	5.21	1.50	19.28	6.26	6.26	1.79	26.16
		20	-	-	-	-	3.87	2.88	1.11	11.47	4.45	4.06	1.28	14.75	5.24	5.20	1.51	19.51	6.26	6.26	1.79	26.20
	4	15	1.42	1.42	0.30	0.98	2.50	2.50	0.54	2.49	3.58	3.58	0.77	6.11	4.72	4.72	1.02	9.95	5.81	5.81	1.25	14.16
		17	1.42	1.42	0.30	0.98	2.50	2.50	0.54	2.50	3.58	3.58	0.77	6.12	4.73	4.73	1.02	9.97	5.82	5.82	1.25	14.20
		19	-	-	-	-	2.50	2.49	0.54	2.49	3.59	3.59	0.77	6.14	4.74	4.74	1.02	9.99	5.83	5.83	1.26	14.23
		20	-	-	-	-	2.71	2.38	0.58	3.10	3.64	3.57	0.78	6.33	4.73	4.72	1.02	9.98	5.83	5.83	1.26	14.25
	5	15	0.85	0.85	0.15	0.46	2.07	2.07	0.36	1.14	3.13	3.13	0.54	2.56	4.19	4.19	0.72	5.40	5.33	5.33	0.92	8.32
		17	0.85	0.85	0.15	0.47	2.08	2.08	0.36	1.14	3.13	3.13	0.54	2.57	4.19	4.19	0.72	5.42	5.33	5.33	0.92	8.34
		19	-	-	-	-	2.08	2.08	0.36	1.14	3.14	3.14	0.54	2.57	4.20	4.20	0.72	5.43	5.34	5.34	0.92	8.36
		20	-	-	-	-	2.13	2.03	0.37	1.17	3.14	3.14	0.54	2.58	4.20	4.20	0.72	5.44	5.35	5.35	0.92	8.37
	6	15	-	-	-	-	1.54	1.54	0.22	0.69	2.72	2.72	0.39	1.25	3.75	3.75	0.54	2.57	4.79	4.79	0.69	4.87
		17	-	-	-	-	1.54	1.54	0.22	0.69	2.72	2.72	0.39	1.25	3.75	3.75	0.54	2.58	4.80	4.80	0.69	4.88
		19	-	-	-	-	1.55	1.55	0.22	0.69	2.72	2.72	0.39	1.25	3.75	3.75	0.54	2.58	4.80	4.80	0.69	4.90
		20	-	-	-	-	1.54	1.54	0.22	0.69	2.72	2.72	0.39	1.25	3.76	3.76	0.54	2.59	4.81	4.81	0.69	4.90

Abbreviations:

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

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

Heating Capacity Table

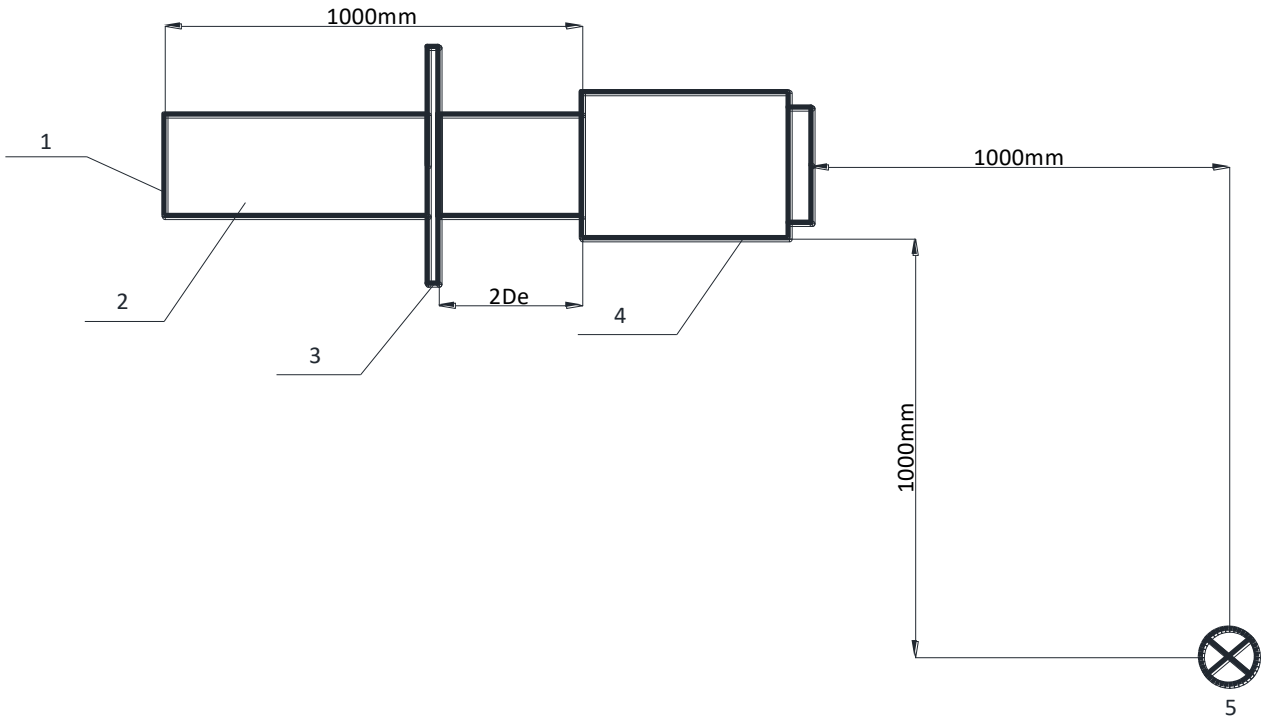
MKT3-V1400G12-CL													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa	kW	m^3/h	kPa
40	8	10.82	1.17	11.20	9.61	1.04	9.13	8.38	0.90	7.19	7.15	0.77	5.49
	10	9.90	0.85	6.57	8.64	0.75	5.22	7.37	0.64	3.98	6.05	0.52	2.83
	12	8.86	0.64	4.03	7.52	0.54	3.04	6.22	0.45	1.99	5.05	0.36	1.13
	14	7.67	0.47	2.24	6.46	0.40	1.42	5.28	0.33	0.85	3.93	0.24	0.57
	16	6.73	0.36	1.10	5.47	0.30	0.73	4.07	0.22	0.54	2.49	0.13	0.33
45	8	13.84	1.49	16.64	12.64	1.37	14.28	11.43	1.23	11.94	10.22	1.10	9.86
	10	13.01	1.12	10.23	11.79	1.02	8.64	10.57	0.91	7.15	9.33	0.81	5.79
	12	12.13	0.87	6.69	10.87	0.78	5.55	9.61	0.69	4.50	8.32	0.60	3.53
	14	11.12	0.69	4.45	9.81	0.60	3.60	8.48	0.52	2.80	7.14	0.44	1.97
	16	9.98	0.54	2.97	8.63	0.47	2.22	7.37	0.40	1.50	6.18	0.33	0.94
50	8	16.85	1.82	23.00	15.62	1.68	20.08	14.41	1.55	17.47	13.21	1.42	15.02
	10	16.07	1.39	14.44	14.85	1.28	12.60	13.64	1.18	10.87	12.42	1.07	9.26
	12	15.24	1.10	9.63	14.01	1.01	8.33	12.78	0.92	7.11	11.54	0.83	5.98
	14	14.36	0.89	6.71	13.11	0.81	5.74	11.85	0.73	4.83	10.57	0.65	3.98
	16	13.40	0.72	4.77	12.12	0.65	4.03	10.81	0.58	3.33	9.47	0.51	2.66
55	8	19.82	2.14	29.84	18.60	2.00	26.70	17.39	1.87	23.73	16.19	1.75	21.05
	10	19.09	1.65	19.00	17.86	1.54	16.93	16.64	1.44	14.97	15.44	1.33	13.16
	12	18.31	1.32	12.94	17.08	1.23	11.47	15.86	1.14	10.08	14.63	1.05	8.78
	14	17.50	1.08	9.23	16.26	1.00	8.13	15.02	0.93	7.10	13.78	0.85	6.12
	16	16.63	0.90	6.75	15.38	0.83	5.90	14.11	0.76	5.08	12.84	0.69	4.33
60	8	22.81	2.46	37.57	21.57	2.33	34.07	20.35	2.19	30.76	19.14	2.06	27.55
	10	22.10	1.91	24.16	20.87	1.80	21.86	19.64	1.70	19.67	18.43	1.59	17.60
	12	21.36	1.54	16.62	20.13	1.45	14.98	18.90	1.36	13.43	17.67	1.27	11.96
	14	20.58	1.27	11.93	19.34	1.19	10.71	18.11	1.12	9.56	16.88	1.04	8.47
	16	19.77	1.07	8.90	18.53	1.00	7.95	17.28	0.93	7.05	16.04	0.87	6.21

Abbreviations:

Δt: Temperature Difference. (℃) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m^3/h) **WPD:** Water Pressure Drop. (kPa)

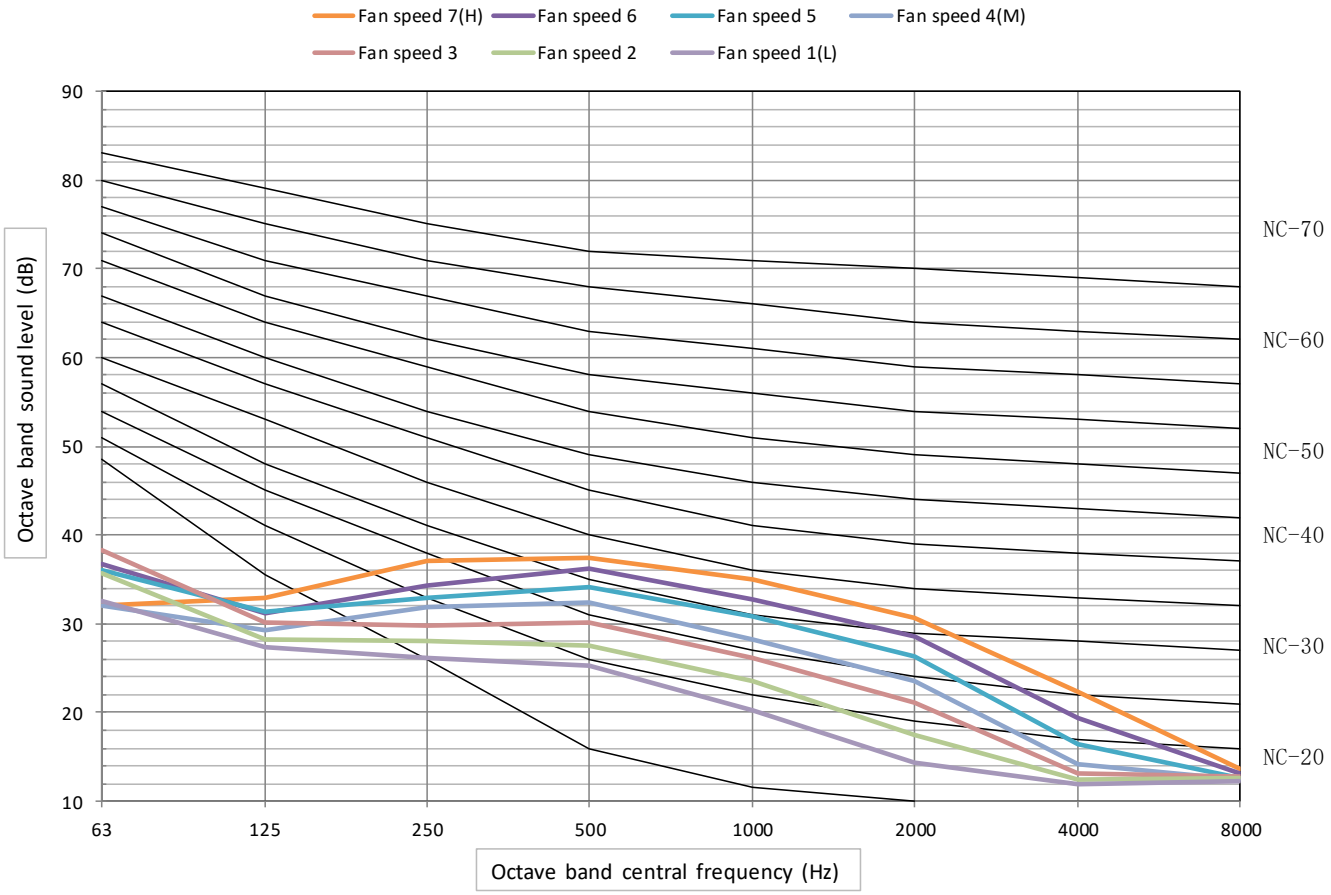
4 Octave Band Levels

Test condition

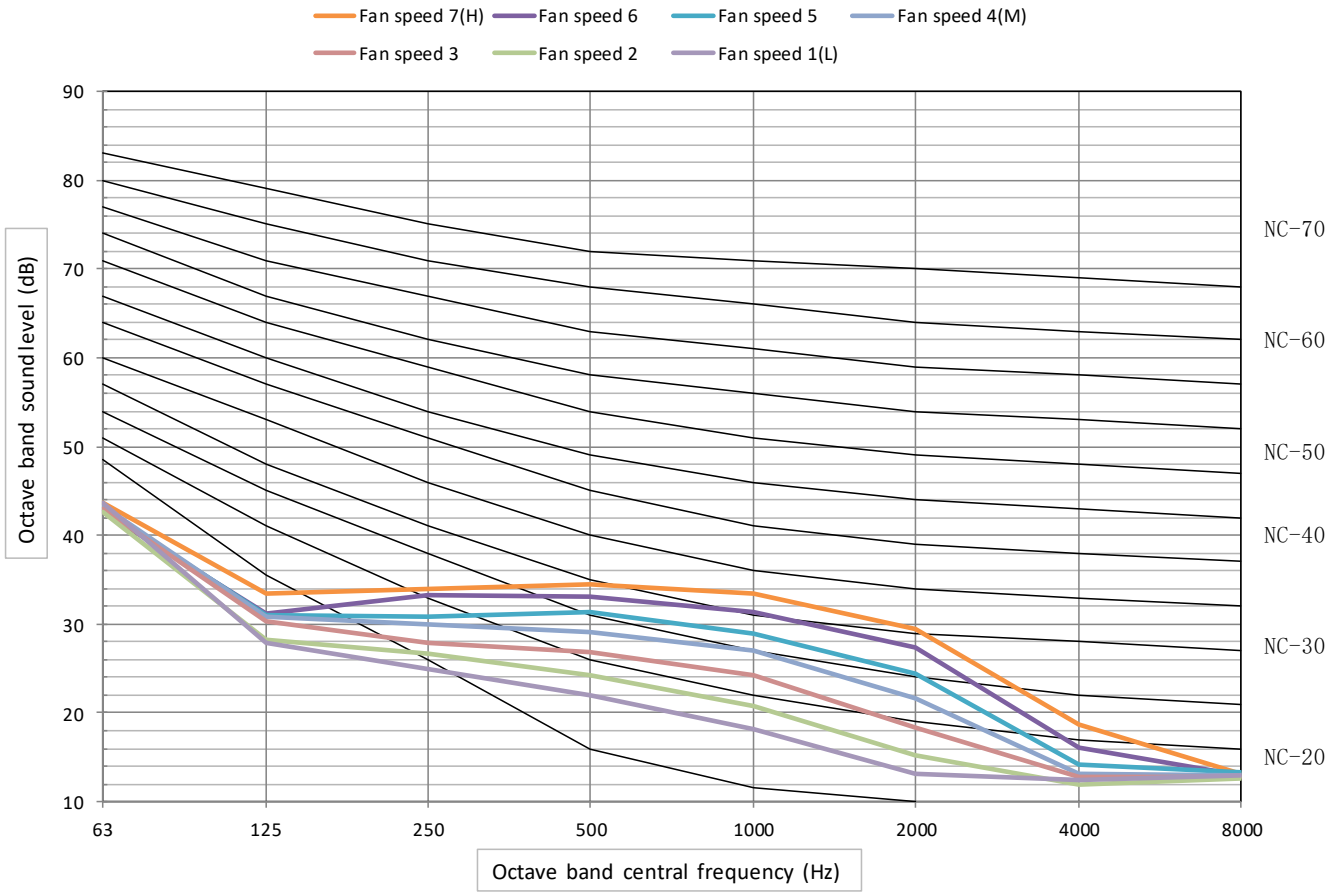


1-Damping net 2-Duct 3-Static pressure loop 4-Test unit D_e-Equivalent diameter of air return of the unit

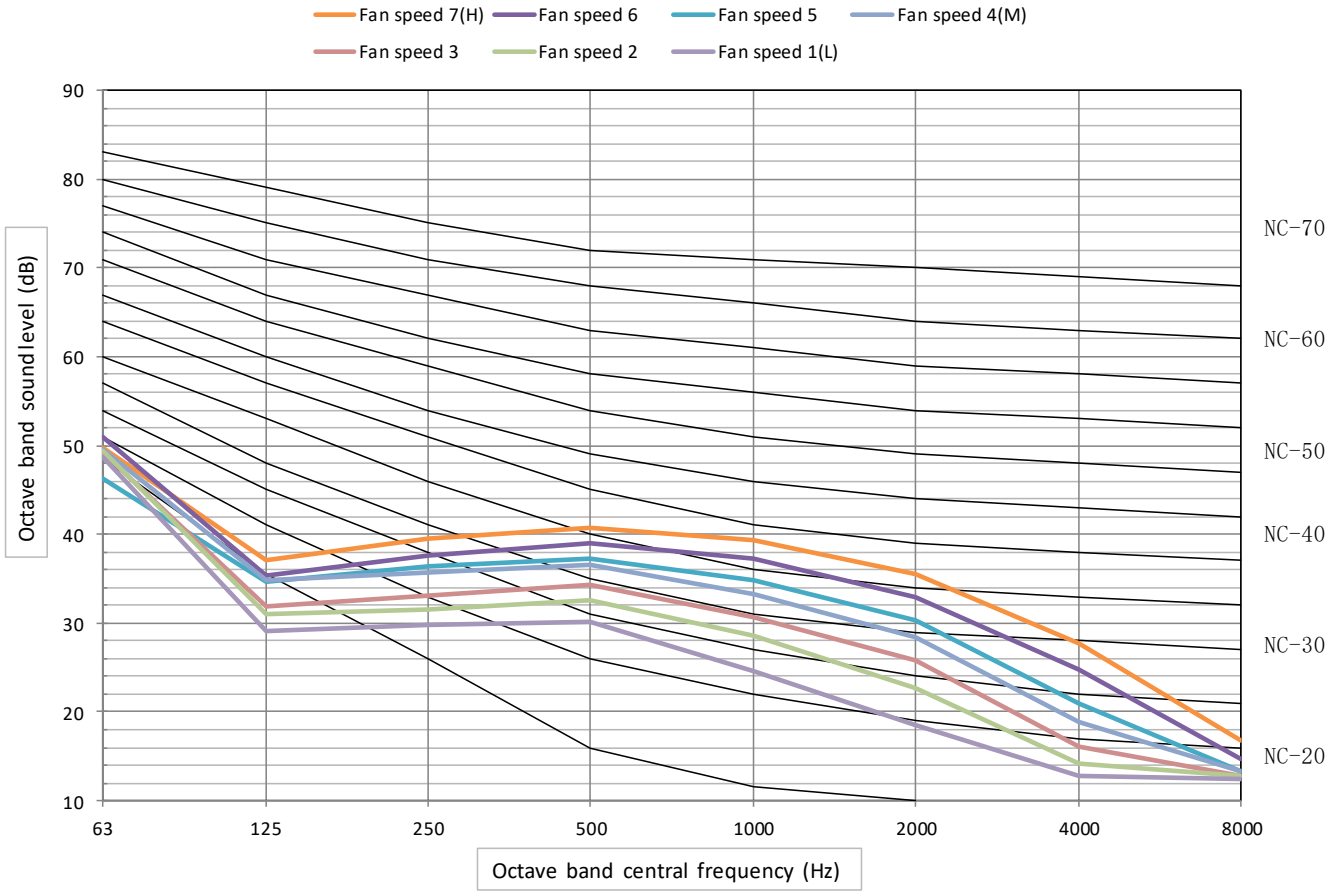
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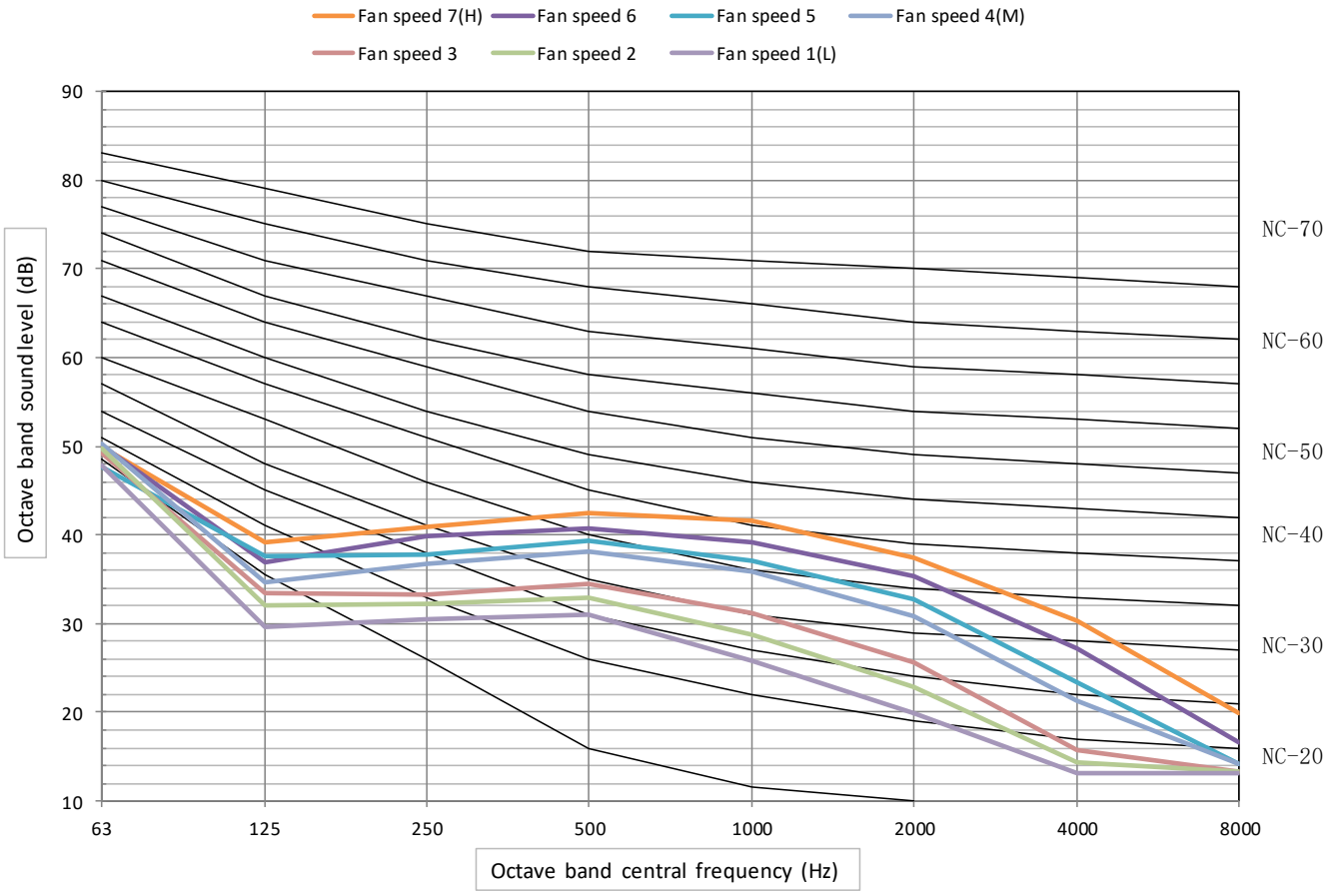
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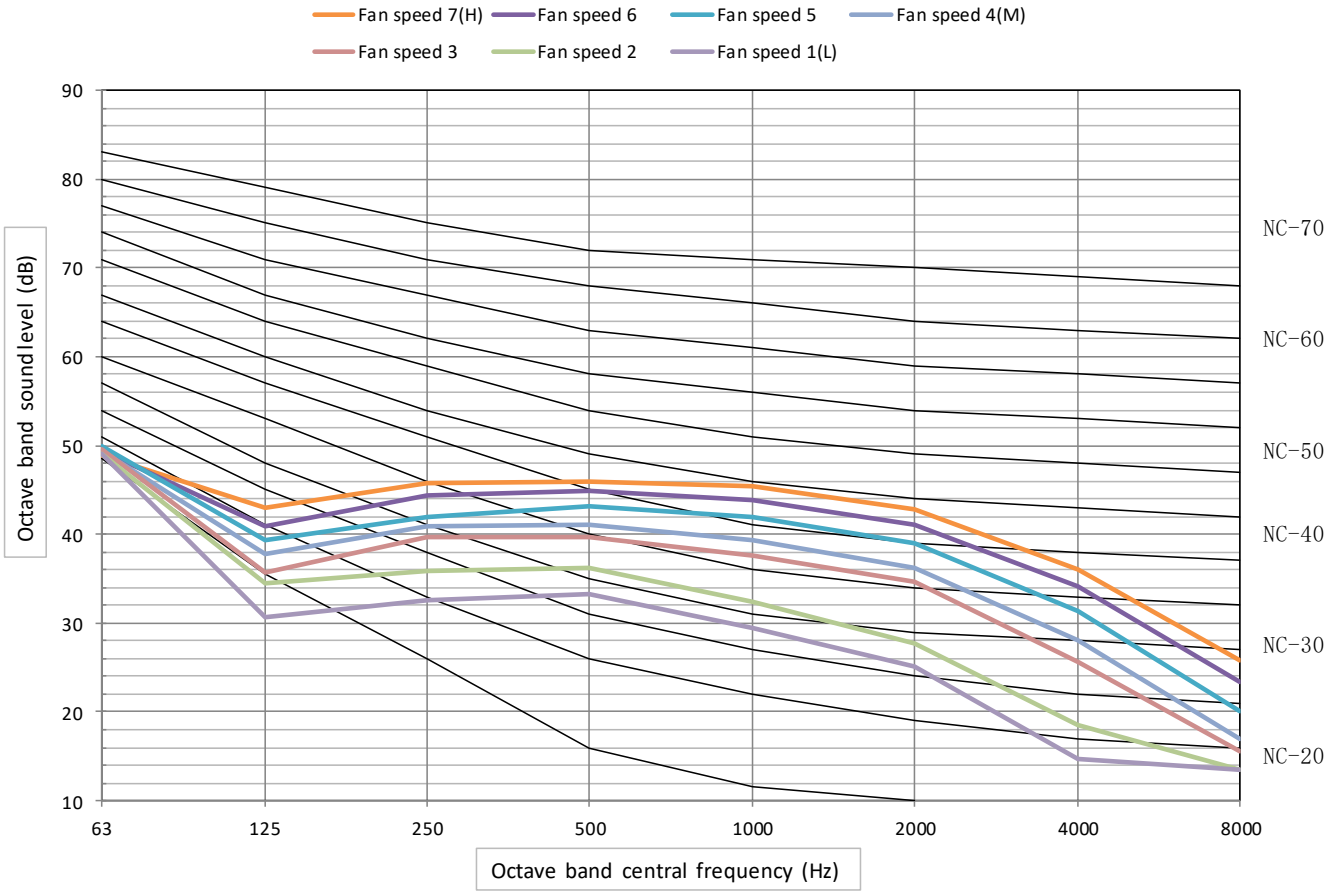
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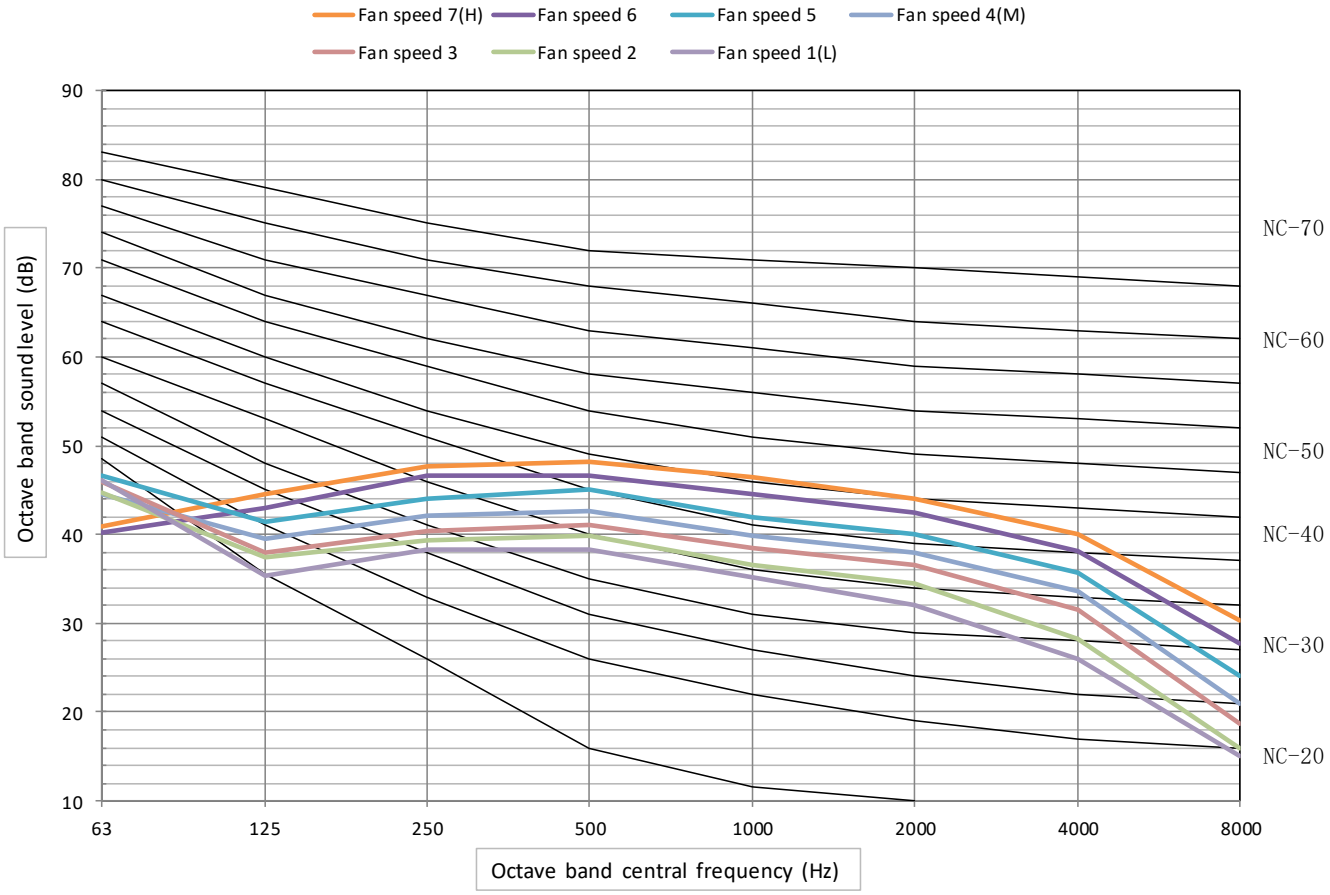
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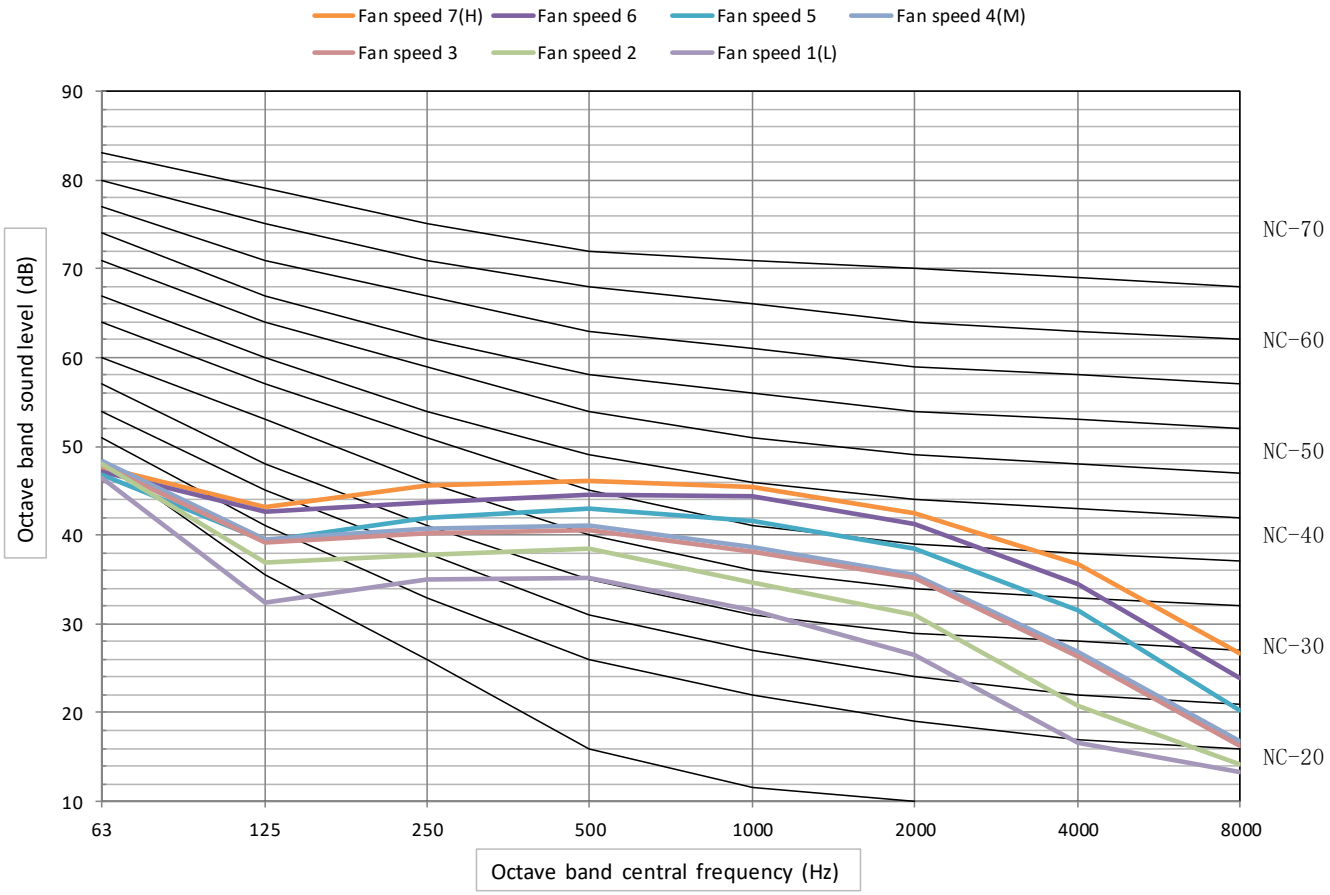
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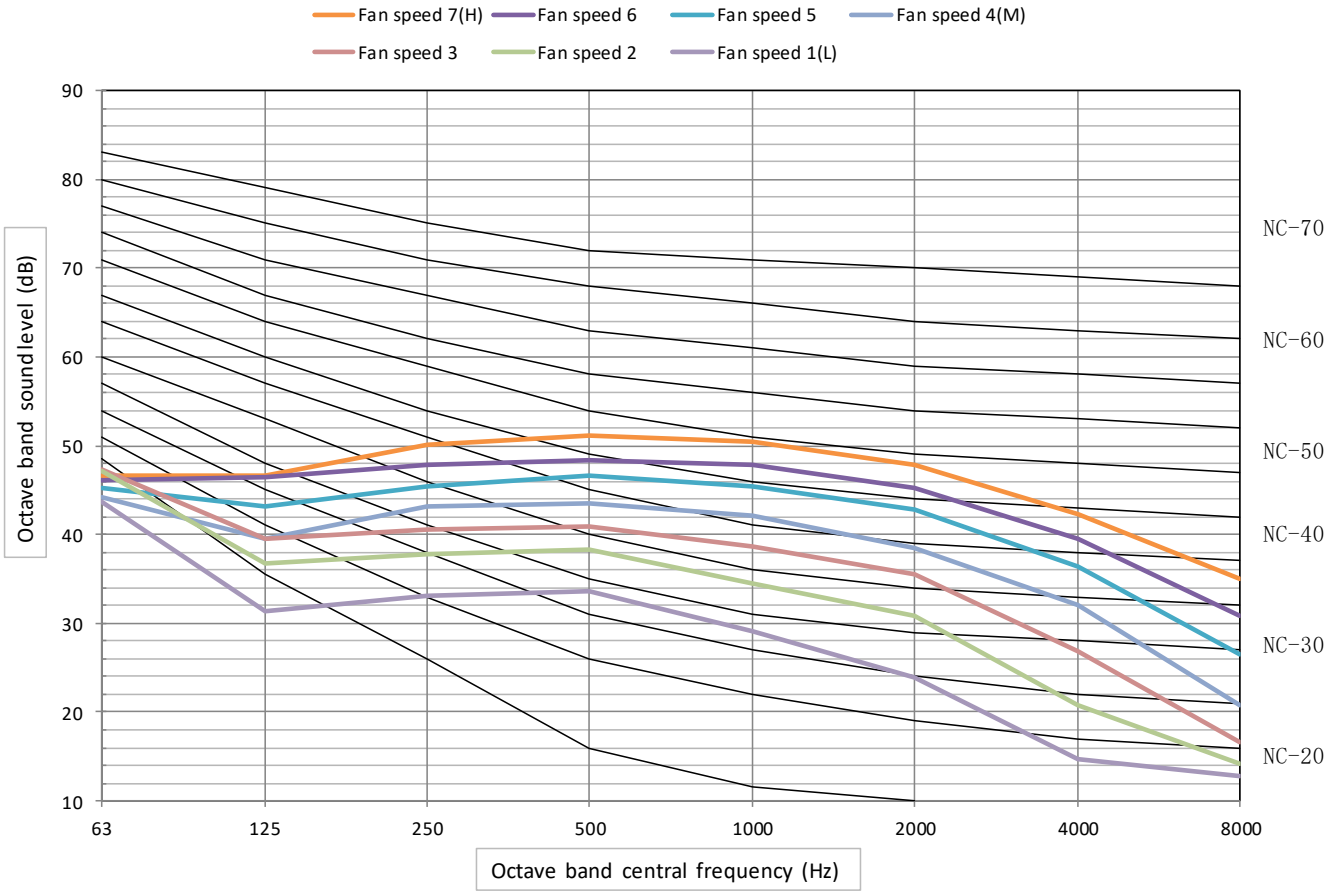
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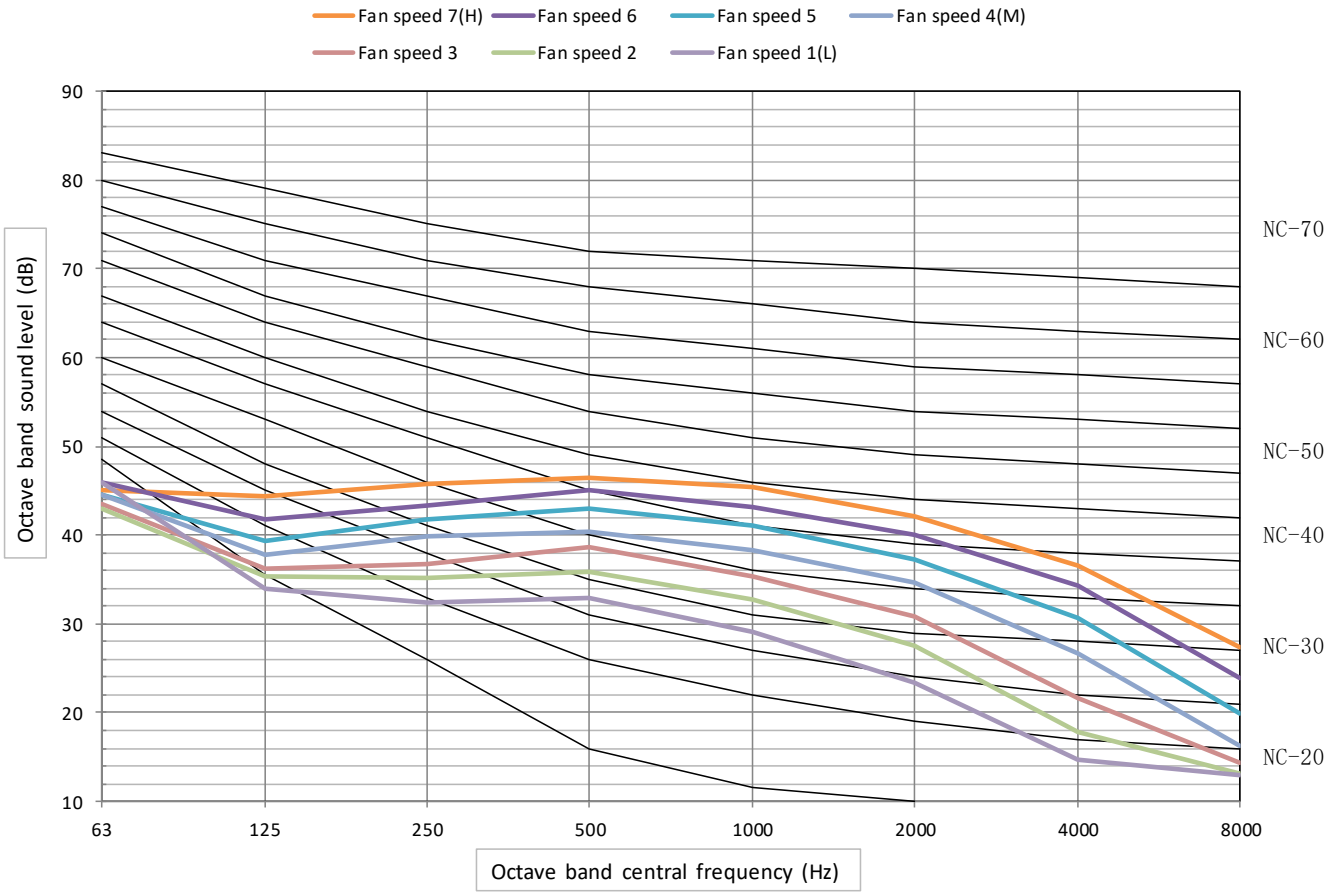
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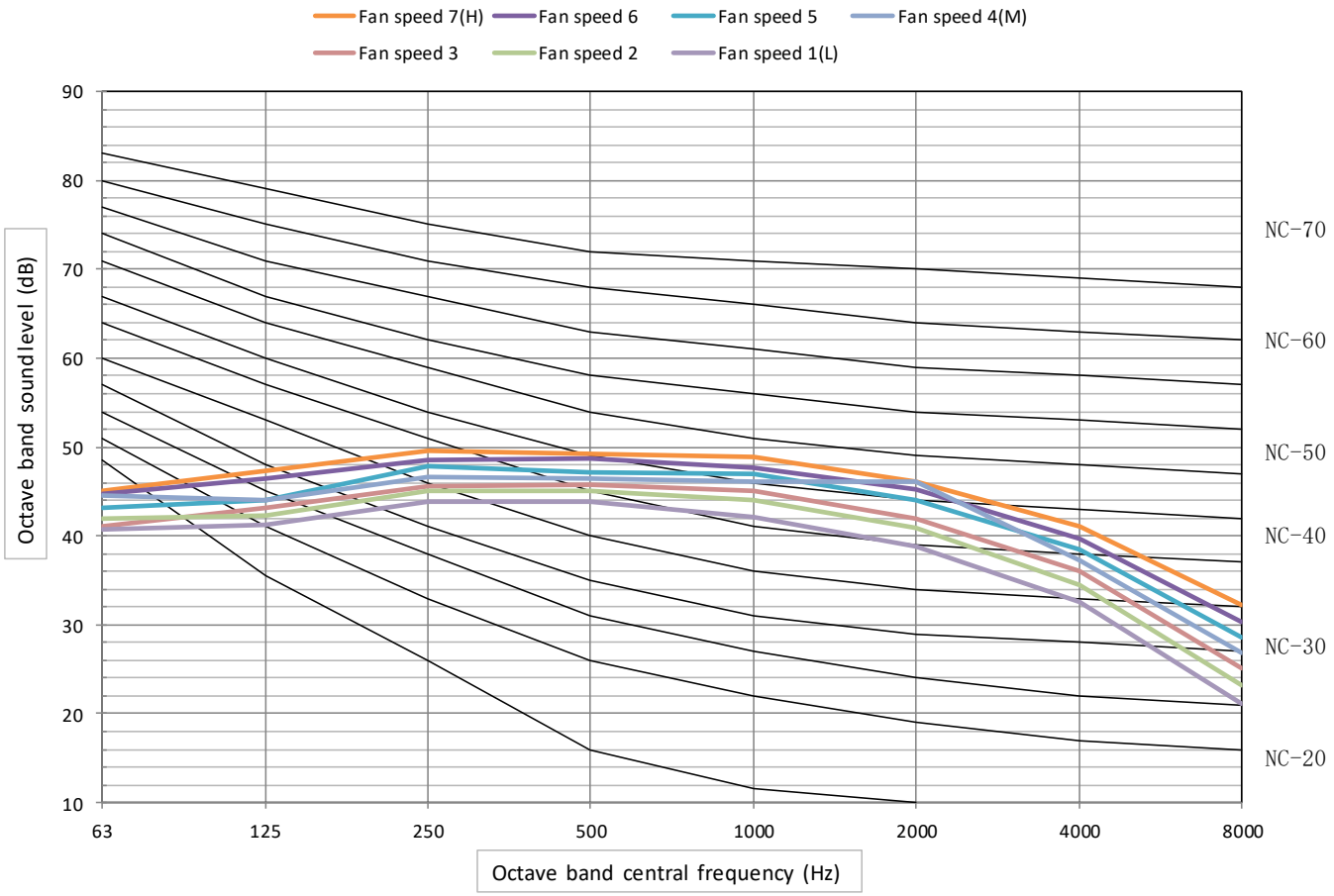
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MKT3-V1200G12-CL



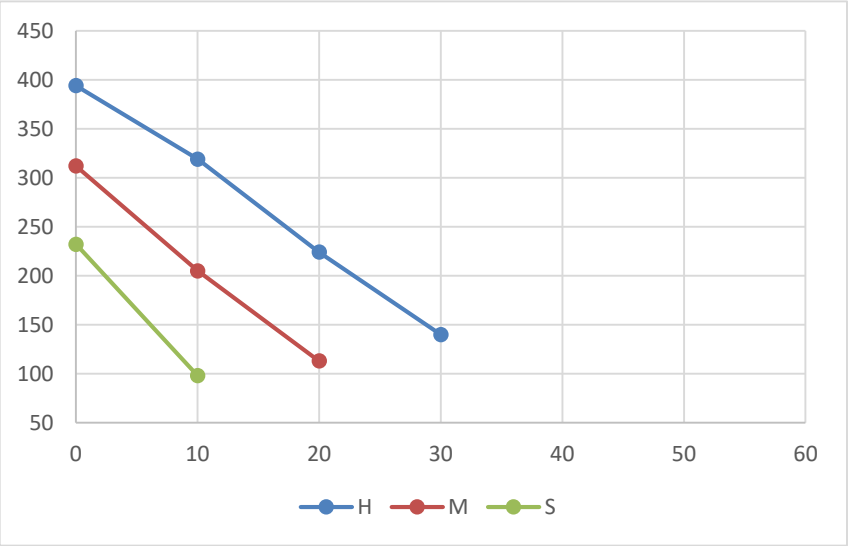
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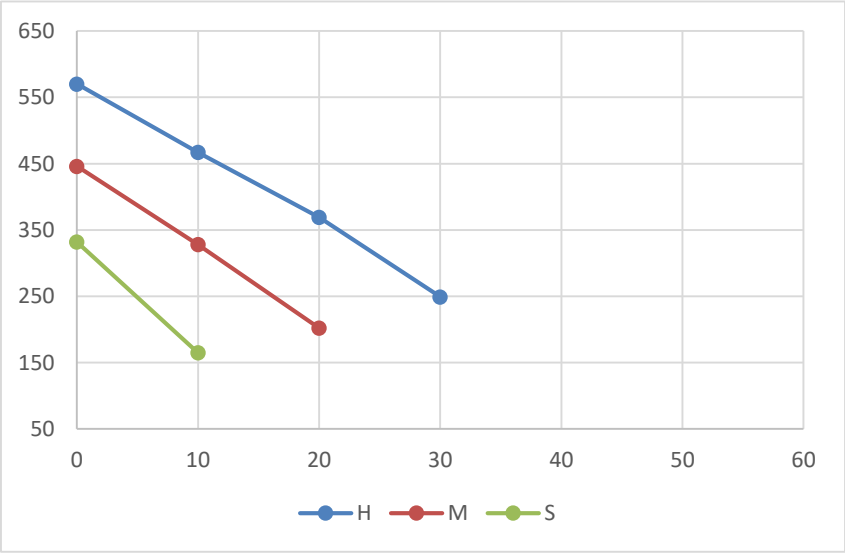
5 Static Pressure Graphs

Models of 12Pa standard external static pressure

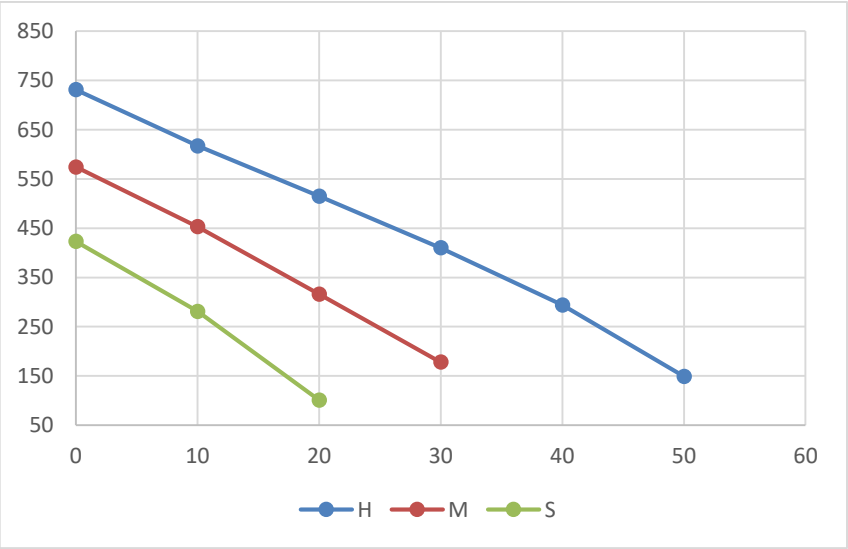
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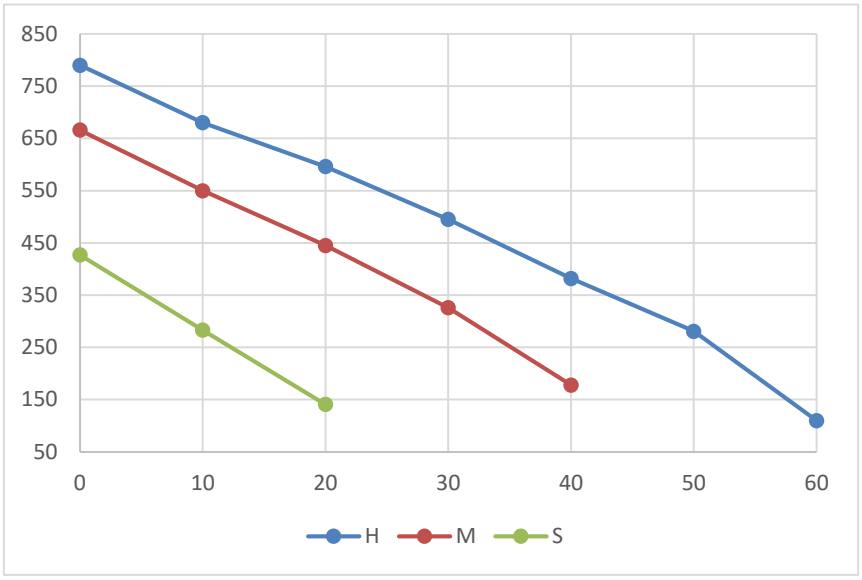
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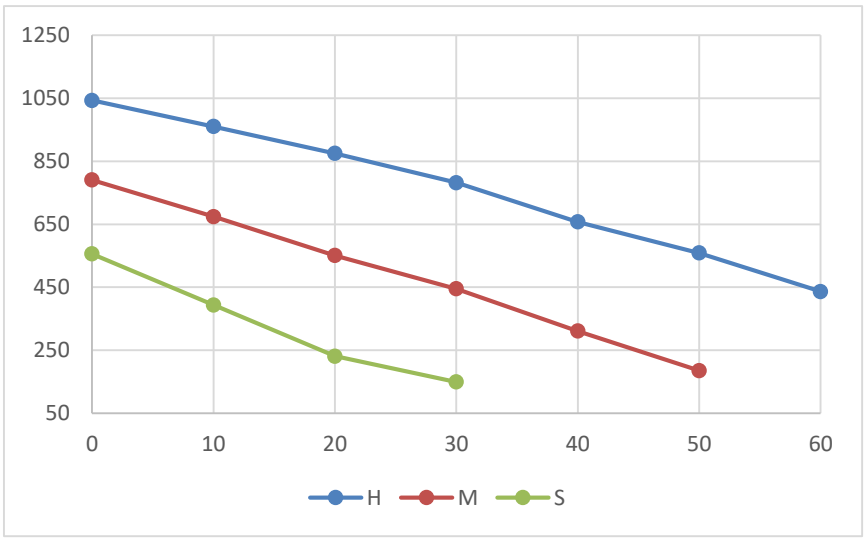
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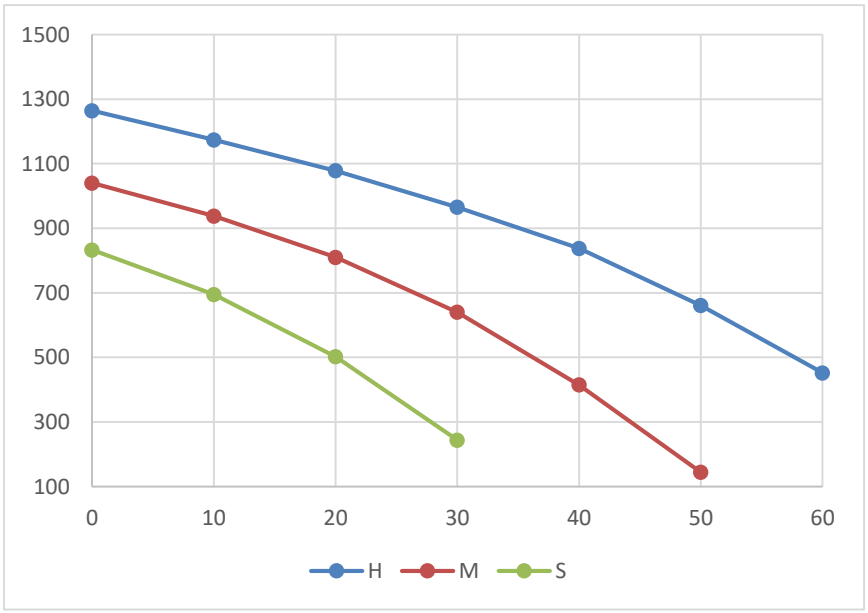
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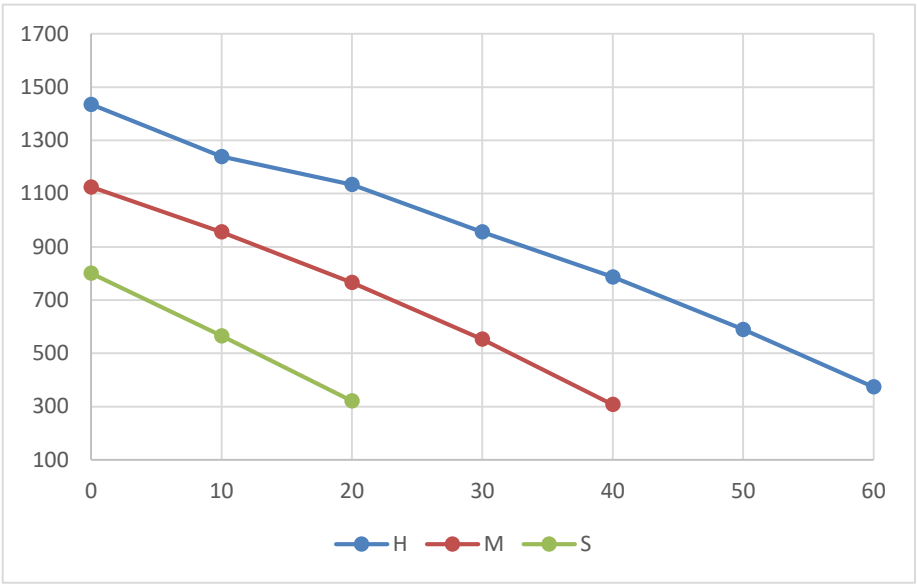
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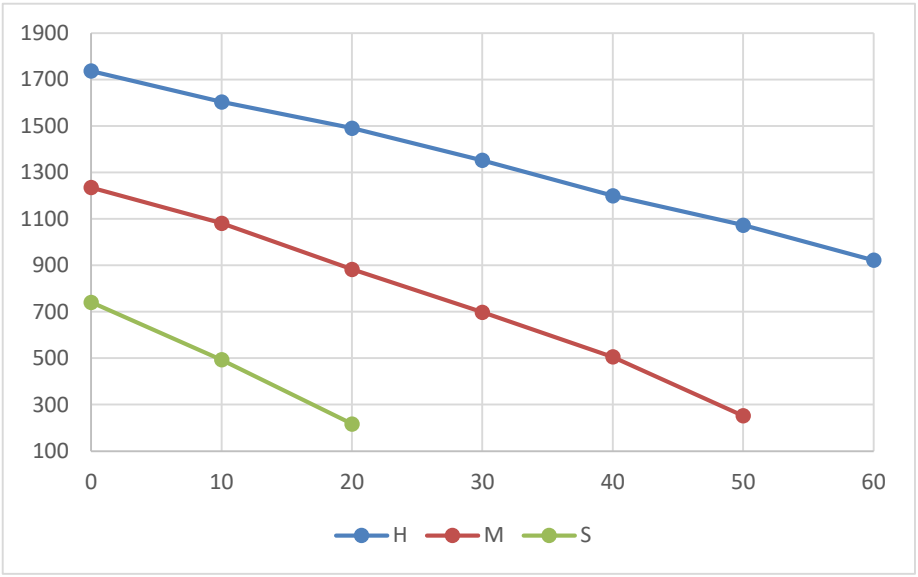
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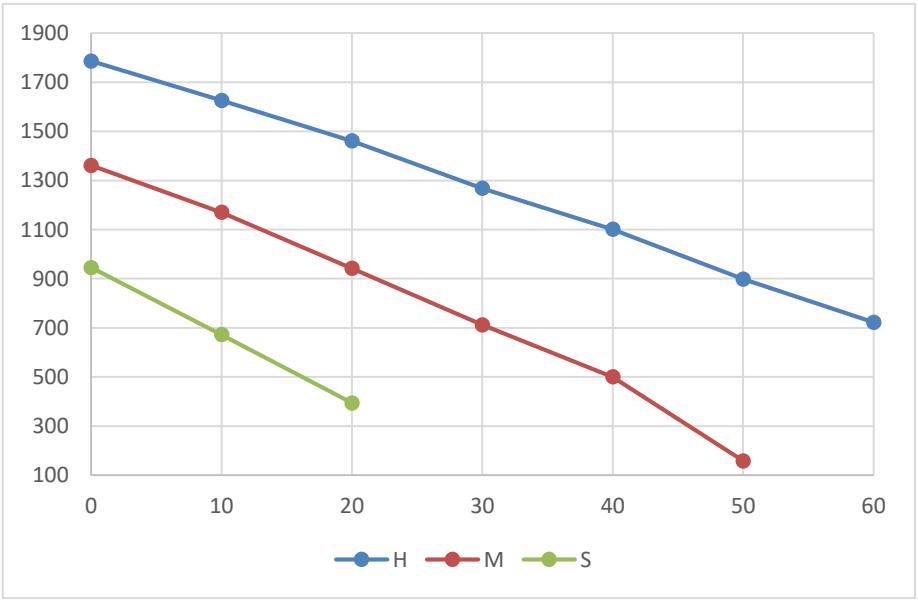
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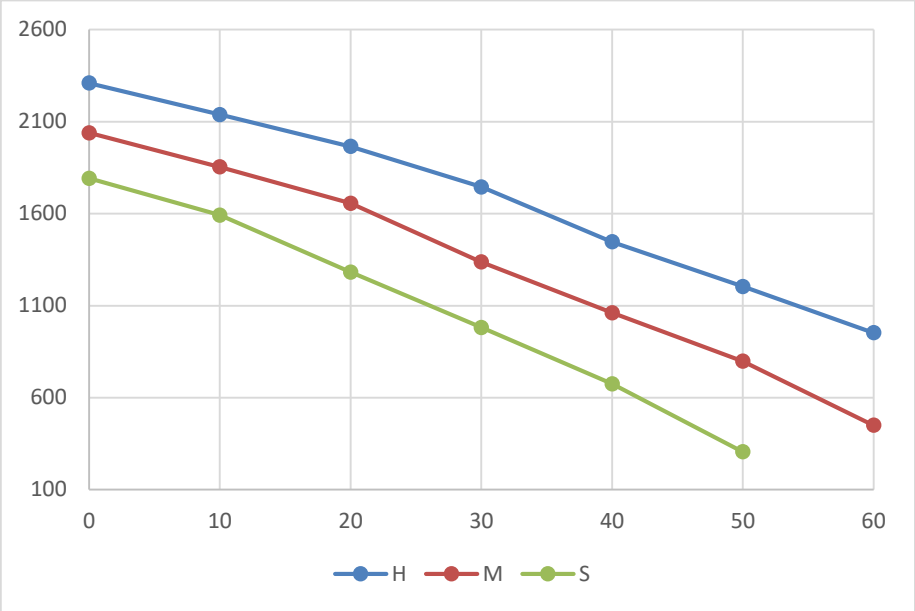
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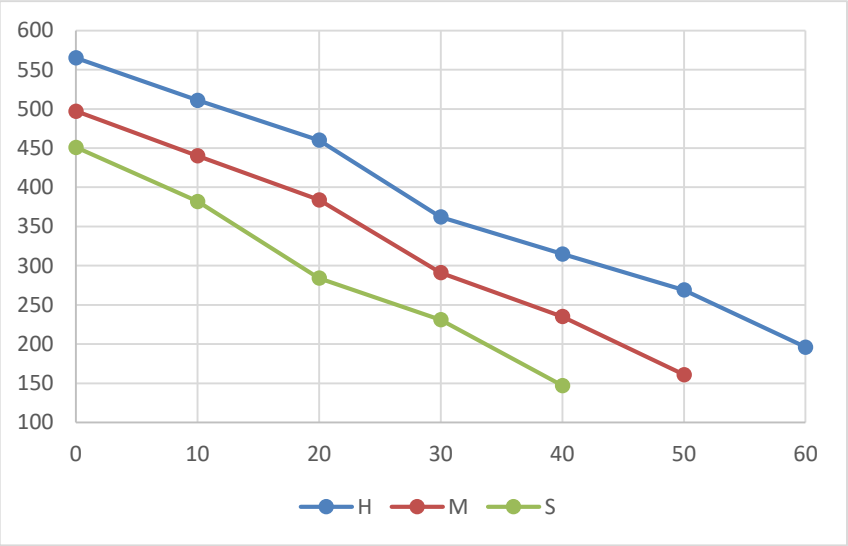


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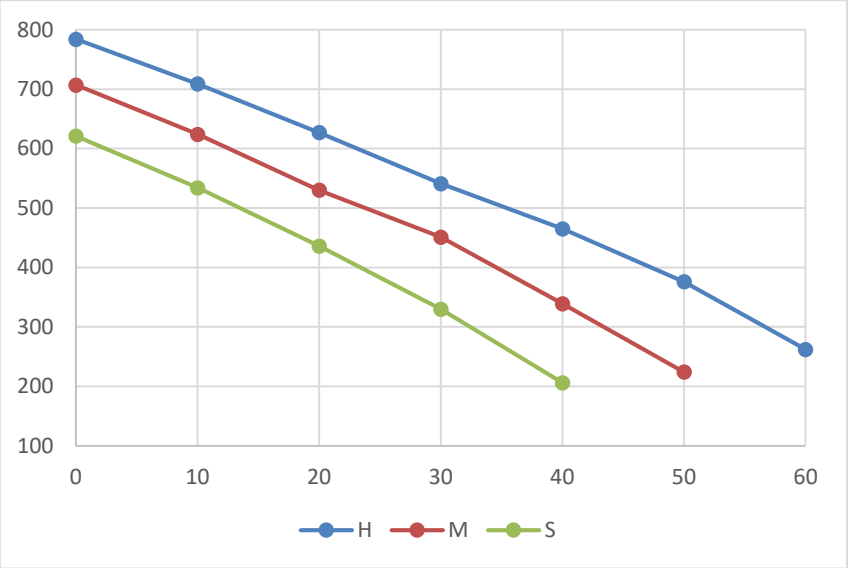


Models of 30Pa standard external static pressure

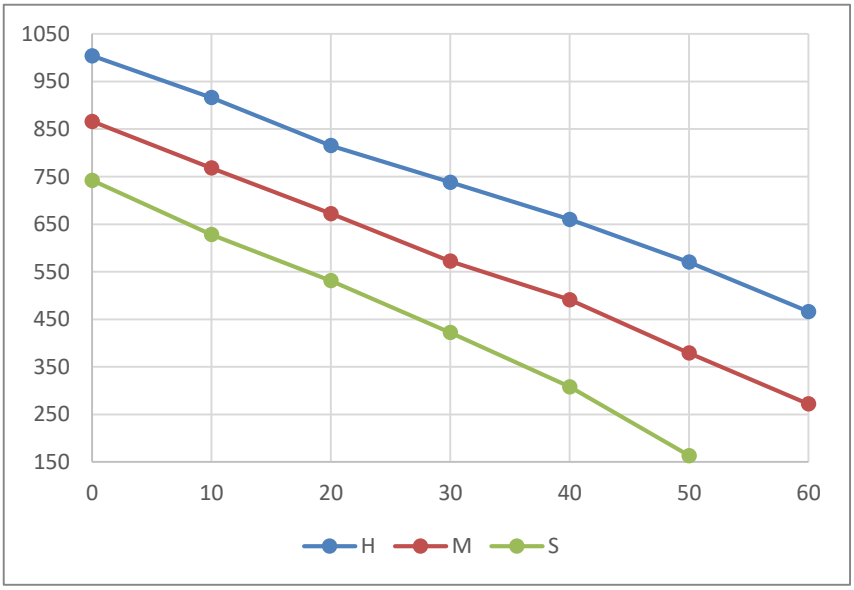
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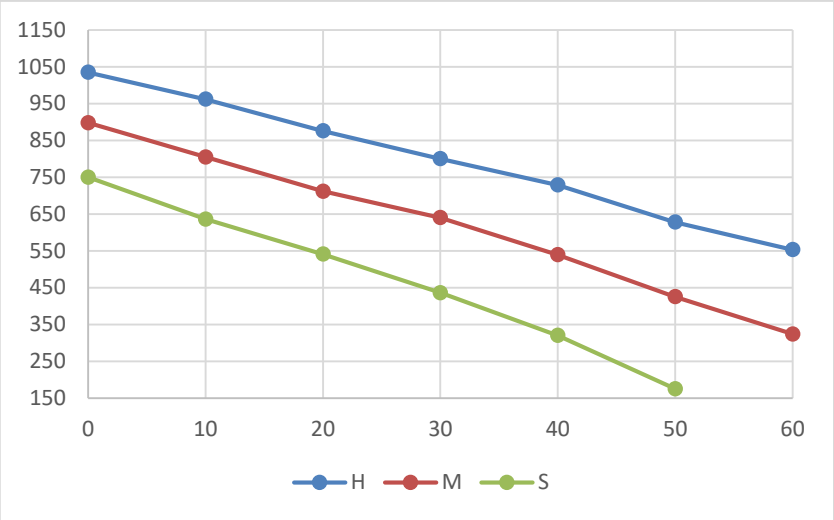
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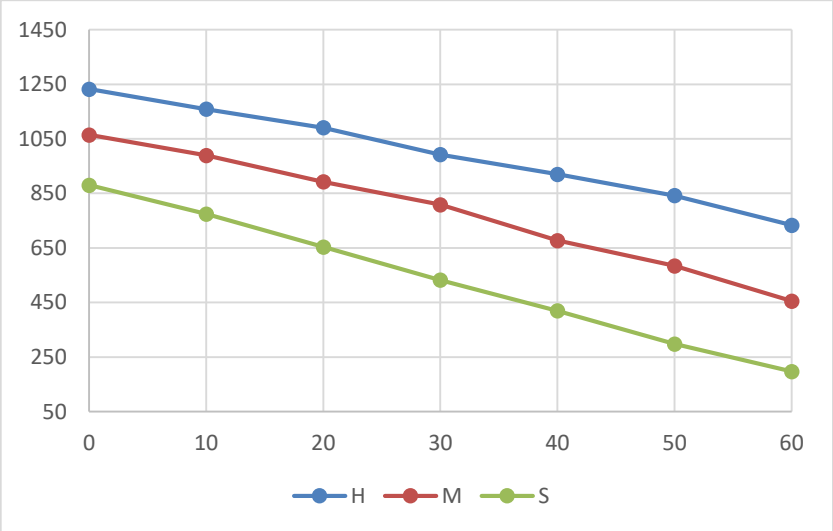
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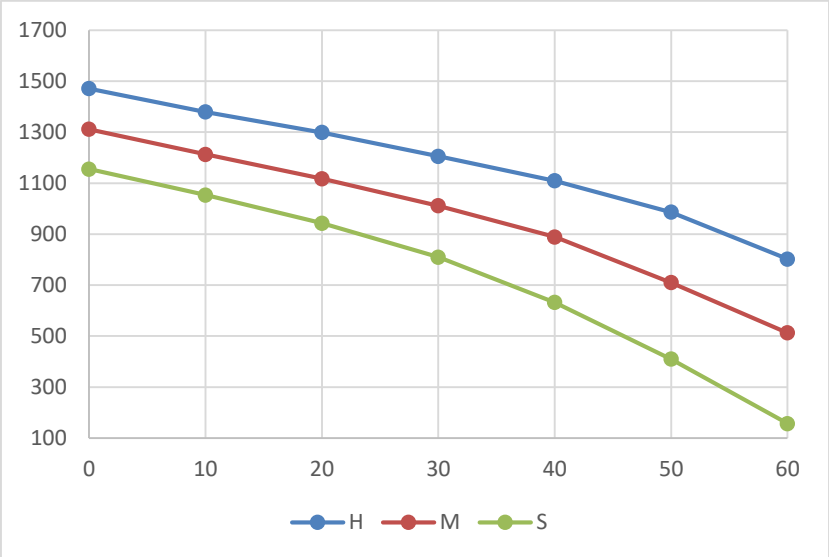
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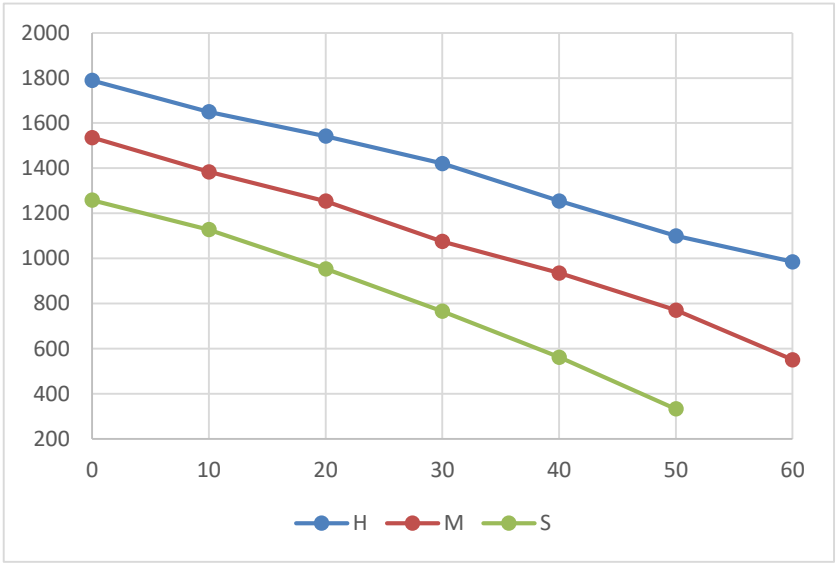
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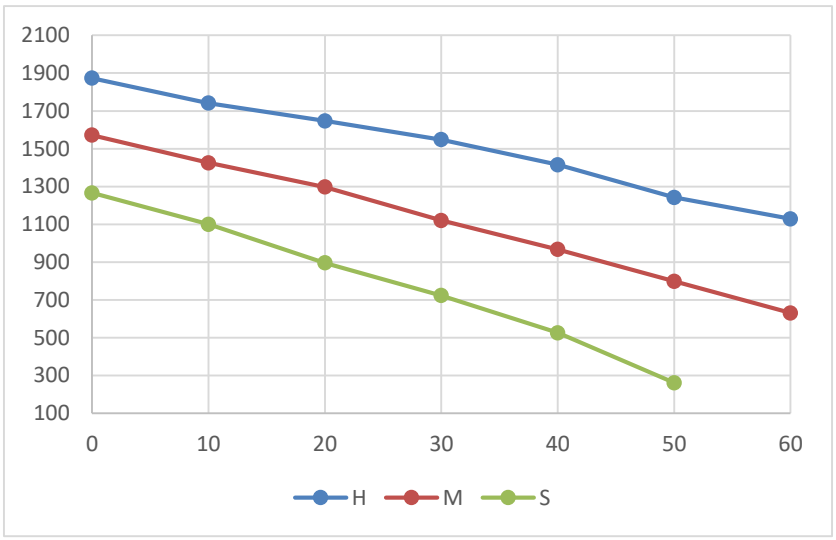
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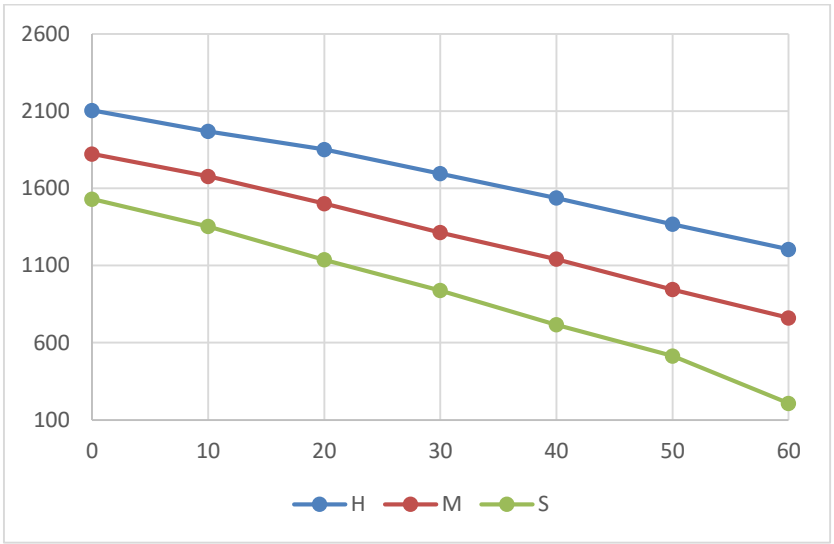
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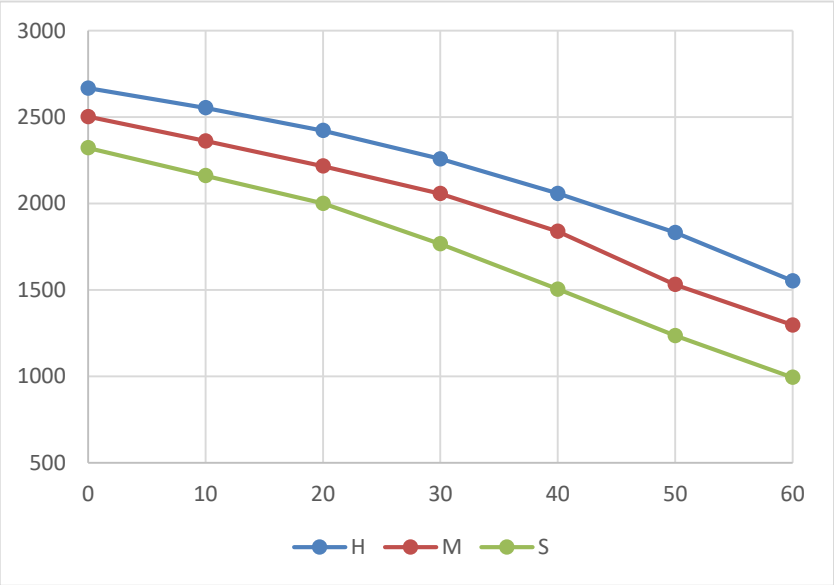
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MKT3-V1200G12-CL

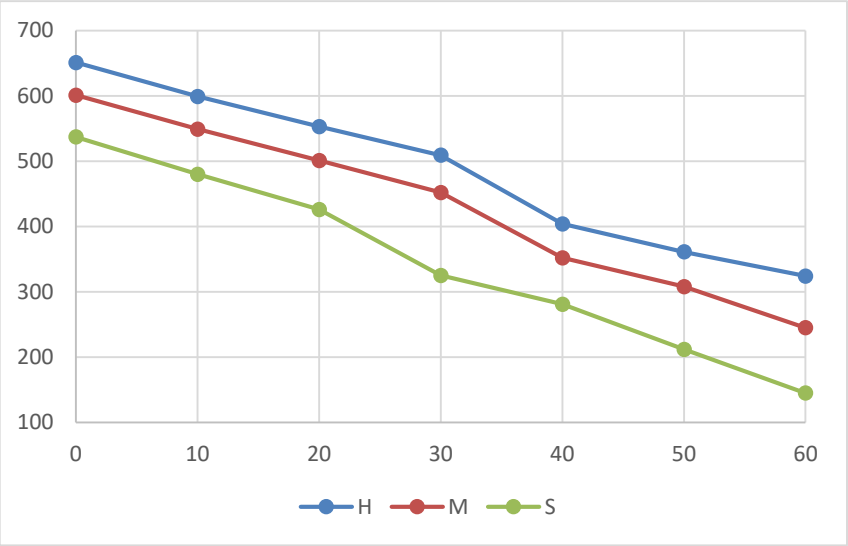


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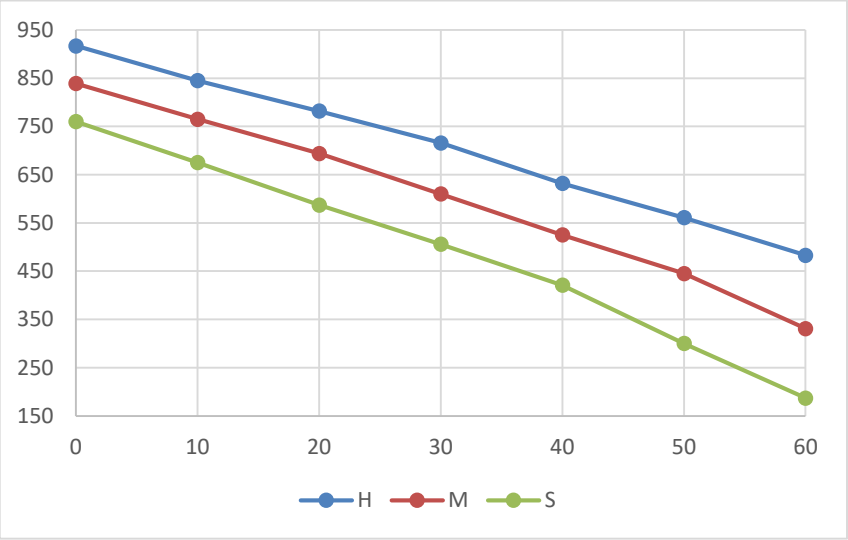


Models of 50Pa standard external static pressure

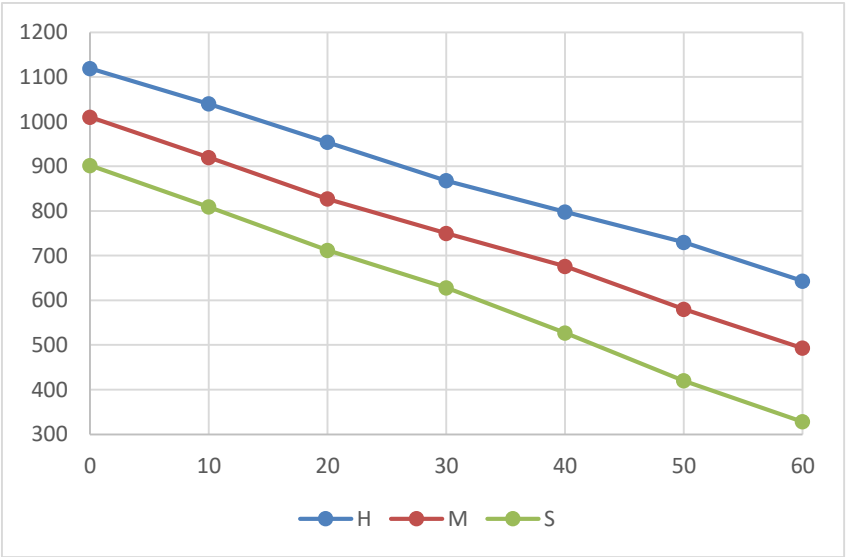
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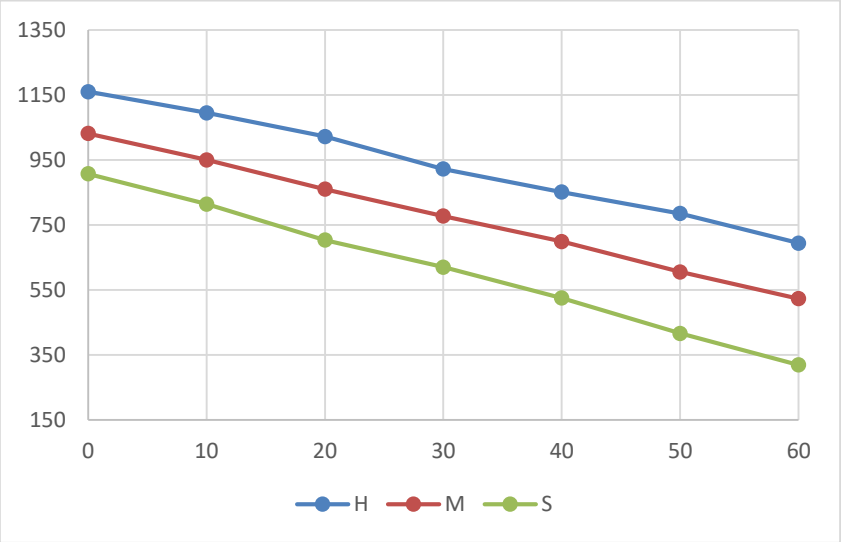
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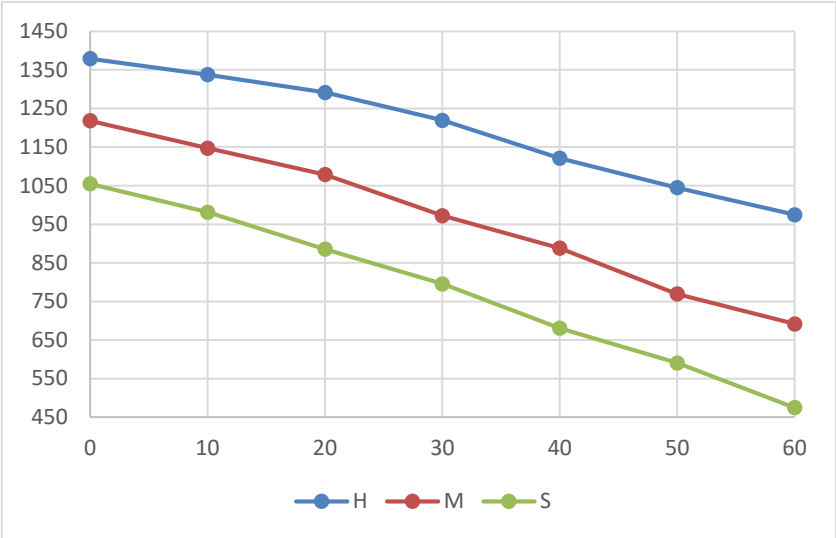
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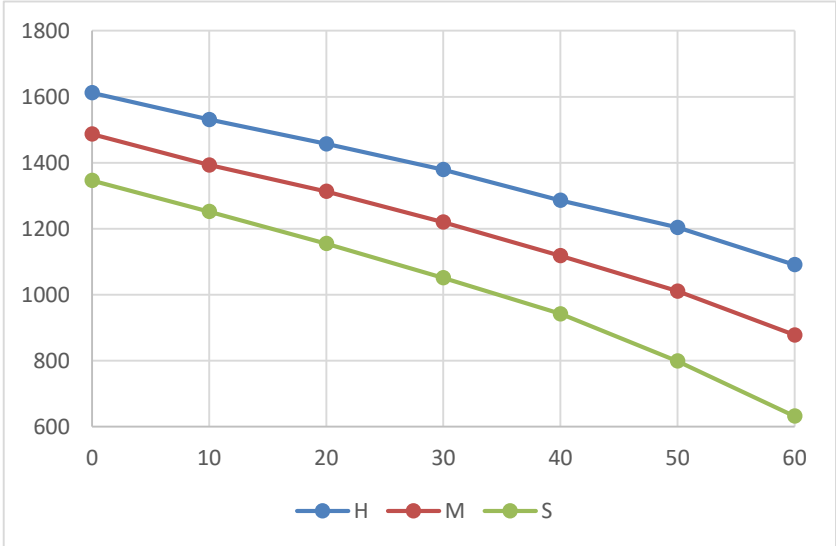
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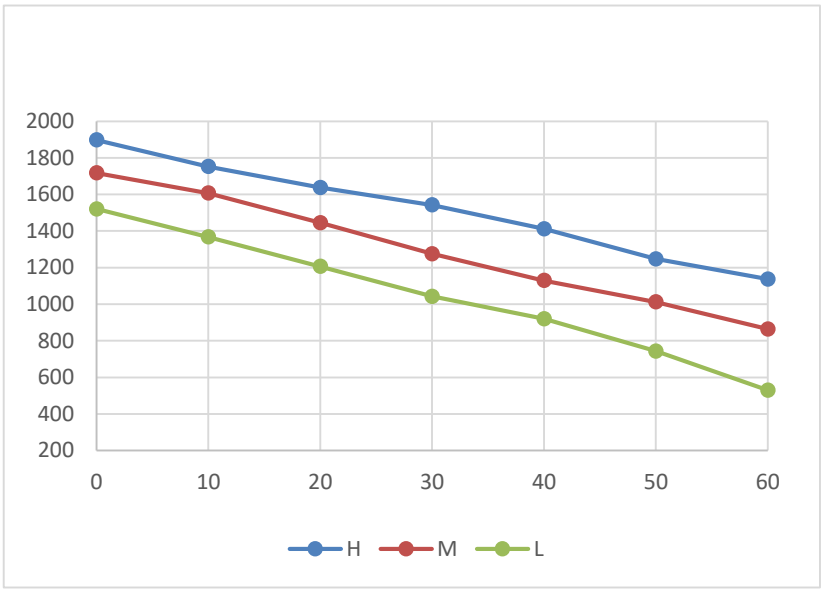
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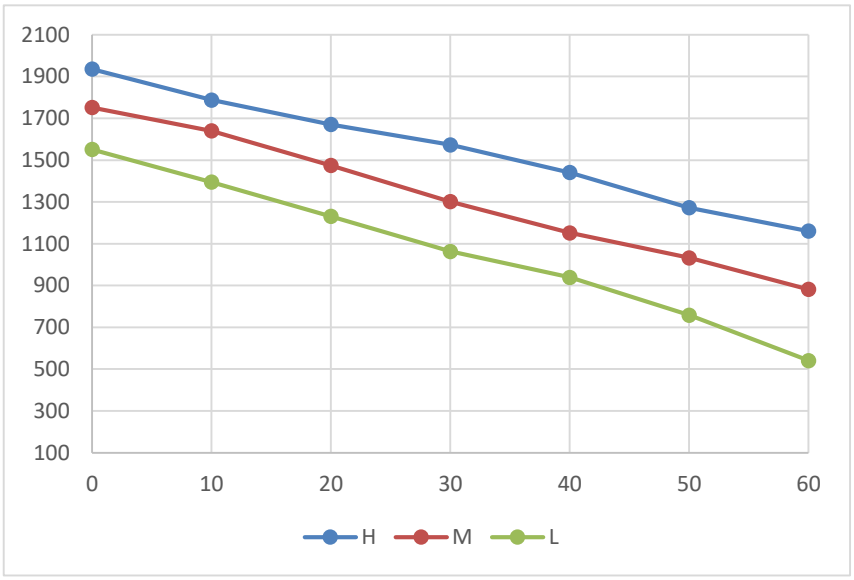
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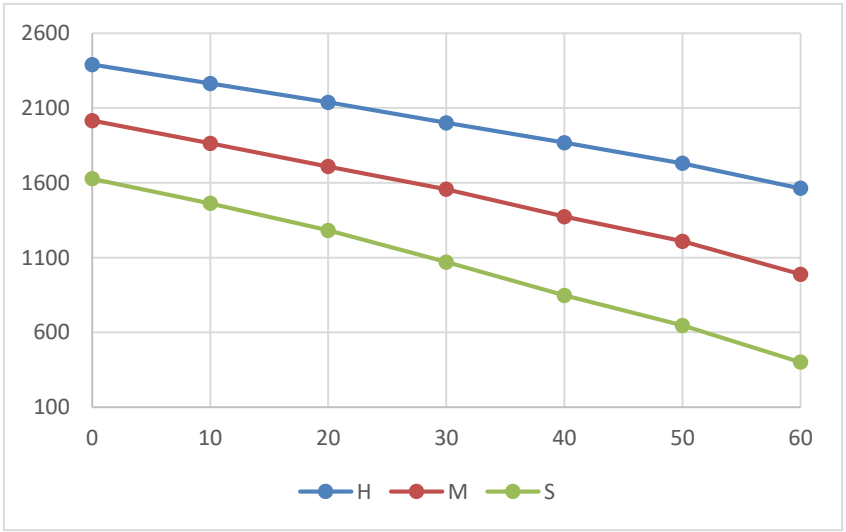
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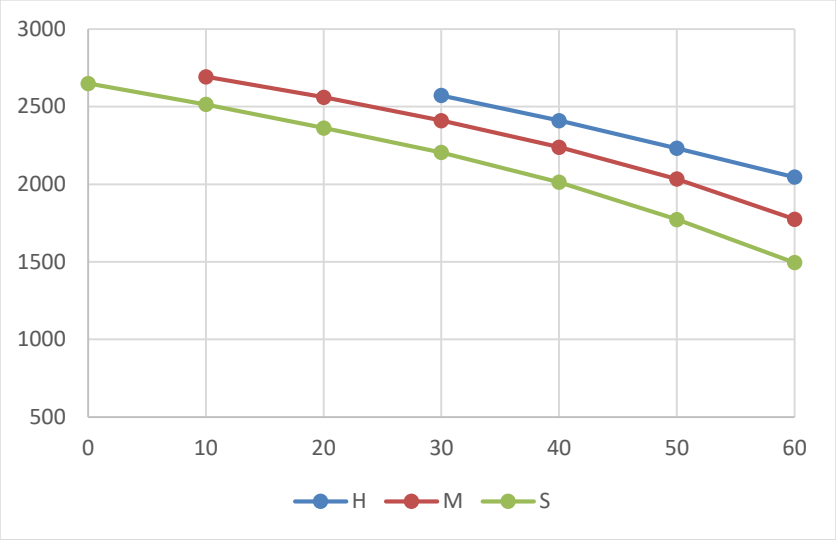
MKT3-V1000G12-CL



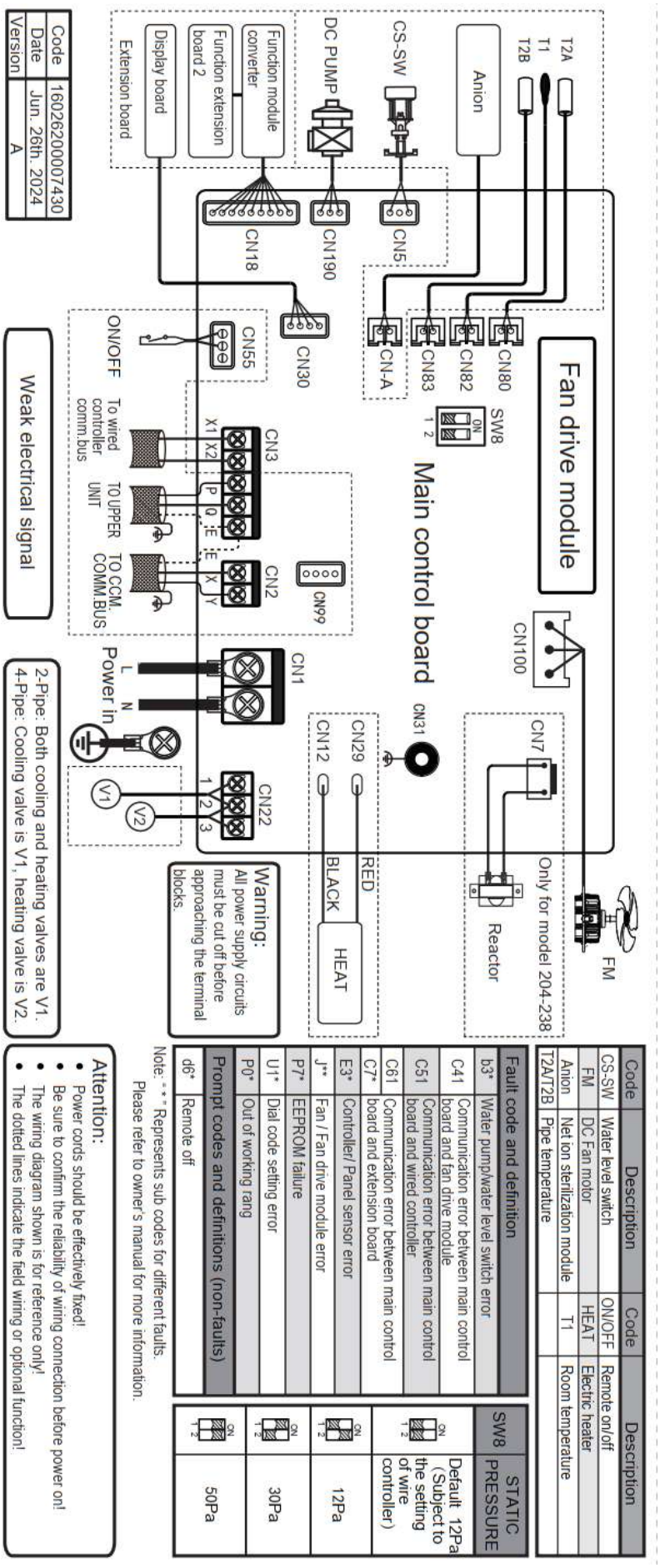
MKT3-V1200G12-CL



MKT3-V1400G12-CL



6 Wiring Diagrams



Code	Description	Code	Description
CS-SW	Water level switch	ON/OFF	Remote on/off
FM	DC Fan motor	HEAT	Electric heater
Anion	Net ion sterilization module	T1	Room temperature
T2A/T2B	Pipe temperature		

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*	Controller/ Panel sensor error
E3*	Fan / Fan drive module error
J**	EEPROM failure
P7*	Dial code setting error
U1*	Out of working rang
P0*	Remote off
Prompt codes and definitions (non-faults)	
d6*	

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

SW8	STATIC PRESSURE
	Default 12Pa (Subject to the setting of wire controller)
	12Pa
	30Pa
	50Pa

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!

7 Electrical Characteristic

Model name	Units				Power Supply		IFM (Indoor Fan Motor)	
	Hz	Volts (V)	Min. (V)	Max. (V)	MCA (A)	MFA (A)	KW (W)	FLA (A)
MKT3-V200G12-CL	50	220-240	198	264	0.23	15	17	0.18
MKT3-V300G12-CL	50	220-240	198	264	0.29	15	25	0.23
MKT3-V400G12-CL	50	220-240	198	264	0.39	15	35	0.31
MKT3-V500G12-CL	50	220-240	198	264	0.44	15	40	0.35
MKT3-V600G12-CL	50	220-240	198	264	0.61	15	65	0.49
MKT3-V700G12-CL	50	220-240	198	264	0.78	15	75	0.62
MKT3-V800G12-CL	50	220-240	198	264	0.75	15	70	0.60
MKT3-V1000G12-CL	50	220-240	198	264	1.20	15	119	0.96
MKT3-V1200G12-CL	50	220-240	198	264	0.80	15	119	0.64
MKT3-V1400G12-CL	50	220-240	198	264	1.08	15	119	0.86

Abbreviations:

MCA: Min. Current Amps. (A)

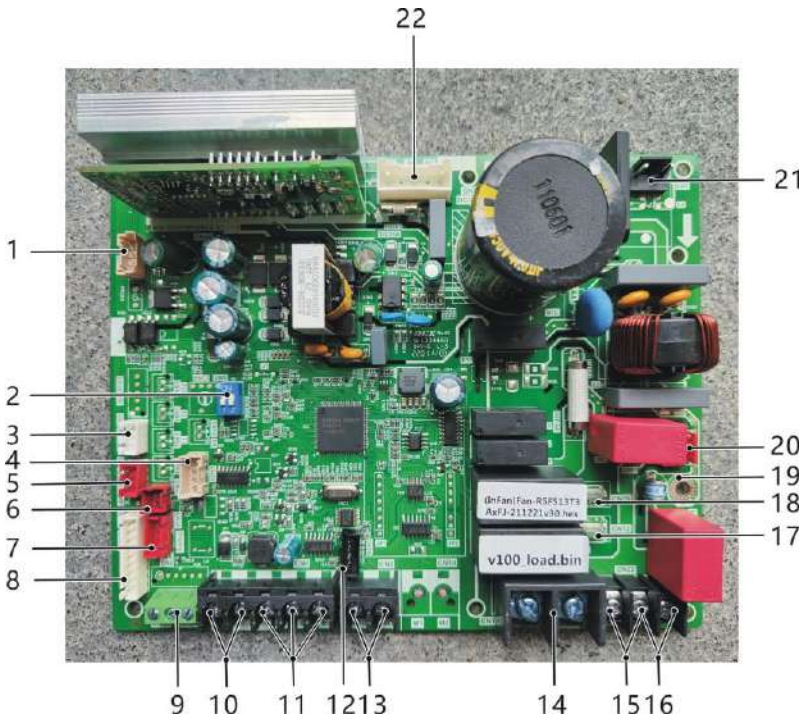
MFA: Max. Fuse Amps. (A)

IFM: Indoor Fan Motor

FLA: Full Load Amps. (A)

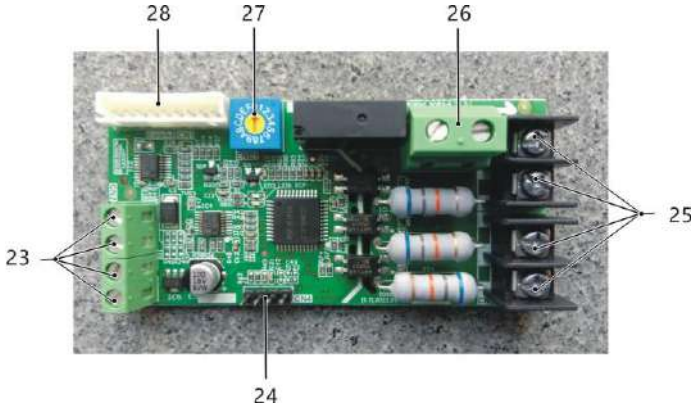
KW: Rated Motor Output (W)

8 Main PCB ports



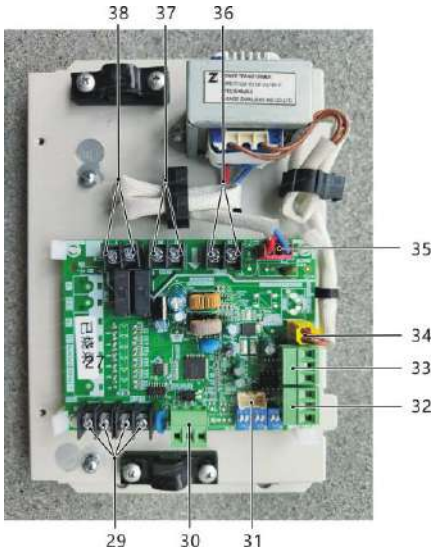
Main PCB port description:

No.	Port Description	Standard/Optional
1	Fan driver programming	Standard
2	Static pressure DIP switch	Standard
3	Water level switch	Optional
4	Main program burning	Standard
5	DC water pump	Optional
6	Ion sterilizer	Optional
7	Display board	Optional
8	Communication board	Standard
9	Remote ON/OFF	Optional
10	X1 and X2 carrier wired controller	Standard
11	Modbus communication	Optional
12	After-sales tool	Optional
13	Centralized controller	Optional
14	Power input	Standard
15	Cooling valve control signal output	Standard
16	Heating valve control signal output	Standard
17	Neutral line output of auxiliary heater	Optional
18	Live wire output of auxiliary heater	Optional
19	Earthing	Standard
20	AC220V output (reserved)	Optional
21	Reactor	Standard
22	DC fan	Standard



Switch module (communication board) description:

No.	Port Description	Standard/Optional
23	Expansion board 2	Optional
24	Communication board programing	Optional
25	Mechanical 3-fan speeds	Optional
26	Passive alarm output	Optional
27	DIP switch	Optional
28	Main board	Optional



Free function module 2 (expansion board 2) description:

No.	Port Description	Standard/Optional
29	Communication board	Optional
30	0-10V wired controller input	Optional
31	Expansion board programing	Optional
32	0-10V valve control signal output 1	Optional
33	0-10V valve control signal output 2	Optional
34	0-10V valve power supply linear transformer - secondary	Optional
35	0-10V valve power supply linear transformer - primary	Optional
36	Power input (AC220V)	Optional
37	Passive heating signal output	Optional
38	Passive cooling signal output	Optional

Part 3

Accessories

1 STANDARD ACCESSORIES..... 69
2 OPTIONAL ACCESSORIES 69

1 Standard Accessories

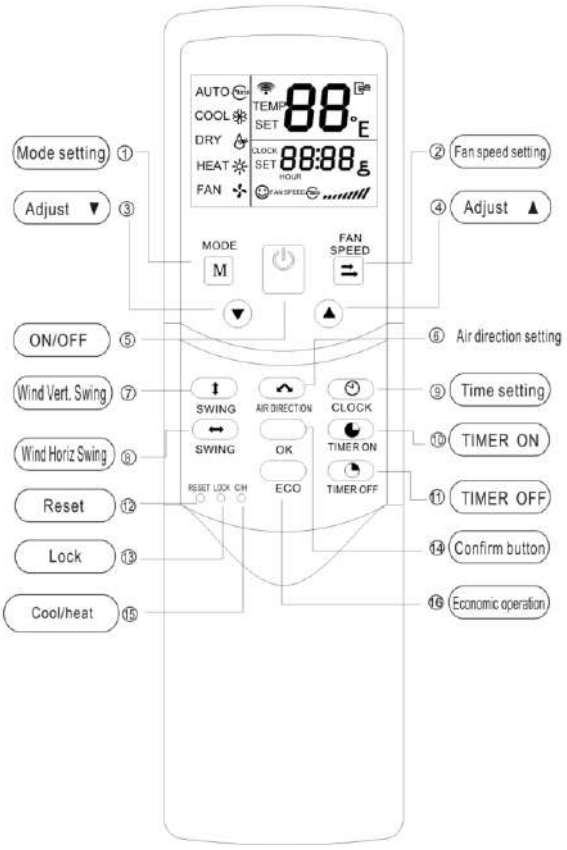
Accessory name	Qty.	Shape	Usage
Owner's & installation manual	1	/	Installation guide

2 Optional Accessories

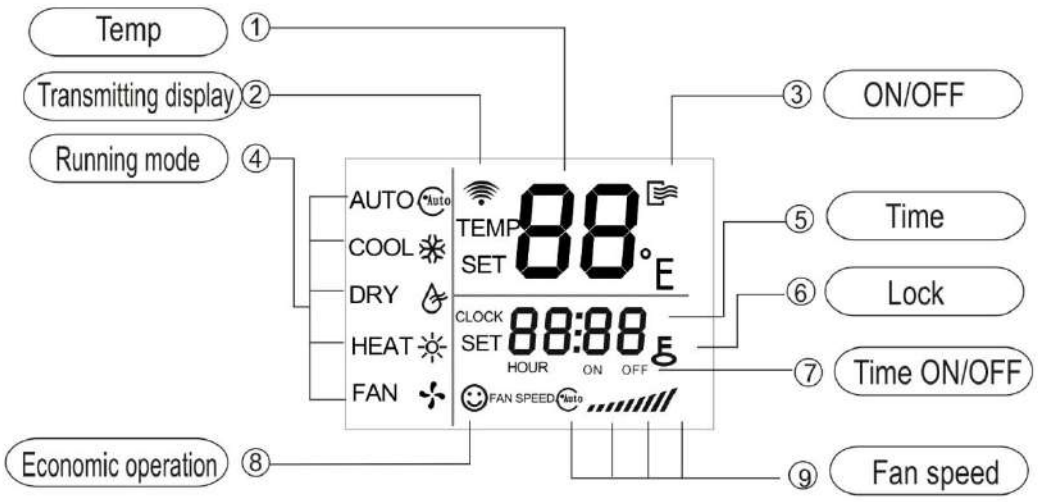
Accessory name	Qty.	Shape	Usage
Remote controller RM05/BGE	1		Remote control
Remote controller R51/E	1		Remote control
Wired controller WDC3-86S	1		Wired control
Centralized controller CCM30	1		Centralized control

1.1 Optional remote controller: RM05/BGE

1.1.1 Operation section

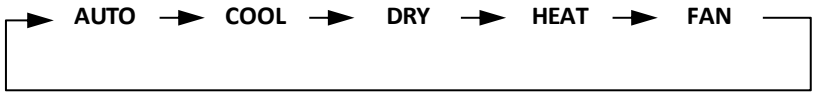


1.1.2 Display section



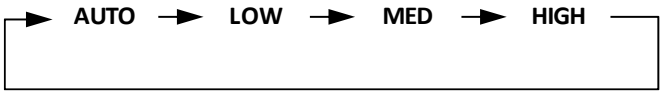
1.1.2.1 How to operate

- **MODE:** Once pressing, running mode will be selected in the following sequence:



NOTE: No heating mode for cool only type unit.

- **FAN SPEED:** Fan speed will be selected in following sequence once pressing this button:



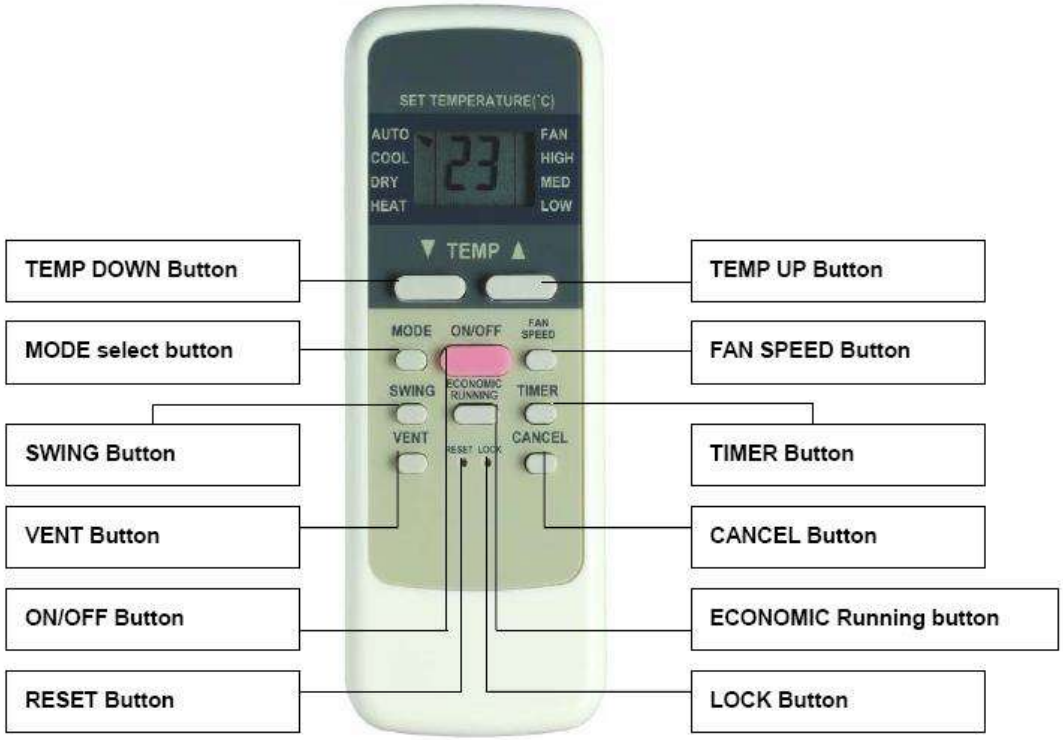
- **Adjust:** Decrease the set temp. Keeping pressing will decrease the temp with 1℃ per 0.5s.
- **Adjust:** Increase the set temp. Keeping pressing will increase the temp with 1℃ per 0.5s.
- **ON/OFF:** For turning on or turning off the air conditioner.
- **AIR DIRECTION:** Activate swing function of air deflector. Once pressing, air deflector will turn 6℃. For normal operation and better cooling and heating effect, deflector will not turn to the degree which is the state of deflector when the unit is turned off.(Only available when remote controller is used with corresponding unit.)
- **HORIZ SWING:** Activate or turn off horizontal swing function. (Only available when remote controller is used with corresponding unit.)
- **VERT SWING:** Activate or turn off vertical swing function. (Only available when remote controller is used with corresponding unit.)
- **CLOCK:** Display the current time. (12:00 is displayed when resetting or electrifying for the first time.) Press CLOCK for 5s, icon indicating hour will flash with 0.5s. Press it again,▼ and ▲ are used to adjust the figure. Setting or modification is effective onlyby pressing OK button to make confirmation.
- **TIME ON:** For time ON setting. Once pressing this button, the time will increase by 0.5 hour. When the set time exceeds 10 hours, pressing the button will increase the time by 1 hour. Adjusting the figure to 0.00 will cancel time ON setting.
- **TIME OFF:** For time OFF setting. Once pressing this button, the time will increase by 0.5 hour. When the set time exceeds 10 hours, pressing the button will increase the time by 1 hour. Adjust the figure to 0.00 will cancel time ON setting.
- **RESET (inner located):** Press this button with a needle of 1mm to cancel the current setting and reset remote controller.
- **LOCK (inner located):** Press this button with a needle of 1 mm to lock or unlock the current setting.
- **OK:** Used to confirm the time setting and modification.

- **COOL/HEAT (inner located):** Press this button with a needle of 1 mm to shift mode between COOL only and COOL&HEAT. During setting, back light will be lightened. Factory default mode is COOL &HEAT.
- **ECO:** Activate or turn off economic operation mode. It is suggested to turn on this function when sleeping. (Only available when remote controller is used with corresponding unit.)

1.1.2.2 Specifications

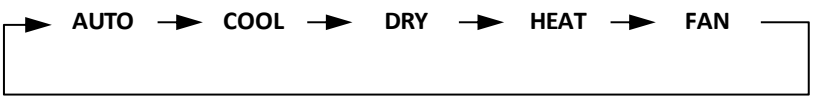
Model	RM05/BGE
Rated Voltage	3.0V
Lowest Voltage of CPU Emitting Signal	2.4V
Reaching Distance	8m (when using 3.0 voltage, it can get 11m)
Environment Temperature Range	-5℃～60℃

2.2 Optional remote controller: R51/E



2.2.1 How to operate

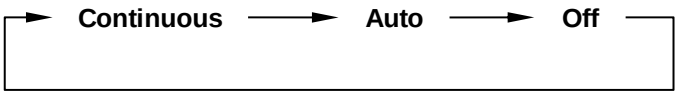
- **TEMP DOWN Button:** Push the TEMP DOWN button to decrease the indoor temperature setting or to adjust the timer in a counter-clockwise direction.
- **MODLE SELECT Button:** Each time you push the button, a mode is selected in a sequence that goes from AUTO, COOL, DRY, HEAT and FAN as the following figure indicates:



NOTE: HEAT only for Heat Pump.

- **SWING Button:** Push this switch button to change the louver angle.
- **RESET Button:** When the RESET button is pushed, all of the current settings are cancelled and the control will return to the initial settings.
- **ECONOMIC RUNNING Button:** Push this button to go into the Energy-Saving operation mode.
- **LOCK Button:** Push this button to lock in all the current settings. To release settings, push again.
- **CANCEL Button:** Push this button to cancel the TIMER settings.
- **TIMER Button:** This button is used to preset the time ON (start to operate) and the time OFF (turn off the operation)
- **ON/OFF Button:** Push this button to start the unit operation. Push the button again to stop the unit operation.

- **FAN SPEED Button:** This button is used for setting fan speed in the sequence that goes from AUTO, LOW, MED to HIGH, and then back to Auto.
- **TEMP UP Button:** Push this button to increase the indoor temperature setting or to adjust the timer in a counter-clockwise direction.
- **VENT Button:** Push this button to set the ventilating mode. The ventilating mode will operate in the following sequence:



NOTE: Ventilation Function is available for the Fresh Star Series.

2.2.2 specifications

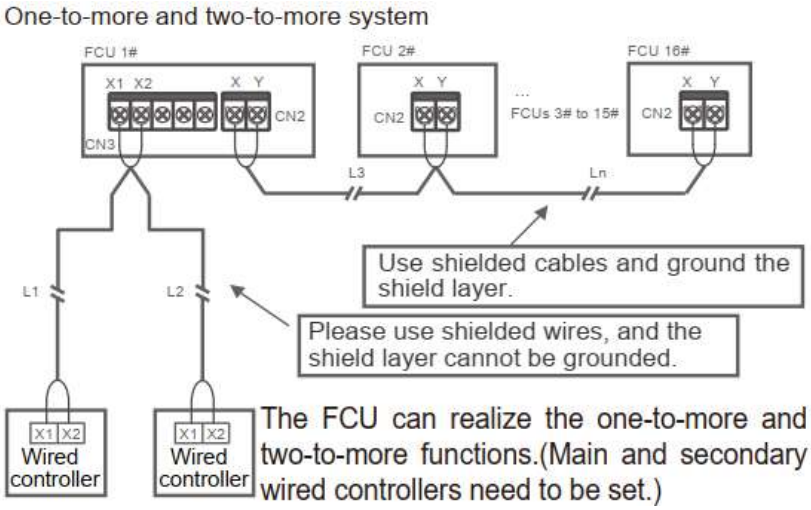
Model	R51/E
Rated Voltage	3.0V
Lowest Voltage of CPU Emitting Signal	2.0V
Reaching Distance	8m (when using 3.0 voltage, it can get 11m)
Environment Temperature Range	-5℃~60℃

2.3 Optional wired controller: WDC3-86S



For more information, please refer to the INSTALLATION & OWENERS MANUAL of WDC3-86S.

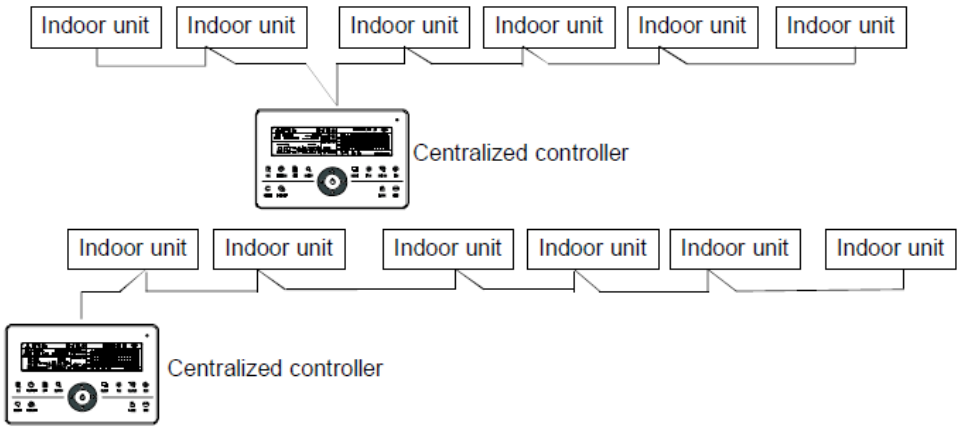
The FCU can realize the one-to-more and two-to-more functions. (Main and secondary wired controllers need to be set.). One-to-more and two-to-more function can only be achieved on FCUs equipped with T1 temperature sensors.



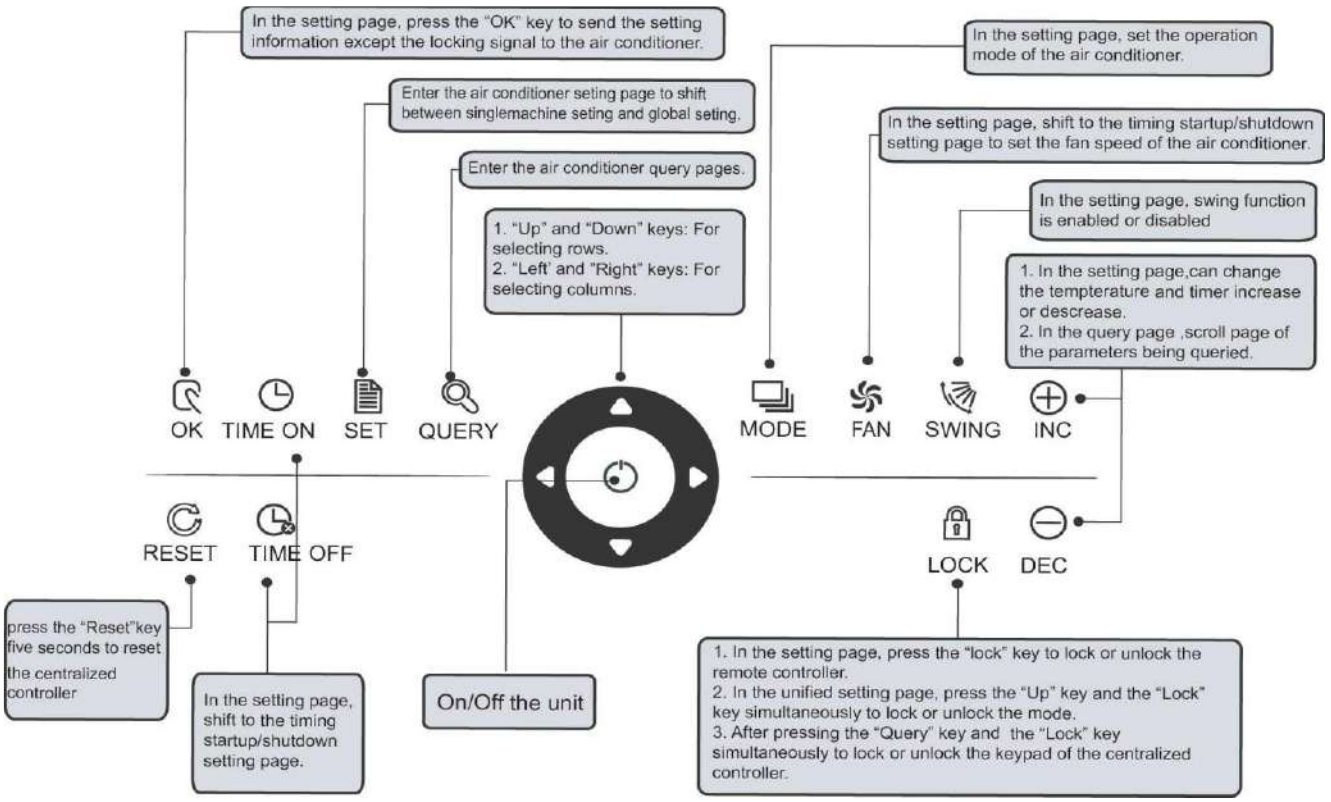
2.4 Optional centralized controller: CCM30



CCM30 is new designed and is a touch key centralized controller. It can be connected up to 64 indoor units, and the connection length can be up to 1200m. The CCM30 centralized controller has the air filter cleaning reminding function and it is convenient to remind users to clean the air filter. Both of the following wiring modes centralized controller and indoor units are applicable.



2.4.1 General functions and description



(1) Query key QUERY

Any time when you press the key, the selected operation mode is to query the operational state of the air conditioner.

By default, the first in-service air conditioner will be queried.

(3) Setting key SET

In other display modes, press this key can enter the setting mode.

By default, it is a single setting, and the first in-service air conditioner is displayed. In setting the operation mode, press this key again, and the operation will be performed for all air conditioners in the network. Press the key repeatedly to shift between a single setting and global setting.

(4) Mode key MODE

Under the setting operation mode, press this key to set the operation.

(5) Fan key FAN

Under the setting operation mode, press this key to set the fan of the indoor unit to run in the automatic, high, medium or low level of air.

(6) Time on key TIME ON

Under the setting operation mode, press this key can set the timing to turn on the air conditioner; press this key again can exit the timing setting, and restore the normal temperature regulation operation mode

(7) Time off key TIME OFF

Under the setting operation mode, press this key can set the timing shutdown of air conditioner, press this key again will exit the timing setting, and restore the normal temperature regulation operation mode.

(8) Swing key SWING

Under the setting operation mode, press this key can enable or disable the swing function. If all currently selected air conditioners have no swing function, no effect will result after pressing the key.

(9) Leftward key 

In the query mode, if this key is pressed, the operation state data of the previous air conditioner will be displayed. If it is currently on the first machine, the data of the last machine will be displayed, when the key is pressed. If you hold down this key, the address will decrease one by one. In the setting mode, if it is in single operation mode, the air conditioner of the previous in-service address number will be selected, when this key is pressed, if it is in the global operation mode, no effect will result when this key is pressed. In the main page, press the key to enter the query mode. By default, it is the first in-service air conditioner.

(10) Rightward key 

In the query mode, when the key is pressed, the next in-service air conditioner is selected, and its operational state data will be displayed. If it is currently on the last air conditioner, the first one is selected and its data displays, when the key is pressed. If this key is long pressed, the address will increase one by one.

In the setting mode, if it is in the single operation mode, when the key is pressed, the next in-service air conditioner will be selected. If it is in the global operation mode, no effect will result when the key is pressed.

In the main page, press the key to enter the query mode. By default, it is the first in-service air conditioner.

(11) Downward key 

In the main page, press this key can enter the query mode. By default, it is the first in-service air conditioner. In any other time, press this key will select the next row corresponding position air conditioner.

In the setting mode, if the global operation mode is selected, this key is invalid. If it is on the last row, press this key again to shift to the first row air conditioner. If this key is long pressed, the row will increase one by one.

(12) Upward key 

In the main page, press this key can enter the query mode. By default, it is the first in-service air conditioner. In any other time, press this key will select the previous corresponding position air conditioner.

In the setting mode, if selected all the air conditioners to operate, this key is invalid.

If it is on the first row, press this key again, and shift to the last row corresponding air conditioner.

(13) Add key 

1) Query mode:

Press this key, display the data of the last page. If it is now in the last page, press this key again and the first page will be displayed.

2) Setting operation mode

①Temperature adjusting method

Press this key; the setting temperature will increase 1℃. If you hold down the key "", the setting temperature will increase one by one.

When reached the highest allowed to set temperature, it cannot increase.

② Timing on or timing off setting method

Press this key "", it will select the next setting time. If you hold down this key, the next data will be selected one by one. When reached the max. Allowed setting time, it cannot increase.

(14) Reduce key 

1) Query mode

Press this key "DEC", display the data of the previous page. If it is now in the first page, press is key again and the last page will be displayed.

2) Setting operation mode

① Temperature adjusting method

Press this key "DEC", the setting temperature will decrease 1℃. If you hold down this key, the setting temperature will decrease one by one. When reached the lowest allowed set temperature, it cannot decrease.

② Timing on or timing off setting method

Press this key "DEC", it will select the next setting time. If you hold down the key "DEC", the next data will be selected one by one. When reached the min allowed setting time, it cannot decrease.

(15) ON/OFF key

Any time when you press the key, the centralized startup/shutdown operation is performed for all current in-service air conditioners in the centralized controller network.

(16) Confirmation key OK

In the setting mode, press this key can send the currently selected mode state and the auxiliary function state to the selected air conditioner.

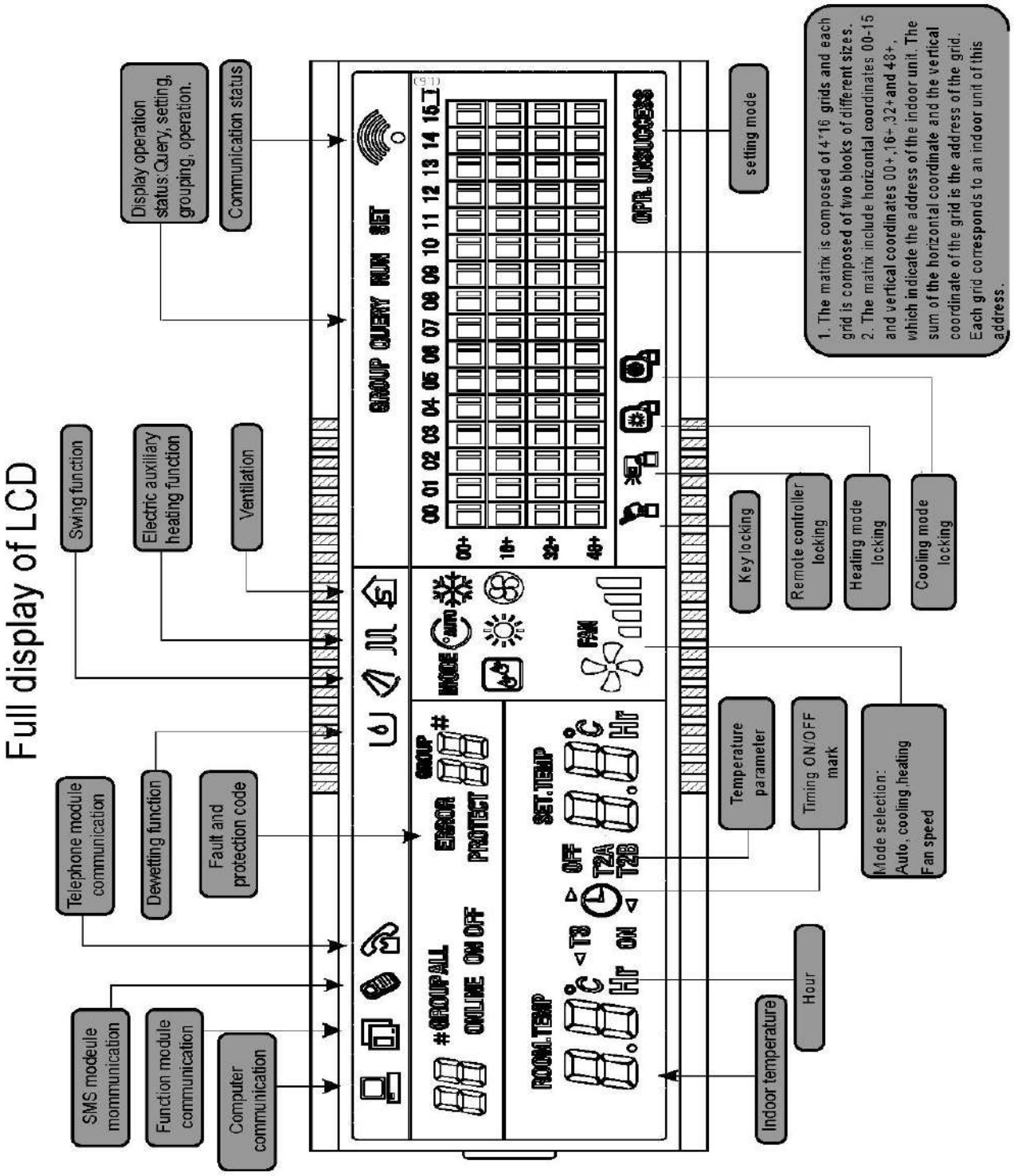
(17) Reset key RESET

Any time when the reset key is pressed, the centralized controller will reset. The result is the same as the result of restoring power-on after power failure.

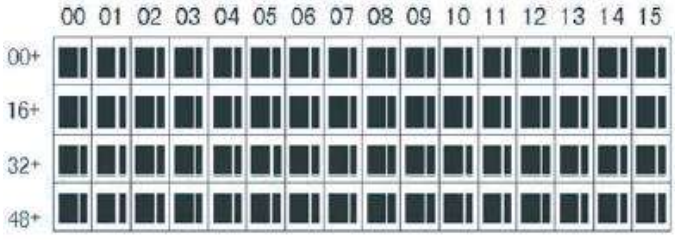
(18) Lock key LOCK

Any time when this key is pressed, the selected air conditioner can be locked or unlocked.

2.4.2 LCD display



2.4.3 Liquid crystal matrix display description



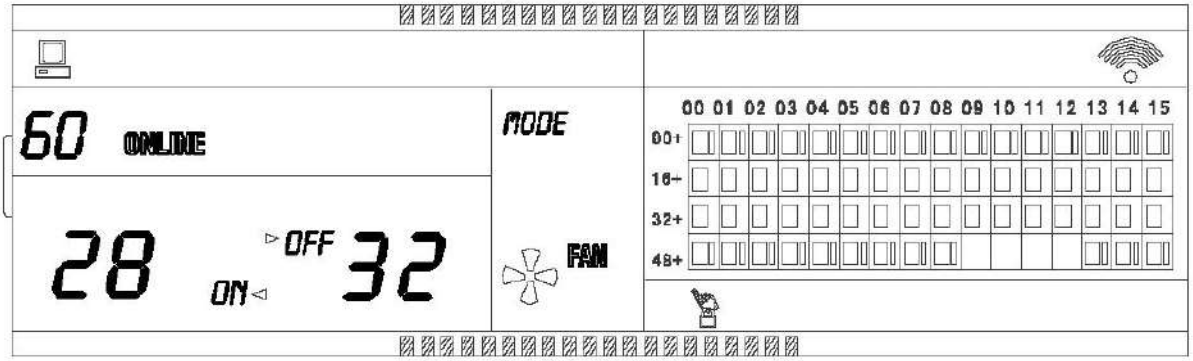
The liquid crystal matrix is composed of 4×16 grids, and each grid is composed of two blocks of different sizes.
The matrix includes horizontal coordinates 00~15 on the upper side and vertical coordinates 00+, 16+, 32+ and 48+ on the left side, which indicate the address of the indoor unit. The sum of the horizontal coordinate and the vertical coordinate of the grid is the address of the grid. Each grid corresponds to an indoor unit of this address. One grid is composed of two blocks of different sizes. The state indication table is as follows;

Status / Object	Constantly on	Slow blink		Fast blink
Big black block	In-service	Selected		Out of service
Small black block	Power on		Fault of indoor or outdoor unit	Power off

2.4.4 LCD display description

Description of the standby page

The LCD displays the main page, 60 air conditioners are in service, of which 28 are powered on and 32 off.



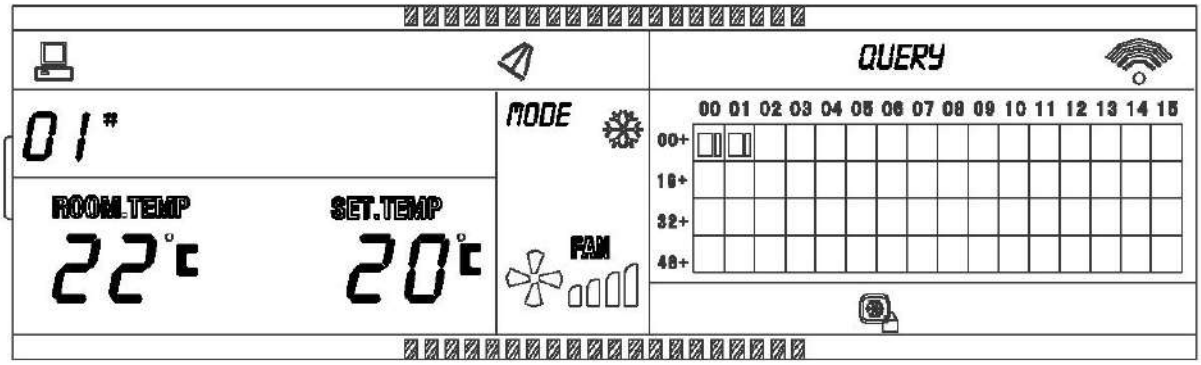
In the matrix, the bid dots from (16+, 00) to (32+, 15) are luminous, and the small dots are not luminous. It indicates the 32 air conditioners with the addresses from 16 to 47 are powered off.

In the matrix, the big and small dots from (48+, 09) to (48+, 12) are not luminous. It indicates the four air conditioners with the address from 57 to 60 are outside the network.

All other big and small dots in the matrix are luminous. It indicates all other air conditioners are in the network and powered on.

The address of the air conditioner is sum of the coordinates. For example, the address of (48+, 09) is 09+48=57.

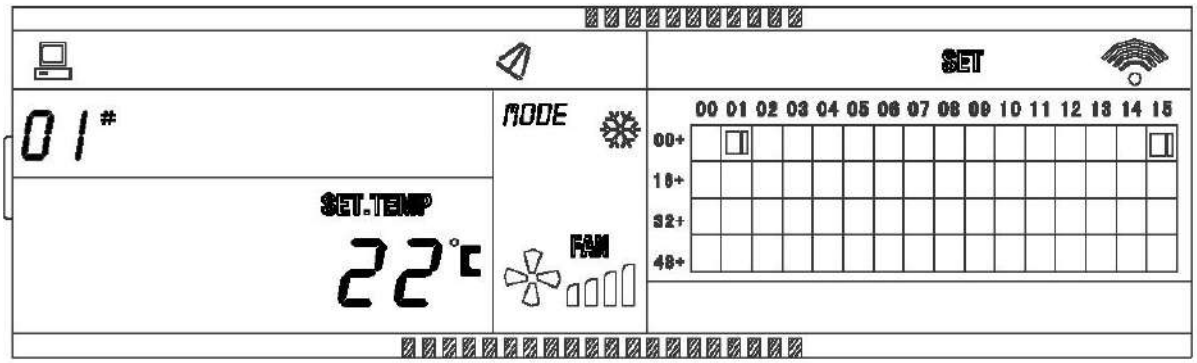
Description of the query page



The LCD displays the query page, and the air conditioner with the address of 01 is being queried. Mode of the air conditioner with the address 01 is cooling, high speed air supply, swing on, indoor temperature 22°C, setting temperature 20°C and cooling mode locked.

In the matrix, only the big and small black dots at (00+, 00) and (00+, 01) are luminous. It indicates the in-service and power-on state of the air conditioners with the addresses of 00 and 01.

Description of the setting page

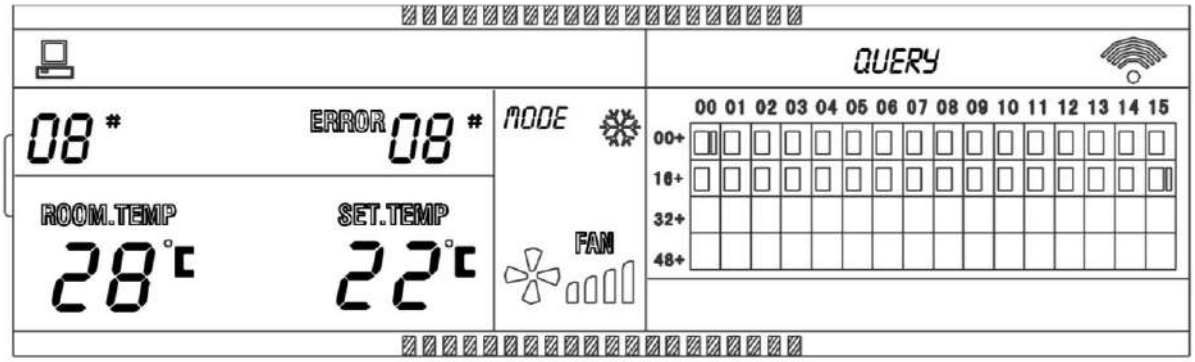


The LCD display displays the setting page, and queries the air conditioner with the address of 01.

The mode of the air conditioner with the address 01 is: Cooling, high fan speed, swing on, setting temperature 22°C and cooling.

In the matrix, only the big black dots at (00+, 01) to (00+, 15) are luminous. It indicates the air conditioners with the addresses 01 and 15 are in service.

Fault page display description



Query the air conditioner with the address of 08 in the query page.

The air conditioner with the address of 08 is faulty, and fault code is 08. The big black dot below (00+, 08) blinks.

In the matrix, only the big and small black dots at (00+, 00) and (16+, 15) illuminate. It indicates the in-service state of the air conditioner power on, with the addresses 00 and 31.

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Ver. 2025-01

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