

Technical Manual

50Hz AC Fan Coil Unit

2-Pipe Duct MDKT3

Series



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Part 1

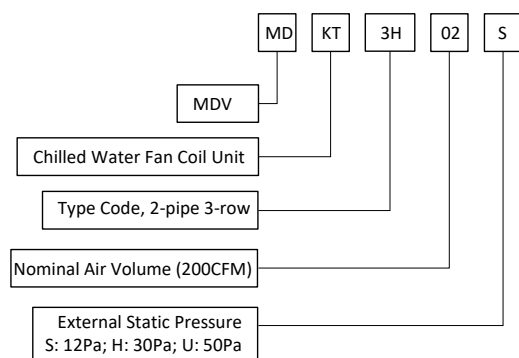
General Information

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1 Product lineup

Model	Power supply	Appearance
MDKT3-02S	220-240V~1N~50Hz	
MDKT3-02H		
MDKT3-02U		
MDKT3-03S	220-240V~1N~50Hz	
MDKT3-03H		
MDKT3-03U		
MDKT3-04S	220-240V~1N~50Hz	
MDKT3-04H		
MDKT3-04U		
MDKT3-05S	220-240V~1N~50Hz	
MDKT3-05S		
MDKT3-05S		
MDKT3-06S	220-240V~1N~50Hz	
MDKT3-06H		
MDKT3-06U		
MDKT3-07S	220-240V~1N~50Hz	
MDKT3-07S		
MDKT3-07S		
MDKT3-08S	220-240V~1N~50Hz	
MDKT3-08H		
MDKT3-08U		
MDKT3-10S	220-240V~1N~50Hz	
MDKT3-10S		
MDKT3-10S		
MDKT3-12S	220-240V~1N~50Hz	
MDKT3-12H		
MDKT3-12U		
MDKT3-14S	220-240V~1N~50Hz	
MDKT3-14S		
MDKT3-14S		

2 Nomenclature



Part 2

Performance

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1 Specifications

Model name (MDKT-3H-)			02S	02H	02U
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m ³ /h	340/257/172		
		CFM	200/151/101		
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	2.35/2.00/1.50	2.50/2.10/1.56	2.50/2.10/1.56
	Water flow rate (H/M/L)	m ³ /h	0.40/0.40/0.40	0.43/0.43/0.43	0.43/0.43/0.43
	Water pressure (H/M/L)	kPa	24/20/15	27/24/19	27/24/19
Heating	Capacity (H/M/L)	kW	3.90/3.09/2.15	4.10/3.20/2.20	4.10/3.20/2.20
	Water flow rate (H/M/L)	m ³ /h	0.40/0.40/0.40	0.43/0.43/0.43	0.43/0.43/0.43
	Water pressure (H/M/L)	kPa	20/16/12	22/20/16	22/20/16
Power input(H/M/L)		W	36/25/23	42/36/29	48/38/31
Auxiliary electric heater(AEH)		W	500	500	500
Current input(H/M/L)		A	0.16/0.11/0.10	0.19/0.16/0.13	0.22/0.17/0.14
Sound pressure level (H/M/L)		dB(A)	35.0/26.5/23.5	37.0/30.0/23.0	40.0/32.0/24.0
Fan motor	Type	Low noise 3-speed AC capacitor motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	1			
Coil	Row	3			
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	632×243×482		
	Packing (W×H×D) (CB)	mm	698×270×520		
	Net weight (CB)	kg	12.3		
	Gross weight (CB)	kg	14.4		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

Model name (MDKT3H-)			03S	03H	03U
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	510/384/256	510/384/256	510/385/257
		CFM	300/226/151	300/226/151	300/226/151
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	3.40/2.90/2.21	3.40/2.90/2.21	3.40/2.90/2.20
	Water flow rate (H/M/L)	m³/h	0.58/0.58/0.58		
	Water pressure (H/M/L)	kPa	24/19/14		
Heating	Capacity (H/M/L)	kW	5.67/4.52/3.18	5.67/4.52/3.18	5.67/4.52/3.17
	Water flow rate (H/M/L)	m³/h	0.58/0.58/0.58		
	Water pressure (H/M/L)	kPa	20/16/12		
Power input(H/M/L)		W	50/28/23	57/40/32	64/50/38
Auxiliary electric heater(AEH)		W	600	600	600
Current input(H/M/L)		A	0.23/0.13/0.10	0.26/0.18/0.15	0.29/0.23/0.17
Sound pressure level (H/M/L)		dB(A)	39.0/27.5/26.0	40.5/33.0/26.0	42.0/34.0/31.0
Fan motor	Type	Low noise 3-speed AC capacitor motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	2	1	1	
Coil	Row	3			
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	773×243×482		
	Packing (W×H×D) (CB)	mm	843×270×520		
	Net weight (CB)	kg	14.7		
	Gross weight (CB)	kg	16.9		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

Model name(MDKT3H-)			04S	04H	04U
Power supply		V/Ph/Hz	220-240/1/50		
Air flow(H/M/L)		m ³ /h	680/516/344		
		CFM	400/303/202		
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	4.41/3.77/2.90		
	Water flow rate (H/M/L)	m ³ /h	0.76/0.76/0.76		
	Water pressure (H/M/L)	kPa	24/21/16		
Heating	Capacity (H/M/L)	kW	7.35/5.89/4.19		
	Water flow rate (H/M/L)	m ³ /h	0.76/0.76/0.76		
	Water pressure (H/M/L)	kPa	20/17/13		
Power input (H/M/L)		W	60/47/39	70/47/40	81/64/57
Auxiliary electric heater(AEH)		W	1000	1000	1000
Current input (H/M/L)		A	0.27/0.21/0.18	0.32/0.21/0.18	0.37/0.29/0.26
Sound pressure level (H/M/L)		dB(A)	41.0/30.5/24.0	40.5/34.0/26.0	44.0/37.0/33.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		2		
Coil	Row		3		
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	908×243×482		
	Packing (W×H×D) (CB)	mm	978×270×520		
	Net weight (CB)	kg	17.6		
	Gross weight (CB)	kg	20.2		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

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2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

Model name (MDKT3H-)			05S	05H	05U
Power supply		V/Ph/Hz	220-240/1/50		
Air flow(H/M/L)		m³/h	850/643/429		
		CFM	500/379/252		
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	5.00/4.27/3.36		
	Water flow rate (H/M/L)	m³/h	0.86/0.86/0.86		
	Water pressure (H/M/L)	kPa	30/23/18		
Heating	Capacity (H/M/L)	kW	8.60/6.93/5.03		
	Water flow rate (H/M/L)	m³/h	0.86/0.86/0.86		
	Water pressure (H/M/L)	kPa	24/19/15		
Power input(H/M/L)		W	74/69/53	83/67/56	97/65/55
Auxiliary electric heater(AEH)		W	1000	1000	1000
Current input(H/M/L)		A	0.34/0.31/0.24	0.38/0.30/0.25	0.44/0.30/0.25
Sound pressure level(H/M/L)		dB(A)	43.0/34.0/28.5	42.0/36.0/27.0	46.0/40.0/33.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		2		
Coil	Row		3		
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	908×243×482		
	Packing (W×H×D) (CB)	mm	978×270×520		
	Net weight (CB)	kg	17.6		
	Gross weight (CB)	kg	20.2		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

Model name (MDKT3H-)			06S	06H	06U
Power supply		V/Ph/Hz	220-240/1/50		
Air flow(H/M/L)		m³/h	1020/784/523	1020/784/523	1020/799/533
		CFM	600/461/308	600/461/308	600/470/313
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	6.00/5.16/4.06	6.00/5.16/4.06	6.00/5.19/4.08
	Water flow rate (H/M/L)	m³/h	1.03/1.03/1.03		
	Water pressure (H/M/L)	kPa	38/28/25		
Heating	Capacity (H/M/L)	kW	9.98/8.14/5.96	9.98/8.14/5.96	9.98/8.19/6.01
	Water flow rate (H/M/L)	m³/h	1.03/1.03/1.03		
	Water pressure (H/M/L)	kPa	31/23/20		
Power input (H/M/L)		W	93/68/56	102/78/64	114/85/76
Auxiliary electric heater(AEH)		W	1500	1500	1500
Current input (H/M/L)		A	0.42/0.31/0.25	0.46/0.35/0.29	0.52/0.39/0.35
Sound pressure level (H/M/L)		dB(A)	45.0/36.6/31.0	43.0/37.0/27.0	47.0/42.0/33.0
Fan motor	Type	Low noise 3-speed AC capacitor motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	2			
Coil	Row	3			
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1003×243×482		
	Packing (W×H×D) (CB)	mm	1073×270×520		
	Net weight (CB)	kg	18.8		
	Gross weight (CB)	kg	21.5		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

Model name (MDKT3H-)			07S	07H	07U
Power supply		V/Ph/Hz	220-240/1/50		
Air flow(H/M/L)		m³/h	1150/866/578	1190/896/598	1190/896/598
		CFM	677/510/340	700/528/352	700/528/352
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	7.05/6.00/4.68	7.20/6.13/4.79	7.20/6.13/4.79
	Water flow rate (H/M/L)	m³/h	1.21/1.21/1.21	1.24/1.24/1.24	1.24/1.24/1.24
	Water pressure (H/M/L)	kPa	28/22/18	30/23/20	30/23/20
Heating	Capacity (H/M/L)	kW	11.70/9.39/6.81	12.00/9.66/7.01	12.00/9.66/7.01
	Water flow rate (H/M/L)	m³/h	1.21/1.21/1.21	1.24/1.24/1.24	1.24/1.24/1.24
	Water pressure (H/M/L)	kPa	23/18/15	24/19/16	24/19/16
Power input (H/M/L)		W	112/97/80	121/88/72	131/110/80
Auxiliary electric heater(AEH)		W	1500	1500	1500
Current input (H/M/L)		A	0.51/0.44/0.36	0.55/0.40/0.33	0.60/0.50/0.36
Sound pressure level (H/M/L)		dB(A)	46.0/38.0/30.0	46.0/39.0/31.0	48.0/43.0/37.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		2		
Coil	Row		3		
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1178×243×482		
	Packing (W×H×D) (CB)	mm	1248×270×520		
	Net weight (CB)	kg	21.4		
	Gross weight (CB)	kg	24.5		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

Model name (MDKT3H-)			08S	08H	08U
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m ³ /h	1360/1031/687		
		CFM	800/607/404		
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	8.03/6.87/5.40		
	Water flow rate (H/M/L)	m ³ /h	1.38/1.38/1.38		
	Water pressure (H/M/L)	kPa	40/31/25		
Heating	Capacity (H/M/L)	kW	13.60/10.98/8.02		
	Water flow rate (H/M/L)	m ³ /h	1.38/1.38/1.38		
	Water pressure (H/M/L)	kPa	32/25/20		
Power input (H/M/L)		W	130/114/95	135/100/80	169/122/83
Auxiliary electric heater(AEH)		W	2000	2000	2000
Current input (H/M/L)		A	0.59/0.52/0.43	0.61/0.45/0.36	0.77/0.55/0.38
Sound pressure level (H/M/L)		dB(A)	46.0/39.1/30.0	44.5/40.0/33.0	50.0/39.0/36.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		3		
Coil	Row		3		
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1368×243×482		
	Packing (W×H×D) (CB)	mm	1438×270×520		
	Net weight (CB)	kg	25.5		
	Gross weight (CB)	kg	29.1		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

Model name (MDKT3H-)			10S	10H	10U
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	1650/1247/831	1700/1284/856	1700/1284/856
		CFM	971/734/489	1000/756/504	1000/756/504
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	9.00/7.84/6.17	9.27/8.08/6.35	9.27/8.08/6.35
	Water flow rate (H/M/L)	m³/h	1.55/1.55/1.55	1.59/1.59/1.59	1.59/1.59/1.59
	Water pressure (H/M/L)	kPa	38/30/22	40/31/23	40/31/23
Heating	Capacity (H/M/L)	kW	15.60/12.82/9.36	16.00/13.16/9.61	16.00/13.16/9.61
	Water flow rate (H/M/L)	m³/h	1.55/1.55/1.55	1.59/1.59/1.59	1.59/1.59/1.59
	Water pressure (H/M/L)	kPa	31/24/18	32/25/19	32/25/19
Power input (H/M/L)		W	147/118/94	169/149/133	204/141/125
Auxiliary electric heater(AEH)		W	2000	2000	2000
Current input (H/M/L)		A	0.67/0.54/0.43	0.77/0.68/0.60	0.93/0.64/0.57
Sound pressure level (H/M/L)		dB(A)	48.0/40.7/33.0	47.0/42.0/35.0	51.0/45.0/40.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		3		
Coil	Row		3		
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1368×243×482		
	Packing (W×H×D) (CB)	mm	1438×270×520		
	Net weight (CB)	kg	26		
	Gross weight (CB)	kg	29.7		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply.
10. Auxiliary electric heater (AEH) is optional.

Model name (MDKT3H-)			12S	12H	12U
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m ³ /h	2040/1544/1029		
		CFM	1200/909/606		
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	11.20/9.75/7.67		
	Water flow rate (H/M/L)	m ³ /h	1.93/1.93/1.93		
	Water pressure (H/M/L)	kPa	40/32/24		
Heating	Capacity (H/M/L)	kW	19.20/15.78/11.53		
	Water flow rate (H/M/L)	m ³ /h	1.93/1.93/1.93		
	Water pressure (H/M/L)	kPa	32/26/20		
Power input (H/M/L)		W	183/133/112	206/157/126	243/173/128
Auxiliary electric heater(AEH)		W	2500	2500	2500
Current input (H/M/L)		A	0.83/0.60/0.51	0.94/0.71/0.57	1.10/0.79/0.58
Sound pressure level (H/M/L)		dB(A)	50.0/42.6/33.0	48.0/42.0/35.0	52.0/46.0/40.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		2		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		4		
Coil	Row		3		
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1658×243×482		
	Packing (W×H×D) (CB)	mm	1728×270×520		
	Net weight (CB)	kg	33.8		
	Gross weight (CB)	kg	39.5		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

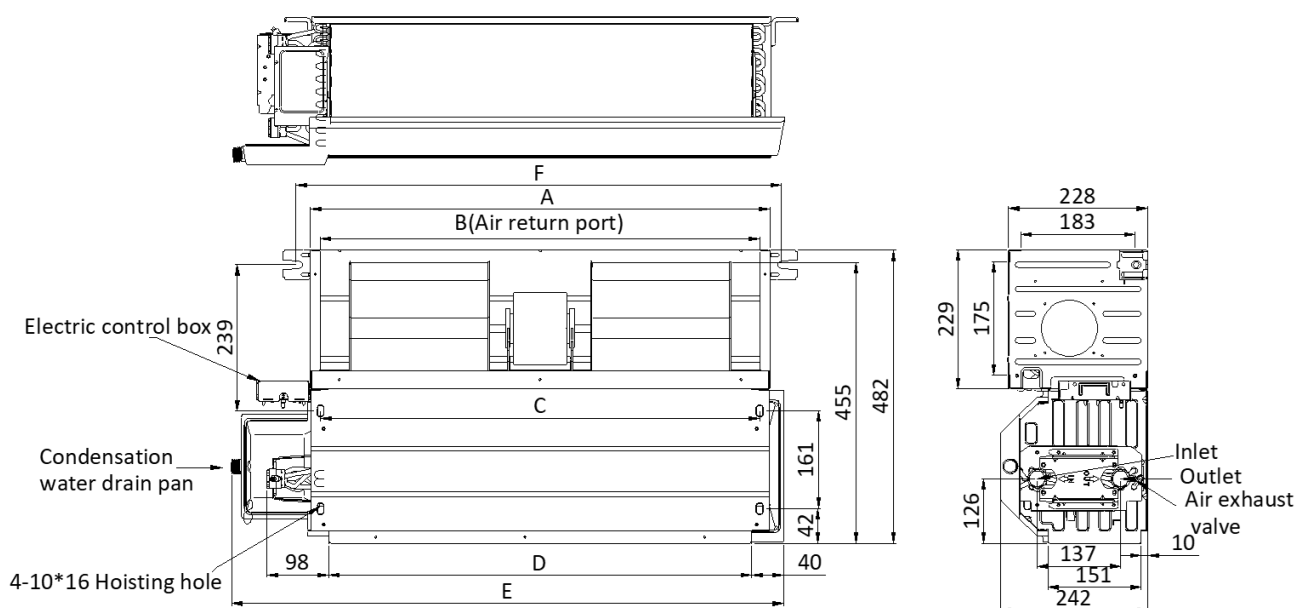
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply.
10. Auxiliary electric heater (AEH) is optional.

Model name (MDKT3H-)			14S	14H	14U
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	2380/1785/1190	2380/1785/1190	2380/1791/1194
		CFM	1400/1051/700	1400/1051/700	1400/1054/703
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	13.00/11.30/8.90	13.00/11.30/8.90	13.00/11.30/8.91
	Water flow rate (H/M/L)	m³/h	2.24/2.24/2.24		
	Water pressure (H/M/L)	kPa	50/39/31		
Heating	Capacity (H/M/L)	kW	22.16/18.23/13.37	22.16/18.23/13.37	22.16/18.25/13.39
	Water flow rate (H/M/L)	m³/h	2.24/2.24/2.24		
	Water pressure (H/M/L)	kPa	40/32/25		
Power input (H/M/L)		W	221/177/140	245/179/145	291/259/221
Auxiliary electric heater(AEH)		W	2500	2500	2500
Current input (H/M/L)		A	1.00/0.80/0.64	1.11/0.81/0.66	1.32/1.18/1.00
Sound pressure level (H/M/L)		dB(A)	52.0/47.1/34.0	49.5/43.0/36.0	53.0/49.0/42.5
Fan motor	Type	Low noise 3-speed AC capacitor motor			
	Quantity	2			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	4			
Coil	Row	3			
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1898×243×482		
	Packing (W×H×D) (CB)	mm	1968×270×520		
	Net weight (CB)	kg	35.3		
	Gross weight (CB)	kg	39.8		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply.
10. Auxiliary electric heater (AEH) is optional.

2 Dimensions



Model Size	02-model	03-Model	04-Model 05-Model	06-Model	07-Model	08-Model 10-Model	12-Model	14-Model
A	475	620	755	850	1025	1215	1505	1745
B	443	588	723	818	993	1183	1473	1713
C	443	588	723	818	993	1183	1473	1713
D	415	560	695	790	965	1155	1445	1685
E	627	772	907	1002	1177	1367	1657	1897
F	513	658	793	888	1063	1253	1543	1783

3 Capacity Tables

Cooling Capacity Table

MDKT3-02S																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	1.85	1.39	0.53	26.11	1.84	1.58	0.53	25.88	1.87	1.77	0.54	26.47	1.97	1.97	0.56	28.76	2.16	2.16	0.62	33.63
		17	2.43	1.40	0.70	41.58	2.42	1.59	0.69	41.12	2.40	1.78	0.69	40.65	2.38	1.96	0.68	40.05	2.38	2.15	0.68	39.83
		19	-	-	-	-	3.03	1.60	0.87	60.68	3.01	1.79	0.86	60.03	3.00	1.97	0.86	59.38	2.98	2.16	0.85	58.74
		20	-	-	-	-	3.36	1.60	0.97	73.60	3.34	1.79	0.97	72.80	3.32	1.98	0.95	71.01	3.30	2.16	0.95	71.44
	4	15	1.65	1.29	0.35	12.90	1.67	1.49	0.36	13.28	1.75	1.70	0.38	14.34	1.90	1.90	0.41	16.64	2.09	2.09	0.45	19.56
		17	2.26	1.31	0.49	22.30	2.24	1.51	0.48	22.05	2.23	1.69	0.48	21.81	2.22	1.88	0.48	21.68	2.25	2.08	0.48	22.11
		19	-	-	-	-	2.87	1.52	0.62	33.41	2.85	1.71	0.61	33.06	2.84	1.90	0.61	32.70	2.82	2.08	0.60	32.36
		20	-	-	-	-	3.20	1.53	0.69	40.35	3.18	1.72	0.68	39.92	3.17	1.91	0.68	39.69	3.15	2.09	0.68	39.29
	5	15	1.44	1.19	0.25	6.18	1.52	1.40	0.26	7.03	1.64	1.62	0.28	8.43	1.82	1.82	0.31	10.43	2.01	2.01	0.35	12.42
		17	2.04	1.22	0.35	12.71	2.03	1.41	0.35	12.56	2.02	1.60	0.35	12.47	2.05	1.80	0.35	12.77	2.11	2.00	0.36	13.48
		19	-	-	-	-	2.69	1.44	0.46	20.45	2.67	1.63	0.46	20.23	2.66	1.81	0.46	20.02	2.64	2.00	0.45	19.80
		20	-	-	-	-	3.02	1.44	0.52	24.82	3.01	1.64	0.52	24.55	2.99	1.82	0.51	24.29	2.97	2.01	0.51	24.04
	6	15	1.31	1.12	0.19	2.98	1.42	1.34	0.20	3.62	1.55	1.55	0.22	4.67	1.74	1.74	0.25	6.30	1.93	1.93	0.28	8.14
		17	1.80	1.11	0.26	6.88	1.79	1.30	0.26	6.79	1.82	1.50	0.26	7.09	1.89	1.71	0.27	7.74	1.99	1.92	0.28	8.70
		19	-	-	-	-	2.48	1.34	0.36	12.95	2.46	1.53	0.35	12.81	2.44	1.72	0.35	12.67	2.43	1.91	0.35	12.59
		20	-	-	-	-	2.83	1.36	0.41	16.23	2.81	1.55	0.40	16.06	2.79	1.74	0.40	15.89	2.77	1.92	0.40	15.72
7	3	15	1.42	1.18	0.41	16.33	1.46	1.39	0.42	17.31	1.59	1.59	0.46	19.90	1.78	1.78	0.51	23.86	1.97	1.97	0.57	28.72
		17	2.00	1.20	0.58	29.64	1.99	1.39	0.58	29.30	1.97	1.57	0.56	28.41	1.97	1.77	0.56	28.41	2.02	1.96	0.58	30.16
		19	-	-	-	-	2.61	1.40	0.75	46.29	2.59	1.59	0.75	45.79	2.58	1.78	0.74	45.28	2.56	1.96	0.74	44.77
		20	-	-	-	-	2.94	1.40	0.85	57.34	2.92	1.59	0.84	56.70	2.90	1.78	0.83	55.67	2.88	1.97	0.83	55.06
	4	15	1.23	1.09	0.26	7.49	1.34	1.31	0.29	8.98	1.51	1.51	0.33	11.11	1.71	1.71	0.37	13.71	1.90	1.90	0.41	16.42
		17	1.80	1.11	0.39	15.01	1.79	1.30	0.39	14.82	1.79	1.49	0.39	14.87	1.84	1.69	0.40	15.51	1.92	1.90	0.41	16.65
		19	-	-	-	-	2.43	1.32	0.52	24.82	2.42	1.51	0.52	24.54	2.40	1.70	0.52	24.27	2.39	1.88	0.51	24.00
		20	-	-	-	-	2.77	1.33	0.60	31.36	2.75	1.52	0.60	31.01	2.74	1.71	0.59	30.67	2.72	1.89	0.59	30.34
	5	15	1.11	1.02	0.19	3.17	1.24	1.23	0.21	4.33	1.43	1.43	0.25	6.26	1.63	1.63	0.28	8.42	1.82	1.82	0.31	10.35
		17	1.54	0.99	0.27	7.54	1.55	1.19	0.27	7.58	1.60	1.40	0.28	8.18	1.70	1.61	0.29	9.15	1.83	1.82	0.32	10.45
		19	-	-	-	-	2.22	1.23	0.38	14.48	2.21	1.42	0.38	14.31	2.19	1.61	0.38	14.13	2.20	1.80	0.38	14.19
		20	-	-	-	-	2.57	1.24	0.44	18.54	2.55	1.43	0.44	18.33	2.54	1.62	0.44	18.13	2.52	1.81	0.43	17.94
	6	15	1.01	0.96	0.15	1.80	1.18	1.17	0.17	2.36	1.36	1.36	0.20	3.45	1.55	1.55	0.22	4.84	1.74	1.74	0.25	6.53
		17	1.33	0.90	0.19	3.23	1.38	1.11	0.20	3.57	1.47	1.33	0.21	4.23	1.59	1.54	0.23	5.15	1.74	1.74	0.25	6.56
		19	-	-	-	-	1.97	1.12	0.28	8.51	1.95	1.31	0.28	8.38	1.96	1.51	0.28	8.45	2.01	1.71	0.29	8.85
		20	-	-	-	-	2.34	1.14	0.33	11.51	2.32	1.33	0.33	11.38	2.31	1.52	0.33	11.25	2.29	1.71	0.33	11.16

(Continued)

MDKT3-025																						
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	1.03	0.99	0.29	9.23	1.20	1.20	0.34	11.95	1.39	1.39	0.40	15.57	1.58	1.58	0.45	19.31	1.77	1.77	0.51	23.42
		17	1.53	0.99	0.44	18.13	1.52	1.18	0.44	17.90	1.54	1.38	0.44	18.38	1.62	1.58	0.46	19.95	1.78	1.78	0.51	23.50
		19	-	-	-	-	2.15	1.20	0.62	32.73	2.14	1.39	0.62	32.35	2.13	1.58	0.61	32.15	2.12	1.77	0.61	32.14
		20	-	-	-	-	2.49	1.20	0.72	42.59	2.47	1.39	0.71	41.47	2.45	1.58	0.71	41.01	2.44	1.77	0.70	40.54
	4	15	0.93	0.92	0.20	3.74	1.11	1.11	0.24	6.02	1.32	1.32	0.28	8.58	1.51	1.51	0.33	10.89	1.71	1.71	0.37	13.49
		17	1.28	0.88	0.27	8.12	1.31	1.09	0.28	8.52	1.40	1.30	0.30	9.48	1.52	1.51	0.33	11.00	1.71	1.71	0.37	13.53
		19	-	-	-	-	1.95	1.11	0.42	16.79	1.94	1.30	0.42	16.59	1.93	1.49	0.41	16.42	1.95	1.69	0.42	16.74
		20	-	-	-	-	2.30	1.12	0.50	22.24	2.28	1.32	0.49	21.98	2.26	1.50	0.49	21.73	2.25	1.69	0.49	21.47
	5	15	0.85	0.85	0.15	1.78	1.05	1.05	0.18	2.82	1.24	1.24	0.21	4.45	1.43	1.43	0.25	6.46	1.63	1.63	0.28	8.42
		17	1.06	0.79	0.18	2.96	1.15	1.01	0.20	3.66	1.27	1.23	0.22	4.80	1.43	1.43	0.25	6.48	1.63	1.63	0.28	8.44
		19	-	-	-	-	1.70	1.01	0.29	9.00	1.69	1.20	0.29	8.91	1.72	1.40	0.30	9.20	1.79	1.61	0.31	9.84
		20	-	-	-	-	2.06	1.03	0.36	12.56	2.05	1.22	0.35	12.41	2.03	1.41	0.35	12.25	2.04	1.60	0.35	12.29
	6	15	0.77	0.77	0.11	1.28	0.98	0.98	0.14	1.66	1.17	1.17	0.17	2.39	1.36	1.36	0.20	3.56	1.55	1.55	0.22	5.05
		17	0.90	0.72	0.13	1.49	1.04	0.95	0.15	1.83	1.19	1.17	0.17	2.47	1.36	1.36	0.20	3.57	1.55	1.55	0.22	5.07
		19	-	-	-	-	1.41	0.90	0.20	3.96	1.45	1.10	0.21	4.26	1.53	1.32	0.22	4.90	1.64	1.53	0.24	5.82
		20	-	-	-	-	1.78	0.92	0.25	6.98	1.76	1.11	0.25	6.85	1.77	1.31	0.25	6.95	1.83	1.51	0.26	7.39
11	3	15	0.79	0.79	0.23	5.31	1.00	1.00	0.28	8.55	1.20	1.20	0.34	11.64	1.39	1.39	0.40	15.15	1.58	1.58	0.45	18.76
		17	1.00	0.77	0.29	8.61	1.08	0.99	0.31	9.71	1.20	1.20	0.34	11.74	1.39	1.39	0.40	15.20	1.59	1.59	0.45	18.82
		19	-	-	-	-	1.66	0.99	0.47	20.27	1.64	1.18	0.47	20.00	1.65	1.38	0.47	20.04	1.69	1.58	0.48	21.00
		20	-	-	-	-	2.00	1.00	0.57	28.13	1.98	1.19	0.57	27.75	1.97	1.38	0.56	27.37	1.96	1.57	0.56	27.03
	4	15	0.73	0.73	0.16	1.98	0.92	0.92	0.20	3.71	1.12	1.12	0.24	6.11	1.32	1.32	0.28	8.41	1.51	1.51	0.32	10.63
		17	0.82	0.69	0.18	2.71	0.94	0.91	0.20	4.01	1.12	1.12	0.24	6.12	1.32	1.32	0.28	8.43	1.52	1.52	0.32	10.67
		19	-	-	-	-	1.40	0.89	0.30	9.32	1.41	1.09	0.30	9.43	1.47	1.30	0.32	10.13	1.57	1.51	0.34	11.31
		20	-	-	-	-	1.77	0.91	0.38	13.83	1.76	1.11	0.38	13.66	1.75	1.30	0.37	13.52	1.77	1.49	0.38	13.87
	5	15	0.65	0.65	0.11	1.24	0.86	0.86	0.15	1.77	1.05	1.05	0.18	2.96	1.24	1.24	0.21	4.65	1.44	1.44	0.25	6.59
		17	0.70	0.63	0.12	1.33	0.87	0.85	0.15	1.82	1.05	1.05	0.18	2.97	1.24	1.24	0.21	4.67	1.44	1.44	0.25	6.62
		19	-	-	-	-	1.13	0.79	0.19	3.65	1.21	1.00	0.21	4.35	1.32	1.22	0.23	5.44	1.46	1.44	0.25	6.81
		20	-	-	-	-	1.48	0.80	0.26	6.99	1.47	1.00	0.25	6.91	1.52	1.20	0.26	7.32	1.60	1.42	0.28	8.02
	6	15	0.57	0.57	0.08	0.89	0.78	0.78	0.11	1.23	0.98	0.98	0.14	1.63	1.17	1.17	0.17	2.48	1.36	1.36	0.20	3.72
		17	0.58	0.55	0.08	0.90	0.78	0.78	0.11	1.23	0.98	0.98	0.14	1.64	1.18	1.18	0.17	2.49	1.37	1.37	0.20	3.74
		19	-	-	-	-	0.96	0.72	0.14	1.55	1.08	0.94	0.16	2.00	1.22	1.16	0.17	2.73	1.37	1.37	0.20	3.78
		20	-	-	-	-	1.19	0.70	0.17	2.60	1.24	0.91	0.18	2.91	1.33	1.12	0.19	3.52	1.45	1.34	0.21	4.40

(Continued)

MDKT3-02S																						
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	0.60	0.60	0.17	2.62	0.80	0.80	0.23	5.58	1.00	1.00	0.29	8.54	1.20	1.20	0.34	11.61	1.39	1.39	0.40	14.99
		17	0.61	0.59	0.17	2.78	0.80	0.80	0.23	5.60	1.00	1.00	0.29	8.57	1.20	1.20	0.34	11.64	1.39	1.39	0.40	15.03
		19	-	-	-	-	1.09	0.78	0.31	9.93	1.14	0.98	0.33	10.68	1.24	1.20	0.36	12.26	1.39	1.39	0.40	15.05
		20	-	-	-	-	1.45	0.79	0.42	16.13	1.44	0.99	0.41	15.88	1.45	1.18	0.42	16.03	1.50	1.38	0.43	17.07
	4	15	0.52	0.52	0.11	1.20	0.73	0.73	0.16	2.07	0.92	0.92	0.20	3.93	1.12	1.12	0.24	6.20	1.32	1.32	0.28	8.28
		17	0.53	0.53	0.11	1.21	0.73	0.73	0.16	2.08	0.92	0.92	0.20	3.95	1.12	1.12	0.24	6.22	1.32	1.32	0.28	8.31
		19	-	-	-	-	0.86	0.68	0.18	3.27	0.98	0.90	0.21	4.61	1.13	1.12	0.24	6.31	1.32	1.32	0.28	8.34
		20	-	-	-	-	1.14	0.68	0.25	6.46	1.17	0.89	0.25	6.76	1.26	1.10	0.27	7.64	1.37	1.31	0.29	8.85
	5	15	0.44	0.44	0.07	0.78	0.65	0.65	0.11	1.18	0.86	0.86	0.15	1.77	1.05	1.05	0.18	3.03	1.24	1.24	0.21	4.74
		17	0.44	0.44	0.07	0.78	0.65	0.65	0.11	1.18	0.86	0.86	0.15	1.78	1.05	1.05	0.18	3.04	1.24	1.24	0.21	4.76
		19	-	-	-	-	0.72	0.62	0.12	1.30	0.88	0.84	0.15	1.90	1.05	1.05	0.18	3.05	1.24	1.24	0.21	4.79
		20	-	-	-	-	0.88	0.59	0.15	1.94	0.98	0.81	0.17	2.57	1.11	1.02	0.19	3.56	1.26	1.24	0.22	4.93
	6	15	0.34	0.34	0.05	0.50	0.57	0.57	0.08	0.84	0.78	0.78	0.11	1.16	0.98	0.98	0.14	1.62	1.17	1.17	0.17	2.55
		17	0.34	0.34	0.05	0.50	0.57	0.57	0.08	0.84	0.78	0.78	0.11	1.16	0.99	0.99	0.14	1.63	1.17	1.17	0.17	2.56
		19	-	-	-	-	0.59	0.55	0.08	0.87	0.79	0.78	0.11	1.17	0.99	0.98	0.14	1.63	1.18	1.18	0.17	2.57
		20	-	-	-	-	0.68	0.51	0.10	1.00	0.85	0.75	0.12	1.28	1.02	0.97	0.15	1.75	1.18	1.18	0.17	2.59
15	3	15	0.39	0.39	0.11	1.15	0.59	0.59	0.17	2.65	0.80	0.80	0.23	5.56	1.00	1.00	0.28	8.30	1.19	1.19	0.34	11.26
		17	0.39	0.39	0.11	1.15	0.60	0.60	0.17	2.67	0.80	0.80	0.23	5.58	1.00	1.00	0.29	8.32	1.20	1.20	0.34	11.29
		19	-	-	-	-	0.62	0.58	0.18	2.99	0.80	0.79	0.23	5.58	1.00	1.00	0.29	8.35	1.20	1.20	0.34	11.33
		20	-	-	-	-	0.80	0.56	0.23	5.67	0.90	0.78	0.26	6.89	1.02	1.00	0.29	8.65	1.20	1.20	0.34	11.33
	4	15	0.31	0.31	0.07	0.66	0.52	0.52	0.11	1.14	0.73	0.73	0.16	2.11	0.92	0.92	0.20	4.00	1.12	1.12	0.24	6.19
		17	0.31	0.31	0.07	0.66	0.53	0.53	0.11	1.14	0.73	0.73	0.16	2.12	0.92	0.92	0.20	4.02	1.12	1.12	0.24	6.21
		19	-	-	-	-	0.53	0.52	0.11	1.15	0.73	0.73	0.16	2.12	0.92	0.92	0.20	4.04	1.13	1.13	0.24	6.23
		20	-	-	-	-	0.61	0.49	0.13	1.41	0.76	0.71	0.16	2.39	0.92	0.92	0.20	4.06	1.13	1.13	0.24	6.24
	5	15	0.20	0.20	0.03	0.34	0.44	0.44	0.08	0.76	0.66	0.66	0.11	1.13	0.86	0.86	0.15	1.85	1.05	1.05	0.18	3.20
		17	0.20	0.20	0.03	0.34	0.44	0.44	0.08	0.76	0.66	0.66	0.11	1.14	0.86	0.86	0.15	1.86	1.05	1.05	0.18	3.21
		19	-	-	-	-	0.44	0.44	0.08	0.76	0.66	0.66	0.11	1.14	0.86	0.86	0.15	1.86	1.05	1.05	0.18	3.22
		20	-	-	-	-	0.47	0.42	0.08	0.80	0.67	0.65	0.12	1.16	0.86	0.86	0.15	1.86	1.05	1.05	0.18	3.23
	6	15	-	-	-	-	0.34	0.34	0.05	0.48	0.57	0.57	0.08	0.81	0.79	0.79	0.11	1.12	0.98	0.98	0.14	1.67
		17	-	-	-	-	0.34	0.34	0.05	0.48	0.57	0.57	0.08	0.81	0.79	0.79	0.11	1.12	0.99	0.99	0.14	1.68
		19	-	-	-	-	0.34	0.34	0.05	0.48	0.58	0.58	0.08	0.81	0.79	0.79	0.11	1.12	0.99	0.99	0.14	1.68
		20	-	-	-	-	0.35	0.34	0.05	0.49	0.58	0.58	0.08	0.81	0.79	0.79	0.11	1.12	0.99	0.99	0.14	1.69

Abbreviations:

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

Heating Capacity Table

MDKT3-02S													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	2.24	0.24	5.52	2.01	0.22	4.57	1.77	0.19	3.69	1.53	0.16	2.88
	10	2.11	0.18	3.42	1.86	0.16	2.76	1.61	0.14	2.06	1.37	0.12	1.35
	12	1.95	0.14	2.07	1.70	0.12	1.46	1.46	0.11	0.97	1.21	0.09	0.64
	14	1.79	0.11	1.08	1.54	0.09	0.75	1.28	0.08	0.57	0.99	0.06	0.45
	16	1.62	0.09	0.66	1.34	0.07	0.54	1.04	0.06	0.42	0.70	0.04	0.29
45	8	2.82	0.30	7.95	2.58	0.28	6.85	2.35	0.25	5.82	2.12	0.23	4.87
	10	2.71	0.23	5.08	2.47	0.21	4.34	2.23	0.19	3.65	1.99	0.17	3.01
	12	2.57	0.19	3.45	2.33	0.17	2.91	2.08	0.15	2.40	1.83	0.13	1.85
	14	2.42	0.15	2.37	2.16	0.13	1.89	1.91	0.12	1.39	1.67	0.10	0.96
	16	2.25	0.12	1.48	2.00	0.11	1.08	1.75	0.09	0.77	1.49	0.08	0.56
50	8	3.39	0.37	10.65	3.15	0.34	9.40	2.92	0.31	8.24	2.69	0.29	7.14
	10	3.29	0.28	6.94	3.05	0.26	6.10	2.81	0.24	5.31	2.58	0.22	4.58
	12	3.17	0.23	4.78	2.93	0.21	4.18	2.69	0.19	3.61	2.45	0.18	3.08
	14	3.04	0.19	3.45	2.80	0.17	2.99	2.55	0.16	2.55	2.30	0.14	2.14
	16	2.89	0.16	2.55	2.64	0.14	2.16	2.38	0.13	1.77	2.13	0.11	1.36
55	8	3.95	0.43	13.62	3.71	0.40	12.24	3.48	0.37	10.93	3.25	0.35	9.69
	10	3.86	0.33	8.95	3.62	0.31	8.02	3.38	0.29	7.14	3.15	0.27	6.31
	12	3.75	0.27	6.24	3.51	0.25	5.57	3.28	0.24	4.94	3.04	0.22	4.34
	14	3.64	0.22	4.58	3.40	0.21	4.07	3.16	0.19	3.59	2.91	0.18	3.13
	16	3.51	0.19	3.44	3.27	0.18	3.04	3.02	0.16	2.66	2.77	0.15	2.30
60	8	4.51	0.49	16.92	4.27	0.46	15.39	4.04	0.43	13.87	3.80	0.41	12.50
	10	4.42	0.38	11.08	4.18	0.36	10.06	3.95	0.34	9.09	3.71	0.32	8.18
	12	4.33	0.31	7.84	4.09	0.29	7.10	3.85	0.28	6.40	3.61	0.26	5.74
	14	4.23	0.26	5.77	3.98	0.25	5.21	3.74	0.23	4.68	3.50	0.22	4.18
	16	4.11	0.22	4.41	3.87	0.21	3.97	3.63	0.20	3.55	3.38	0.18	3.15

Abbreviations:

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

Cooling Capacity Table

MDKT3-02H/MDKT3-02U																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	1.94	1.44	0.55	27.97	1.93	1.64	0.55	27.69	1.95	1.84	0.56	28.27	2.04	2.04	0.58	30.62	2.23	2.23	0.64	35.68
		17	2.54	1.45	0.73	44.49	2.52	1.65	0.72	43.98	2.50	1.84	0.72	43.48	2.49	2.03	0.71	42.99	2.48	2.22	0.71	42.71
		19	-	-	-	-	3.16	1.66	0.91	65.96	3.14	1.86	0.91	65.22	3.12	2.05	0.90	64.50	3.10	2.23	0.89	63.79
		20	-	-	-	-	3.49	1.67	1.00	77.72	3.47	1.86	1.00	77.75	3.45	2.05	1.00	76.94	3.43	2.24	0.99	76.07
	4	15	1.75	1.35	0.38	14.33	1.77	1.56	0.38	14.61	1.84	1.77	0.39	15.57	1.98	1.97	0.43	17.79	2.17	2.17	0.47	20.87
		17	2.37	1.38	0.51	24.06	2.36	1.57	0.51	23.79	2.34	1.76	0.50	23.52	2.33	1.96	0.50	23.34	2.35	2.15	0.50	23.68
		19	-	-	-	-	3.01	1.59	0.64	36.14	2.99	1.78	0.64	35.75	2.97	1.97	0.64	35.35	2.95	2.16	0.63	34.97
		20	-	-	-	-	3.34	1.60	0.72	43.50	3.32	1.79	0.71	43.03	3.30	1.98	0.71	42.56	3.28	2.17	0.70	42.10
	5	15	1.55	1.25	0.27	7.36	1.61	1.47	0.28	8.16	1.73	1.69	0.30	9.43	1.90	1.90	0.33	11.28	2.10	2.10	0.36	13.34
		17	2.18	1.28	0.37	14.14	2.16	1.48	0.37	13.98	2.15	1.68	0.37	13.85	2.17	1.88	0.37	14.08	2.22	2.08	0.38	14.70
		19	-	-	-	-	2.83	1.51	0.49	22.16	2.81	1.70	0.48	21.91	2.79	1.89	0.48	21.67	2.78	2.08	0.48	21.44
		20	-	-	-	-	3.18	1.52	0.55	27.03	3.16	1.71	0.54	26.73	3.14	1.91	0.54	26.45	3.12	2.10	0.54	26.16
	6	15	1.40	1.18	0.20	3.55	1.50	1.40	0.21	4.26	1.64	1.62	0.23	5.37	1.82	1.82	0.26	7.11	2.02	2.02	0.29	9.00
		17	1.94	1.18	0.28	8.23	1.93	1.37	0.28	8.11	1.95	1.58	0.28	8.33	2.01	1.79	0.29	8.89	2.10	2.01	0.30	9.72
		19	-	-	-	-	2.63	1.42	0.38	14.40	2.62	1.61	0.38	14.24	2.60	1.81	0.37	14.08	2.59	2.00	0.37	13.96
		20	-	-	-	-	2.99	1.43	0.43	17.75	2.97	1.63	0.42	17.56	2.95	1.82	0.42	17.37	2.93	2.01	0.42	17.18
7	3	15	1.50	1.23	0.43	17.95	1.54	1.44	0.44	18.80	1.65	1.65	0.47	20.96	1.84	1.84	0.53	25.39	2.04	2.04	0.59	30.51
		17	2.10	1.25	0.61	32.15	2.09	1.44	0.60	31.77	2.07	1.64	0.60	31.38	2.07	1.83	0.60	31.34	2.11	2.03	0.61	32.35
		19	-	-	-	-	2.72	1.46	0.78	49.82	2.71	1.65	0.78	49.25	2.69	1.84	0.77	48.69	2.67	2.03	0.77	48.14
		20	-	-	-	-	3.06	1.46	0.88	61.09	3.04	1.66	0.87	60.40	3.02	1.85	0.87	59.71	3.00	2.04	0.86	59.04
	4	15	1.31	1.14	0.28	8.64	1.42	1.37	0.30	9.92	1.58	1.58	0.34	12.02	1.78	1.78	0.38	14.70	1.97	1.97	0.42	17.37
		17	1.91	1.16	0.41	16.59	1.90	1.36	0.41	16.39	1.90	1.56	0.41	16.37	1.93	1.76	0.41	16.72	2.01	1.97	0.43	17.94
		19	-	-	-	-	2.56	1.38	0.55	27.03	2.54	1.58	0.55	26.73	2.52	1.77	0.54	26.43	2.51	1.96	0.54	26.12
		20	-	-	-	-	2.90	1.39	0.63	33.97	2.88	1.59	0.62	33.60	2.87	1.78	0.62	33.23	2.85	1.97	0.62	32.85
	5	15	1.18	1.07	0.20	3.75	1.31	1.29	0.23	5.01	1.50	1.50	0.26	7.04	1.70	1.70	0.29	9.20	1.90	1.90	0.33	11.14
		17	1.67	1.06	0.29	8.84	1.67	1.26	0.29	8.83	1.71	1.47	0.29	9.29	1.80	1.69	0.31	10.11	1.92	1.90	0.33	11.31
		19	-	-	-	-	2.36	1.30	0.41	16.10	2.35	1.49	0.40	15.92	2.33	1.68	0.40	15.73	2.33	1.88	0.40	15.71
		20	-	-	-	-	2.71	1.31	0.47	20.36	2.70	1.50	0.46	20.14	2.68	1.70	0.46	19.91	2.66	1.89	0.46	19.69
	6	15	1.08	1.01	0.16	1.99	1.24	1.24	0.18	2.69	1.43	1.43	0.21	3.95	1.63	1.63	0.23	5.50	1.83	1.83	0.26	7.29
		17	1.43	0.96	0.21	3.97	1.48	1.17	0.21	4.32	1.56	1.39	0.22	4.94	1.68	1.61	0.24	5.96	1.83	1.83	0.26	7.34
		19	-	-	-	-	2.12	1.19	0.30	9.75	2.10	1.39	0.30	9.63	2.10	1.59	0.30	9.63	2.14	1.79	0.31	9.93
		20	-	-	-	-	2.50	1.21	0.36	12.88	2.48	1.41	0.36	12.73	2.46	1.60	0.35	12.58	2.45	1.80	0.35	12.46

(Continued)

MDKT3-02H/MDKT3-02U																						
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	1.09	1.03	0.31	10.14	1.25	1.25	0.36	12.83	1.45	1.45	0.42	16.67	1.64	1.64	0.47	20.58	1.84	1.84	0.53	24.91
		17	1.62	1.03	0.46	19.93	1.60	1.23	0.46	19.67	1.62	1.43	0.47	20.04	1.69	1.64	0.48	21.47	1.84	1.84	0.53	24.99
		19	-	-	-	-	2.26	1.25	0.65	35.46	2.24	1.44	0.64	35.04	2.23	1.64	0.64	34.63	2.21	1.83	0.64	34.24
		20	-	-	-	-	2.60	1.26	0.75	45.92	2.58	1.45	0.75	45.39	2.57	1.65	0.74	44.86	2.55	1.84	0.74	44.35
	4	15	0.98	0.96	0.21	4.35	1.17	1.17	0.25	6.76	1.38	1.38	0.30	9.28	1.58	1.58	0.34	11.70	1.78	1.78	0.38	14.29
		17	1.38	0.94	0.30	9.30	1.40	1.14	0.30	9.58	1.48	1.36	0.32	10.45	1.59	1.58	0.34	11.90	1.78	1.78	0.38	14.33
		19	-	-	-	-	2.07	1.17	0.45	18.57	2.05	1.36	0.44	18.35	2.04	1.56	0.44	18.14	2.05	1.76	0.44	18.37
		20	-	-	-	-	2.42	1.18	0.52	24.46	2.40	1.38	0.52	24.18	2.39	1.57	0.52	23.90	2.37	1.76	0.51	23.61
	5	15	0.90	0.90	0.16	1.98	1.10	1.10	0.19	3.24	1.30	1.30	0.22	5.08	1.50	1.50	0.26	7.19	1.70	1.70	0.29	9.10
		17	1.14	0.84	0.20	3.62	1.23	1.06	0.21	4.38	1.35	1.29	0.23	5.58	1.51	1.51	0.26	7.23	1.71	1.71	0.29	9.13
		19	-	-	-	-	1.83	1.07	0.31	10.21	1.81	1.27	0.31	10.08	1.84	1.47	0.32	10.30	1.90	1.68	0.33	10.87
		20	-	-	-	-	2.20	1.09	0.38	14.12	2.18	1.29	0.38	13.83	2.17	1.48	0.37	13.66	2.17	1.68	0.37	13.64
	6	15	0.82	0.82	0.12	1.37	1.04	1.04	0.15	1.82	1.24	1.24	0.18	2.73	1.43	1.43	0.21	4.07	1.63	1.63	0.23	5.70
		17	0.98	0.77	0.14	1.66	1.12	1.00	0.16	2.11	1.26	1.22	0.18	2.88	1.43	1.43	0.21	4.08	1.63	1.63	0.23	5.73
		19	-	-	-	-	1.53	0.95	0.22	4.94	1.57	1.17	0.22	5.20	1.64	1.38	0.24	5.84	1.75	1.60	0.25	6.72
		20	-	-	-	-	1.93	0.98	0.28	8.18	1.92	1.18	0.27	8.06	1.92	1.38	0.28	8.08	1.96	1.59	0.28	8.43
11	3	15	0.83	0.83	0.24	6.00	1.04	1.04	0.30	9.23	1.25	1.25	0.36	12.50	1.45	1.45	0.41	16.08	1.64	1.64	0.47	19.99
		17	1.08	0.81	0.31	9.73	1.14	1.03	0.33	10.72	1.26	1.25	0.36	12.67	1.45	1.45	0.41	16.14	1.65	1.65	0.47	20.05
		19	-	-	-	-	1.75	1.04	0.50	22.24	1.73	1.23	0.50	21.94	1.73	1.43	0.49	21.90	1.77	1.64	0.51	22.73
		20	-	-	-	-	2.10	1.05	0.60	30.36	2.08	1.24	0.59	29.99	2.07	1.44	0.59	29.63	2.05	1.63	0.59	29.28
	4	15	0.77	0.77	0.16	2.26	0.97	0.97	0.21	4.25	1.17	1.17	0.25	6.79	1.38	1.38	0.30	9.07	1.58	1.58	0.34	11.41
		17	0.88	0.73	0.19	3.28	1.00	0.95	0.21	4.70	1.17	1.17	0.25	6.81	1.38	1.38	0.30	9.10	1.58	1.58	0.34	11.45
		19	-	-	-	-	1.51	0.94	0.32	10.55	1.51	1.15	0.32	10.59	1.56	1.36	0.33	11.22	1.65	1.57	0.35	12.32
		20	-	-	-	-	1.88	0.96	0.40	15.37	1.87	1.16	0.40	15.17	1.85	1.36	0.40	15.00	1.87	1.56	0.40	15.27
	5	15	0.69	0.69	0.12	1.33	0.90	0.90	0.16	2.00	1.10	1.10	0.19	3.39	1.30	1.30	0.22	5.27	1.51	1.51	0.26	7.23
		17	0.75	0.66	0.13	1.44	0.92	0.90	0.16	2.08	1.10	1.10	0.19	3.40	1.30	1.30	0.22	5.29	1.51	1.51	0.26	7.26
		19	-	-	-	-	1.22	0.84	0.21	4.53	1.30	1.06	0.22	5.24	1.41	1.28	0.24	6.30	1.54	1.50	0.27	7.55
		20	-	-	-	-	1.61	0.86	0.28	8.12	1.60	1.06	0.28	8.01	1.63	1.27	0.28	8.31	1.70	1.48	0.29	8.94
	6	15	0.61	0.61	0.09	0.95	0.83	0.83	0.12	1.31	1.04	1.04	0.15	1.83	1.24	1.24	0.18	2.85	1.43	1.43	0.21	4.24
		17	0.63	0.59	0.09	0.98	0.83	0.83	0.12	1.31	1.04	1.04	0.15	1.83	1.24	1.24	0.18	2.86	1.43	1.43	0.21	4.26
		19	-	-	-	-	1.04	0.76	0.15	1.83	1.16	0.99	0.17	2.39	1.29	1.21	0.19	3.21	1.45	1.43	0.21	4.36
		20	-	-	-	-	1.30	0.74	0.19	3.28	1.34	0.96	0.19	3.59	1.43	1.18	0.21	4.26	1.54	1.40	0.22	5.11

(Continued)

MDKT3-02H/MDKT3-02U																							
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	0.63	0.63	0.18	3.02	0.84	0.84	0.24	6.22	1.04	1.04	0.30	9.21	1.25	1.25	0.36	12.44	1.44	1.44	0.42	16.00	
		17	0.65	0.62	0.19	3.27	0.84	0.83	0.24	6.23	1.05	1.05	0.30	9.24	1.25	1.25	0.36	12.48	1.45	1.45	0.42	16.05	
		19	-	-	-	-	1.17	0.82	0.34	11.18	1.21	1.03	0.35	11.83	1.30	1.24	0.37	13.12	1.45	1.44	0.42	16.06	
		20	-	-	-	-	1.54	0.83	0.44	17.84	1.53	1.03	0.44	17.58	1.53	1.23	0.44	17.65	1.58	1.44	0.45	18.57	
	4	15	0.56	0.56	0.12	1.29	0.77	0.77	0.16	2.39	0.97	0.97	0.21	4.48	1.17	1.17	0.25	6.79	1.38	1.38	0.30	8.92	
		17	0.56	0.56	0.12	1.29	0.77	0.77	0.17	2.40	0.97	0.97	0.21	4.50	1.18	1.18	0.25	6.81	1.38	1.38	0.30	8.95	
		19	-	-	-	-	0.93	0.72	0.20	4.01	1.04	0.95	0.22	5.30	1.19	1.17	0.26	6.97	1.38	1.38	0.30	8.98	
		20	-	-	-	-	1.25	0.73	0.27	7.56	1.27	0.93	0.27	7.74	1.34	1.15	0.29	8.53	1.45	1.37	0.31	9.70	
	5	15	0.47	0.47	0.08	0.85	0.69	0.69	0.12	1.26	0.90	0.90	0.15	2.03	1.10	1.10	0.19	3.47	1.30	1.30	0.22	5.33	
		17	0.47	0.47	0.08	0.85	0.70	0.70	0.12	1.26	0.90	0.90	0.15	2.04	1.10	1.10	0.19	3.49	1.30	1.30	0.22	5.35	
		19	-	-	-	-	0.78	0.66	0.13	1.46	0.93	0.89	0.16	2.24	1.10	1.10	0.19	3.51	1.31	1.31	0.22	5.38	
		20	-	-	-	-	0.96	0.62	0.16	2.41	1.06	0.85	0.18	3.13	1.18	1.08	0.20	4.22	1.33	1.30	0.23	5.61	
	6	15	0.37	0.37	0.05	0.54	0.61	0.61	0.09	0.91	0.83	0.83	0.12	1.24	1.04	1.04	0.15	1.84	1.23	1.23	0.18	2.92	
		17	0.37	0.37	0.05	0.54	0.61	0.61	0.09	0.91	0.83	0.83	0.12	1.24	1.04	1.04	0.15	1.85	1.24	1.24	0.18	2.94	
		19	-	-	-	-	0.65	0.59	0.09	0.95	0.84	0.83	0.12	1.26	1.04	1.04	0.15	1.85	1.24	1.24	0.18	2.95	
		20	-	-	-	-	0.75	0.55	0.11	1.11	0.92	0.79	0.13	1.43	1.08	1.02	0.15	2.05	1.25	1.23	0.18	3.01	
15	3	15	0.42	0.42	0.12	1.23	0.63	0.63	0.18	3.06	0.84	0.84	0.24	6.12	1.04	1.04	0.30	8.93	1.24	1.24	0.35	12.05	
		17	0.42	0.42	0.12	1.23	0.63	0.63	0.18	3.07	0.84	0.84	0.24	6.14	1.04	1.04	0.30	8.96	1.25	1.25	0.36	12.09	
		19	-	-	-	-	0.66	0.61	0.19	3.56	0.84	0.84	0.24	6.15	1.05	1.05	0.30	8.99	1.25	1.25	0.36	12.13	
		20	-	-	-	-	0.88	0.60	0.25	6.66	0.96	0.82	0.27	7.73	1.08	1.04	0.31	9.44	1.25	1.24	0.36	12.12	
	4	15	0.33	0.33	0.07	0.72	0.56	0.56	0.12	1.22	0.76	0.76	0.16	2.43	0.97	0.97	0.21	4.54	1.17	1.17	0.25	6.71	
		17	0.33	0.33	0.07	0.72	0.56	0.56	0.12	1.22	0.76	0.76	0.16	2.44	0.97	0.97	0.21	4.56	1.18	1.18	0.25	6.73	
		19	-	-	-	-	0.57	0.55	0.12	1.25	0.77	0.76	0.16	2.44	0.97	0.97	0.21	4.58	1.18	1.18	0.25	6.75	
		20	-	-	-	-	0.67	0.52	0.14	1.68	0.81	0.75	0.17	2.84	0.98	0.97	0.21	4.64	1.18	1.18	0.25	6.76	
	5	15	0.22	0.22	0.04	0.38	0.48	0.48	0.08	0.82	0.70	0.70	0.12	1.22	0.90	0.90	0.16	2.13	1.10	1.10	0.19	3.65	
		17	0.22	0.22	0.04	0.38	0.48	0.48	0.08	0.82	0.70	0.70	0.12	1.22	0.90	0.90	0.16	2.14	1.10	1.10	0.19	3.67	
		19	-	-	-	-	0.48	0.48	0.08	0.82	0.70	0.70	0.12	1.23	0.91	0.91	0.16	2.15	1.11	1.11	0.19	3.69	
		20	-	-	-	-	0.51	0.45	0.09	0.88	0.72	0.69	0.12	1.27	0.91	0.90	0.16	2.15	1.11	1.11	0.19	3.70	
	6	15	-	-	-	-	0.38	0.38	0.05	0.53	0.62	0.62	0.09	0.87	0.83	0.83	0.12	1.21	1.04	1.04	0.15	1.92	
		17	-	-	-	-	0.38	0.38	0.05	0.53	0.62	0.62	0.09	0.87	0.84	0.84	0.12	1.21	1.04	1.04	0.15	1.93	
		19	-	-	-	-	0.38	0.38	0.05	0.53	0.62	0.62	0.09	0.87	0.84	0.84	0.12	1.21	1.04	1.04	0.15	1.94	
		20	-	-	-	-	0.38	0.37	0.06	0.54	0.62	0.62	0.09	0.88	0.84	0.84	0.12	1.21	1.04	1.04	0.15	1.94	

Abbreviations:

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

Heating Capacity Table

MDKT3-02H/MDKT3-02U													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	2.40	0.26	6.17	2.15	0.23	5.14	1.91	0.21	4.18	1.66	0.18	3.31
	10	2.28	0.20	3.90	2.03	0.17	3.20	1.77	0.15	2.51	1.51	0.13	1.74
	12	2.14	0.15	2.54	1.87	0.13	1.89	1.61	0.12	1.27	1.35	0.10	0.80
	14	1.97	0.12	1.42	1.71	0.11	0.97	1.44	0.09	0.67	1.14	0.07	0.51
	16	1.81	0.10	0.81	1.52	0.08	0.62	1.21	0.07	0.49	0.84	0.05	0.35
45	8	2.99	0.32	8.78	2.75	0.30	7.59	2.50	0.27	6.48	2.26	0.24	5.45
	10	2.89	0.25	5.68	2.64	0.23	4.88	2.39	0.21	4.13	2.15	0.19	3.43
	12	2.78	0.20	3.92	2.52	0.18	3.34	2.27	0.16	2.78	2.01	0.14	2.25
	14	2.64	0.16	2.78	2.37	0.15	2.29	2.11	0.13	1.78	1.84	0.11	1.26
	16	2.48	0.13	1.89	2.21	0.12	1.42	1.95	0.11	1.01	1.68	0.09	0.69
50	8	3.57	0.38	11.66	3.33	0.36	10.32	3.08	0.33	9.06	2.84	0.31	7.88
	10	3.49	0.30	7.68	3.24	0.28	6.77	3.00	0.26	5.92	2.75	0.24	5.12
	12	3.39	0.24	5.35	3.14	0.23	4.69	2.89	0.21	4.08	2.64	0.19	3.50
	14	3.28	0.20	3.90	3.02	0.19	3.40	2.76	0.17	2.93	2.51	0.15	2.48
	16	3.15	0.17	2.93	2.88	0.16	2.53	2.62	0.14	2.13	2.35	0.13	1.72
55	8	4.15	0.45	14.91	3.91	0.42	13.34	3.66	0.39	11.93	3.42	0.37	10.61
	10	4.07	0.35	9.82	3.83	0.33	8.82	3.58	0.31	7.87	3.34	0.29	6.97
	12	3.99	0.29	6.91	3.74	0.27	6.19	3.49	0.25	5.50	3.24	0.23	4.85
	14	3.89	0.24	5.12	3.64	0.22	4.57	3.39	0.21	4.04	3.14	0.19	3.55
	16	3.78	0.20	3.89	3.52	0.19	3.45	3.27	0.18	3.03	3.01	0.16	2.64
60	8	4.73	0.51	18.26	4.48	0.48	16.70	4.23	0.46	15.14	3.99	0.43	13.60
	10	4.66	0.40	12.10	4.41	0.38	11.00	4.16	0.36	9.95	3.92	0.34	8.96
	12	4.58	0.33	8.62	4.33	0.31	7.82	4.08	0.29	7.07	3.83	0.28	6.35
	14	4.49	0.28	6.39	4.24	0.26	5.79	3.99	0.25	5.21	3.74	0.23	4.67
	16	4.39	0.24	4.93	4.14	0.22	4.45	3.89	0.21	3.99	3.63	0.20	3.56

Abbreviations:

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

Cooling Capacity Table

MDKT3-03S/MDKT3-03H																						
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	2.68	2.01	0.77	29.45	2.66	2.29	0.76	29.16	2.71	2.58	0.77	30.02	2.86	2.86	0.82	33.10	3.13	3.13	0.90	38.67
		17	3.53	2.03	1.02	48.08	3.51	2.31	1.01	47.52	3.48	2.58	1.00	46.95	3.46	2.85	0.99	46.07	3.45	3.12	0.99	45.83
		19	-	-	-	-	4.40	2.32	1.26	69.81	4.37	2.59	1.25	69.01	4.35	2.87	1.25	68.23	4.32	3.14	1.24	67.70
		20	-	-	-	-	4.88	2.32	1.40	83.60	4.85	2.60	1.39	82.64	4.82	2.87	1.38	81.70	4.79	3.14	1.37	80.80
	4	15	2.38	1.87	0.51	14.71	2.42	2.17	0.52	15.13	2.54	2.47	0.55	16.57	2.76	2.76	0.59	19.08	3.03	3.03	0.65	22.42
		17	3.26	1.90	0.70	25.16	3.24	2.18	0.69	24.87	3.22	2.46	0.69	24.58	3.21	2.73	0.69	24.43	3.25	3.01	0.70	24.95
		19	-	-	-	-	4.16	2.20	0.89	38.26	4.13	2.48	0.89	37.82	4.11	2.75	0.88	37.40	4.08	3.02	0.88	36.99
		20	-	-	-	-	4.64	2.21	1.00	46.27	4.61	2.49	0.99	45.75	4.58	2.76	0.98	45.24	4.56	3.03	0.98	44.74
	5	15	2.07	1.72	0.36	7.42	2.19	2.04	0.38	8.42	2.37	2.35	0.41	9.93	2.64	2.64	0.45	11.98	2.92	2.92	0.50	14.21
		17	2.96	1.76	0.51	14.48	2.94	2.04	0.50	14.31	2.92	2.32	0.50	14.19	2.96	2.61	0.51	14.53	3.06	2.91	0.53	15.50
		19	-	-	-	-	3.89	2.08	0.67	23.08	3.86	2.35	0.66	22.82	3.83	2.63	0.66	22.56	3.81	2.90	0.65	22.31
		20	-	-	-	-	4.39	2.09	0.76	28.63	4.35	2.37	0.75	28.03	4.32	2.64	0.74	27.72	4.30	2.91	0.74	27.42
	6	15	1.87	1.62	0.27	3.53	2.03	1.93	0.29	4.38	2.24	2.23	0.32	5.72	2.52	2.52	0.36	7.66	2.80	2.80	0.40	9.63
		17	2.59	1.60	0.37	8.19	2.57	1.88	0.37	8.07	2.62	2.18	0.37	8.40	2.72	2.48	0.39	9.12	2.88	2.79	0.41	10.13
		19	-	-	-	-	3.58	1.94	0.51	14.73	3.55	2.22	0.51	14.55	3.53	2.49	0.51	14.38	3.52	2.77	0.50	14.29
		20	-	-	-	-	4.08	1.96	0.58	18.32	4.06	2.24	0.58	18.12	4.03	2.51	0.58	17.91	4.00	2.78	0.57	17.72
7	3	15	2.05	1.72	0.59	18.63	2.12	2.01	0.61	19.77	2.30	2.30	0.66	22.55	2.58	2.58	0.74	27.42	2.86	2.86	0.83	33.04
		17	2.90	1.74	0.84	33.92	2.88	2.02	0.83	33.50	2.86	2.29	0.83	33.07	2.86	2.57	0.83	33.13	2.93	2.85	0.85	34.57
		19	-	-	-	-	3.79	2.03	1.09	53.13	3.76	2.31	1.08	52.52	3.74	2.58	1.08	52.04	3.71	2.85	1.07	51.70
		20	-	-	-	-	4.27	2.04	1.23	65.92	4.24	2.31	1.22	64.85	4.21	2.59	1.21	63.96	4.18	2.86	1.21	63.39
	4	15	1.78	1.58	0.38	8.81	1.94	1.90	0.42	10.34	2.20	2.20	0.47	12.80	2.48	2.48	0.54	15.71	2.75	2.75	0.59	18.63
		17	2.60	1.60	0.56	16.87	2.58	1.88	0.55	16.64	2.58	2.17	0.56	16.69	2.65	2.46	0.57	17.45	2.79	2.75	0.60	19.04
		19	-	-	-	-	3.52	1.91	0.76	28.34	3.50	2.19	0.75	28.01	3.47	2.46	0.75	27.68	3.45	2.73	0.74	27.35
		20	-	-	-	-	4.01	1.92	0.86	35.55	3.99	2.20	0.86	35.43	3.96	2.48	0.86	35.03	3.93	2.75	0.85	34.64
	5	15	1.58	1.47	0.27	3.81	1.79	1.78	0.31	5.29	2.07	2.07	0.36	7.56	2.36	2.36	0.41	9.77	2.64	2.64	0.45	11.84
		17	2.23	1.44	0.38	8.81	2.23	1.73	0.38	8.84	2.32	2.03	0.40	9.45	2.46	2.34	0.42	10.46	2.66	2.65	0.46	11.93
		19	-	-	-	-	3.22	1.78	0.55	16.54	3.19	2.06	0.55	16.34	3.17	2.33	0.55	16.14	3.17	2.61	0.55	16.18
		20	-	-	-	-	3.72	1.80	0.64	21.12	3.69	2.07	0.64	20.87	3.67	2.35	0.63	20.63	3.64	2.62	0.63	20.40
	6	15	1.45	1.38	0.21	2.00	1.69	1.69	0.24	2.82	1.96	1.96	0.28	4.22	2.24	2.24	0.32	5.92	2.52	2.52	0.36	7.82
		17	1.88	1.30	0.27	3.80	1.96	1.60	0.28	4.25	2.10	1.92	0.30	5.01	2.28	2.23	0.33	6.23	2.53	2.52	0.36	7.84
		19	-	-	-	-	2.84	1.62	0.41	9.74	2.82	1.90	0.40	9.61	2.83	2.19	0.41	9.67	2.90	2.48	0.41	10.08
		20	-	-	-	-	3.38	1.66	0.49	13.20	3.35	1.93	0.48	12.91	3.33	2.21	0.48	12.76	3.31	2.48	0.47	12.65

(Continued)

MDKT3-03S/MDKT3-03H																						
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	1.49	1.44	0.43	10.54	1.74	1.74	0.50	13.70	2.02	2.02	0.58	17.76	2.30	2.30	0.66	22.17	2.58	2.58	0.75	27.29
		17	2.21	1.43	0.64	20.68	2.19	1.71	0.63	20.39	2.23	2.00	0.64	20.96	2.34	2.30	0.67	22.83	2.58	2.58	0.75	27.37
		19	-	-	-	-	3.12	1.74	0.90	37.45	3.10	2.02	0.89	36.98	3.08	2.29	0.88	36.52	3.06	2.56	0.88	36.14
		20	-	-	-	-	3.61	1.75	1.05	48.81	3.58	2.03	1.04	48.22	3.56	2.30	1.03	47.66	3.54	2.57	1.02	47.10
	4	15	1.33	1.32	0.29	4.48	1.61	1.61	0.35	7.24	1.91	1.91	0.41	9.83	2.20	2.20	0.47	12.46	2.48	2.48	0.53	15.30
		17	1.85	1.28	0.40	9.28	1.89	1.58	0.41	9.69	2.02	1.89	0.43	10.79	2.21	2.20	0.47	12.58	2.48	2.48	0.53	15.34
		19	-	-	-	-	2.82	1.61	0.61	19.17	2.80	1.89	0.60	18.93	2.78	2.17	0.60	18.73	2.81	2.45	0.61	19.09
		20	-	-	-	-	3.32	1.63	0.72	25.51	3.30	1.91	0.71	25.20	3.28	2.18	0.71	24.90	3.25	2.46	0.70	24.60
	5	15	1.23	1.23	0.21	2.04	1.50	1.50	0.26	3.45	1.79	1.79	0.31	5.45	2.08	2.08	0.36	7.66	2.36	2.36	0.41	9.64
		17	1.51	1.14	0.26	3.49	1.64	1.46	0.28	4.38	1.83	1.77	0.31	5.80	2.08	2.08	0.36	7.68	2.37	2.37	0.41	9.67
		19	-	-	-	-	2.45	1.46	0.42	10.22	2.43	1.74	0.42	10.10	2.48	2.04	0.43	10.43	2.58	2.34	0.44	11.17
		20	-	-	-	-	2.99	1.49	0.52	14.36	2.96	1.77	0.51	14.20	2.93	2.05	0.50	13.87	2.94	2.33	0.51	14.06
	6	15	1.11	1.11	0.16	1.37	1.41	1.41	0.20	1.87	1.69	1.69	0.24	2.89	1.96	1.96	0.28	4.35	2.24	2.24	0.32	6.12
		17	1.29	1.04	0.18	1.61	1.49	1.37	0.21	2.10	1.70	1.68	0.24	2.98	1.96	1.96	0.28	4.37	2.25	2.25	0.32	6.14
		19	-	-	-	-	2.01	1.29	0.29	4.68	2.07	1.59	0.30	5.06	2.20	1.90	0.31	5.84	2.36	2.22	0.34	6.89
		20	-	-	-	-	2.56	1.33	0.37	8.05	2.54	1.61	0.36	7.92	2.55	1.89	0.37	8.00	2.64	2.20	0.38	8.47
11	3	15	1.15	1.15	0.33	6.42	1.45	1.45	0.41	9.79	1.74	1.74	0.50	13.34	2.02	2.02	0.58	17.27	2.30	2.30	0.66	21.55
		17	1.45	1.12	0.41	9.78	1.56	1.43	0.44	11.04	1.74	1.74	0.50	13.43	2.02	2.02	0.58	17.32	2.30	2.30	0.66	21.61
		19	-	-	-	-	2.40	1.44	0.68	23.10	2.38	1.72	0.68	22.77	2.38	2.00	0.68	22.81	2.45	2.29	0.70	23.95
		20	-	-	-	-	2.89	1.45	0.82	31.87	2.87	1.73	0.82	31.46	2.84	2.01	0.81	31.06	2.82	2.28	0.81	30.69
	4	15	1.04	1.04	0.22	2.38	1.33	1.33	0.28	4.55	1.62	1.62	0.35	7.22	1.91	1.91	0.41	9.62	2.20	2.20	0.47	12.17
		17	1.16	0.99	0.25	3.22	1.36	1.31	0.29	4.85	1.62	1.62	0.35	7.23	1.92	1.92	0.41	9.64	2.20	2.20	0.47	12.21
		19	-	-	-	-	2.02	1.29	0.43	10.56	2.04	1.58	0.44	10.68	2.13	1.89	0.46	11.50	2.27	2.19	0.49	12.88
		20	-	-	-	-	2.55	1.32	0.55	15.69	2.53	1.60	0.54	15.48	2.52	1.88	0.54	15.31	2.55	2.17	0.55	15.73
	5	15	0.94	0.94	0.16	1.33	1.23	1.23	0.21	2.09	1.51	1.51	0.26	3.61	1.79	1.79	0.31	5.64	2.08	2.08	0.36	7.66
		17	1.00	0.90	0.17	1.42	1.24	1.23	0.21	2.14	1.51	1.51	0.26	3.62	1.79	1.79	0.31	5.66	2.09	2.09	0.36	7.68
		19	-	-	-	-	1.61	1.14	0.28	4.31	1.73	1.45	0.30	5.17	1.90	1.77	0.33	6.43	2.11	2.08	0.36	7.85
		20	-	-	-	-	2.14	1.16	0.37	7.98	2.12	1.45	0.37	7.88	2.19	1.75	0.38	8.30	2.31	2.05	0.40	9.10
	6	15	0.81	0.81	0.12	0.94	1.12	1.12	0.16	1.31	1.41	1.41	0.20	1.89	1.69	1.69	0.24	3.02	1.97	1.97	0.28	4.54
		17	0.83	0.80	0.12	0.96	1.12	1.12	0.16	1.31	1.42	1.42	0.20	1.90	1.69	1.69	0.24	3.03	1.97	1.97	0.28	4.56
		19	-	-	-	-	1.36	1.04	0.20	1.74	1.54	1.36	0.22	2.35	1.74	1.67	0.25	3.28	1.97	1.97	0.28	4.60
		20	-	-	-	-	1.68	1.00	0.24	3.02	1.76	1.31	0.25	3.41	1.90	1.62	0.27	4.19	2.08	1.93	0.30	5.19

(Continued)

MDKT3-03S/MDKT3-03H																						
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	0.86	0.86	0.25	3.20	1.15	1.15	0.33	6.61	1.45	1.45	0.42	9.78	1.74	1.74	0.50	13.11	2.02	2.02	0.58	17.19
		17	0.87	0.85	0.25	3.36	1.16	1.15	0.33	6.62	1.45	1.45	0.42	9.80	1.74	1.74	0.50	13.15	2.02	2.02	0.58	17.24
		19	-	-	-	-	1.58	1.13	0.45	11.23	1.65	1.43	0.47	12.11	1.79	1.73	0.51	13.76	2.02	2.02	0.58	17.27
		20	-	-	-	-	2.10	1.15	0.60	18.32	2.08	1.43	0.60	18.02	2.09	1.72	0.60	18.20	2.17	2.01	0.62	19.44
	4	15	0.75	0.75	0.16	1.29	1.04	1.04	0.22	2.52	1.33	1.33	0.29	4.79	1.62	1.62	0.35	7.17	1.91	1.91	0.41	9.47
		17	0.76	0.75	0.16	1.29	1.05	1.05	0.23	2.53	1.33	1.33	0.29	4.81	1.63	1.63	0.35	7.19	1.92	1.92	0.41	9.50
		19	-	-	-	-	1.22	0.99	0.26	3.88	1.40	1.31	0.30	5.39	1.64	1.63	0.35	7.27	1.92	1.92	0.41	9.53
		20	-	-	-	-	1.65	0.99	0.35	7.36	1.69	1.29	0.36	7.66	1.81	1.60	0.39	8.65	1.98	1.91	0.42	10.07
	5	15	0.63	0.63	0.11	0.84	0.94	0.94	0.16	1.26	1.23	1.23	0.21	2.13	1.51	1.51	0.26	3.70	1.79	1.79	0.31	5.68
		17	0.63	0.62	0.11	0.84	0.94	0.94	0.16	1.27	1.23	1.23	0.21	2.13	1.51	1.51	0.26	3.72	1.80	1.80	0.31	5.70
		19	-	-	-	-	1.03	0.90	0.18	1.43	1.26	1.21	0.22	2.27	1.51	1.51	0.26	3.72	1.80	1.80	0.31	5.72
		20	-	-	-	-	1.25	0.84	0.21	2.24	1.39	1.16	0.24	3.03	1.59	1.48	0.27	4.27	1.82	1.80	0.31	5.85
	6	15	0.48	0.48	0.07	0.52	0.81	0.81	0.12	0.90	1.12	1.12	0.16	1.25	1.41	1.41	0.20	1.92	1.69	1.69	0.24	3.10
		17	0.48	0.48	0.07	0.53	0.82	0.82	0.12	0.90	1.12	1.12	0.16	1.25	1.41	1.41	0.20	1.93	1.69	1.69	0.24	3.12
		19	-	-	-	-	0.85	0.79	0.12	0.93	1.13	1.12	0.16	1.26	1.42	1.41	0.20	1.93	1.69	1.69	0.24	3.13
		20	-	-	-	-	0.97	0.74	0.14	1.06	1.22	1.08	0.17	1.40	1.45	1.39	0.21	2.07	1.69	1.69	0.24	3.15
15	3	15	0.57	0.57	0.16	1.24	0.86	0.86	0.24	3.24	1.15	1.15	0.33	6.46	1.45	1.45	0.41	9.49	1.73	1.73	0.49	12.89
		17	0.57	0.57	0.16	1.24	0.86	0.86	0.24	3.26	1.16	1.16	0.33	6.47	1.45	1.45	0.41	9.52	1.74	1.74	0.50	12.93
		19	-	-	-	-	0.89	0.84	0.25	3.60	1.15	1.15	0.33	6.47	1.45	1.45	0.41	9.55	1.74	1.74	0.50	12.97
		20	-	-	-	-	1.16	0.82	0.33	6.48	1.29	1.13	0.37	7.80	1.48	1.45	0.42	9.85	1.74	1.74	0.50	12.97
	4	15	0.44	0.44	0.09	0.70	0.75	0.75	0.16	1.23	1.04	1.04	0.22	2.56	1.33	1.33	0.28	4.83	1.62	1.62	0.35	7.08
		17	0.44	0.44	0.09	0.70	0.76	0.76	0.16	1.23	1.04	1.04	0.22	2.57	1.33	1.33	0.29	4.85	1.63	1.63	0.35	7.10
		19	-	-	-	-	0.76	0.75	0.16	1.25	1.04	1.04	0.22	2.58	1.33	1.33	0.29	4.87	1.63	1.63	0.35	7.12
		20	-	-	-	-	0.87	0.70	0.19	1.60	1.08	1.02	0.23	2.85	1.33	1.33	0.29	4.89	1.63	1.63	0.35	7.13
	5	15	0.28	0.28	0.05	0.36	0.63	0.63	0.11	0.81	0.94	0.94	0.16	1.23	1.23	1.23	0.21	2.24	1.51	1.51	0.26	3.89
		17	0.28	0.28	0.05	0.36	0.63	0.63	0.11	0.81	0.95	0.95	0.16	1.24	1.23	1.23	0.21	2.25	1.51	1.51	0.26	3.91
		19	-	-	-	-	0.63	0.63	0.11	0.81	0.95	0.95	0.16	1.24	1.23	1.23	0.21	2.26	1.51	1.51	0.26	3.93
		20	-	-	-	-	0.67	0.60	0.12	0.85	0.96	0.94	0.17	1.26	1.23	1.23	0.21	2.25	1.51	1.51	0.26	3.93
	6	15	-	-	-	-	0.49	0.49	0.07	0.51	0.82	0.82	0.12	0.86	1.13	1.13	0.16	1.22	1.41	1.41	0.20	2.01
		17	-	-	-	-	0.49	0.49	0.07	0.51	0.82	0.82	0.12	0.86	1.13	1.13	0.16	1.22	1.41	1.41	0.20	2.02
		19	-	-	-	-	0.49	0.49	0.07	0.51	0.82	0.82	0.12	0.87	1.13	1.13	0.16	1.23	1.42	1.42	0.20	2.03
		20	-	-	-	-	0.49	0.49	0.07	0.51	0.82	0.82	0.12	0.87	1.13	1.13	0.16	1.23	1.42	1.42	0.20	2.03

Abbreviations:

EWT: Enter Water Temp. (°C)

Δt: Temperature Difference. (°C)

DB: Dry Bulb Temp. (°C)

WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C)

TC: Total Cooling Capacity. (kW)

SC: Sensible Cooling Capacity. (kW)

WPD: Water Pressure Drop. (kPa)

Heating Capacity Table

MDKT3-03S/MDKT3-03H													
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	3.25	0.35	6.32	2.90	0.31	5.21	2.56	0.28	4.20	2.21	0.24	3.27
	10	3.05	0.26	3.89	2.69	0.23	3.15	2.32	0.20	2.41	1.96	0.17	1.61
	12	2.80	0.20	2.44	2.43	0.18	1.75	2.08	0.15	1.14	1.72	0.12	0.71
	14	2.55	0.16	1.29	2.19	0.14	0.87	1.82	0.11	0.61	1.40	0.09	0.47
	16	2.31	0.12	0.73	1.91	0.10	0.57	1.48	0.08	0.45	0.98	0.05	0.30
45	8	4.10	0.44	9.14	3.75	0.40	7.86	3.41	0.37	6.67	3.07	0.33	5.56
	10	3.92	0.34	5.82	3.57	0.31	4.96	3.22	0.28	4.15	2.87	0.25	3.41
	12	3.72	0.27	3.93	3.36	0.24	3.31	3.00	0.22	2.73	2.63	0.19	2.15
	14	3.49	0.21	2.72	3.11	0.19	2.20	2.73	0.17	1.65	2.37	0.15	1.14
	16	3.22	0.17	1.76	2.85	0.15	1.29	2.49	0.13	0.90	2.12	0.11	0.62
50	8	4.93	0.53	12.29	4.58	0.49	10.84	4.24	0.46	9.47	3.90	0.42	8.20
	10	4.77	0.41	7.97	4.42	0.38	7.00	4.08	0.35	6.08	3.73	0.32	5.23
	12	4.60	0.33	5.47	4.24	0.30	4.77	3.89	0.28	4.11	3.53	0.25	3.50
	14	4.40	0.27	3.93	4.04	0.25	3.39	3.67	0.23	2.89	3.31	0.20	2.42
	16	4.18	0.23	2.89	3.80	0.21	2.47	3.42	0.18	2.04	3.05	0.16	1.60
55	8	5.75	0.62	15.84	5.40	0.58	14.14	5.06	0.55	12.61	4.72	0.51	11.17
	10	5.61	0.48	10.32	5.26	0.45	9.23	4.91	0.42	8.20	4.57	0.39	7.23
	12	5.45	0.39	7.17	5.10	0.37	6.39	4.75	0.34	5.65	4.40	0.32	4.96
	14	5.28	0.33	5.24	4.92	0.30	4.65	4.56	0.28	4.09	4.21	0.26	3.56
	16	5.08	0.27	3.92	4.72	0.25	3.46	4.35	0.23	3.02	3.99	0.22	2.60
60	8	6.58	0.71	19.53	6.22	0.67	17.83	5.88	0.63	16.12	5.53	0.60	14.51
	10	6.43	0.56	12.81	6.08	0.52	11.61	5.74	0.49	10.48	5.39	0.46	9.41
	12	6.30	0.45	9.03	5.94	0.43	8.17	5.59	0.40	7.35	5.24	0.38	6.58
	14	6.13	0.38	6.62	5.78	0.36	5.97	5.42	0.33	5.36	5.07	0.31	4.77
	16	5.96	0.32	5.05	5.60	0.30	4.54	5.24	0.28	4.05	4.88	0.26	3.59

Abbreviations:

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

Cooling Capacity Table

MDKT3-03U																						
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	2.68	2.01	0.77	29.50	2.66	2.29	0.76	29.21	2.71	2.58	0.77	30.08	2.87	2.86	0.82	33.17	3.14	3.14	0.90	38.75
		17	3.53	2.03	1.02	48.18	3.51	2.31	1.01	47.61	3.49	2.58	1.00	47.04	3.46	2.86	1.00	46.50	3.45	3.13	0.99	45.92
		19	-	-	-	-	4.41	2.32	1.26	69.96	4.38	2.60	1.26	69.16	4.35	2.87	1.25	68.36	4.32	3.14	1.24	67.70
		20	-	-	-	-	4.89	2.33	1.40	83.78	4.85	2.60	1.39	82.81	4.82	2.88	1.38	81.88	4.79	3.15	1.38	80.97
	4	15	2.38	1.88	0.51	14.73	2.42	2.17	0.52	15.15	2.54	2.47	0.55	16.60	2.76	2.76	0.60	19.12	3.04	3.04	0.65	22.42
		17	3.27	1.91	0.70	25.21	3.24	2.18	0.70	24.91	3.22	2.46	0.69	24.63	3.21	2.74	0.69	24.47	3.25	3.02	0.70	24.99
		19	-	-	-	-	4.17	2.21	0.89	38.33	4.14	2.48	0.89	37.90	4.11	2.76	0.88	37.47	4.09	3.03	0.88	37.06
		20	-	-	-	-	4.65	2.22	1.00	46.35	4.62	2.49	0.99	45.83	4.59	2.77	0.99	45.32	4.56	3.04	0.98	44.83
	5	15	2.08	1.73	0.36	7.43	2.19	2.04	0.38	8.44	2.38	2.35	0.41	9.95	2.64	2.64	0.45	12.00	2.92	2.92	0.50	14.24
		17	2.96	1.76	0.51	14.50	2.94	2.04	0.50	14.33	2.92	2.32	0.50	14.21	2.96	2.61	0.51	14.55	3.07	2.91	0.53	15.53
		19	-	-	-	-	3.89	2.08	0.67	23.12	3.86	2.36	0.66	22.85	3.84	2.63	0.66	22.60	3.81	2.90	0.65	22.35
		20	-	-	-	-	4.39	2.10	0.76	28.68	4.36	2.37	0.75	28.08	4.33	2.65	0.74	27.77	4.30	2.92	0.74	27.46
	6	15	1.87	1.62	0.27	3.54	2.03	1.93	0.29	4.39	2.24	2.24	0.32	5.73	2.52	2.52	0.36	7.68	2.80	2.80	0.40	9.65
		17	2.59	1.60	0.37	8.20	2.57	1.88	0.37	8.08	2.62	2.18	0.38	8.41	2.73	2.48	0.39	9.13	2.88	2.79	0.41	10.15
		19	-	-	-	-	3.58	1.94	0.51	14.75	3.56	2.22	0.51	14.58	3.53	2.49	0.51	14.40	3.52	2.77	0.50	14.31
		20	-	-	-	-	4.09	1.96	0.58	18.35	4.06	2.24	0.58	18.14	4.03	2.51	0.58	17.94	4.01	2.79	0.57	17.74
7	3	15	2.05	1.72	0.59	18.66	2.12	2.02	0.61	19.81	2.31	2.30	0.66	22.60	2.59	2.59	0.74	27.48	2.86	2.86	0.83	33.11
		17	2.91	1.74	0.84	33.99	2.88	2.02	0.83	33.56	2.86	2.29	0.83	33.14	2.87	2.57	0.83	33.19	2.94	2.86	0.85	34.64
		19	-	-	-	-	3.79	2.03	1.09	53.24	3.77	2.31	1.08	52.62	3.74	2.58	1.08	52.07	3.72	2.86	1.07	51.80
		20	-	-	-	-	4.27	2.04	1.23	66.05	4.24	2.32	1.22	65.03	4.21	2.59	1.21	64.10	4.19	2.86	1.21	63.39
	4	15	1.78	1.58	0.38	8.83	1.95	1.90	0.42	10.35	2.20	2.20	0.48	12.82	2.48	2.48	0.54	15.75	2.76	2.76	0.59	18.67
		17	2.60	1.60	0.56	16.90	2.58	1.88	0.56	16.67	2.59	2.17	0.56	16.72	2.66	2.46	0.57	17.48	2.79	2.76	0.60	19.07
		19	-	-	-	-	3.52	1.91	0.76	28.39	3.50	2.19	0.75	28.06	3.48	2.47	0.75	27.72	3.45	2.74	0.74	27.39
		20	-	-	-	-	4.01	1.92	0.86	35.54	3.99	2.20	0.86	35.50	3.96	2.48	0.86	35.09	3.94	2.75	0.85	34.70
	5	15	1.59	1.47	0.27	3.81	1.79	1.78	0.31	5.30	2.07	2.07	0.36	7.58	2.36	2.36	0.41	9.79	2.65	2.65	0.46	11.87
		17	2.23	1.44	0.38	8.82	2.24	1.73	0.38	8.85	2.32	2.04	0.40	9.46	2.46	2.35	0.42	10.48	2.66	2.65	0.46	11.96
		19	-	-	-	-	3.22	1.78	0.55	16.57	3.20	2.06	0.55	16.37	3.17	2.34	0.55	16.16	3.18	2.61	0.55	16.20
		20	-	-	-	-	3.72	1.80	0.64	21.15	3.69	2.08	0.64	20.90	3.67	2.35	0.63	20.66	3.65	2.63	0.63	20.43
	6	15	1.45	1.39	0.21	2.00	1.69	1.69	0.24	2.82	1.96	1.96	0.28	4.23	2.24	2.24	0.32	5.93	2.52	2.52	0.36	7.83
		17	1.88	1.30	0.27	3.81	1.96	1.61	0.28	4.25	2.10	1.92	0.30	5.02	2.29	2.23	0.33	6.24	2.53	2.53	0.36	7.86
		19	-	-	-	-	2.84	1.62	0.41	9.76	2.82	1.90	0.40	9.62	2.83	2.19	0.41	9.68	2.90	2.48	0.42	10.10
		20	-	-	-	-	3.39	1.66	0.49	13.22	3.35	1.93	0.48	12.93	3.33	2.21	0.48	12.78	3.31	2.49	0.47	12.66

(Continued)

MDKT3-03U																						
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	1.49	1.44	0.43	10.56	1.74	1.74	0.50	13.73	2.02	2.02	0.58	17.80	2.30	2.30	0.66	22.22	2.58	2.58	0.75	27.35
		17	2.21	1.43	0.64	20.72	2.20	1.72	0.63	20.43	2.23	2.01	0.64	20.99	2.34	2.30	0.67	22.88	2.59	2.59	0.75	27.43
		19	-	-	-	-	3.12	1.74	0.90	37.52	3.10	2.02	0.89	37.05	3.08	2.29	0.89	36.59	3.06	2.57	0.88	36.20
		20	-	-	-	-	3.61	1.75	1.05	48.90	3.59	2.03	1.04	48.31	3.56	2.30	1.03	47.75	3.54	2.58	1.03	47.19
	4	15	1.33	1.32	0.29	4.49	1.62	1.62	0.35	7.26	1.91	1.91	0.41	9.85	2.20	2.20	0.47	12.49	2.48	2.48	0.53	15.33
		17	1.85	1.28	0.40	9.29	1.90	1.58	0.41	9.70	2.02	1.89	0.43	10.81	2.21	2.20	0.48	12.60	2.48	2.48	0.53	15.38
		19	-	-	-	-	2.82	1.61	0.61	19.21	2.80	1.89	0.61	18.96	2.79	2.17	0.60	18.76	2.82	2.46	0.61	19.12
		20	-	-	-	-	3.33	1.63	0.72	25.56	3.30	1.91	0.71	25.24	3.28	2.19	0.71	24.94	3.26	2.46	0.70	24.64
	5	15	1.23	1.23	0.21	2.04	1.51	1.51	0.26	3.46	1.79	1.79	0.31	5.46	2.08	2.08	0.36	7.68	2.37	2.37	0.41	9.66
		17	1.51	1.14	0.26	3.49	1.64	1.46	0.28	4.39	1.83	1.78	0.32	5.81	2.08	2.08	0.36	7.70	2.37	2.37	0.41	9.69
		19	-	-	-	-	2.45	1.46	0.42	10.23	2.44	1.75	0.42	10.11	2.48	2.04	0.43	10.44	2.58	2.34	0.44	11.19
		20	-	-	-	-	2.99	1.49	0.52	14.38	2.97	1.77	0.51	14.22	2.94	2.05	0.50	13.87	2.95	2.33	0.51	14.08
	6	15	1.11	1.11	0.16	1.37	1.41	1.41	0.20	1.87	1.69	1.69	0.24	2.90	1.96	1.96	0.28	4.36	2.24	2.24	0.32	6.13
		17	1.29	1.04	0.18	1.61	1.49	1.37	0.21	2.10	1.71	1.68	0.24	2.98	1.97	1.97	0.28	4.38	2.25	2.25	0.32	6.16
		19	-	-	-	-	2.01	1.29	0.29	4.68	2.07	1.59	0.30	5.06	2.20	1.91	0.32	5.85	2.37	2.22	0.34	6.90
		20	-	-	-	-	2.57	1.33	0.37	8.06	2.54	1.61	0.36	7.92	2.56	1.90	0.37	8.01	2.64	2.20	0.38	8.48
11	3	15	1.15	1.15	0.33	6.44	1.45	1.45	0.41	9.81	1.74	1.74	0.50	13.37	2.02	2.02	0.58	17.30	2.30	2.30	0.66	21.59
		17	1.45	1.12	0.41	9.79	1.56	1.43	0.44	11.06	1.75	1.74	0.50	13.46	2.03	2.03	0.58	17.35	2.31	2.31	0.66	21.66
		19	-	-	-	-	2.40	1.44	0.68	23.14	2.38	1.72	0.68	22.81	2.38	2.00	0.68	22.85	2.45	2.29	0.70	23.99
		20	-	-	-	-	2.89	1.45	0.83	31.92	2.87	1.73	0.82	31.51	2.85	2.01	0.81	31.11	2.83	2.29	0.81	30.74
	4	15	1.04	1.04	0.22	2.38	1.33	1.33	0.28	4.56	1.62	1.62	0.35	7.24	1.91	1.91	0.41	9.63	2.20	2.20	0.47	12.19
		17	1.17	1.00	0.25	3.23	1.36	1.32	0.29	4.86	1.62	1.62	0.35	7.25	1.92	1.92	0.41	9.66	2.20	2.20	0.47	12.23
		19	-	-	-	-	2.03	1.30	0.43	10.58	2.04	1.59	0.44	10.69	2.13	1.89	0.46	11.52	2.27	2.19	0.49	12.90
		20	-	-	-	-	2.55	1.32	0.55	15.72	2.53	1.60	0.54	15.51	2.52	1.88	0.54	15.33	2.56	2.17	0.55	15.75
	5	15	0.94	0.94	0.16	1.33	1.23	1.23	0.21	2.09	1.51	1.51	0.26	3.62	1.79	1.79	0.31	5.65	2.09	2.09	0.36	7.67
		17	1.00	0.90	0.17	1.42	1.24	1.23	0.21	2.14	1.51	1.51	0.26	3.63	1.80	1.80	0.31	5.67	2.09	2.09	0.36	7.69
		19	-	-	-	-	1.61	1.14	0.28	4.32	1.73	1.45	0.30	5.18	1.90	1.77	0.33	6.44	2.12	2.09	0.36	7.87
		20	-	-	-	-	2.14	1.16	0.37	7.98	2.12	1.45	0.37	7.89	2.19	1.75	0.38	8.31	2.31	2.06	0.40	9.11
	6	15	0.81	0.81	0.12	0.94	1.12	1.12	0.16	1.31	1.41	1.41	0.20	1.90	1.69	1.69	0.24	3.03	1.97	1.97	0.28	4.55
		17	0.83	0.80	0.12	0.96	1.12	1.12	0.16	1.31	1.42	1.42	0.20	1.90	1.69	1.69	0.24	3.04	1.97	1.97	0.28	4.57
		19	-	-	-	-	1.36	1.04	0.20	1.74	1.54	1.36	0.22	2.35	1.74	1.67	0.25	3.28	1.98	1.97	0.28	4.61
		20	-	-	-	-	1.68	1.00	0.24	3.02	1.76	1.31	0.25	3.42	1.90	1.62	0.27	4.20	2.08	1.94	0.30	5.20

(Continued)

MDKT3-03U																						
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	0.86	0.86	0.25	3.21	1.16	1.16	0.33	6.62	1.45	1.45	0.42	9.79	1.74	1.74	0.50	13.14	2.02	2.02	0.58	17.23
		17	0.87	0.85	0.25	3.36	1.16	1.16	0.33	6.64	1.45	1.45	0.42	9.82	1.74	1.74	0.50	13.18	2.02	2.02	0.58	17.28
		19	-	-	-	-	1.58	1.13	0.45	11.25	1.65	1.43	0.47	12.13	1.79	1.74	0.51	13.79	2.03	2.02	0.58	17.31
		20	-	-	-	-	2.10	1.15	0.60	18.35	2.08	1.43	0.60	18.05	2.09	1.72	0.60	18.23	2.17	2.01	0.62	19.47
	4	15	0.76	0.76	0.16	1.29	1.04	1.04	0.22	2.52	1.33	1.33	0.29	4.80	1.62	1.62	0.35	7.18	1.91	1.91	0.41	9.49
		17	0.76	0.76	0.16	1.29	1.05	1.05	0.23	2.53	1.33	1.33	0.29	4.82	1.63	1.63	0.35	7.20	1.92	1.92	0.41	9.52
		19	-	-	-	-	1.22	0.99	0.26	3.89	1.40	1.31	0.30	5.40	1.64	1.63	0.35	7.28	1.92	1.92	0.41	9.55
		20	-	-	-	-	1.65	0.99	0.35	7.37	1.69	1.29	0.36	7.67	1.82	1.60	0.39	8.66	1.98	1.91	0.43	10.08
	5	15	0.63	0.63	0.11	0.84	0.94	0.94	0.16	1.26	1.23	1.23	0.21	2.13	1.51	1.51	0.26	3.71	1.80	1.80	0.31	5.69
		17	0.63	0.63	0.11	0.84	0.94	0.94	0.16	1.27	1.23	1.23	0.21	2.14	1.51	1.51	0.26	3.73	1.80	1.80	0.31	5.71
		19	-	-	-	-	1.03	0.90	0.18	1.43	1.26	1.22	0.22	2.27	1.51	1.51	0.26	3.73	1.80	1.80	0.31	5.74
		20	-	-	-	-	1.25	0.84	0.21	2.24	1.40	1.16	0.24	3.03	1.59	1.48	0.27	4.27	1.82	1.80	0.31	5.86
	6	15	0.48	0.48	0.07	0.52	0.82	0.82	0.12	0.90	1.12	1.12	0.16	1.25	1.41	1.41	0.20	1.92	1.69	1.69	0.24	3.11
		17	0.48	0.48	0.07	0.53	0.82	0.82	0.12	0.90	1.13	1.13	0.16	1.25	1.41	1.41	0.20	1.93	1.69	1.69	0.24	3.12
		19	-	-	-	-	0.85	0.79	0.12	0.93	1.13	1.12	0.16	1.26	1.42	1.41	0.20	1.94	1.69	1.69	0.24	3.14
		20	-	-	-	-	0.97	0.74	0.14	1.06	1.22	1.08	0.17	1.40	1.45	1.39	0.21	2.07	1.70	1.69	0.24	3.15
15	3	15	0.57	0.57	0.16	1.24	0.86	0.86	0.24	3.25	1.16	1.16	0.33	6.47	1.45	1.45	0.41	9.51	1.73	1.73	0.50	12.92
		17	0.57	0.57	0.16	1.24	0.86	0.86	0.24	3.27	1.16	1.16	0.33	6.49	1.45	1.45	0.41	9.53	1.74	1.74	0.50	12.96
		19	-	-	-	-	0.89	0.85	0.25	3.61	1.16	1.15	0.33	6.48	1.45	1.45	0.42	9.56	1.74	1.74	0.50	13.00
		20	-	-	-	-	1.16	0.82	0.33	6.48	1.29	1.13	0.37	7.81	1.48	1.45	0.42	9.87	1.74	1.74	0.50	13.00
	4	15	0.44	0.44	0.09	0.70	0.76	0.76	0.16	1.23	1.04	1.04	0.22	2.57	1.33	1.33	0.29	4.85	1.63	1.63	0.35	7.09
		17	0.44	0.44	0.09	0.70	0.76	0.76	0.16	1.24	1.04	1.04	0.22	2.58	1.33	1.33	0.29	4.86	1.63	1.63	0.35	7.11
		19	-	-	-	-	0.76	0.75	0.16	1.25	1.04	1.04	0.22	2.59	1.33	1.33	0.29	4.88	1.63	1.63	0.35	7.13
		20	-	-	-	-	0.87	0.71	0.19	1.60	1.08	1.03	0.23	2.86	1.34	1.34	0.29	4.90	1.63	1.63	0.35	7.15
	5	15	0.28	0.28	0.05	0.36	0.63	0.63	0.11	0.81	0.94	0.94	0.16	1.23	1.23	1.23	0.21	2.24	1.51	1.51	0.26	3.90
		17	0.28	0.28	0.05	0.36	0.63	0.63	0.11	0.81	0.95	0.95	0.16	1.24	1.23	1.23	0.21	2.25	1.51	1.51	0.26	3.92
		19	-	-	-	-	0.63	0.63	0.11	0.81	0.95	0.95	0.16	1.24	1.23	1.23	0.21	2.26	1.51	1.51	0.26	3.93
		20	-	-	-	-	0.67	0.61	0.12	0.85	0.96	0.94	0.17	1.26	1.23	1.23	0.21	2.26	1.52	1.52	0.26	3.94
	6	15	-	-	-	-	0.49	0.49	0.07	0.51	0.82	0.82	0.12	0.86	1.13	1.13	0.16	1.22	1.41	1.41	0.20	2.01
		17	-	-	-	-	0.49	0.49	0.07	0.51	0.82	0.82	0.12	0.86	1.13	1.13	0.16	1.23	1.41	1.41	0.20	2.02
		19	-	-	-	-	0.49	0.49	0.07	0.51	0.82	0.82	0.12	0.87	1.13	1.13	0.16	1.23	1.42	1.42	0.20	2.03
		20	-	-	-	-	0.49	0.49	0.07	0.51	0.82	0.82	0.12	0.87	1.13	1.13	0.16	1.23	1.42	1.42	0.20	2.03

Abbreviations:

EWT: Enter Water Temp. (°C)

 ΔT : Temperature Difference. (°C)

DB: Dry Bulb Temp. (°C)

WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C)

TC: Total Cooling Capacity. (kW)

SC: Sensible Cooling Capacity. (kW)

WPD: Water Pressure Drop. (kPa)

Heating Capacity Table

MDKT3-03U													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	3.25	0.35	6.31	2.90	0.31	5.20	2.55	0.28	4.18	2.20	0.24	3.26
	10	3.04	0.26	3.88	2.68	0.23	3.13	2.31	0.20	2.40	1.95	0.17	1.60
	12	2.79	0.20	2.42	2.43	0.17	1.74	2.07	0.15	1.13	1.72	0.12	0.71
	14	2.54	0.16	1.28	2.19	0.13	0.86	1.81	0.11	0.61	1.39	0.09	0.47
	16	2.30	0.12	0.73	1.90	0.10	0.57	1.47	0.08	0.44	0.97	0.05	0.30
45	8	4.09	0.44	9.13	3.75	0.40	7.84	3.40	0.37	6.65	3.06	0.33	5.55
	10	3.92	0.34	5.80	3.57	0.31	4.94	3.21	0.28	4.14	2.86	0.25	3.40
	12	3.72	0.27	3.92	3.36	0.24	3.30	2.99	0.22	2.72	2.62	0.19	2.14
	14	3.48	0.21	2.71	3.10	0.19	2.19	2.73	0.17	1.64	2.37	0.15	1.13
	16	3.22	0.17	1.75	2.85	0.15	1.28	2.49	0.13	0.89	2.12	0.11	0.61
50	8	4.92	0.53	12.27	4.58	0.49	10.82	4.23	0.46	9.46	3.89	0.42	8.18
	10	4.77	0.41	7.96	4.42	0.38	6.98	4.07	0.35	6.07	3.72	0.32	5.21
	12	4.59	0.33	5.46	4.24	0.30	4.76	3.88	0.28	4.10	3.53	0.25	3.49
	14	4.39	0.27	3.92	4.03	0.25	3.38	3.67	0.23	2.88	3.30	0.20	2.41
	16	4.17	0.23	2.88	3.79	0.20	2.46	3.42	0.18	2.03	3.04	0.16	1.59
55	8	5.75	0.62	15.83	5.40	0.58	14.12	5.05	0.54	12.59	4.71	0.51	11.15
	10	5.61	0.48	10.30	5.25	0.45	9.21	4.91	0.42	8.19	4.56	0.39	7.22
	12	5.44	0.39	7.15	5.09	0.37	6.37	4.74	0.34	5.64	4.39	0.32	4.95
	14	5.27	0.33	5.23	4.91	0.30	4.64	4.56	0.28	4.08	4.20	0.26	3.55
	16	5.07	0.27	3.91	4.71	0.25	3.45	4.35	0.23	3.01	3.98	0.21	2.59
60	8	6.57	0.71	19.52	6.22	0.67	17.81	5.87	0.63	16.11	5.53	0.60	14.50
	10	6.42	0.55	12.79	6.08	0.52	11.60	5.73	0.49	10.46	5.39	0.46	9.39
	12	6.29	0.45	9.02	5.93	0.43	8.15	5.58	0.40	7.34	5.23	0.38	6.57
	14	6.13	0.38	6.61	5.77	0.36	5.96	5.41	0.33	5.35	5.06	0.31	4.76
	16	5.95	0.32	5.04	5.59	0.30	4.52	5.23	0.28	4.04	4.88	0.26	3.58

Abbreviations:

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

Cooling Capacity Table

MDKT3-04S/04H/04U																						
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	3.47	2.63	0.99	28.78	3.46	2.99	0.99	28.52	3.52	3.37	1.01	29.50	3.75	3.74	1.07	32.80	4.10	4.10	1.17	38.34
		17	4.60	2.65	1.33	47.30	4.57	3.01	1.32	46.72	4.53	3.37	1.30	45.81	4.50	3.73	1.29	45.26	4.49	4.09	1.29	45.07
		19	-	-	-	-	5.75	3.03	1.65	68.92	5.71	3.39	1.64	68.11	5.67	3.75	1.63	67.71	5.64	4.10	1.63	67.50
		20	-	-	-	-	6.37	3.04	1.83	82.65	6.33	3.40	1.82	81.67	6.29	3.76	1.80	80.73	6.25	4.11	1.79	79.78
	4	15	3.07	2.44	0.66	14.20	3.13	2.82	0.67	14.69	3.30	3.22	0.71	16.04	3.60	3.60	0.78	18.83	3.96	3.96	0.85	22.17
		17	4.23	2.48	0.91	24.53	4.20	2.84	0.90	24.24	4.17	3.20	0.89	23.94	4.16	3.57	0.89	23.81	4.22	3.94	0.90	24.41
		19	-	-	-	-	5.41	2.87	1.16	37.50	5.37	3.23	1.15	37.06	5.34	3.59	1.15	36.63	5.30	3.95	1.14	36.21
		20	-	-	-	-	6.05	2.88	1.30	45.46	6.01	3.25	1.29	44.92	5.97	3.60	1.28	44.41	5.93	3.96	1.27	43.90
	5	15	2.65	2.23	0.45	7.18	2.82	2.65	0.48	8.24	3.08	3.06	0.53	9.75	3.44	3.44	0.59	11.76	3.81	3.81	0.65	13.98
		17	3.81	2.28	0.65	13.95	3.78	2.65	0.65	13.77	3.76	3.02	0.65	13.67	3.83	3.40	0.66	14.07	3.97	3.79	0.68	15.11
		19	-	-	-	-	5.03	2.70	0.86	22.45	4.99	3.06	0.86	22.18	4.96	3.42	0.85	21.92	4.93	3.78	0.85	21.66
		20	-	-	-	-	5.68	2.71	0.97	27.65	5.64	3.08	0.97	27.32	5.60	3.44	0.96	27.01	5.56	3.79	0.96	26.70
	6	15	2.39	2.09	0.34	3.40	2.60	2.50	0.37	4.30	2.90	2.89	0.41	5.72	3.27	3.27	0.47	7.65	3.64	3.64	0.52	9.49
		17	3.30	2.06	0.47	7.83	3.28	2.43	0.47	7.73	3.35	2.82	0.48	8.11	3.51	3.22	0.50	8.86	3.73	3.63	0.53	9.88
		19	-	-	-	-	4.61	2.51	0.66	14.18	4.57	2.87	0.66	14.01	4.54	3.23	0.65	13.84	4.53	3.59	0.65	13.76
		20	-	-	-	-	5.27	2.53	0.75	17.73	5.23	2.90	0.75	17.52	5.20	3.26	0.74	17.31	5.16	3.61	0.74	17.10
7	3	15	2.65	2.24	0.76	18.09	2.76	2.63	0.80	19.36	3.01	3.01	0.86	22.30	3.38	3.38	0.97	27.15	3.74	3.74	1.08	32.75
		17	3.77	2.26	1.09	33.20	3.74	2.63	1.08	32.78	3.71	2.99	1.07	32.34	3.72	3.36	1.08	32.47	3.83	3.74	1.11	34.06
		19	-	-	-	-	4.93	2.65	1.42	52.30	4.90	3.01	1.41	52.00	4.87	3.37	1.40	51.43	4.83	3.73	1.39	50.37
		20	-	-	-	-	5.57	2.66	1.60	64.67	5.53	3.02	1.59	63.76	5.49	3.38	1.58	63.38	5.45	3.74	1.57	62.70
	4	15	2.29	2.06	0.49	8.53	2.52	2.47	0.54	10.07	2.86	2.86	0.62	12.59	3.24	3.24	0.70	15.48	3.60	3.60	0.77	18.38
		17	3.37	2.08	0.73	16.53	3.34	2.45	0.72	16.30	3.35	2.83	0.72	16.38	3.44	3.21	0.74	17.02	3.63	3.60	0.78	18.70
		19	-	-	-	-	4.57	2.49	0.98	27.64	4.53	2.85	0.98	27.30	4.50	3.21	0.97	26.97	4.47	3.57	0.96	26.64
		20	-	-	-	-	5.21	2.50	1.13	35.08	5.18	2.87	1.12	34.67	5.14	3.23	1.11	34.26	5.11	3.59	1.10	33.86
	5	15	2.03	1.90	0.35	3.71	2.31	2.31	0.40	5.28	2.69	2.69	0.46	7.52	3.07	3.07	0.53	9.58	3.44	3.44	0.59	11.63
		17	2.85	1.86	0.49	8.38	2.86	2.24	0.49	8.45	2.98	2.65	0.51	9.10	3.18	3.05	0.55	10.16	3.45	3.45	0.59	11.69
		19	-	-	-	-	4.15	2.30	0.71	15.97	4.11	2.67	0.71	15.77	4.08	3.03	0.70	15.55	4.09	3.40	0.71	15.64
		20	-	-	-	-	4.80	2.33	0.83	20.48	4.77	2.69	0.82	20.23	4.74	3.06	0.81	19.98	4.70	3.41	0.81	19.74
	6	15	1.86	1.79	0.27	1.91	2.18	2.18	0.31	2.80	2.53	2.53	0.36	4.23	2.90	2.90	0.42	5.93	3.28	3.28	0.47	7.74
		17	2.37	1.67	0.34	3.57	2.49	2.07	0.36	4.07	2.68	2.48	0.38	4.89	2.94	2.89	0.42	6.15	3.28	3.28	0.47	7.76
		19	-	-	-	-	3.63	2.09	0.52	9.27	3.60	2.46	0.52	9.13	3.62	2.83	0.52	9.23	3.72	3.23	0.53	9.69
		20	-	-	-	-	4.34	2.13	0.62	12.54	4.30	2.50	0.62	12.38	4.27	2.86	0.61	12.22	4.25	3.22	0.61	12.12

(Continued)

MDKT3-04S/04H/04U																						
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	1.93	1.87	0.55	10.26	2.27	2.27	0.65	13.50	2.64	2.64	0.76	17.53	3.01	3.01	0.86	21.93	3.37	3.37	0.98	27.02
		17	2.86	1.86	0.82	20.06	2.84	2.24	0.81	19.78	2.89	2.62	0.83	20.44	3.05	3.01	0.88	22.46	3.38	3.38	0.98	27.10
		19	-	-	-	-	4.05	2.26	1.17	36.65	4.02	2.63	1.16	36.19	4.00	2.99	1.15	35.74	3.97	3.35	1.14	35.36
		20	-	-	-	-	4.70	2.28	1.36	47.96	4.66	2.64	1.35	47.37	4.63	3.01	1.34	46.78	4.60	3.37	1.33	46.20
	4	15	1.72	1.71	0.37	4.55	2.10	2.10	0.45	7.18	2.49	2.49	0.53	9.65	2.86	2.86	0.62	12.26	3.23	3.23	0.70	15.07
		17	2.36	1.66	0.51	8.82	2.43	2.06	0.52	9.30	2.61	2.46	0.56	10.48	2.87	2.87	0.62	12.34	3.24	3.24	0.70	15.12
		19	-	-	-	-	3.64	2.09	0.79	18.56	3.61	2.46	0.78	18.32	3.59	2.83	0.78	18.12	3.64	3.20	0.79	18.55
		20	-	-	-	-	4.30	2.11	0.93	24.82	4.27	2.48	0.92	24.51	4.24	2.84	0.92	24.20	4.21	3.20	0.91	23.89
	5	15	1.58	1.58	0.27	1.99	1.94	1.94	0.33	3.45	2.31	2.31	0.40	5.46	2.70	2.70	0.46	7.55	3.08	3.08	0.53	9.45
		17	1.91	1.47	0.33	3.30	2.10	1.89	0.36	4.25	2.36	2.30	0.41	5.71	2.70	2.70	0.46	7.57	3.08	3.08	0.53	9.48
		19	-	-	-	-	3.13	1.89	0.54	9.73	3.11	2.26	0.54	9.62	3.18	2.65	0.55	10.01	3.33	3.04	0.57	10.80
		20	-	-	-	-	3.83	1.92	0.66	13.69	3.80	2.29	0.65	13.51	3.77	2.66	0.65	13.32	3.78	3.03	0.65	13.40
	6	15	1.43	1.43	0.20	1.29	1.81	1.81	0.26	1.82	2.17	2.17	0.31	2.88	2.53	2.53	0.36	4.36	2.91	2.91	0.42	6.09
		17	1.63	1.34	0.23	1.49	1.90	1.77	0.27	2.02	2.19	2.17	0.31	2.94	2.54	2.54	0.36	4.38	2.91	2.91	0.42	6.11
		19	-	-	-	-	2.53	1.66	0.36	4.37	2.63	2.06	0.38	4.81	2.81	2.47	0.40	5.64	3.04	2.88	0.44	6.70
		20	-	-	-	-	3.26	1.70	0.47	7.60	3.23	2.07	0.46	7.47	3.26	2.45	0.47	7.59	3.38	2.85	0.48	8.10
11	3	15	1.49	1.49	0.42	6.38	1.89	1.89	0.54	9.61	2.27	2.27	0.65	13.15	2.64	2.64	0.75	17.05	3.00	3.00	0.86	21.30
		17	1.86	1.46	0.53	9.35	2.01	1.87	0.57	10.70	2.27	2.27	0.65	13.20	2.64	2.64	0.75	17.10	3.01	3.01	0.86	21.37
		19	-	-	-	-	3.10	1.87	0.88	22.42	3.07	2.24	0.88	22.09	3.08	2.61	0.88	22.19	3.18	3.00	0.91	23.45
		20	-	-	-	-	3.74	1.89	1.07	31.10	3.71	2.26	1.06	30.68	3.69	2.62	1.05	30.28	3.66	2.98	1.05	29.92
	4	15	1.34	1.34	0.29	2.36	1.71	1.71	0.37	4.55	2.10	2.10	0.45	7.10	2.49	2.49	0.53	9.44	2.86	2.86	0.61	11.97
		17	1.48	1.28	0.32	3.08	1.75	1.70	0.37	4.78	2.11	2.10	0.45	7.11	2.49	2.49	0.53	9.46	2.87	2.87	0.61	12.01
		19	-	-	-	-	2.59	1.68	0.55	10.06	2.61	2.06	0.56	10.22	2.74	2.46	0.59	11.11	2.95	2.86	0.63	12.56
		20	-	-	-	-	3.28	1.71	0.70	15.10	3.26	2.08	0.70	14.89	3.24	2.45	0.69	14.74	3.30	2.83	0.71	15.22
	5	15	1.20	1.20	0.21	1.25	1.58	1.58	0.27	2.06	1.95	1.95	0.33	3.61	2.32	2.32	0.40	5.61	2.71	2.71	0.47	7.50
		17	1.27	1.17	0.22	1.33	1.59	1.58	0.27	2.09	1.95	1.95	0.34	3.63	2.33	2.33	0.40	5.64	2.71	2.71	0.47	7.52
		19	-	-	-	-	2.03	1.46	0.35	4.05	2.20	1.88	0.38	4.97	2.44	2.30	0.42	6.24	2.74	2.71	0.47	7.64
		20	-	-	-	-	2.72	1.50	0.47	7.51	2.70	1.87	0.47	7.44	2.80	2.27	0.48	7.91	2.97	2.67	0.51	8.75
	6	15	1.03	1.03	0.15	0.88	1.44	1.44	0.21	1.23	1.82	1.82	0.26	1.86	2.18	2.18	0.31	3.01	2.54	2.54	0.36	4.54
		17	1.05	1.02	0.15	0.89	1.44	1.44	0.21	1.24	1.82	1.82	0.26	1.87	2.18	2.18	0.31	3.02	2.55	2.55	0.37	4.55
		19	-	-	-	-	1.71	1.33	0.25	1.62	1.95	1.75	0.28	2.25	2.23	2.16	0.32	3.21	2.55	2.55	0.37	4.58
		20	-	-	-	-	2.10	1.28	0.30	2.77	2.22	1.68	0.32	3.21	2.42	2.10	0.35	4.02	2.66	2.51	0.38	5.05

(Continued)

MDKT3-04S/04H/04U																						
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	1.11	1.11	0.32	3.20	1.50	1.50	0.43	6.49	1.89	1.89	0.54	9.61	2.26	2.26	0.65	12.92	2.64	2.64	0.76	16.98
		17	1.12	1.10	0.32	3.31	1.50	1.50	0.43	6.51	1.89	1.89	0.54	9.63	2.27	2.27	0.65	12.96	2.64	2.64	0.76	17.03
		19	-	-	-	-	2.02	1.46	0.58	10.73	2.12	1.86	0.61	11.70	2.32	2.26	0.66	13.45	2.64	2.64	0.76	17.06
		20	-	-	-	-	2.70	1.49	0.78	17.68	2.68	1.86	0.77	17.38	2.70	2.24	0.77	17.62	2.81	2.63	0.81	18.97
	4	15	0.97	0.97	0.21	1.22	1.34	1.34	0.29	2.50	1.72	1.72	0.37	4.78	2.11	2.11	0.45	7.02	2.49	2.49	0.53	9.30
		17	0.97	0.97	0.21	1.22	1.35	1.35	0.29	2.51	1.72	1.72	0.37	4.80	2.11	2.11	0.45	7.04	2.49	2.49	0.53	9.32
		19	-	-	-	-	1.55	1.28	0.33	3.69	1.80	1.70	0.39	5.24	2.12	2.12	0.45	7.09	2.50	2.50	0.54	9.35
		20	-	-	-	-	2.09	1.27	0.45	6.90	2.16	1.67	0.46	7.27	2.33	2.08	0.50	8.32	2.57	2.48	0.55	9.79
	5	15	0.79	0.79	0.14	0.78	1.20	1.20	0.21	1.19	1.58	1.58	0.27	2.11	1.94	1.94	0.33	3.70	2.33	2.33	0.40	5.61
		17	0.80	0.80	0.14	0.78	1.21	1.21	0.21	1.20	1.58	1.58	0.27	2.11	1.95	1.95	0.33	3.71	2.33	2.33	0.40	5.63
		19	-	-	-	-	1.30	1.15	0.22	1.34	1.61	1.57	0.28	2.21	1.95	1.95	0.33	3.72	2.33	2.33	0.40	5.65
		20	-	-	-	-	1.56	1.08	0.27	2.06	1.77	1.50	0.30	2.88	2.03	1.92	0.35	4.15	2.35	2.33	0.40	5.73
	6	15	0.60	0.60	0.09	0.48	1.04	1.04	0.15	0.84	1.44	1.44	0.21	1.18	1.81	1.81	0.26	1.90	2.17	2.17	0.31	3.09
		17	0.60	0.60	0.09	0.48	1.04	1.04	0.15	0.84	1.44	1.44	0.21	1.18	1.82	1.82	0.26	1.90	2.18	2.18	0.31	3.11
		19	-	-	-	-	1.07	1.01	0.15	0.86	1.45	1.44	0.21	1.19	1.82	1.82	0.26	1.91	2.18	2.18	0.31	3.12
		20	-	-	-	-	1.21	0.94	0.17	0.97	1.55	1.39	0.22	1.31	1.85	1.80	0.27	2.01	2.18	2.18	0.31	3.13
15	3	15	0.73	0.73	0.21	1.18	1.10	1.10	0.31	3.24	1.50	1.50	0.43	6.32	1.89	1.89	0.54	9.32	2.26	2.26	0.65	12.70
		17	0.73	0.73	0.21	1.18	1.11	1.11	0.32	3.25	1.50	1.50	0.43	6.33	1.89	1.89	0.54	9.35	2.26	2.26	0.65	12.74
		19	-	-	-	-	1.14	1.09	0.32	3.52	1.50	1.49	0.43	6.33	1.89	1.89	0.54	9.38	2.27	2.27	0.65	12.78
		20	-	-	-	-	1.47	1.06	0.42	6.09	1.66	1.47	0.47	7.49	1.92	1.89	0.55	9.61	2.27	2.27	0.65	12.79
	4	15	0.56	0.56	0.12	0.65	0.97	0.97	0.21	1.17	1.34	1.34	0.29	2.55	1.72	1.72	0.37	4.80	2.11	2.11	0.45	6.93
		17	0.56	0.56	0.12	0.65	0.97	0.97	0.21	1.17	1.34	1.34	0.29	2.56	1.72	1.72	0.37	4.82	2.12	2.12	0.45	6.95
		19	-	-	-	-	0.98	0.97	0.21	1.18	1.34	1.34	0.29	2.57	1.73	1.73	0.37	4.83	2.12	2.12	0.45	6.97
		20	-	-	-	-	1.10	0.91	0.24	1.50	1.38	1.32	0.30	2.78	1.73	1.72	0.37	4.84	2.12	2.12	0.45	6.98
	5	15	0.35	0.35	0.06	0.32	0.81	0.81	0.14	0.75	1.21	1.21	0.21	1.18	1.58	1.58	0.27	2.22	1.95	1.95	0.34	3.88
		17	0.35	0.35	0.06	0.32	0.81	0.81	0.14	0.75	1.21	1.21	0.21	1.18	1.58	1.58	0.27	2.23	1.95	1.95	0.34	3.89
		19	-	-	-	-	0.81	0.80	0.14	0.75	1.22	1.22	0.21	1.18	1.58	1.58	0.27	2.24	1.96	1.96	0.34	3.91
		20	-	-	-	-	0.84	0.78	0.15	0.79	1.23	1.21	0.21	1.20	1.58	1.58	0.27	2.24	1.96	1.96	0.34	3.92
	6	15	-	-	-	-	0.61	0.61	0.09	0.47	1.05	1.05	0.15	0.81	1.45	1.45	0.21	1.17	1.81	1.81	0.26	1.99
		17	-	-	-	-	0.61	0.61	0.09	0.47	1.05	1.05	0.15	0.81	1.45	1.45	0.21	1.17	1.82	1.82	0.26	2.00
		19	-	-	-	-	0.62	0.62	0.09	0.47	1.05	1.05	0.15	0.81	1.45	1.45	0.21	1.17	1.82	1.82	0.26	2.01
		20	-	-	-	-	0.62	0.61	0.09	0.47	1.05	1.05	0.15	0.81	1.45	1.45	0.21	1.17	1.82	1.82	0.26	2.01

Abbreviations:

EWT: Enter Water Temp. (°C)

Δt: Temperature Difference. (°C)

DB: Dry Bulb Temp. (°C)

WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C)

TC: Total Cooling Capacity. (kW)

SC: Sensible Cooling Capacity. (kW)

WPD: Water Pressure Drop. (kPa)

Heating Capacity Table

MDKT3-04S/04H/04U													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	4.17	0.45	6.06	3.72	0.40	4.98	3.27	0.35	3.98	2.80	0.30	3.08
	10	3.88	0.34	3.69	3.41	0.29	2.96	2.93	0.25	2.25	2.46	0.21	1.49
	12	3.54	0.25	2.28	3.06	0.22	1.62	2.60	0.19	1.05	2.14	0.15	0.65
	14	3.20	0.20	1.18	2.74	0.17	0.79	2.25	0.14	0.56	1.71	0.11	0.42
	16	2.87	0.15	0.66	2.35	0.13	0.52	1.80	0.10	0.40	1.16	0.06	0.26
45	8	5.28	0.57	8.83	4.83	0.52	7.58	4.38	0.47	6.41	3.93	0.42	5.33
	10	5.03	0.43	5.57	4.57	0.39	4.73	4.11	0.35	3.95	3.65	0.32	3.23
	12	4.75	0.34	3.73	4.28	0.31	3.13	3.80	0.27	2.56	3.31	0.24	2.01
	14	4.42	0.27	2.55	3.92	0.24	2.05	3.43	0.21	1.53	2.97	0.18	1.04
	16	4.05	0.22	1.64	3.58	0.19	1.19	3.11	0.17	0.82	2.64	0.14	0.56
50	8	6.37	0.69	11.94	5.92	0.64	10.51	5.47	0.59	9.17	5.02	0.54	7.92
	10	6.15	0.53	7.70	5.69	0.49	6.74	5.24	0.45	5.84	4.78	0.41	5.01
	12	5.90	0.42	5.25	5.43	0.39	4.56	4.97	0.36	3.92	4.51	0.32	3.32
	14	5.62	0.35	3.73	5.14	0.32	3.22	4.67	0.29	2.73	4.19	0.26	2.27
	16	5.31	0.29	2.73	4.82	0.26	2.31	4.32	0.23	1.91	3.83	0.21	1.48
55	8	7.45	0.81	15.45	7.00	0.75	13.77	6.54	0.71	12.26	6.10	0.66	10.85
	10	7.25	0.63	10.01	6.79	0.59	8.94	6.33	0.55	7.93	5.88	0.51	6.98
	12	7.02	0.50	6.91	6.55	0.47	6.15	6.09	0.44	5.43	5.64	0.41	4.75
	14	6.77	0.42	5.03	6.30	0.39	4.45	5.84	0.36	3.90	5.37	0.33	3.39
	16	6.50	0.35	3.74	6.02	0.32	3.28	5.54	0.30	2.85	5.07	0.27	2.45
60	8	8.53	0.92	19.10	8.07	0.87	17.42	7.62	0.82	15.74	7.17	0.77	14.08
	10	8.33	0.72	12.47	7.87	0.68	11.29	7.41	0.64	10.18	6.96	0.60	9.12
	12	8.13	0.58	8.75	7.66	0.55	7.90	7.20	0.52	7.10	6.74	0.49	6.34
	14	7.89	0.49	6.39	7.43	0.46	5.75	6.96	0.43	5.15	6.50	0.40	4.58
	16	7.65	0.41	4.84	7.18	0.39	4.34	6.71	0.36	3.87	6.24	0.34	3.42

Abbreviations:

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

Cooling Capacity Table

MDKT3-05S/05H/05U																							
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	3.95	3.01	1.13	38.52	3.94	3.45	1.13	38.26	4.04	3.90	1.16	40.12	4.33	4.33	1.24	45.48	4.75	4.75	1.36	53.08	
		17	5.26	3.04	1.52	64.11	5.23	3.47	1.51	63.45	5.20	3.90	1.50	62.79	5.17	4.32	1.49	62.14	5.16	4.74	1.49	62.03	
		19	-	-	-	-	6.61	3.48	1.90	94.36	6.57	3.91	1.89	93.74	6.54	4.34	1.89	93.71	6.50	4.76	1.88	92.88	
		20	-	-	-	-	7.35	3.50	2.13	115.34	7.31	3.92	2.12	114.17	7.26	4.35	2.10	112.97	7.21	4.76	2.07	110.17	
	4	15	3.47	2.79	0.75	18.92	3.56	3.25	0.77	19.73	3.78	3.71	0.81	21.85	4.15	4.15	0.89	25.45	4.58	4.58	0.98	30.11	
		17	4.81	2.83	1.03	32.72	4.78	3.26	1.02	32.37	4.75	3.69	1.02	32.03	4.74	4.12	1.02	31.93	4.83	4.55	1.04	33.02	
		19	-	-	-	-	6.18	3.29	1.33	50.61	6.15	3.72	1.32	50.11	6.11	4.14	1.31	49.61	6.08	4.56	1.31	49.12	
		20	-	-	-	-	6.93	3.30	1.50	62.28	6.89	3.73	1.49	61.68	6.85	4.16	1.48	61.06	6.81	4.58	1.47	60.46	
	5	15	2.97	2.54	0.51	9.72	3.19	3.03	0.55	11.10	3.52	3.51	0.60	13.11	3.96	3.96	0.68	16.10	4.39	4.39	0.76	19.22	
		17	4.30	2.60	0.74	18.54	4.28	3.03	0.74	18.34	4.26	3.47	0.73	18.24	4.35	3.92	0.75	18.91	4.54	4.37	0.78	20.32	
		19	-	-	-	-	5.73	3.08	0.99	30.24	5.69	3.51	0.98	29.93	5.66	3.93	0.98	29.63	5.62	4.36	0.97	29.32	
		20	-	-	-	-	6.48	3.09	1.12	37.40	6.44	3.53	1.11	37.04	6.40	3.95	1.10	36.67	6.37	4.37	1.10	36.31	
	6	15	2.60	2.34	0.37	4.63	2.89	2.82	0.41	6.14	3.29	3.29	0.47	8.32	3.74	3.74	0.54	10.66	4.19	4.19	0.60	12.95	
		17	3.69	2.33	0.53	10.35	3.67	2.77	0.53	10.27	3.77	3.23	0.54	10.80	3.98	3.71	0.57	11.87	4.26	4.18	0.61	13.31	
		19	-	-	-	-	5.19	2.84	0.74	18.48	5.16	3.27	0.74	18.29	5.12	3.70	0.73	18.09	5.11	4.13	0.73	18.04	
		20	-	-	-	-	5.96	2.87	0.85	23.46	5.93	3.30	0.85	23.22	5.89	3.73	0.84	22.99	5.86	4.15	0.84	22.75	
7	3	15	2.99	2.56	0.86	23.50	3.14	3.03	0.90	25.58	3.48	3.48	1.01	30.97	3.91	3.91	1.13	37.88	4.33	4.33	1.24	44.65	
		17	4.29	2.59	1.23	43.87	4.26	3.02	1.22	43.38	4.23	3.45	1.22	42.87	4.25	3.88	1.22	43.28	4.40	4.33	1.27	45.99	
		19	-	-	-	-	5.66	3.05	1.64	72.24	5.63	3.48	1.63	71.48	5.60	3.90	1.62	70.73	5.56	4.32	1.61	69.46	
		20	-	-	-	-	6.39	3.05	1.84	88.12	6.35	3.48	1.84	87.63	6.32	3.91	1.84	87.63	6.29	4.33	1.82	86.74	
	4	15	2.58	2.35	0.56	11.21	2.87	2.84	0.62	13.54	3.29	3.29	0.71	16.88	3.72	3.72	0.80	20.89	4.15	4.15	0.89	25.18	
		17	3.79	2.37	0.81	21.47	3.76	2.80	0.81	21.21	3.78	3.25	0.81	21.43	3.92	3.70	0.84	22.81	4.18	4.15	0.90	25.45	
		19	-	-	-	-	5.19	2.84	1.12	36.97	5.16	3.27	1.11	36.58	5.13	3.70	1.10	36.20	5.10	4.12	1.10	35.80	
		20	-	-	-	-	5.95	2.86	1.29	47.23	5.91	3.29	1.28	46.75	5.88	3.72	1.27	46.26	5.84	4.14	1.27	45.79	
	5	15	2.24	2.14	0.38	5.19	2.62	2.62	0.45	7.62	3.08	3.08	0.53	10.30	3.53	3.53	0.61	12.96	3.97	3.97	0.68	15.89	
		17	3.18	2.11	0.55	10.86	3.21	2.56	0.55	11.00	3.37	3.04	0.58	11.98	3.62	3.51	0.62	13.57	3.97	3.97	0.68	15.93	
		19	-	-	-	-	4.67	2.62	0.80	20.93	4.65	3.05	0.80	20.70	4.61	3.48	0.79	20.46	4.64	3.92	0.80	20.66	
		20	-	-	-	-	5.45	2.65	0.94	27.47	5.42	3.08	0.94	27.18	5.39	3.51	0.93	26.90	5.35	3.93	0.93	26.62	
	6	15	2.04	2.00	0.29	2.53	2.43	2.43	0.35	4.05	2.86	2.86	0.41	6.14	3.31	3.31	0.47	8.46	3.76	3.76	0.54	10.57	
		17	2.54	1.85	0.36	4.58	2.72	2.33	0.39	5.44	2.99	2.82	0.43	6.86	3.34	3.31	0.48	8.61	3.77	3.77	0.54	10.60	
		19	-	-	-	-	4.07	2.37	0.58	12.03	4.03	2.80	0.58	11.87	4.07	3.25	0.58	12.05	4.21	3.71	0.60	12.78	
		20	-	-	-	-	4.88	2.41	0.70	16.43	4.85	2.84	0.70	16.24	4.81	3.27	0.69	16.06	4.80	3.70	0.69	15.96	

(Continued)

MDKT3-05S/05H/05U																						
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	2.19	2.15	0.63	13.64	2.60	2.60	0.75	18.31	3.04	3.04	0.87	23.94	3.48	3.48	1.01	30.53	3.90	3.90	1.12	36.76
		17	3.24	2.14	0.94	27.03	3.22	2.57	0.93	26.46	3.30	3.02	0.95	27.80	3.51	3.48	1.02	31.04	3.91	3.91	1.12	36.86
		19	-	-	-	-	4.63	2.60	1.34	50.17	4.60	3.03	1.33	49.61	4.58	3.46	1.33	49.06	4.55	3.88	1.32	48.61
		20	-	-	-	-	5.37	2.61	1.55	64.45	5.33	3.04	1.54	63.30	5.30	3.47	1.53	62.79	5.27	3.89	1.53	62.74
	4	15	1.93	1.93	0.42	6.44	2.40	2.40	0.52	9.72	2.85	2.85	0.61	13.04	3.29	3.29	0.71	16.71	3.73	3.73	0.80	20.71
		17	2.63	1.89	0.57	11.38	2.74	2.35	0.59	12.14	2.97	2.83	0.64	14.01	3.30	3.30	0.71	16.76	3.73	3.73	0.81	20.76
		19	-	-	-	-	4.12	2.39	0.89	24.69	4.09	2.82	0.89	24.41	4.07	3.25	0.88	24.20	4.15	3.70	0.90	24.95
		20	-	-	-	-	4.87	2.40	1.05	32.64	4.84	2.84	1.04	32.29	4.81	3.27	1.04	31.93	4.78	3.69	1.03	31.56
	5	15	1.75	1.75	0.30	2.79	2.18	2.18	0.38	5.04	2.64	2.64	0.45	7.75	3.09	3.09	0.53	10.22	3.54	3.54	0.61	12.83
		17	2.06	1.64	0.35	4.35	2.32	2.13	0.40	5.89	2.67	2.63	0.46	7.94	3.10	3.10	0.53	10.24	3.54	3.54	0.61	12.86
		19	-	-	-	-	3.51	2.14	0.60	12.61	3.49	2.58	0.60	12.50	3.59	3.04	0.62	13.12	3.78	3.51	0.65	14.44
		20	-	-	-	-	4.31	2.18	0.74	17.92	4.27	2.61	0.74	17.74	4.25	3.04	0.73	17.49	4.27	3.48	0.74	17.68
	6	15	1.58	1.58	0.23	1.54	2.01	2.01	0.29	2.52	2.43	2.43	0.35	4.20	2.87	2.87	0.41	6.37	3.33	3.33	0.48	8.47
		17	1.76	1.50	0.25	1.82	2.07	1.98	0.30	2.73	2.44	2.43	0.35	4.23	2.88	2.88	0.41	6.39	3.34	3.34	0.48	8.49
		19	-	-	-	-	2.75	1.86	0.39	5.75	2.89	2.33	0.42	6.48	3.15	2.82	0.45	7.65	3.46	3.31	0.50	9.01
		20	-	-	-	-	3.63	1.92	0.52	9.79	3.60	2.35	0.52	9.64	3.65	2.80	0.52	9.85	3.81	3.27	0.55	10.61
11	3	15	1.70	1.70	0.48	8.64	2.16	2.16	0.62	12.97	2.61	2.61	0.74	17.87	3.04	3.04	0.87	23.34	3.47	3.47	0.99	29.29
		17	2.08	1.66	0.59	12.11	2.28	2.15	0.65	14.33	2.61	2.61	0.74	17.90	3.05	3.05	0.87	23.40	3.48	3.48	0.99	29.37
		19	-	-	-	-	3.50	2.14	1.00	29.70	3.48	2.58	0.99	29.31	3.50	3.02	1.00	29.60	3.64	3.46	1.04	31.69
		20	-	-	-	-	4.27	2.16	1.23	42.35	4.24	2.60	1.22	41.85	4.21	3.03	1.21	41.36	4.19	3.45	1.20	40.93
	4	15	1.49	1.49	0.32	3.38	1.94	1.94	0.42	6.54	2.41	2.41	0.52	9.56	2.86	2.86	0.61	12.79	3.30	3.30	0.71	16.31
		17	1.61	1.44	0.35	4.17	1.97	1.94	0.42	6.71	2.41	2.41	0.52	9.58	2.86	2.86	0.61	12.82	3.30	3.30	0.71	16.36
		19	-	-	-	-	2.89	1.91	0.62	13.03	2.93	2.36	0.63	13.33	3.10	2.83	0.67	14.71	3.37	3.29	0.72	16.91
		20	-	-	-	-	3.69	1.94	0.79	19.79	3.67	2.38	0.79	19.55	3.65	2.81	0.78	19.39	3.74	3.26	0.80	20.21
	5	15	1.33	1.33	0.23	1.53	1.76	1.76	0.30	2.95	2.19	2.19	0.38	5.28	2.66	2.66	0.46	7.77	3.11	3.11	0.54	10.14
		17	1.38	1.30	0.24	1.62	1.76	1.76	0.30	2.96	2.20	2.20	0.38	5.30	2.66	2.66	0.46	7.79	3.11	3.11	0.54	10.17
		19	-	-	-	-	2.20	1.65	0.38	5.34	2.45	2.14	0.42	6.71	2.77	2.64	0.48	8.32	3.13	3.12	0.54	10.27
		20	-	-	-	-	3.02	1.69	0.52	9.63	3.01	2.13	0.52	9.56	3.14	2.60	0.54	10.30	3.36	3.07	0.58	11.57
	6	15	1.13	1.13	0.16	1.03	1.60	1.60	0.23	1.52	2.02	2.02	0.29	2.64	2.45	2.45	0.35	4.42	2.89	2.89	0.41	6.45
		17	1.14	1.12	0.16	1.04	1.60	1.60	0.23	1.52	2.02	2.02	0.29	2.65	2.45	2.45	0.35	4.43	2.90	2.90	0.41	6.47
		19	-	-	-	-	1.83	1.48	0.26	2.05	2.13	1.96	0.31	3.05	2.48	2.44	0.36	4.58	2.90	2.90	0.41	6.48
		20	-	-	-	-	2.23	1.41	0.32	3.48	2.40	1.89	0.34	4.23	2.67	2.38	0.38	5.44	3.01	2.87	0.43	6.94

(Continued)

MDKT3-05S/05H/05U																						
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	1.24	1.24	0.36	4.65	1.71	1.71	0.49	8.71	2.16	2.16	0.62	12.81	2.61	2.61	0.75	17.88	3.04	3.04	0.88	23.28
		17	1.25	1.24	0.36	4.71	1.72	1.72	0.49	8.73	2.17	2.17	0.62	12.84	2.61	2.61	0.75	17.92	3.05	3.05	0.88	23.35
		19	-	-	-	-	2.24	1.67	0.64	13.59	2.40	2.14	0.69	15.42	2.66	2.61	0.76	18.41	3.05	3.05	0.88	23.41
		20	-	-	-	-	3.04	1.70	0.87	23.24	3.02	2.13	0.87	22.88	3.05	2.58	0.88	23.35	3.21	3.04	0.92	25.52
	4	15	1.07	1.07	0.23	1.53	1.50	1.50	0.32	3.62	1.96	1.96	0.42	6.61	2.42	2.42	0.52	9.47	2.86	2.86	0.61	12.63
		17	1.07	1.07	0.23	1.53	1.50	1.50	0.32	3.63	1.96	1.96	0.42	6.62	2.42	2.42	0.52	9.49	2.87	2.87	0.61	12.66
		19	-	-	-	-	1.70	1.44	0.37	4.97	2.03	1.94	0.44	7.05	2.42	2.42	0.52	9.52	2.87	2.87	0.62	12.70
		20	-	-	-	-	2.32	1.44	0.50	8.79	2.41	1.91	0.52	9.38	2.63	2.39	0.56	10.93	2.93	2.86	0.63	13.12
	5	15	0.87	0.87	0.15	0.91	1.34	1.34	0.23	1.50	1.76	1.76	0.30	3.04	2.20	2.20	0.38	5.37	2.67	2.67	0.46	7.64
		17	0.87	0.87	0.15	0.91	1.34	1.34	0.23	1.51	1.76	1.76	0.30	3.05	2.21	2.21	0.38	5.39	2.67	2.67	0.46	7.66
		19	-	-	-	-	1.41	1.29	0.24	1.70	1.77	1.76	0.30	3.10	2.21	2.21	0.38	5.41	2.67	2.67	0.46	7.68
		20	-	-	-	-	1.66	1.20	0.28	2.59	1.93	1.69	0.33	3.89	2.28	2.19	0.39	5.78	2.68	2.67	0.46	7.73
	6	15	0.64	0.64	0.09	0.55	1.14	1.14	0.16	0.98	1.60	1.60	0.23	1.51	2.02	2.02	0.29	2.73	2.45	2.45	0.35	4.54
		17	0.64	0.64	0.09	0.55	1.14	1.14	0.16	0.98	1.60	1.60	0.23	1.51	2.02	2.02	0.29	2.74	2.46	2.46	0.35	4.56
		19	-	-	-	-	1.16	1.13	0.17	1.00	1.60	1.60	0.23	1.51	2.02	2.02	0.29	2.75	2.46	2.46	0.35	4.57
		20	-	-	-	-	1.29	1.05	0.19	1.11	1.68	1.55	0.24	1.68	2.04	2.02	0.29	2.81	2.46	2.46	0.35	4.57
15	3	15	0.81	0.81	0.23	1.51	1.24	1.24	0.35	4.70	1.71	1.71	0.49	8.49	2.17	2.17	0.62	12.65	2.61	2.61	0.75	17.61
		17	0.81	0.81	0.23	1.52	1.25	1.25	0.36	4.71	1.72	1.72	0.49	8.51	2.17	2.17	0.62	12.68	2.61	2.61	0.75	17.66
		19	-	-	-	-	1.27	1.24	0.36	4.93	1.72	1.71	0.49	8.51	2.17	2.17	0.62	12.72	2.62	2.62	0.75	17.71
		20	-	-	-	-	1.63	1.20	0.46	7.75	1.87	1.69	0.53	9.80	2.19	2.17	0.63	12.91	2.62	2.62	0.75	17.73
	4	15	0.60	0.60	0.13	0.76	1.08	1.08	0.23	1.52	1.50	1.50	0.32	3.71	1.97	1.97	0.42	6.58	2.43	2.43	0.52	9.48
		17	0.60	0.60	0.13	0.76	1.08	1.08	0.23	1.53	1.50	1.50	0.32	3.72	1.97	1.97	0.42	6.60	2.43	2.43	0.52	9.51
		19	-	-	-	-	1.08	1.07	0.23	1.53	1.51	1.51	0.32	3.74	1.97	1.97	0.42	6.62	2.44	2.44	0.52	9.54
		20	-	-	-	-	1.18	1.01	0.25	1.93	1.53	1.49	0.33	3.91	1.97	1.97	0.42	6.61	2.44	2.44	0.53	9.55
	5	15	0.37	0.37	0.06	0.36	0.88	0.88	0.15	0.88	1.34	1.34	0.23	1.55	1.77	1.77	0.30	3.23	2.22	2.22	0.38	5.53
		17	0.37	0.37	0.06	0.36	0.88	0.88	0.15	0.88	1.35	1.35	0.23	1.56	1.77	1.77	0.30	3.24	2.22	2.22	0.38	5.55
		19	-	-	-	-	0.88	0.88	0.15	0.88	1.35	1.35	0.23	1.56	1.77	1.77	0.31	3.25	2.23	2.23	0.38	5.56
		20	-	-	-	-	0.91	0.86	0.16	0.91	1.35	1.35	0.23	1.57	1.77	1.77	0.31	3.26	2.23	2.23	0.38	5.57
	6	15	-	-	-	-	0.66	0.66	0.09	0.54	1.15	1.15	0.17	0.95	1.61	1.61	0.23	1.55	2.03	2.03	0.29	2.89
		17	-	-	-	-	0.66	0.66	0.09	0.54	1.15	1.15	0.17	0.95	1.61	1.61	0.23	1.56	2.03	2.03	0.29	2.90
		19	-	-	-	-	0.66	0.66	0.09	0.54	1.16	1.16	0.17	0.95	1.61	1.61	0.23	1.56	2.03	2.03	0.29	2.91
		20	-	-	-	-	0.66	0.66	0.09	0.54	1.16	1.15	0.17	0.95	1.61	1.61	0.23	1.57	2.03	2.03	0.29	2.91

Abbreviations:

EWT: Enter Water Temp. (°C)

Δt: Temperature Difference. (°C)

DB: Dry Bulb Temp. (°C)

WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C)

TC: Total Cooling Capacity. (kW)

SC: Sensible Cooling Capacity. (kW)

WPD: Water Pressure Drop. (kPa)

Heating Capacity Table

MDKT3-05S/05H/05U													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	4.86	0.53	8.46	4.32	0.47	6.90	3.79	0.41	5.51	3.25	0.35	4.25
	10	4.50	0.39	5.07	3.95	0.34	4.06	3.39	0.29	3.14	2.81	0.24	2.21
	12	4.08	0.29	3.18	3.49	0.25	2.38	2.93	0.21	1.55	2.40	0.17	0.90
	14	3.61	0.22	1.75	3.07	0.19	1.13	2.52	0.16	0.71	1.91	0.12	0.50
	16	3.21	0.17	0.89	2.63	0.14	0.63	1.99	0.11	0.47	1.26	0.07	0.31
45	8	6.17	0.66	12.38	5.64	0.61	10.61	5.11	0.55	8.96	4.58	0.49	7.44
	10	5.85	0.50	7.74	5.31	0.46	6.56	4.78	0.41	5.47	4.24	0.37	4.46
	12	5.50	0.40	5.14	4.95	0.36	4.30	4.40	0.32	3.51	3.83	0.28	2.79
	14	5.10	0.31	3.49	4.52	0.28	2.85	3.93	0.24	2.21	3.36	0.21	1.54
	16	4.64	0.25	2.35	4.05	0.22	1.75	3.49	0.19	1.19	2.95	0.16	0.76
50	8	7.46	0.80	16.84	6.93	0.75	14.82	6.40	0.69	12.92	5.88	0.63	11.15
	10	7.17	0.62	10.77	6.64	0.57	9.43	6.11	0.53	8.16	5.58	0.48	6.99
	12	6.85	0.49	7.29	6.31	0.45	6.33	5.77	0.42	5.43	5.23	0.38	4.59
	14	6.51	0.40	5.15	5.96	0.37	4.43	5.40	0.33	3.75	4.84	0.30	3.12
	16	6.13	0.33	3.73	5.56	0.30	3.16	4.98	0.27	2.63	4.40	0.24	2.11
55	8	8.75	0.95	21.90	8.22	0.89	19.62	7.69	0.83	17.47	7.16	0.77	15.45
	10	8.47	0.73	14.03	7.94	0.69	12.58	7.41	0.64	11.16	6.88	0.59	9.81
	12	8.18	0.59	9.67	7.64	0.55	8.59	7.11	0.51	7.58	6.57	0.47	6.63
	14	7.87	0.49	6.98	7.33	0.45	6.17	6.78	0.42	5.41	6.24	0.39	4.69
	16	7.53	0.41	5.16	6.97	0.38	4.53	6.42	0.35	3.93	5.86	0.32	3.37
60	8	10.03	1.08	27.19	9.50	1.02	24.68	8.96	0.97	22.31	8.43	0.91	20.06
	10	9.77	0.84	17.71	9.23	0.80	16.04	8.70	0.75	14.46	8.17	0.70	12.90
	12	9.50	0.68	12.30	8.96	0.64	11.11	8.42	0.61	9.98	7.89	0.57	8.91
	14	9.20	0.57	8.93	8.66	0.53	8.03	8.12	0.50	7.19	7.58	0.47	6.39
	16	8.89	0.48	6.73	8.34	0.45	6.03	7.80	0.42	5.37	7.25	0.39	4.74

Abbreviations:

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

Cooling Capacity Table

MDKT3-06S/06H																							
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	4.73	3.59	1.35	55.41	4.70	4.10	1.35	54.92	4.81	4.63	1.38	57.12	5.15	5.15	1.49	65.28	5.65	5.65	1.63	76.75	
		17	6.27	3.62	1.81	92.05	6.24	4.13	1.80	91.12	6.20	4.64	1.79	90.18	6.15	5.13	1.77	87.85	6.15	5.64	1.78	88.62	
		19	-	-	-	-	7.87	4.15	2.29	137.60	7.82	4.65	2.25	134.23	7.78	5.15	2.24	132.94	7.73	5.65	2.23	131.62	
		20	-	-	-	-	8.73	4.15	2.52	162.97	8.68	4.66	2.50	161.35	8.63	5.16	2.49	159.79	8.58	5.66	2.48	158.22	
	4	15	4.18	3.34	0.90	27.15	4.26	3.87	0.91	28.10	4.51	4.42	0.97	30.92	4.94	4.94	1.06	36.30	5.45	5.45	1.17	42.92	
		17	5.76	3.38	1.24	47.21	5.73	3.89	1.23	46.73	5.69	4.40	1.22	46.26	5.67	4.91	1.22	45.98	5.77	5.42	1.24	47.31	
		19	-	-	-	-	7.39	3.92	1.60	73.51	7.34	4.43	1.58	71.89	7.31	4.94	1.58	72.09	7.26	5.43	1.56	70.54	
		20	-	-	-	-	8.26	3.93	1.79	89.39	8.22	4.44	1.78	88.52	8.17	4.95	1.77	87.65	8.13	5.45	1.76	86.82	
	5	15	3.63	3.07	0.62	14.51	3.87	3.64	0.67	16.35	4.23	4.21	0.73	19.03	4.72	4.72	0.81	22.80	5.24	5.24	0.90	27.19	
		17	5.19	3.12	0.89	26.73	5.16	3.63	0.89	26.45	5.13	4.15	0.88	26.23	5.22	4.67	0.90	27.01	5.43	5.22	0.94	29.16	
		19	-	-	-	-	6.86	3.68	1.18	43.21	6.82	4.19	1.17	42.78	6.78	4.70	1.16	42.36	6.74	5.19	1.16	41.94	
		20	-	-	-	-	7.74	3.70	1.33	53.35	7.70	4.21	1.32	52.84	7.66	4.71	1.32	52.33	7.62	5.22	1.31	52.01	
	6	15	3.12	2.80	0.45	7.84	3.50	3.39	0.50	9.93	3.97	3.97	0.57	12.44	4.50	4.50	0.65	15.40	5.01	5.01	0.72	18.41	
		17	4.56	2.84	0.65	15.70	4.53	3.36	0.65	15.52	4.61	3.89	0.66	16.01	4.81	4.44	0.69	17.12	5.11	5.00	0.73	19.05	
		19	-	-	-	-	6.28	3.42	0.90	26.98	6.24	3.93	0.89	26.71	6.20	4.44	0.89	26.44	6.18	4.94	0.88	26.25	
		20	-	-	-	-	7.20	3.45	1.03	34.36	7.15	3.97	1.03	34.00	7.11	4.47	1.02	33.68	7.07	4.98	1.02	33.35	
7	3	15	3.59	3.06	1.04	34.40	3.75	3.61	1.08	37.15	4.13	4.13	1.19	43.48	4.64	4.64	1.33	53.21	5.15	5.15	1.48	63.66	
		17	5.12	3.09	1.48	63.38	5.09	3.60	1.47	62.91	5.06	4.11	1.46	62.02	5.07	4.62	1.47	62.49	5.24	5.15	1.51	66.17	
		19	-	-	-	-	6.74	3.62	1.95	102.33	6.70	4.13	1.95	102.39	6.67	4.64	1.94	101.61	6.63	5.14	1.93	100.56	
		20	-	-	-	-	7.61	3.63	2.21	127.66	7.56	4.14	2.19	125.28	7.52	4.65	2.17	124.03	7.48	5.15	2.17	123.83	
	4	15	3.13	2.83	0.68	16.47	3.44	3.39	0.74	19.23	3.92	3.92	0.84	24.08	4.44	4.44	0.96	30.09	4.94	4.94	1.06	35.86	
		17	4.57	2.84	0.99	31.62	4.54	3.36	0.98	31.27	4.55	3.88	0.98	31.34	4.70	4.41	1.02	33.11	4.98	4.95	1.07	36.31	
		19	-	-	-	-	6.22	3.39	1.35	53.89	6.19	3.91	1.34	53.35	6.15	4.41	1.33	52.80	6.11	4.91	1.32	52.23	
		20	-	-	-	-	7.09	3.40	1.53	67.05	7.05	3.92	1.52	66.40	7.01	4.42	1.51	65.72	6.97	4.93	1.50	65.06	
	5	15	2.70	2.57	0.46	8.55	3.16	3.15	0.54	11.33	3.69	3.69	0.64	14.81	4.22	4.22	0.73	18.55	4.73	4.73	0.81	22.59	
		17	3.92	2.56	0.68	16.37	3.92	3.09	0.68	16.38	4.07	3.64	0.70	17.45	4.35	4.20	0.75	19.54	4.74	4.74	0.82	22.67	
		19	-	-	-	-	5.65	3.15	0.98	30.78	5.62	3.66	0.97	30.46	5.58	4.17	0.96	30.13	5.59	4.68	0.97	30.20	
		20	-	-	-	-	6.53	3.16	1.13	39.28	6.50	3.68	1.12	38.89	6.46	4.19	1.11	38.49	6.42	4.69	1.11	38.10	
	6	15	2.41	2.36	0.35	4.19	2.89	2.89	0.41	6.67	3.44	3.44	0.49	9.57	3.98	3.98	0.57	12.29	4.51	4.51	0.65	15.18	
		17	3.11	2.23	0.45	7.91	3.32	2.81	0.48	8.97	3.65	3.40	0.52	10.56	4.04	3.97	0.58	12.57	4.52	4.51	0.65	15.21	
		19	-	-	-	-	4.98	2.87	0.72	17.99	4.95	3.39	0.71	17.78	4.96	3.91	0.71	17.84	5.10	4.45	0.73	18.71	
		20	-	-	-	-	5.93	2.91	0.85	24.28	5.89	3.43	0.85	24.03	5.85	3.94	0.84	23.79	5.82	4.44	0.84	23.56	

(Continued)

MDKT3-06S/06H																						
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	2.62	2.56	0.75	19.59	3.10	3.10	0.89	26.09	3.62	3.62	1.04	34.08	4.14	4.14	1.20	43.47	4.64	4.64	1.33	52.37
		17	3.88	2.55	1.12	38.37	3.85	3.06	1.11	37.87	3.93	3.59	1.13	39.22	4.18	4.14	1.21	44.28	4.64	4.64	1.34	52.50
		19	-	-	-	-	5.53	3.10	1.61	72.16	5.49	3.61	1.59	71.13	5.45	4.11	1.57	69.45	5.42	4.62	1.56	68.74
		20	-	-	-	-	6.41	3.11	1.86	93.43	6.37	3.62	1.85	92.47	6.33	4.13	1.84	91.48	6.29	4.63	1.83	90.52
	4	15	2.33	2.33	0.50	9.77	2.88	2.88	0.62	14.03	3.41	3.41	0.74	18.74	3.93	3.93	0.85	24.04	4.44	4.44	0.96	29.34
		17	3.23	2.28	0.70	17.00	3.31	2.82	0.71	17.82	3.56	3.38	0.77	20.17	3.94	3.94	0.85	24.14	4.44	4.44	0.96	29.42
		19	-	-	-	-	4.94	2.85	1.06	35.30	4.91	3.37	1.06	34.91	4.88	3.88	1.05	34.53	4.95	4.40	1.07	35.43
		20	-	-	-	-	5.84	2.87	1.26	47.08	5.80	3.39	1.25	46.74	5.78	3.90	1.25	46.70	5.74	4.41	1.24	46.18
	5	15	2.07	2.07	0.36	4.67	2.62	2.62	0.45	8.09	3.17	3.17	0.55	11.24	3.71	3.71	0.64	14.71	4.23	4.23	0.73	18.34
		17	2.51	1.98	0.43	7.42	2.83	2.58	0.49	9.27	3.23	3.16	0.56	11.58	3.71	3.71	0.64	14.74	4.23	4.23	0.73	18.38
		19	-	-	-	-	4.28	2.59	0.74	18.68	4.25	3.11	0.73	18.45	4.34	3.64	0.75	19.12	4.54	4.19	0.78	20.72
		20	-	-	-	-	5.21	2.62	0.90	26.19	5.18	3.14	0.89	25.90	5.14	3.65	0.89	25.60	5.15	4.16	0.89	25.67
	6	15	1.88	1.88	0.27	2.24	2.38	2.38	0.34	4.20	2.91	2.91	0.42	6.93	3.47	3.47	0.50	9.56	4.00	4.00	0.57	12.19
		17	2.08	1.77	0.30	2.92	2.46	2.34	0.35	4.56	2.92	2.92	0.42	6.98	3.47	3.47	0.50	9.58	4.01	4.01	0.57	12.22
		19	-	-	-	-	3.46	2.28	0.50	9.50	3.59	2.83	0.51	10.10	3.85	3.40	0.55	11.38	4.18	3.97	0.60	13.10
		20	-	-	-	-	4.48	2.34	0.64	14.75	4.45	2.86	0.64	14.56	4.47	3.38	0.64	14.66	4.62	3.93	0.66	15.55
11	3	15	2.04	2.04	0.58	12.42	2.58	2.58	0.74	18.52	3.10	3.10	0.89	25.48	3.62	3.62	1.03	33.20	4.13	4.13	1.19	42.30
		17	2.52	1.99	0.72	17.76	2.73	2.56	0.78	20.41	3.11	3.11	0.89	25.54	3.63	3.63	1.04	33.28	4.14	4.14	1.19	42.41
		19	-	-	-	-	4.20	2.55	1.20	42.91	4.18	3.07	1.20	42.86	4.18	3.59	1.20	42.85	4.33	4.12	1.24	45.31
		20	-	-	-	-	5.09	2.57	1.46	59.92	5.05	3.09	1.45	59.26	5.02	3.60	1.44	58.58	4.99	4.10	1.43	57.90
	4	15	1.78	1.78	0.38	5.67	2.34	2.34	0.50	9.62	2.89	2.89	0.62	13.71	3.41	3.41	0.73	18.26	3.93	3.93	0.84	23.27
		17	1.96	1.73	0.42	7.00	2.38	2.33	0.51	9.91	2.89	2.89	0.62	13.73	3.42	3.42	0.73	18.30	3.94	3.94	0.84	23.32
		19	-	-	-	-	3.53	2.30	0.76	19.26	3.55	2.83	0.76	19.47	3.73	3.38	0.80	21.23	4.02	3.93	0.86	24.22
		20	-	-	-	-	4.46	2.33	0.96	28.91	4.43	2.85	0.95	28.56	4.40	3.36	0.94	28.22	4.48	3.89	0.96	29.19
	5	15	1.58	1.58	0.27	2.33	2.09	2.09	0.36	4.94	2.65	2.65	0.46	8.14	3.19	3.19	0.55	11.19	3.72	3.72	0.64	14.40
		17	1.64	1.54	0.28	2.56	2.09	2.09	0.36	4.96	2.65	2.65	0.46	8.16	3.20	3.20	0.55	11.21	3.72	3.72	0.64	14.43
		19	-	-	-	-	2.75	2.01	0.47	8.67	3.01	2.59	0.52	10.09	3.35	3.16	0.58	12.13	3.75	3.72	0.64	14.62
		20	-	-	-	-	3.71	2.05	0.64	14.29	3.68	2.57	0.63	14.11	3.82	3.12	0.66	15.13	4.05	3.68	0.70	16.78
	6	15	1.36	1.36	0.20	1.31	1.89	1.89	0.27	2.34	2.40	2.40	0.34	4.43	2.94	2.94	0.42	7.00	3.49	3.49	0.50	9.44
		17	1.37	1.35	0.20	1.32	1.89	1.89	0.27	2.34	2.40	2.40	0.34	4.44	2.94	2.94	0.42	7.02	3.49	3.49	0.50	9.46
		19	-	-	-	-	2.16	1.76	0.31	3.39	2.53	2.34	0.36	5.07	2.99	2.93	0.43	7.25	3.50	3.49	0.50	9.48
		20	-	-	-	-	2.73	1.70	0.39	6.03	2.94	2.28	0.42	7.02	3.28	2.87	0.47	8.49	3.65	3.46	0.52	10.22

(Continued)

MDKT3-06S/06H																						
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	1.50	1.50	0.43	7.31	2.05	2.05	0.59	12.49	2.59	2.59	0.74	18.56	3.11	3.11	0.89	25.45	3.62	3.62	1.03	32.72
		17	1.51	1.50	0.43	7.43	2.05	2.05	0.59	12.52	2.59	2.59	0.74	18.60	3.11	3.11	0.90	25.52	3.62	3.62	1.04	32.80
		19	-	-	-	-	2.74	2.00	0.79	20.42	2.88	2.55	0.83	22.25	3.17	3.11	0.91	26.29	3.63	3.63	1.04	32.88
		20	-	-	-	-	3.65	2.02	1.04	33.12	3.61	2.54	1.03	32.62	3.64	3.07	1.04	33.07	3.82	3.61	1.09	36.00
	4	15	1.27	1.27	0.27	2.43	1.79	1.79	0.38	5.87	2.35	2.35	0.50	9.55	2.89	2.89	0.62	13.56	3.42	3.42	0.74	18.23
		17	1.27	1.26	0.27	2.42	1.80	1.80	0.38	5.88	2.36	2.36	0.51	9.57	2.90	2.90	0.62	13.59	3.43	3.43	0.74	18.27
		19	-	-	-	-	2.08	1.74	0.45	7.75	2.46	2.33	0.53	10.31	2.91	2.90	0.62	13.66	3.43	3.43	0.74	18.32
		20	-	-	-	-	2.87	1.75	0.61	13.34	2.93	2.29	0.63	13.85	3.18	2.86	0.69	16.08	3.51	3.42	0.76	19.05
	5	15	1.04	1.04	0.18	1.15	1.58	1.58	0.27	2.39	2.10	2.10	0.36	5.07	2.66	2.66	0.46	8.02	3.20	3.20	0.55	10.98
		17	1.05	1.05	0.18	1.16	1.58	1.58	0.27	2.40	2.10	2.10	0.36	5.09	2.66	2.66	0.46	8.04	3.20	3.20	0.55	11.01
		19	-	-	-	-	1.67	1.52	0.29	2.78	2.12	2.10	0.36	5.20	2.66	2.66	0.46	8.05	3.21	3.21	0.55	11.04
		20	-	-	-	-	1.99	1.43	0.34	4.45	2.35	2.04	0.40	6.48	2.78	2.63	0.48	8.63	3.23	3.21	0.55	11.14
	6	15	0.78	0.78	0.11	0.71	1.37	1.37	0.20	1.25	1.89	1.89	0.27	2.41	2.41	2.41	0.34	4.57	2.96	2.96	0.42	7.04
		17	0.78	0.78	0.11	0.71	1.37	1.37	0.20	1.25	1.89	1.89	0.27	2.42	2.41	2.41	0.34	4.58	2.96	2.96	0.42	7.06
		19	-	-	-	-	1.40	1.35	0.20	1.28	1.90	1.90	0.27	2.43	2.41	2.41	0.35	4.60	2.97	2.97	0.42	7.07
		20	-	-	-	-	1.57	1.26	0.23	1.53	1.98	1.83	0.28	2.75	2.44	2.40	0.35	4.72	2.97	2.96	0.42	7.08
15	3	15	0.95	0.95	0.27	2.45	1.50	1.50	0.43	7.15	2.05	2.05	0.59	12.17	2.59	2.59	0.74	18.30	3.10	3.10	0.89	24.72
		17	0.95	0.95	0.27	2.46	1.50	1.50	0.43	7.17	2.06	2.06	0.59	12.20	2.59	2.59	0.74	18.35	3.11	3.11	0.89	24.78
		19	-	-	-	-	1.55	1.49	0.44	7.51	2.05	2.05	0.59	12.18	2.59	2.59	0.75	18.39	3.11	3.11	0.89	24.85
		20	-	-	-	-	2.00	1.45	0.57	11.63	2.25	2.02	0.64	14.24	2.62	2.59	0.75	18.75	3.11	3.11	0.89	24.87
	4	15	0.73	0.73	0.16	0.97	1.27	1.27	0.27	2.48	1.81	1.81	0.39	5.98	2.37	2.37	0.51	9.59	2.90	2.90	0.63	13.56
		17	0.73	0.73	0.16	0.97	1.27	1.27	0.27	2.49	1.81	1.81	0.39	6.00	2.37	2.37	0.51	9.62	2.91	2.91	0.63	13.60
		19	-	-	-	-	1.27	1.27	0.27	2.49	1.81	1.81	0.39	6.02	2.38	2.38	0.51	9.64	2.91	2.91	0.63	13.63
		20	-	-	-	-	1.39	1.20	0.30	3.22	1.86	1.80	0.40	6.29	2.38	2.37	0.51	9.64	2.91	2.91	0.63	13.65
	5	15	0.45	0.45	0.08	0.47	1.06	1.06	0.18	1.12	1.59	1.59	0.27	2.55	2.12	2.12	0.37	5.31	2.68	2.68	0.46	8.05
		17	0.45	0.45	0.08	0.47	1.06	1.06	0.18	1.12	1.59	1.59	0.27	2.55	2.12	2.12	0.37	5.32	2.68	2.68	0.46	8.07
		19	-	-	-	-	1.06	1.06	0.18	1.12	1.59	1.59	0.27	2.56	2.12	2.12	0.37	5.34	2.68	2.68	0.46	8.09
		20	-	-	-	-	1.10	1.03	0.19	1.16	1.59	1.59	0.27	2.58	2.13	2.13	0.37	5.35	2.69	2.69	0.46	8.10
	6	15	-	-	-	-	0.80	0.80	0.11	0.69	1.39	1.39	0.20	1.23	1.90	1.90	0.27	2.55	2.42	2.42	0.35	4.79
		17	-	-	-	-	0.80	0.80	0.12	0.69	1.39	1.39	0.20	1.23	1.90	1.90	0.27	2.56	2.43	2.43	0.35	4.81
		19	-	-	-	-	0.80	0.80	0.12	0.69	1.39	1.39	0.20	1.23	1.90	1.90	0.27	2.57	2.43	2.43	0.35	4.82
		20	-	-	-	-	0.80	0.80	0.12	0.69	1.39	1.38	0.20	1.23	1.90	1.90	0.27	2.58	2.43	2.43	0.35	4.83

Abbreviations:

EWT: Enter Water Temp. (°C)

 ΔT : Temperature Difference. (°C)

DB: Dry Bulb Temp. (°C)

WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C)

TC: Total Cooling Capacity. (kW)

SC: Sensible Cooling Capacity. (kW)

WPD: Water Pressure Drop. (kPa)

Heating Capacity Table

MDKT3-06S/06H													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	5.58	0.60	11.34	4.97	0.54	9.29	4.35	0.47	7.36	3.73	0.40	5.67
	10	5.16	0.45	6.76	4.53	0.39	5.42	3.89	0.34	4.18	3.22	0.28	3.05
	12	4.68	0.34	4.24	4.01	0.29	3.27	3.33	0.24	2.25	2.70	0.19	1.30
	14	4.10	0.25	2.51	3.45	0.21	1.64	2.83	0.17	0.96	2.15	0.13	0.60
	16	3.60	0.19	1.26	2.96	0.16	0.80	2.24	0.12	0.56	1.42	0.08	0.36
45	8	7.09	0.76	16.66	6.49	0.70	14.33	5.88	0.63	12.03	5.27	0.57	9.97
	10	6.72	0.58	10.36	6.10	0.53	8.78	5.48	0.47	7.31	4.86	0.42	5.95
	12	6.31	0.45	6.86	5.68	0.41	5.73	5.04	0.36	4.68	4.40	0.32	3.71
	14	5.84	0.36	4.64	5.19	0.32	3.80	4.52	0.28	3.00	3.83	0.24	2.21
	16	5.32	0.29	3.19	4.62	0.25	2.47	3.95	0.21	1.72	3.31	0.18	1.08
50	8	8.60	0.93	22.86	7.98	0.86	20.00	7.37	0.79	17.42	6.77	0.73	15.02
	10	8.25	0.71	14.48	7.63	0.66	12.66	7.02	0.61	10.95	6.41	0.55	9.36
	12	7.87	0.57	9.75	7.25	0.52	8.46	6.62	0.48	7.26	6.00	0.43	6.13
	14	7.46	0.46	6.87	6.83	0.42	5.90	6.19	0.38	5.00	5.55	0.34	4.15
	16	7.02	0.38	4.95	6.37	0.34	4.19	5.71	0.31	3.50	5.04	0.27	2.83
55	8	10.10	1.09	29.52	9.47	1.02	26.43	8.86	0.95	23.52	8.26	0.89	20.89
	10	9.76	0.84	18.93	9.14	0.79	16.89	8.52	0.74	14.96	7.91	0.68	13.17
	12	9.41	0.68	12.99	8.78	0.63	11.54	8.17	0.59	10.17	7.55	0.54	8.88
	14	9.03	0.56	9.35	8.41	0.52	8.26	7.78	0.48	7.23	7.16	0.44	6.26
	16	8.63	0.47	6.90	8.00	0.43	6.05	7.36	0.40	5.24	6.72	0.36	4.48
60	8	11.58	1.25	37.02	10.96	1.18	33.68	10.34	1.12	30.34	9.73	1.05	27.21
	10	11.27	0.97	23.96	10.64	0.92	21.69	10.03	0.87	19.54	9.41	0.81	17.50
	12	10.93	0.79	16.58	10.31	0.74	14.97	9.69	0.70	13.44	9.07	0.65	11.99
	14	10.57	0.65	11.99	9.94	0.61	10.78	9.32	0.57	9.64	8.70	0.54	8.56
	16	10.21	0.55	9.01	9.57	0.52	8.06	8.94	0.48	7.17	8.32	0.45	6.33

Abbreviations:

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

Cooling Capacity Table

MDKT3-06U																						
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	4.74	3.61	1.36	55.66	4.72	4.12	1.35	55.19	4.83	4.65	1.38	57.49	5.18	5.18	1.50	65.90	5.69	5.69	1.64	77.51
		17	6.29	3.63	1.82	92.59	6.26	4.15	1.81	91.72	6.22	4.66	1.80	90.79	6.18	5.16	1.77	88.12	6.17	5.67	1.79	89.45
		19	-	-	-	-	7.90	4.16	2.29	137.72	7.85	4.67	2.26	135.28	7.81	5.18	2.25	133.97	7.77	5.68	2.24	132.68
		20	-	-	-	-	8.77	4.17	2.53	164.29	8.72	4.68	2.52	162.73	8.67	5.19	2.50	161.13	8.63	5.69	2.49	159.59
	4	15	4.18	3.35	0.90	27.17	4.27	3.89	0.92	28.17	4.52	4.44	0.97	31.08	4.97	4.97	1.07	36.58	5.47	5.47	1.18	43.28
		17	5.77	3.39	1.24	47.38	5.74	3.91	1.23	46.91	5.71	4.42	1.23	46.44	5.69	4.93	1.22	46.17	5.78	5.45	1.24	47.58
		19	-	-	-	-	7.42	3.94	1.60	73.93	7.37	4.45	1.59	73.20	7.32	4.95	1.57	71.63	7.28	5.46	1.57	70.95
		20	-	-	-	-	8.29	3.95	1.79	89.95	8.25	4.46	1.78	89.09	8.20	4.97	1.77	88.23	8.16	5.47	1.76	87.38
	5	15	3.62	3.08	0.62	14.47	3.88	3.66	0.67	16.37	4.24	4.22	0.73	19.11	4.74	4.74	0.81	22.94	5.26	5.26	0.90	27.38
		17	5.19	3.12	0.89	26.74	5.16	3.64	0.89	26.46	5.14	4.16	0.88	26.25	5.23	4.69	0.90	27.07	5.45	5.24	0.94	29.29
		19	-	-	-	-	6.87	3.69	1.18	43.35	6.83	4.20	1.17	42.91	6.79	4.71	1.17	42.50	6.75	5.22	1.16	42.09
		20	-	-	-	-	7.76	3.71	1.33	53.57	7.72	4.22	1.33	53.06	7.68	4.73	1.32	52.56	7.64	5.24	1.31	52.06
	6	15	3.11	2.80	0.45	7.78	3.49	3.40	0.50	9.93	3.97	3.97	0.57	12.49	4.51	4.51	0.65	15.48	5.03	5.03	0.72	18.52
		17	4.55	2.84	0.65	15.64	4.52	3.36	0.65	15.46	4.60	3.90	0.66	15.98	4.81	4.46	0.69	17.14	5.13	5.02	0.73	19.12
		19	-	-	-	-	6.28	3.43	0.90	26.99	6.24	3.94	0.89	26.72	6.20	4.45	0.89	26.45	6.18	4.96	0.88	26.27
		20	-	-	-	-	7.20	3.46	1.03	34.41	7.16	3.97	1.03	34.06	7.12	4.49	1.02	33.74	7.08	4.99	1.02	33.42
7	3	15	3.60	3.08	1.04	34.55	3.76	3.62	1.09	37.34	4.15	4.15	1.19	43.85	4.67	4.67	1.34	53.69	5.17	5.17	1.49	64.35
		17	5.13	3.10	1.48	63.39	5.11	3.62	1.48	63.21	5.08	4.13	1.47	62.52	5.09	4.65	1.47	62.84	5.27	5.18	1.52	66.70
		19	-	-	-	-	6.76	3.63	1.95	102.80	6.73	4.15	1.95	102.36	6.69	4.66	1.95	102.29	6.66	5.17	1.93	101.30
		20	-	-	-	-	7.64	3.65	2.22	128.61	7.59	4.16	2.20	126.26	7.56	4.67	2.20	126.30	7.51	5.18	2.17	124.18
	4	15	3.13	2.83	0.68	16.47	3.45	3.40	0.74	19.31	3.94	3.94	0.85	24.24	4.46	4.46	0.96	30.32	4.97	4.97	1.07	36.15
		17	4.58	2.85	0.99	31.66	4.55	3.37	0.98	31.31	4.56	3.89	0.99	31.41	4.71	4.43	1.02	33.25	5.00	4.97	1.08	36.57
		19	-	-	-	-	6.24	3.41	1.35	54.11	6.20	3.92	1.34	53.57	6.17	4.43	1.34	53.03	6.13	4.94	1.33	52.46
		20	-	-	-	-	7.11	3.41	1.53	67.39	7.07	3.93	1.53	66.74	7.03	4.44	1.52	66.06	6.99	4.95	1.51	65.41
	5	15	2.69	2.57	0.46	8.53	3.16	3.16	0.54	11.37	3.70	3.70	0.64	14.89	4.23	4.23	0.73	18.66	4.75	4.75	0.82	22.74
		17	3.91	2.57	0.67	16.31	3.91	3.10	0.67	16.33	4.07	3.65	0.70	17.45	4.36	4.21	0.75	19.61	4.76	4.76	0.82	22.82
		19	-	-	-	-	5.65	3.16	0.98	30.81	5.62	3.67	0.97	30.49	5.58	4.18	0.96	30.15	5.59	4.70	0.97	30.26
		20	-	-	-	-	6.54	3.17	1.13	39.38	6.51	3.69	1.12	38.98	6.47	4.20	1.11	38.58	6.43	4.71	1.11	38.20
	6	15	2.40	2.36	0.35	4.17	2.89	2.89	0.41	6.68	3.45	3.45	0.49	9.60	3.99	3.99	0.57	12.34	4.52	4.52	0.65	15.26
		17	3.09	2.23	0.44	7.79	3.31	2.81	0.47	8.91	3.64	3.41	0.52	10.54	4.04	3.99	0.58	12.60	4.53	4.53	0.65	15.29
		19	-	-	-	-	4.97	2.88	0.71	17.93	4.94	3.39	0.71	17.72	4.95	3.92	0.71	17.80	5.10	4.46	0.73	18.71
		20	-	-	-	-	5.92	2.92	0.85	24.27	5.89	3.43	0.85	24.02	5.85	3.95	0.84	23.77	5.82	4.46	0.84	23.55

(Continued)

MDKT3-06U																						
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	2.63	2.57	0.76	19.66	3.12	3.12	0.90	26.67	3.64	3.64	1.05	34.35	4.16	4.16	1.20	43.85	4.66	4.66	1.34	52.85
		17	3.88	2.55	1.12	38.46	3.86	3.07	1.11	37.96	3.94	3.61	1.13	39.38	4.20	4.16	1.22	44.61	4.67	4.67	1.34	52.99
		19	-	-	-	-	5.55	3.11	1.61	72.53	5.51	3.62	1.60	71.74	5.48	4.14	1.59	71.01	5.43	4.64	1.57	69.11
		20	-	-	-	-	6.43	3.12	1.87	94.00	6.39	3.64	1.86	93.03	6.35	4.15	1.85	92.07	6.32	4.66	1.84	91.12
	4	15	2.33	2.33	0.50	9.79	2.89	2.89	0.62	14.10	3.42	3.42	0.74	18.85	3.95	3.95	0.85	24.20	4.46	4.46	0.96	29.57
		17	3.22	2.28	0.69	16.94	3.31	2.83	0.71	17.80	3.57	3.40	0.77	20.23	3.96	3.95	0.86	24.30	4.46	4.46	0.96	29.65
		19	-	-	-	-	4.95	2.86	1.07	35.36	4.92	3.38	1.06	34.97	4.89	3.89	1.05	34.60	4.96	4.42	1.07	35.55
		20	-	-	-	-	5.85	2.88	1.26	47.23	5.81	3.40	1.25	46.74	5.79	3.92	1.25	46.79	5.75	4.43	1.25	46.34
	5	15	2.07	2.07	0.36	4.67	2.62	2.62	0.45	8.11	3.18	3.18	0.55	11.29	3.72	3.72	0.64	14.79	4.24	4.24	0.73	18.45
		17	2.49	1.98	0.43	7.33	2.83	2.58	0.49	9.23	3.23	3.17	0.56	11.60	3.72	3.72	0.64	14.82	4.25	4.25	0.73	18.50
		19	-	-	-	-	4.27	2.59	0.74	18.62	4.24	3.11	0.73	18.40	4.34	3.65	0.75	19.11	4.55	4.21	0.78	20.76
		20	-	-	-	-	5.21	2.62	0.90	26.18	5.17	3.14	0.89	25.89	5.14	3.66	0.89	25.59	5.15	4.18	0.89	25.68
	6	15	1.88	1.88	0.27	2.23	2.38	2.38	0.34	4.19	2.92	2.92	0.42	6.94	3.47	3.47	0.50	9.59	4.01	4.01	0.58	12.25
		17	2.07	1.77	0.30	2.88	2.45	2.35	0.35	4.53	2.93	2.92	0.42	6.98	3.48	3.48	0.50	9.61	4.02	4.02	0.58	12.28
		19	-	-	-	-	3.44	2.27	0.49	9.39	3.57	2.84	0.51	10.03	3.84	3.41	0.55	11.35	4.18	3.99	0.60	13.12
		20	-	-	-	-	4.47	2.34	0.64	14.67	4.44	2.86	0.64	14.48	4.46	3.39	0.64	14.60	4.62	3.94	0.66	15.52
11	3	15	2.05	2.05	0.58	12.47	2.59	2.59	0.74	18.64	3.12	3.12	0.89	25.66	3.64	3.64	1.04	33.47	4.15	4.15	1.20	42.67
		17	2.52	2.00	0.72	17.72	2.73	2.57	0.78	20.45	3.12	3.12	0.89	25.71	3.64	3.64	1.04	33.55	4.16	4.16	1.20	42.78
		19	-	-	-	-	4.21	2.56	1.20	43.02	4.18	3.09	1.20	42.85	4.19	3.61	1.20	42.84	4.35	4.14	1.24	45.57
		20	-	-	-	-	5.10	2.58	1.46	60.18	5.07	3.10	1.45	59.49	5.03	3.61	1.44	58.83	5.00	4.12	1.43	58.16
	4	15	1.78	1.78	0.38	5.67	2.35	2.35	0.50	9.65	2.90	2.90	0.62	13.78	3.43	3.43	0.73	18.38	3.95	3.95	0.85	23.44
		17	1.95	1.74	0.42	6.94	2.39	2.34	0.51	9.91	2.90	2.90	0.62	13.80	3.43	3.43	0.74	18.42	3.95	3.95	0.85	23.49
		19	-	-	-	-	3.52	2.30	0.75	19.20	3.54	2.84	0.76	19.44	3.73	3.39	0.80	21.26	4.04	3.94	0.86	24.33
		20	-	-	-	-	4.46	2.33	0.96	28.91	4.43	2.85	0.95	28.56	4.40	3.37	0.94	28.23	4.49	3.91	0.96	29.26
	5	15	1.58	1.58	0.27	2.33	2.09	2.09	0.36	4.95	2.65	2.65	0.46	8.16	3.20	3.20	0.55	11.24	3.73	3.73	0.64	14.48
		17	1.63	1.54	0.28	2.54	2.09	2.09	0.36	4.96	2.65	2.65	0.46	8.18	3.21	3.21	0.55	11.26	3.74	3.74	0.64	14.51
		19	-	-	-	-	2.74	2.01	0.47	8.59	3.00	2.59	0.52	10.05	3.35	3.17	0.58	12.13	3.76	3.74	0.65	14.68
		20	-	-	-	-	3.69	2.05	0.63	14.21	3.67	2.57	0.63	14.03	3.81	3.13	0.66	15.09	4.05	3.69	0.70	16.79
	6	15	1.36	1.36	0.19	1.30	1.89	1.89	0.27	2.33	2.40	2.40	0.34	4.43	2.94	2.94	0.42	7.02	3.49	3.49	0.50	9.47
		17	1.37	1.35	0.20	1.31	1.89	1.89	0.27	2.34	2.40	2.40	0.34	4.44	2.94	2.94	0.42	7.04	3.50	3.50	0.50	9.50
		19	-	-	-	-	2.15	1.76	0.31	3.34	2.52	2.34	0.36	5.02	2.99	2.93	0.43	7.24	3.50	3.50	0.50	9.52
		20	-	-	-	-	2.70	1.70	0.39	5.90	2.92	2.28	0.42	6.94	3.27	2.88	0.47	8.44	3.65	3.47	0.52	10.21

(Continued)

MDKT3-06U																						
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	1.50	1.50	0.43	7.32	2.06	2.06	0.59	12.55	2.60	2.60	0.75	18.67	3.12	3.12	0.90	25.65	3.64	3.64	1.04	33.00
		17	1.51	1.50	0.43	7.42	2.06	2.06	0.59	12.58	2.60	2.60	0.75	18.72	3.13	3.13	0.90	25.71	3.64	3.64	1.04	33.08
		19	-	-	-	-	2.73	2.01	0.79	20.37	2.88	2.56	0.83	22.28	3.18	3.12	0.91	26.38	3.65	3.65	1.04	33.16
		20	-	-	-	-	3.65	2.03	1.04	33.14	3.62	2.55	1.03	32.64	3.65	3.08	1.04	33.14	3.83	3.63	1.10	36.18
	4	15	1.27	1.27	0.27	2.42	1.79	1.79	0.38	5.87	2.36	2.36	0.51	9.59	2.90	2.90	0.62	13.63	3.43	3.43	0.74	18.35
		17	1.27	1.26	0.27	2.41	1.80	1.80	0.38	5.89	2.36	2.36	0.51	9.61	2.91	2.91	0.62	13.66	3.44	3.44	0.74	18.39
		19	-	-	-	-	2.07	1.74	0.44	7.69	2.46	2.34	0.53	10.31	2.91	2.91	0.62	13.72	3.44	3.44	0.74	18.44
		20	-	-	-	-	2.86	1.75	0.61	13.24	2.93	2.30	0.63	13.79	3.18	2.87	0.69	16.08	3.52	3.43	0.76	19.13
	5	15	1.04	1.04	0.18	1.15	1.58	1.58	0.27	2.38	2.10	2.10	0.36	5.08	2.66	2.66	0.46	8.04	3.21	3.21	0.55	11.03
		17	1.04	1.04	0.18	1.15	1.58	1.58	0.27	2.39	2.10	2.10	0.36	5.09	2.67	2.67	0.46	8.06	3.21	3.21	0.55	11.06
		19	-	-	-	-	1.66	1.52	0.28	2.75	2.12	2.10	0.36	5.19	2.67	2.67	0.46	8.07	3.22	3.22	0.55	11.09
		20	-	-	-	-	1.97	1.43	0.34	4.36	2.34	2.04	0.40	6.42	2.78	2.64	0.48	8.62	3.23	3.22	0.55	11.18
	6	15	0.78	0.78	0.11	0.70	1.37	1.37	0.20	1.25	1.89	1.89	0.27	2.40	2.41	2.41	0.34	4.57	2.96	2.96	0.42	7.06
		17	0.78	0.78	0.11	0.70	1.37	1.37	0.20	1.25	1.89	1.89	0.27	2.41	2.41	2.41	0.34	4.59	2.97	2.97	0.42	7.07
		19	-	-	-	-	1.39	1.35	0.20	1.27	1.89	1.89	0.27	2.42	2.41	2.41	0.35	4.60	2.97	2.97	0.43	7.09
		20	-	-	-	-	1.56	1.26	0.22	1.51	1.98	1.84	0.28	2.72	2.43	2.40	0.35	4.71	2.97	2.97	0.43	7.09
15	3	15	0.95	0.95	0.27	2.44	1.50	1.50	0.43	7.17	2.06	2.06	0.59	12.23	2.60	2.60	0.75	18.42	3.12	3.12	0.89	24.91
		17	0.95	0.95	0.27	2.45	1.51	1.51	0.43	7.18	2.06	2.06	0.59	12.26	2.60	2.60	0.75	18.47	3.12	3.12	0.89	24.97
		19	-	-	-	-	1.54	1.50	0.44	7.50	2.06	2.05	0.59	12.25	2.60	2.60	0.75	18.52	3.13	3.13	0.89	25.04
		20	-	-	-	-	1.99	1.45	0.57	11.55	2.25	2.03	0.64	14.23	2.63	2.60	0.76	18.84	3.13	3.13	0.89	25.07
	4	15	0.72	0.72	0.16	0.96	1.27	1.27	0.27	2.47	1.81	1.81	0.39	5.99	2.38	2.38	0.51	9.63	2.91	2.91	0.63	13.64
		17	0.72	0.72	0.16	0.96	1.27	1.27	0.27	2.48	1.81	1.81	0.39	6.01	2.38	2.38	0.51	9.66	2.92	2.92	0.63	13.67
		19	-	-	-	-	1.27	1.26	0.27	2.48	1.81	1.81	0.39	6.02	2.38	2.38	0.51	9.68	2.92	2.92	0.63	13.71
		20	-	-	-	-	1.39	1.20	0.30	3.18	1.86	1.80	0.40	6.28	2.38	2.38	0.51	9.68	2.92	2.92	0.63	13.73
	5	15	0.44	0.44	0.08	0.46	1.06	1.06	0.18	1.11	1.58	1.58	0.27	2.54	2.12	2.12	0.37	5.32	2.68	2.68	0.46	8.08
		17	0.44	0.44	0.08	0.46	1.06	1.06	0.18	1.12	1.59	1.59	0.27	2.55	2.12	2.12	0.37	5.33	2.69	2.69	0.46	8.10
		19	-	-	-	-	1.06	1.06	0.18	1.12	1.59	1.59	0.27	2.55	2.13	2.13	0.37	5.35	2.69	2.69	0.46	8.12
		20	-	-	-	-	1.09	1.03	0.19	1.15	1.59	1.59	0.27	2.57	2.13	2.13	0.37	5.36	2.69	2.69	0.46	8.13
	6	15	-	-	-	-	0.79	0.79	0.11	0.68	1.38	1.38	0.20	1.22	1.90	1.90	0.27	2.55	2.43	2.43	0.35	4.80
		17	-	-	-	-	0.79	0.79	0.11	0.68	1.38	1.38	0.20	1.22	1.90	1.90	0.27	2.56	2.43	2.43	0.35	4.81
		19	-	-	-	-	0.80	0.80	0.11	0.69	1.38	1.38	0.20	1.23	1.90	1.90	0.27	2.56	2.43	2.43	0.35	4.83
		20	-	-	-	-	0.80	0.79	0.11	0.69	1.38	1.38	0.20	1.23	1.90	1.90	0.27	2.57	2.43	2.43	0.35	4.84

Abbreviations:

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

Heating Capacity Table

MDKT3-06U													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	5.58	0.60	11.31	4.96	0.54	9.26	4.34	0.47	7.33	3.72	0.40	5.63
	10	5.14	0.44	6.73	4.51	0.39	5.38	3.86	0.33	4.14	3.20	0.28	3.01
	12	4.65	0.34	4.20	3.98	0.29	3.23	3.30	0.24	2.21	2.67	0.19	1.26
	14	4.07	0.25	2.46	3.42	0.21	1.59	2.80	0.17	0.94	2.12	0.13	0.59
	16	3.56	0.19	1.22	2.92	0.16	0.78	2.20	0.12	0.56	1.39	0.07	0.36
45	8	7.09	0.76	16.66	6.49	0.70	14.33	5.87	0.63	12.01	5.26	0.57	9.95
	10	6.71	0.58	10.34	6.09	0.53	8.75	5.47	0.47	7.28	4.85	0.42	5.92
	12	6.29	0.45	6.83	5.66	0.41	5.70	5.02	0.36	4.65	4.37	0.31	3.68
	14	5.81	0.36	4.61	5.16	0.32	3.76	4.48	0.28	2.97	3.79	0.23	2.16
	16	5.28	0.28	3.15	4.58	0.25	2.42	3.91	0.21	1.68	3.28	0.18	1.05
50	8	8.61	0.93	22.89	7.99	0.86	20.02	7.38	0.80	17.43	6.77	0.73	15.02
	10	8.25	0.71	14.48	7.63	0.66	12.65	7.01	0.61	10.94	6.40	0.55	9.34
	12	7.86	0.56	9.73	7.23	0.52	8.44	6.61	0.48	7.23	5.98	0.43	6.10
	14	7.44	0.46	6.84	6.81	0.42	5.87	6.17	0.38	4.96	5.53	0.34	4.12
	16	6.99	0.38	4.91	6.33	0.34	4.16	5.68	0.31	3.47	5.01	0.27	2.80
55	8	10.10	1.09	29.59	9.49	1.02	26.50	8.87	0.96	23.57	8.27	0.89	20.93
	10	9.76	0.84	18.95	9.14	0.79	16.90	8.53	0.74	14.97	7.91	0.68	13.17
	12	9.40	0.68	12.98	8.78	0.63	11.52	8.16	0.59	10.15	7.54	0.54	8.86
	14	9.02	0.56	9.32	8.39	0.52	8.23	7.76	0.48	7.20	7.14	0.44	6.23
	16	8.61	0.46	6.87	7.97	0.43	6.02	7.33	0.40	5.21	6.69	0.36	4.45
60	8	11.60	1.25	37.14	10.98	1.19	33.79	10.36	1.12	30.44	9.75	1.05	27.28
	10	11.28	0.97	24.01	10.65	0.92	21.73	10.03	0.87	19.57	9.42	0.81	17.53
	12	10.93	0.79	16.60	10.31	0.74	14.98	9.69	0.70	13.44	9.07	0.65	11.99
	14	10.57	0.65	11.98	9.94	0.61	10.77	9.31	0.57	9.62	8.69	0.54	8.54
	16	10.19	0.55	8.98	9.56	0.52	8.04	8.93	0.48	7.15	8.30	0.45	6.30

Abbreviations:

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

Cooling Capacity Table

MDKT3-07S																							
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	4.22	1.59	38.07	5.54	4.82	1.59	37.78	5.67	5.44	1.62	39.29	6.05	6.05	1.73	44.01	6.63	6.63	1.90	51.64	
		17	7.39	4.26	2.13	63.00	7.34	4.86	2.12	62.33	7.28	5.44	2.09	60.70	7.24	6.03	2.07	60.05	7.23	6.61	2.07	59.91	
		19	-	-	-	-	9.26	4.88	2.68	93.71	9.21	5.47	2.66	92.73	9.15	6.06	2.65	91.80	9.10	6.64	2.63	90.84	
		20	-	-	-	-	10.28	4.89	2.98	112.64	10.22	5.49	2.96	111.49	10.15	6.07	2.93	109.65	10.10	6.65	2.93	109.22	
	4	15	4.92	3.92	1.06	18.92	5.03	4.55	1.08	19.61	5.31	5.20	1.14	21.53	5.81	5.81	1.25	24.90	6.40	6.40	1.37	29.40	
		17	6.78	3.97	1.45	32.41	6.73	4.57	1.44	32.07	6.69	5.17	1.44	31.72	6.67	5.76	1.43	31.58	6.79	6.37	1.46	32.52	
		19	-	-	-	-	8.69	4.61	1.87	49.86	8.64	5.21	1.85	49.35	8.59	5.80	1.84	48.84	8.54	6.38	1.83	48.34	
		20	-	-	-	-	9.73	4.63	2.10	61.22	9.66	5.23	2.08	60.24	9.61	5.82	2.08	59.92	9.56	6.40	2.06	59.36	
	5	15	4.23	3.59	0.73	9.87	4.53	4.26	0.78	11.10	4.96	4.93	0.85	12.96	5.55	5.55	0.96	15.82	6.15	6.15	1.06	18.84	
		17	6.11	3.67	1.05	18.56	6.07	4.27	1.05	18.35	6.04	4.87	1.04	18.24	6.15	5.49	1.06	18.80	6.39	6.12	1.10	20.08	
		19	-	-	-	-	8.08	4.33	1.39	29.99	8.03	4.93	1.38	29.69	7.98	5.52	1.38	29.38	7.93	6.10	1.37	29.07	
		20	-	-	-	-	9.12	4.36	1.57	36.99	9.07	4.96	1.56	36.62	9.02	5.55	1.55	36.25	8.96	6.13	1.55	35.88	
	6	15	3.72	3.31	0.53	4.80	4.11	3.98	0.59	6.24	4.64	4.64	0.66	8.27	5.27	5.27	0.75	10.53	5.88	5.88	0.84	12.74	
		17	5.28	3.30	0.76	10.55	5.25	3.91	0.75	10.45	5.38	4.55	0.77	10.89	5.65	5.21	0.81	11.86	6.01	5.86	0.86	13.19	
		19	-	-	-	-	7.36	4.02	1.05	18.50	7.32	4.61	1.05	18.31	7.27	5.20	1.04	18.11	7.25	5.80	1.04	18.03	
		20	-	-	-	-	8.44	4.05	1.21	23.38	8.39	4.65	1.20	23.14	8.33	5.24	1.19	22.89	8.29	5.83	1.19	22.66	
7	3	15	4.22	3.60	1.21	23.38	4.41	4.24	1.27	25.23	4.86	4.86	1.41	30.24	5.46	5.46	1.58	36.93	6.04	6.04	1.74	43.47	
		17	6.03	3.63	1.73	43.30	5.99	4.23	1.72	42.81	5.95	4.82	1.71	42.30	5.97	5.42	1.72	42.60	6.16	6.04	1.77	44.98	
		19	-	-	-	-	7.94	4.27	2.30	70.89	7.89	4.86	2.29	70.13	7.84	5.45	2.26	68.86	7.79	6.03	2.25	68.12	
		20	-	-	-	-	8.96	4.28	2.60	87.67	8.91	4.88	2.59	86.74	8.85	5.47	2.57	85.82	8.80	6.05	2.55	84.91	
	4	15	3.66	3.31	0.79	11.24	4.05	3.99	0.88	13.41	4.61	4.61	0.99	16.57	5.21	5.21	1.12	20.46	5.81	5.81	1.25	24.61	
		17	5.36	3.34	1.15	21.43	5.33	3.94	1.15	21.17	5.35	4.55	1.15	21.33	5.52	5.18	1.19	22.55	5.86	5.81	1.26	24.96	
		19	-	-	-	-	7.32	3.99	1.57	36.58	7.27	4.59	1.56	36.19	7.22	5.18	1.55	35.80	7.18	5.76	1.55	35.54	
		20	-	-	-	-	8.36	4.02	1.81	46.58	8.31	4.61	1.80	46.09	8.26	5.21	1.79	45.62	8.21	5.79	1.78	45.12	
	5	15	3.18	3.02	0.55	5.31	3.70	3.69	0.64	7.60	4.33	4.33	0.75	10.17	4.95	4.95	0.85	12.76	5.56	5.56	0.96	15.59	
		17	4.55	2.99	0.78	11.04	4.58	3.61	0.79	11.13	4.78	4.27	0.82	12.00	5.11	4.93	0.88	13.46	5.57	5.57	0.96	15.66	
		19	-	-	-	-	6.62	3.69	1.14	20.91	6.58	4.29	1.13	20.68	6.54	4.89	1.12	20.43	6.56	5.49	1.13	20.58	
		20	-	-	-	-	7.71	3.73	1.33	27.31	7.66	4.33	1.32	27.02	7.61	4.93	1.32	26.73	7.55	5.51	1.30	26.23	
	6	15	2.91	2.83	0.42	2.60	3.44	3.44	0.49	4.08	4.04	4.04	0.58	6.14	4.66	4.66	0.67	8.38	5.29	5.29	0.76	10.42	
		17	3.67	2.63	0.53	4.85	3.90	3.29	0.56	5.65	4.26	3.97	0.61	6.97	4.73	4.65	0.68	8.58	5.30	5.29	0.76	10.45	
		19	-	-	-	-	5.81	3.36	0.83	12.19	5.76	3.96	0.83	12.03	5.80	4.57	0.83	12.16	5.98	5.21	0.86	12.80	
		20	-	-	-	-	6.94	3.41	0.99	16.51	6.89	4.01	0.99	16.32	6.84	4.61	0.98	16.13	6.82	5.20	0.98	16.01	

(Continued)

MDKT3-07S																						
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	3.01	0.89	13.53	3.65	3.65	1.05	17.96	4.26	4.26	1.22	23.41	4.86	4.86	1.41	29.80	5.45	5.45	1.57	35.82
		17	4.58	3.00	1.33	26.89	4.54	3.60	1.30	26.08	4.64	4.23	1.34	27.49	4.92	4.86	1.42	30.42	5.46	5.46	1.57	35.92
		19	-	-	-	-	6.52	3.64	1.89	49.46	6.47	4.24	1.88	48.90	6.43	4.84	1.86	48.35	6.40	5.42	1.85	47.89
		20	-	-	-	-	7.53	3.65	2.17	62.94	7.49	4.26	2.17	62.76	7.45	4.85	2.16	62.53	7.40	5.44	2.15	61.84
	4	15	2.73	2.73	0.59	6.45	3.37	3.37	0.73	9.60	4.00	4.00	0.86	12.83	4.61	4.61	0.99	16.38	5.22	5.22	1.13	20.26
		17	3.77	2.67	0.81	11.55	3.89	3.31	0.84	12.20	4.19	3.98	0.91	13.95	4.63	4.62	1.00	16.46	5.22	5.22	1.13	20.32
		19	-	-	-	-	5.83	3.36	1.26	24.60	5.79	3.96	1.25	24.31	5.76	4.56	1.25	24.08	5.85	5.17	1.27	24.73
		20	-	-	-	-	6.87	3.38	1.48	32.38	6.83	3.98	1.47	32.02	6.78	4.58	1.46	31.66	6.74	5.17	1.45	31.29
	5	15	2.48	2.48	0.43	2.83	3.08	3.08	0.53	5.06	3.72	3.72	0.64	7.69	4.35	4.35	0.75	10.07	4.96	4.96	0.85	12.61
		17	2.96	2.33	0.51	4.57	3.31	3.01	0.57	6.04	3.78	3.70	0.65	7.92	4.35	4.35	0.75	10.09	4.97	4.97	0.86	12.64
		19	-	-	-	-	5.01	3.03	0.86	12.77	4.98	3.64	0.86	12.63	5.10	4.27	0.88	13.17	5.35	4.92	0.92	14.38
		20	-	-	-	-	6.12	3.08	1.05	17.98	6.08	3.68	1.05	17.77	6.03	4.28	1.04	17.55	6.06	4.88	1.04	17.68
	6	15	2.26	2.26	0.32	1.55	2.86	2.86	0.41	2.56	3.44	3.44	0.49	4.23	4.06	4.06	0.58	6.34	4.69	4.69	0.67	8.37
		17	2.54	2.12	0.36	1.90	2.96	2.80	0.42	2.82	3.46	3.44	0.50	4.27	4.06	4.06	0.58	6.36	4.70	4.70	0.67	8.39
		19	-	-	-	-	3.98	2.64	0.57	6.08	4.16	3.30	0.60	6.70	4.49	3.98	0.64	7.75	4.90	4.66	0.70	9.00
		20	-	-	-	-	5.22	2.73	0.75	10.00	5.17	3.33	0.74	9.85	5.22	3.95	0.75	10.01	5.42	4.60	0.78	10.68
11	3	15	2.40	2.40	0.68	8.55	3.03	3.03	0.87	12.76	3.65	3.65	1.04	17.52	4.26	4.26	1.22	22.81	4.85	4.85	1.39	28.58
		17	2.96	2.34	0.84	12.22	3.22	3.01	0.92	14.27	3.66	3.66	1.04	17.57	4.26	4.26	1.22	22.88	4.86	4.86	1.39	28.65
		19	-	-	-	-	4.95	3.01	1.41	29.52	4.91	3.61	1.40	29.13	4.93	4.22	1.41	29.32	5.11	4.84	1.46	31.19
		20	-	-	-	-	6.01	3.03	1.73	41.87	5.97	3.64	1.72	41.37	5.93	4.23	1.71	40.89	5.89	4.83	1.70	40.44
	4	15	2.12	2.12	0.45	3.43	2.74	2.74	0.59	6.52	3.39	3.39	0.73	9.43	4.01	4.01	0.86	12.57	4.62	4.62	0.99	15.99
		17	2.31	2.04	0.49	4.34	2.79	2.73	0.60	6.73	3.39	3.39	0.73	9.45	4.02	4.02	0.86	12.60	4.63	4.63	0.99	16.03
		19	-	-	-	-	4.13	2.69	0.88	13.18	4.17	3.32	0.89	13.41	4.39	3.96	0.94	14.66	4.74	4.61	1.01	16.69
		20	-	-	-	-	5.24	2.74	1.12	19.82	5.20	3.34	1.12	19.58	5.18	3.94	1.11	19.40	5.28	4.56	1.13	20.11
	5	15	1.90	1.90	0.33	1.54	2.49	2.49	0.43	2.99	3.10	3.10	0.53	5.28	3.74	3.74	0.64	7.69	4.37	4.37	0.75	9.99
		17	1.98	1.85	0.34	1.67	2.50	2.49	0.43	3.01	3.11	3.11	0.53	5.30	3.75	3.75	0.65	7.71	4.38	4.38	0.75	10.02
		19	-	-	-	-	3.18	2.33	0.55	5.62	3.51	3.02	0.60	6.85	3.93	3.71	0.68	8.33	4.41	4.37	0.76	10.15
		20	-	-	-	-	4.34	2.40	0.75	9.85	4.31	3.01	0.74	9.75	4.48	3.66	0.77	10.40	4.76	4.31	0.82	11.56
	6	15	1.62	1.62	0.23	1.04	2.28	2.28	0.33	1.53	2.87	2.87	0.41	2.68	3.46	3.46	0.50	4.43	4.08	4.08	0.58	6.40
		17	1.64	1.61	0.24	1.05	2.28	2.27	0.33	1.53	2.87	2.87	0.41	2.69	3.46	3.46	0.50	4.45	4.09	4.09	0.58	6.42
		19	-	-	-	-	2.64	2.10	0.38	2.17	3.04	2.78	0.44	3.16	3.52	3.44	0.51	4.65	4.09	4.09	0.59	6.44
		20	-	-	-	-	3.24	2.01	0.46	3.76	3.46	2.67	0.50	4.46	3.82	3.36	0.55	5.59	4.27	4.04	0.61	6.98

(Continued)

MDKT3-07S																						
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	1.76	1.76	0.50	4.67	2.41	2.41	0.69	8.61	3.04	3.04	0.87	12.59	3.66	3.66	1.05	17.51	4.26	4.26	1.22	22.74
		17	1.77	1.76	0.51	4.77	2.42	2.42	0.69	8.63	3.04	3.04	0.87	12.62	3.66	3.66	1.05	17.55	4.26	4.26	1.23	22.81
		19	-	-	-	-	3.20	2.35	0.91	13.72	3.39	3.00	0.97	15.39	3.73	3.66	1.07	18.14	4.27	4.27	1.23	22.86
		20	-	-	-	-	4.31	2.39	1.24	23.21	4.27	2.99	1.23	22.86	4.31	3.61	1.24	23.24	4.52	4.24	1.30	25.19
	4	15	1.53	1.53	0.33	1.55	2.13	2.13	0.46	3.66	2.76	2.76	0.59	6.55	3.40	3.40	0.73	9.33	4.02	4.02	0.86	12.40
		17	1.53	1.52	0.33	1.55	2.13	2.13	0.46	3.67	2.76	2.76	0.59	6.57	3.40	3.40	0.73	9.36	4.02	4.02	0.86	12.43
		19	-	-	-	-	2.42	2.03	0.52	5.04	2.89	2.74	0.62	7.08	3.41	3.41	0.73	9.41	4.03	4.03	0.86	12.47
		20	-	-	-	-	3.34	2.04	0.71	9.02	3.44	2.68	0.74	9.52	3.73	3.35	0.80	10.95	4.13	4.01	0.88	12.98
	5	15	1.25	1.25	0.21	0.91	1.90	1.90	0.33	1.52	2.49	2.49	0.43	3.07	3.11	3.11	0.53	5.36	3.75	3.75	0.64	7.55
		17	1.25	1.25	0.21	0.92	1.91	1.91	0.33	1.53	2.50	2.50	0.43	3.08	3.12	3.12	0.53	5.38	3.76	3.76	0.64	7.57
		19	-	-	-	-	2.03	1.83	0.35	1.77	2.52	2.48	0.43	3.17	3.12	3.12	0.54	5.39	3.76	3.76	0.65	7.59
		20	-	-	-	-	2.40	1.71	0.41	2.78	2.77	2.39	0.47	4.06	3.24	3.08	0.56	5.84	3.79	3.76	0.65	7.66
	6	15	0.94	0.94	0.13	0.56	1.64	1.64	0.23	0.99	2.28	2.28	0.33	1.53	2.86	2.86	0.41	2.76	3.47	3.47	0.50	4.55
		17	0.94	0.94	0.13	0.56	1.64	1.64	0.23	0.99	2.28	2.28	0.33	1.53	2.87	2.87	0.41	2.77	3.47	3.47	0.50	4.56
		19	-	-	-	-	1.67	1.61	0.24	1.01	2.29	2.28	0.33	1.54	2.87	2.87	0.41	2.78	3.48	3.48	0.50	4.58
		20	-	-	-	-	1.89	1.50	0.27	1.13	2.41	2.20	0.35	1.75	2.91	2.85	0.42	2.88	3.48	3.47	0.50	4.58
15	3	15	1.15	1.15	0.33	1.54	1.76	1.76	0.50	4.71	2.41	2.41	0.69	8.38	3.04	3.04	0.87	12.42	3.65	3.65	1.05	17.23
		17	1.15	1.15	0.33	1.54	1.76	1.76	0.50	4.72	2.42	2.42	0.69	8.40	3.04	3.04	0.87	12.45	3.66	3.66	1.05	17.28
		19	-	-	-	-	1.81	1.75	0.52	5.00	2.41	2.41	0.69	8.39	3.05	3.05	0.87	12.49	3.67	3.67	1.05	17.33
		20	-	-	-	-	2.34	1.70	0.67	7.95	2.65	2.38	0.76	9.83	3.09	3.04	0.88	12.75	3.67	3.67	1.05	17.35
	4	15	0.87	0.87	0.19	0.77	1.53	1.53	0.33	1.55	2.13	2.13	0.46	3.74	2.77	2.77	0.59	6.52	3.41	3.41	0.73	9.30
		17	0.87	0.87	0.19	0.77	1.53	1.53	0.33	1.55	2.13	2.13	0.46	3.75	2.78	2.78	0.60	6.53	3.41	3.41	0.74	9.34
		19	-	-	-	-	1.54	1.53	0.33	1.56	2.13	2.13	0.46	3.77	2.78	2.78	0.60	6.55	3.42	3.42	0.74	9.38
		20	-	-	-	-	1.70	1.43	0.36	2.04	2.18	2.11	0.47	3.99	2.78	2.78	0.60	6.55	3.42	3.42	0.74	9.40
	5	15	0.54	0.54	0.09	0.37	1.27	1.27	0.22	0.89	1.91	1.91	0.33	1.58	2.50	2.50	0.43	3.26	3.13	3.13	0.54	5.49
		17	0.54	0.54	0.09	0.37	1.27	1.27	0.22	0.89	1.92	1.92	0.33	1.59	2.51	2.51	0.43	3.27	3.14	3.14	0.54	5.51
		19	-	-	-	-	1.27	1.27	0.22	0.89	1.92	1.92	0.33	1.59	2.51	2.51	0.43	3.28	3.14	3.14	0.54	5.53
		20	-	-	-	-	1.32	1.23	0.23	0.92	1.93	1.91	0.33	1.61	2.51	2.51	0.43	3.29	3.15	3.15	0.54	5.54
	6	15	-	-	-	-	0.96	0.96	0.14	0.55	1.65	1.65	0.24	0.95	2.29	2.29	0.33	1.58	2.87	2.87	0.41	2.92
		17	-	-	-	-	0.96	0.96	0.14	0.55	1.66	1.66	0.24	0.95	2.29	2.29	0.33	1.59	2.88	2.88	0.41	2.93
		19	-	-	-	-	0.96	0.96	0.14	0.55	1.66	1.66	0.24	0.95	2.29	2.29	0.33	1.59	2.88	2.88	0.41	2.94
		20	-	-	-	-	0.96	0.96	0.14	0.55	1.66	1.65	0.24	0.95	2.30	2.30	0.33	1.59	2.88	2.88	0.41	2.94

Abbreviations:

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

Heating Capacity Table

MDKT3-07S													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
$^{\circ}\text{C}$	$^{\circ}\text{C}$	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa
40	8	6.58	0.71	7.78	5.85	0.63	6.38	5.13	0.55	5.09	4.40	0.47	3.92
	10	6.09	0.53	4.68	5.34	0.46	3.75	4.58	0.39	2.89	3.80	0.33	2.00
	12	5.51	0.40	2.93	4.72	0.34	2.16	3.98	0.29	1.40	3.27	0.24	0.82
	14	4.89	0.30	1.57	4.17	0.26	1.02	3.42	0.21	0.66	2.59	0.16	0.48
	16	4.36	0.24	0.82	3.57	0.19	0.59	2.70	0.15	0.45	1.71	0.09	0.29
45	8	8.35	0.90	11.45	7.64	0.82	9.80	6.92	0.75	8.28	6.21	0.67	6.87
	10	7.92	0.68	7.15	7.19	0.62	6.07	6.47	0.56	5.06	5.74	0.49	4.12
	12	7.45	0.54	4.75	6.70	0.48	3.97	5.95	0.43	3.24	5.18	0.37	2.57
	14	6.89	0.42	3.22	6.11	0.38	2.63	5.32	0.33	2.02	4.55	0.28	1.39
	16	6.27	0.34	2.14	5.49	0.30	1.58	4.75	0.26	1.07	4.01	0.22	0.70
50	8	10.11	1.09	15.57	9.39	1.01	13.69	8.67	0.94	11.94	7.96	0.86	10.30
	10	9.72	0.84	9.96	8.99	0.78	8.71	8.27	0.72	7.55	7.55	0.65	6.46
	12	9.28	0.67	6.74	8.55	0.61	5.85	7.82	0.56	5.02	7.08	0.51	4.24
	14	8.81	0.54	4.76	8.07	0.50	4.09	7.31	0.45	3.46	6.55	0.40	2.88
	16	8.29	0.45	3.45	7.52	0.41	2.92	6.74	0.36	2.43	5.94	0.32	1.93
55	8	11.85	1.28	20.24	11.13	1.20	18.13	10.41	1.13	16.14	9.70	1.05	14.27
	10	11.48	0.99	13.02	10.76	0.93	11.63	10.04	0.87	10.31	9.32	0.81	9.07
	12	11.09	0.80	8.94	10.35	0.74	7.94	9.63	0.69	7.01	8.90	0.64	6.12
	14	10.66	0.66	6.45	9.92	0.61	5.71	9.19	0.57	5.00	8.45	0.52	4.33
	16	10.19	0.55	4.77	9.44	0.51	4.18	8.69	0.47	3.63	7.94	0.43	3.11
60	8	13.59	1.46	25.12	12.86	1.39	22.80	12.14	1.31	20.61	11.42	1.23	18.53
	10	13.24	1.14	16.37	12.51	1.08	14.82	11.78	1.02	13.31	11.06	0.95	11.93
	12	12.87	0.93	11.37	12.13	0.87	10.27	11.41	0.82	9.23	10.68	0.77	8.24
	14	12.47	0.77	8.25	11.73	0.72	7.43	11.00	0.68	6.64	10.27	0.63	5.90
	16	12.05	0.65	6.22	11.30	0.61	5.57	10.56	0.57	4.96	9.82	0.53	4.38

Abbreviations:

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

Cooling Capacity Table

MDKT3-07H/07U																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
		°C	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	5.68	4.31	1.62	39.42	5.65	4.93	1.62	39.09	5.79	5.56	1.66	40.96	6.19	6.18	1.78	46.33	6.78	6.78	1.94	53.66
		17	7.54	4.35	2.18	65.26	7.49	4.96	2.16	64.56	7.45	5.57	2.15	63.89	7.40	6.17	2.14	63.21	7.39	6.76	2.13	63.04
		19	-	-	-	-	9.45	4.98	2.71	95.80	9.39	5.59	2.70	94.83	9.33	6.19	2.68	93.81	9.29	6.78	2.68	93.72
		20	-	-	-	-	10.50	5.00	3.04	117.03	10.44	5.60	3.03	115.82	10.38	6.21	3.01	114.61	10.32	6.80	2.99	113.37
	4	15	5.01	4.00	1.08	19.51	5.12	4.65	1.10	20.24	5.41	5.31	1.17	22.28	5.93	5.93	1.27	25.82	6.54	6.54	1.40	30.51
		17	6.91	4.05	1.48	33.50	6.86	4.67	1.47	33.14	6.82	5.27	1.46	32.79	6.80	5.88	1.46	32.65	6.92	6.51	1.49	33.66
		19	-	-	-	-	8.86	4.71	1.90	51.66	8.81	5.32	1.89	51.07	8.76	5.92	1.88	50.55	8.71	6.51	1.87	50.04
		20	-	-	-	-	9.93	4.73	2.14	63.41	9.87	5.34	2.13	62.76	9.81	5.94	2.12	62.14	9.75	6.54	2.11	61.52
	5	15	4.31	3.66	0.74	10.17	4.61	4.35	0.79	11.45	5.06	5.03	0.87	13.40	5.67	5.67	0.98	16.39	6.28	6.28	1.08	19.53
		17	6.22	3.74	1.07	19.13	6.18	4.35	1.06	18.92	6.15	4.97	1.06	18.81	6.27	5.60	1.08	19.41	6.51	6.25	1.12	20.76
		19	-	-	-	-	8.23	4.42	1.42	30.97	8.18	5.03	1.41	30.66	8.13	5.63	1.40	30.35	8.08	6.23	1.39	30.04
		20	-	-	-	-	9.30	4.44	1.60	38.24	9.25	5.06	1.59	37.86	9.19	5.66	1.58	37.48	9.14	6.26	1.58	37.10
	6	15	3.77	3.37	0.54	4.98	4.18	4.06	0.60	6.50	4.73	4.73	0.68	8.62	5.37	5.37	0.77	10.90	6.00	6.00	0.86	13.19
		17	5.37	3.37	0.77	10.85	5.34	3.99	0.76	10.75	5.47	4.64	0.78	11.22	5.75	5.32	0.83	12.24	6.12	5.99	0.88	13.63
		19	-	-	-	-	7.49	4.09	1.07	19.07	7.45	4.70	1.07	18.87	7.40	5.31	1.06	18.67	7.38	5.92	1.06	18.59
		20	-	-	-	-	8.59	4.13	1.23	24.12	8.54	4.74	1.22	23.87	8.49	5.35	1.21	23.63	8.44	5.95	1.21	23.39
7	3	15	4.30	3.67	1.23	24.13	4.50	4.33	1.29	26.09	4.97	4.97	1.44	31.37	5.58	5.58	1.61	38.33	6.18	6.18	1.77	45.15
		17	6.15	3.70	1.77	44.78	6.11	4.32	1.76	44.29	6.07	4.93	1.74	43.77	6.09	5.54	1.75	44.10	6.29	6.17	1.81	46.66
		19	-	-	-	-	8.10	4.35	2.34	72.95	8.06	4.97	2.34	72.69	8.01	5.57	2.32	71.92	7.96	6.17	2.31	71.15
		20	-	-	-	-	9.14	4.36	2.63	89.58	9.08	4.98	2.62	88.62	9.03	5.58	2.60	87.66	8.98	6.18	2.60	87.67
	4	15	3.73	3.38	0.81	11.67	4.13	4.07	0.89	13.86	4.71	4.71	1.01	17.16	5.32	5.32	1.15	21.20	5.93	5.93	1.28	25.53
		17	5.46	3.40	1.17	22.11	5.42	4.02	1.17	21.84	5.45	4.64	1.17	22.01	5.63	5.29	1.21	23.32	5.98	5.94	1.29	25.86
		19	-	-	-	-	7.46	4.07	1.61	37.81	7.41	4.68	1.60	37.41	7.37	5.29	1.59	37.01	7.32	5.89	1.58	36.60
		20	-	-	-	-	8.53	4.09	1.85	48.19	8.48	4.71	1.84	47.69	8.43	5.32	1.82	47.19	8.38	5.92	1.81	46.70
	5	15	3.23	3.08	0.56	5.53	3.77	3.77	0.65	7.90	4.42	4.42	0.76	10.52	5.06	5.06	0.87	13.21	5.68	5.68	0.98	16.16
		17	4.63	3.05	0.80	11.35	4.65	3.68	0.80	11.45	4.87	4.35	0.84	12.37	5.21	5.03	0.90	13.90	5.69	5.69	0.98	16.22
		19	-	-	-	-	6.74	3.77	1.16	21.56	6.70	4.38	1.15	21.32	6.65	4.99	1.14	21.07	6.68	5.60	1.15	21.23
		20	-	-	-	-	7.85	3.80	1.36	28.19	7.80	4.42	1.35	27.90	7.75	5.03	1.34	27.60	7.71	5.63	1.33	27.31
	6	15	2.95	2.87	0.42	2.69	3.50	3.49	0.50	4.27	4.11	4.11	0.59	6.42	4.76	4.76	0.68	8.69	5.40	5.40	0.77	10.79
		17	3.71	2.67	0.53	5.00	3.95	3.35	0.57	5.85	4.33	4.05	0.62	7.23	4.82	4.75	0.69	8.88	5.40	5.40	0.77	10.81
		19	-	-	-	-	5.91	3.42	0.85	12.54	5.86	4.03	0.84	12.38	5.90	4.66	0.85	12.52	6.10	5.32	0.88	13.32
		20	-	-	-	-	7.06	3.48	1.01	17.01	7.01	4.09	1.01	16.82	6.97	4.70	1.00	16.63	6.94	5.31	1.00	16.52

(Continued)

MDKT3-07H/07U																						
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	3.15	3.07	0.90	13.97	3.72	3.72	1.07	18.61	4.35	4.35	1.25	24.28	4.97	4.97	1.44	30.92	5.57	5.57	1.60	37.19
		17	4.67	3.06	1.35	27.76	4.63	3.68	1.34	27.40	4.73	4.32	1.37	28.41	5.02	4.97	1.45	31.53	5.58	5.58	1.60	37.30
		19	-	-	-	-	6.64	3.72	1.93	51.15	6.60	4.33	1.91	50.62	6.56	4.94	1.90	50.04	6.52	5.54	1.89	49.56
		20	-	-	-	-	7.68	3.73	2.21	65.17	7.64	4.34	2.20	64.49	7.60	4.96	2.20	64.43	7.55	5.56	2.19	64.04
	4	15	2.78	2.78	0.60	6.72	3.44	3.44	0.74	9.93	4.09	4.09	0.88	13.43	4.71	4.71	1.02	16.99	5.33	5.33	1.15	21.01
		17	3.83	2.72	0.82	11.87	3.96	3.38	0.85	12.56	4.26	4.06	0.92	14.28	4.72	4.72	1.02	17.06	5.34	5.34	1.15	21.07
		19	-	-	-	-	5.94	3.43	1.29	25.38	5.90	4.04	1.28	25.09	5.87	4.66	1.27	24.86	5.96	5.28	1.29	25.55
		20	-	-	-	-	7.00	3.45	1.51	33.45	6.96	4.07	1.50	33.07	6.91	4.67	1.49	32.71	6.87	5.28	1.48	32.33
	5	15	2.52	2.52	0.43	2.96	3.14	3.14	0.54	5.30	3.79	3.79	0.65	7.97	4.44	4.44	0.76	10.42	5.07	5.07	0.87	13.06
		17	2.99	2.37	0.52	4.72	3.36	3.07	0.58	6.26	3.85	3.78	0.66	8.19	4.44	4.44	0.76	10.44	5.08	5.08	0.87	13.09
		19	-	-	-	-	5.09	3.09	0.88	13.12	5.06	3.71	0.87	12.99	5.19	4.36	0.89	13.56	5.45	5.02	0.94	14.82
		20	-	-	-	-	6.23	3.14	1.07	18.52	6.18	3.76	1.06	18.31	6.14	4.37	1.06	18.08	6.17	4.99	1.06	18.22
	6	15	2.29	2.29	0.33	1.58	2.90	2.90	0.42	2.66	3.50	3.50	0.50	4.43	4.14	4.14	0.59	6.61	4.78	4.78	0.69	8.66
		17	2.56	2.16	0.37	1.95	3.00	2.85	0.43	2.92	3.51	3.50	0.50	4.47	4.14	4.14	0.59	6.63	4.79	4.79	0.69	8.68
		19	-	-	-	-	4.03	2.68	0.58	6.27	4.22	3.36	0.61	6.91	4.57	4.06	0.66	7.99	4.99	4.75	0.72	9.28
		20	-	-	-	-	5.30	2.78	0.76	10.27	5.26	3.40	0.75	10.12	5.31	4.04	0.76	10.28	5.52	4.70	0.79	11.00
11	3	15	2.44	2.44	0.70	8.84	3.10	3.10	0.88	13.21	3.73	3.73	1.06	18.16	4.35	4.35	1.24	23.66	4.96	4.96	1.42	29.65
		17	3.01	2.39	0.86	12.57	3.28	3.07	0.94	14.67	3.73	3.73	1.07	18.20	4.36	4.36	1.24	23.72	4.97	4.97	1.42	29.73
		19	-	-	-	-	5.04	3.07	1.44	30.47	5.00	3.68	1.43	30.06	5.02	4.31	1.43	30.29	5.21	4.95	1.49	32.28
		20	-	-	-	-	6.12	3.09	1.75	42.85	6.08	3.71	1.75	42.77	6.04	4.32	1.74	42.28	6.01	4.93	1.73	41.83
	4	15	2.15	2.15	0.46	3.58	2.80	2.80	0.60	6.77	3.46	3.46	0.74	9.76	4.10	4.10	0.88	13.02	4.72	4.72	1.01	16.57
		17	2.34	2.08	0.50	4.49	2.84	2.79	0.61	6.97	3.46	3.46	0.74	9.78	4.10	4.10	0.88	13.05	4.72	4.72	1.01	16.61
		19	-	-	-	-	4.20	2.74	0.90	13.55	4.24	3.38	0.91	13.81	4.47	4.05	0.96	15.11	4.83	4.71	1.04	17.26
		20	-	-	-	-	5.33	2.79	1.14	20.43	5.30	3.41	1.13	20.17	5.27	4.03	1.13	19.99	5.38	4.66	1.15	20.76
	5	15	1.93	1.93	0.33	1.58	2.53	2.53	0.44	3.12	3.16	3.16	0.54	5.52	3.82	3.82	0.66	7.95	4.46	4.46	0.77	10.34
		17	2.01	1.88	0.35	1.71	2.54	2.54	0.44	3.14	3.16	3.16	0.54	5.54	3.82	3.82	0.66	7.97	4.47	4.47	0.77	10.37
		19	-	-	-	-	3.22	2.38	0.56	5.79	3.57	3.08	0.61	7.05	4.00	3.79	0.69	8.59	4.50	4.47	0.77	10.50
		20	-	-	-	-	4.41	2.44	0.76	10.11	4.38	3.07	0.75	10.02	4.55	3.73	0.78	10.70	4.85	4.40	0.84	11.92
	6	15	1.65	1.65	0.24	1.05	2.31	2.31	0.33	1.58	2.91	2.91	0.42	2.80	3.52	3.52	0.51	4.64	4.16	4.16	0.60	6.65
		17	1.66	1.63	0.24	1.06	2.31	2.31	0.33	1.58	2.91	2.91	0.42	2.81	3.53	3.53	0.51	4.66	4.17	4.17	0.60	6.67
		19	-	-	-	-	2.67	2.14	0.38	2.22	3.08	2.82	0.44	3.27	3.58	3.51	0.51	4.84	4.17	4.17	0.60	6.68
		20	-	-	-	-	3.26	2.04	0.47	3.85	3.50	2.72	0.50	4.60	3.88	3.42	0.55	5.78	4.35	4.13	0.62	7.20

(Continued)

MDKT3-07H/07U																						
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	1.79	1.79	0.51	4.88	2.46	2.46	0.71	8.90	3.10	3.10	0.88	13.03	3.73	3.73	1.07	18.15	4.35	4.35	1.25	23.59
		17	1.80	1.79	0.52	4.97	2.46	2.46	0.71	8.92	3.10	3.10	0.89	13.07	3.74	3.74	1.07	18.19	4.36	4.36	1.25	23.66
		19	-	-	-	-	3.25	2.39	0.93	14.11	3.45	3.06	0.99	15.86	3.81	3.73	1.09	18.77	4.36	4.36	1.25	23.72
		20	-	-	-	-	4.39	2.43	1.26	23.93	4.35	3.05	1.25	23.56	4.39	3.69	1.26	23.98	4.61	4.33	1.32	26.05
	4	15	1.55	1.55	0.33	1.60	2.16	2.16	0.47	3.82	2.81	2.81	0.60	6.78	3.47	3.47	0.74	9.66	4.10	4.10	0.88	12.84
		17	1.55	1.55	0.33	1.60	2.16	2.16	0.47	3.84	2.82	2.82	0.60	6.80	3.47	3.47	0.74	9.68	4.11	4.11	0.88	12.88
		19	-	-	-	-	2.46	2.07	0.53	5.20	2.94	2.79	0.63	7.29	3.48	3.48	0.75	9.73	4.11	4.11	0.88	12.91
		20	-	-	-	-	3.39	2.08	0.73	9.26	3.50	2.74	0.75	9.78	3.80	3.42	0.81	11.28	4.21	4.09	0.90	13.42
	5	15	1.26	1.26	0.22	0.93	1.93	1.93	0.33	1.57	2.53	2.53	0.43	3.21	3.17	3.17	0.54	5.58	3.83	3.83	0.66	7.81
		17	1.27	1.27	0.22	0.93	1.94	1.94	0.33	1.58	2.54	2.54	0.44	3.22	3.18	3.18	0.54	5.60	3.83	3.83	0.66	7.83
		19	-	-	-	-	2.05	1.86	0.35	1.82	2.56	2.53	0.44	3.30	3.18	3.18	0.55	5.61	3.84	3.84	0.66	7.85
		20	-	-	-	-	2.42	1.73	0.41	2.84	2.80	2.43	0.48	4.20	3.30	3.15	0.57	6.04	3.86	3.84	0.66	7.92
	6	15	0.95	0.95	0.14	0.57	1.66	1.66	0.24	1.00	2.31	2.31	0.33	1.58	2.91	2.91	0.42	2.88	3.53	3.53	0.51	4.75
		17	0.95	0.95	0.14	0.57	1.66	1.66	0.24	1.00	2.32	2.32	0.33	1.58	2.91	2.91	0.42	2.89	3.54	3.54	0.51	4.77
		19	-	-	-	-	1.69	1.63	0.24	1.02	2.32	2.32	0.33	1.59	2.92	2.92	0.42	2.91	3.54	3.54	0.51	4.78
		20	-	-	-	-	1.91	1.52	0.27	1.15	2.44	2.24	0.35	1.80	2.95	2.90	0.42	2.99	3.54	3.54	0.51	4.78
15	3	15	1.17	1.17	0.33	1.59	1.79	1.79	0.51	4.91	2.46	2.46	0.70	8.67	3.10	3.10	0.89	12.86	3.73	3.73	1.07	17.87
		17	1.17	1.17	0.33	1.60	1.79	1.79	0.51	4.93	2.46	2.46	0.70	8.69	3.11	3.11	0.89	12.90	3.74	3.74	1.07	17.92
		19	-	-	-	-	1.84	1.78	0.52	5.19	2.46	2.45	0.70	8.68	3.11	3.11	0.89	12.93	3.74	3.74	1.08	17.97
		20	-	-	-	-	2.38	1.73	0.68	8.15	2.70	2.42	0.77	10.12	3.15	3.11	0.90	13.18	3.75	3.74	1.08	17.99
	4	15	0.88	0.88	0.19	0.78	1.55	1.55	0.33	1.60	2.16	2.16	0.46	3.91	2.83	2.83	0.61	6.74	3.48	3.48	0.75	9.67
		17	0.88	0.88	0.19	0.78	1.55	1.55	0.33	1.61	2.17	2.17	0.46	3.92	2.83	2.83	0.61	6.75	3.49	3.49	0.75	9.69
		19	-	-	-	-	1.56	1.56	0.33	1.62	2.17	2.17	0.47	3.94	2.84	2.84	0.61	6.77	3.49	3.49	0.75	9.72
		20	-	-	-	-	1.71	1.46	0.37	2.10	2.22	2.15	0.48	4.15	2.84	2.83	0.61	6.77	3.49	3.49	0.75	9.73
	5	15	0.54	0.54	0.09	0.38	1.28	1.28	0.22	0.90	1.94	1.94	0.33	1.64	2.55	2.55	0.44	3.41	3.20	3.20	0.55	5.70
		17	0.54	0.54	0.09	0.38	1.29	1.29	0.22	0.90	1.94	1.94	0.33	1.65	2.55	2.55	0.44	3.42	3.20	3.20	0.55	5.71
		19	-	-	-	-	1.29	1.28	0.22	0.90	1.95	1.95	0.34	1.65	2.55	2.55	0.44	3.43	3.21	3.21	0.55	5.73
		20	-	-	-	-	1.33	1.25	0.23	0.93	1.95	1.94	0.34	1.67	2.55	2.55	0.44	3.44	3.21	3.21	0.55	5.74
	6	15	-	-	-	-	0.97	0.97	0.14	0.55	1.68	1.68	0.24	0.97	2.32	2.32	0.33	1.64	2.92	2.92	0.42	3.05
		17	-	-	-	-	0.97	0.97	0.14	0.55	1.68	1.68	0.24	0.97	2.32	2.32	0.33	1.65	2.92	2.92	0.42	3.06
		19	-	-	-	-	0.97	0.97	0.14	0.55	1.68	1.68	0.24	0.97	2.33	2.33	0.33	1.65	2.93	2.93	0.42	3.07
		20	-	-	-	-	0.97	0.97	0.14	0.55	1.68	1.67	0.24	0.97	2.33	2.33	0.33	1.66	2.93	2.93	0.42	3.08

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C)

WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW)

WPD: Water Pressure Drop. (kPa)

Heating Capacity Table

MDKT3-07H/07U													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	6.74	0.73	8.12	6.00	0.65	6.65	5.25	0.57	5.31	4.51	0.49	4.09
	10	6.23	0.54	4.88	5.47	0.47	3.91	4.69	0.40	3.01	3.89	0.34	2.11
	12	5.64	0.41	3.05	4.83	0.35	2.27	4.06	0.29	1.48	3.33	0.24	0.86
	14	4.99	0.31	1.66	4.25	0.26	1.08	3.49	0.22	0.68	2.64	0.16	0.49
	16	4.44	0.24	0.85	3.64	0.20	0.61	2.75	0.15	0.46	1.74	0.09	0.30
45	8	8.56	0.92	11.95	7.83	0.84	10.24	7.10	0.77	8.64	6.36	0.69	7.17
	10	8.12	0.70	7.46	7.37	0.64	6.33	6.63	0.57	5.27	5.88	0.51	4.29
	12	7.63	0.55	4.95	6.86	0.49	4.14	6.09	0.44	3.38	5.30	0.38	2.68
	14	7.06	0.44	3.35	6.26	0.39	2.74	5.44	0.34	2.11	4.65	0.29	1.47
	16	6.41	0.35	2.24	5.61	0.30	1.66	4.84	0.26	1.13	4.09	0.22	0.73
50	8	10.37	1.12	16.27	9.63	1.04	14.31	8.90	0.96	12.48	8.17	0.88	10.76
	10	9.96	0.86	10.40	9.22	0.80	9.10	8.48	0.73	7.88	7.74	0.67	6.74
	12	9.51	0.68	7.03	8.76	0.63	6.10	8.01	0.58	5.23	7.26	0.52	4.42
	14	9.03	0.56	4.96	8.26	0.51	4.26	7.49	0.46	3.61	6.71	0.41	3.00
	16	8.50	0.46	3.59	7.70	0.42	3.04	6.90	0.37	2.53	6.08	0.33	2.02
55	8	12.16	1.31	21.17	11.42	1.23	18.96	10.68	1.15	16.88	9.95	1.08	14.92
	10	11.77	1.02	13.55	11.03	0.95	12.15	10.29	0.89	10.77	9.56	0.83	9.47
	12	11.36	0.82	9.33	10.61	0.76	8.29	9.87	0.71	7.31	9.12	0.66	6.39
	14	10.93	0.67	6.73	10.17	0.63	5.95	9.41	0.58	5.21	8.66	0.53	4.52
	16	10.44	0.56	4.97	9.67	0.52	4.36	8.90	0.48	3.78	8.13	0.44	3.24
60	8	13.94	1.50	26.28	13.21	1.42	23.86	12.45	1.34	21.56	11.72	1.26	19.38
	10	13.58	1.17	17.11	12.83	1.11	15.50	12.09	1.04	13.97	11.35	0.98	12.46
	12	13.20	0.95	11.88	12.44	0.90	10.73	11.70	0.84	9.64	10.95	0.79	8.60
	14	12.78	0.79	8.62	12.02	0.74	7.75	11.27	0.69	6.93	10.52	0.65	6.16
	16	12.35	0.67	6.49	11.58	0.63	5.81	10.82	0.58	5.17	10.06	0.54	4.57

Abbreviations:

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

Cooling Capacity Table

MDKT3-08S/08H/08U																							
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	6.32	4.80	1.81	52.77	6.29	5.48	1.80	52.30	6.43	6.18	1.84	54.32	6.88	6.88	1.99	61.90	7.54	7.54	2.18	72.74	
		17	8.37	4.83	2.40	86.14	8.32	5.51	2.39	85.22	8.27	6.18	2.37	84.34	8.22	6.85	2.36	83.48	8.20	7.52	2.36	83.16	
		19	-	-	-	-	10.50	5.53	3.03	128.66	10.45	6.21	3.02	128.48	10.40	6.88	3.02	127.97	10.34	7.55	3.00	126.64	
		20	-	-	-	-	11.66	5.54	3.36	154.67	11.59	6.22	3.34	153.19	11.53	6.89	3.33	151.62	11.46	7.55	3.31	150.14	
	4	15	5.60	4.46	1.20	25.95	5.71	5.17	1.22	26.80	6.02	5.90	1.29	29.43	6.60	6.60	1.42	34.48	7.27	7.27	1.56	40.74	
		17	7.71	4.52	1.66	45.01	7.66	5.20	1.65	44.55	7.62	5.88	1.64	44.09	7.59	6.55	1.63	43.81	7.71	7.24	1.65	45.02	
		19	-	-	-	-	9.87	5.24	2.12	69.13	9.81	5.91	2.11	68.43	9.76	6.58	2.10	67.73	9.70	7.25	2.08	67.06	
		20	-	-	-	-	11.04	5.25	2.37	84.02	10.97	5.93	2.36	83.20	10.91	6.60	2.35	82.36	10.85	7.27	2.33	81.55	
	5	15	4.86	4.10	0.83	13.88	5.19	4.87	0.89	15.61	5.66	5.62	0.97	18.13	6.31	6.31	1.08	21.68	6.99	6.99	1.20	25.84	
		17	6.95	4.17	1.19	25.55	6.91	4.86	1.19	25.28	6.88	5.54	1.18	25.06	6.99	6.24	1.20	25.77	7.25	6.96	1.24	27.51	
		19	-	-	-	-	9.18	4.92	1.58	41.21	9.13	5.60	1.57	40.84	9.09	6.28	1.57	40.80	9.03	6.95	1.56	40.40	
		20	-	-	-	-	10.37	4.95	1.79	51.21	10.30	5.63	1.77	50.33	10.26	6.31	1.77	50.34	10.19	6.97	1.75	49.35	
	6	15	4.20	3.75	0.60	7.35	4.68	4.53	0.67	9.36	5.30	5.30	0.76	11.85	6.01	6.01	0.86	14.66	6.70	6.70	0.96	17.52	
		17	6.11	3.80	0.88	15.03	6.06	4.49	0.87	14.85	6.17	5.20	0.89	15.31	6.44	5.94	0.92	16.49	6.84	6.67	0.98	18.15	
		19	-	-	-	-	8.41	4.58	1.20	25.78	8.36	5.26	1.20	25.52	8.31	5.94	1.19	25.26	8.27	6.61	1.18	25.07	
		20	-	-	-	-	9.63	4.62	1.38	32.78	9.58	5.31	1.38	32.46	9.52	5.98	1.37	32.14	9.47	6.65	1.36	31.82	
7	3	15	4.81	4.09	1.39	32.91	5.01	4.82	1.45	35.39	5.52	5.51	1.58	41.27	6.20	6.20	1.79	51.11	6.87	6.87	1.98	60.36	
		17	6.85	4.12	1.97	60.06	6.81	4.81	1.96	59.41	6.77	5.48	1.95	58.84	6.78	6.17	1.95	59.00	7.00	6.87	2.02	62.82	
		19	-	-	-	-	9.02	4.84	2.62	98.55	8.96	5.52	2.61	97.53	8.91	6.19	2.59	96.53	8.86	6.86	2.57	95.52	
		20	-	-	-	-	10.19	4.86	2.96	122.07	10.12	5.54	2.95	120.85	10.06	6.21	2.93	119.62	9.98	6.87	2.89	116.53	
	4	15	4.19	3.78	0.90	15.74	4.60	4.53	0.99	18.33	5.24	5.24	1.13	22.91	5.93	5.93	1.27	28.29	6.61	6.61	1.43	34.43	
		17	6.13	3.80	1.33	30.21	6.09	4.49	1.32	29.86	6.09	5.18	1.32	29.91	6.28	5.89	1.36	31.56	6.66	6.61	1.44	34.90	
		19	-	-	-	-	8.33	4.54	1.80	51.35	8.28	5.22	1.79	50.81	8.23	5.89	1.78	50.29	8.18	6.56	1.77	49.74	
		20	-	-	-	-	9.50	4.56	2.05	64.23	9.44	5.24	2.04	63.67	9.39	5.92	2.04	63.30	9.34	6.58	2.02	62.65	
	5	15	3.61	3.43	0.62	8.04	4.22	4.21	0.73	10.80	4.94	4.94	0.85	14.08	5.64	5.64	0.97	17.65	6.32	6.32	1.09	21.48	
		17	5.25	3.43	0.91	15.67	5.25	4.13	0.91	15.67	5.46	4.87	0.94	16.77	5.82	5.61	1.00	18.64	6.34	6.33	1.09	21.57	
		19	-	-	-	-	7.57	4.21	1.31	29.40	7.52	4.90	1.30	29.08	7.47	5.57	1.29	28.76	7.48	6.25	1.29	28.82	
		20	-	-	-	-	8.75	4.24	1.51	37.49	8.70	4.92	1.50	37.10	8.65	5.60	1.49	36.72	8.59	6.27	1.48	36.34	
	6	15	3.26	3.18	0.47	3.92	3.88	3.88	0.56	6.18	4.60	4.60	0.66	9.06	5.32	5.32	0.76	11.70	6.03	6.03	0.86	14.44	
		17	4.19	2.99	0.60	7.46	4.45	3.76	0.64	8.50	4.88	4.54	0.70	10.08	5.40	5.31	0.77	11.99	6.03	6.03	0.86	14.47	
		19	-	-	-	-	6.68	3.85	0.96	17.19	6.63	4.53	0.95	16.98	6.64	5.22	0.95	17.04	6.82	5.94	0.98	17.86	
		20	-	-	-	-	7.94	3.90	1.14	23.22	7.89	4.59	1.14	22.98	7.83	5.26	1.13	22.62	7.79	5.93	1.12	22.41	

(Continued)

MDKT3-08S/08H/08U																						
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	3.51	3.42	1.01	18.69	4.14	4.14	1.19	24.82	4.83	4.83	1.39	32.38	5.52	5.52	1.59	40.68	6.19	6.19	1.80	50.37
		17	5.20	3.40	1.49	36.64	5.16	4.09	1.48	36.14	5.26	4.80	1.51	37.37	5.59	5.52	1.62	42.09	6.20	6.20	1.80	50.50
		19	-	-	-	-	7.38	4.13	2.13	67.55	7.34	4.81	2.11	66.81	7.29	5.49	2.10	66.09	7.25	6.16	2.09	65.38
		20	-	-	-	-	8.57	4.15	2.49	88.81	8.51	4.83	2.47	87.47	8.46	5.51	2.46	86.92	8.41	6.18	2.44	86.00
	4	15	3.12	3.11	0.67	9.31	3.85	3.85	0.83	13.45	4.55	4.55	0.98	17.81	5.25	5.25	1.13	22.73	5.93	5.93	1.28	27.90
		17	4.33	3.05	0.93	16.25	4.44	3.77	0.96	17.01	4.76	4.52	1.03	19.25	5.27	5.26	1.14	22.97	5.93	5.93	1.28	27.95
		19	-	-	-	-	6.62	3.82	1.43	33.71	6.58	4.50	1.42	33.33	6.54	5.18	1.41	32.97	6.63	5.88	1.43	33.78
		20	-	-	-	-	7.83	3.85	1.70	45.49	7.78	4.53	1.69	45.00	7.73	5.21	1.68	44.53	7.68	5.88	1.66	44.01
	5	15	2.79	2.79	0.48	4.34	3.50	3.50	0.60	7.61	4.24	4.24	0.73	10.71	4.96	4.96	0.86	14.06	5.65	5.65	0.97	17.44
		17	3.37	2.65	0.58	7.01	3.79	3.44	0.65	8.84	4.32	4.22	0.74	11.05	4.96	4.96	0.86	14.08	5.66	5.66	0.97	17.49
		19	-	-	-	-	5.74	3.46	0.99	17.89	5.70	4.15	0.98	17.67	5.81	4.86	1.00	18.28	6.08	5.59	1.05	19.77
		20	-	-	-	-	6.98	3.51	1.20	25.04	6.94	4.20	1.19	24.77	6.89	4.88	1.19	24.47	6.90	5.56	1.19	24.53
	6	15	2.55	2.55	0.37	2.13	3.21	3.21	0.46	3.90	3.90	3.90	0.56	6.45	4.63	4.63	0.66	9.10	5.35	5.35	0.77	11.61
		17	2.84	2.39	0.41	2.80	3.32	3.15	0.48	4.27	3.92	3.90	0.56	6.51	4.64	4.64	0.67	9.12	5.36	5.36	0.77	11.64
		19	-	-	-	-	4.64	3.04	0.67	9.09	4.81	3.78	0.69	9.67	5.15	4.55	0.74	10.88	5.59	5.31	0.80	12.51
		20	-	-	-	-	6.02	3.14	0.86	14.14	5.97	3.82	0.86	13.95	5.99	4.52	0.86	14.04	6.19	5.25	0.89	14.87
11	3	15	2.73	2.73	0.78	11.83	3.45	3.45	0.98	17.63	4.15	4.15	1.18	24.22	4.83	4.83	1.38	31.53	5.52	5.52	1.59	40.14
		17	3.38	2.67	0.96	17.00	3.66	3.42	1.04	19.49	4.15	4.15	1.19	24.29	4.84	4.84	1.38	31.61	5.53	5.53	1.59	40.24
		19	-	-	-	-	5.64	3.42	1.62	41.68	5.60	4.11	1.61	41.14	5.61	4.80	1.61	41.22	5.79	5.50	1.66	43.12
		20	-	-	-	-	6.81	3.44	1.95	57.09	6.76	4.12	1.93	56.45	6.72	4.80	1.92	55.80	6.67	5.48	1.91	55.16
	4	15	2.39	2.39	0.51	5.26	3.13	3.13	0.67	9.17	3.86	3.86	0.83	13.05	4.56	4.56	0.98	17.37	5.25	5.25	1.13	22.12
		17	2.62	2.32	0.56	6.59	3.19	3.12	0.68	9.46	3.86	3.86	0.83	13.07	4.57	4.57	0.98	17.42	5.26	5.26	1.13	22.17
		19	-	-	-	-	4.73	3.07	1.01	18.44	4.76	3.78	1.02	18.63	4.99	4.51	1.07	20.27	5.38	5.24	1.15	23.07
		20	-	-	-	-	5.97	3.12	1.28	27.59	5.93	3.80	1.27	27.26	5.89	4.49	1.26	26.94	6.00	5.19	1.29	27.82
	5	15	2.14	2.14	0.37	2.20	2.81	2.81	0.48	4.58	3.54	3.54	0.61	7.73	4.27	4.27	0.73	10.66	4.97	4.97	0.85	13.70
		17	2.22	2.08	0.38	2.43	2.82	2.81	0.48	4.61	3.54	3.54	0.61	7.75	4.27	4.27	0.74	10.68	4.97	4.97	0.85	13.73
		19	-	-	-	-	3.69	2.68	0.64	8.31	4.03	3.46	0.69	9.66	4.48	4.23	0.77	11.58	5.01	4.97	0.86	13.93
		20	-	-	-	-	4.98	2.74	0.85	13.70	4.94	3.44	0.85	13.53	5.10	4.16	0.87	14.31	5.43	4.91	0.93	16.03
	6	15	1.84	1.84	0.26	1.30	2.56	2.56	0.37	2.20	3.22	3.22	0.46	4.11	3.93	3.93	0.56	6.58	4.66	4.66	0.67	8.99
		17	1.86	1.82	0.27	1.32	2.56	2.56	0.37	2.21	3.23	3.23	0.46	4.12	3.93	3.93	0.56	6.60	4.66	4.66	0.67	9.01
		19	-	-	-	-	2.95	2.37	0.42	3.24	3.43	3.14	0.49	4.82	4.00	3.91	0.57	6.85	4.67	4.67	0.67	9.03
		20	-	-	-	-	3.68	2.28	0.53	5.71	3.95	3.05	0.56	6.66	4.39	3.84	0.63	8.11	4.89	4.62	0.70	9.76

(Continued)

MDKT3-08S/08H/08U																						
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	2.00	2.00	0.57	6.93	2.74	2.74	0.79	11.90	3.46	3.46	0.99	17.66	4.15	4.15	1.19	24.19	4.83	4.83	1.38	31.06
		17	2.02	2.00	0.58	7.06	2.75	2.75	0.79	11.93	3.46	3.46	0.99	17.70	4.16	4.16	1.20	24.26	4.84	4.84	1.38	31.14
		19	-	-	-	-	3.67	2.68	1.06	19.55	3.86	3.41	1.11	21.27	4.24	4.15	1.22	25.05	4.84	4.84	1.38	31.21
		20	-	-	-	-	4.89	2.71	1.40	31.64	4.84	3.40	1.38	31.16	4.88	4.10	1.39	31.56	5.12	4.82	1.46	34.29
	4	15	1.72	1.72	0.37	2.28	2.40	2.40	0.51	5.47	3.15	3.15	0.67	9.10	3.87	3.87	0.83	12.91	4.57	4.57	0.98	17.33
		17	1.72	1.71	0.37	2.27	2.40	2.40	0.52	5.48	3.15	3.15	0.68	9.12	3.87	3.87	0.83	12.94	4.58	4.58	0.99	17.38
		19	-	-	-	-	2.79	2.33	0.60	7.42	3.30	3.12	0.71	9.85	3.88	3.88	0.83	13.01	4.58	4.58	0.99	17.43
		20	-	-	-	-	3.85	2.34	0.83	12.80	3.93	3.06	0.84	13.28	4.26	3.82	0.92	15.38	4.70	4.56	1.01	18.16
	5	15	1.41	1.41	0.24	1.15	2.14	2.14	0.37	2.24	2.82	2.82	0.48	4.71	3.55	3.55	0.61	7.64	4.28	4.28	0.73	10.46
		17	1.42	1.42	0.24	1.15	2.14	2.14	0.37	2.25	2.82	2.82	0.48	4.73	3.56	3.56	0.61	7.66	4.28	4.28	0.73	10.48
		19	-	-	-	-	2.26	2.05	0.39	2.64	2.85	2.81	0.49	4.85	3.56	3.56	0.61	7.67	4.29	4.29	0.74	10.51
		20	-	-	-	-	2.69	1.93	0.46	4.23	3.15	2.72	0.54	6.13	3.72	3.52	0.64	8.24	4.32	4.28	0.74	10.62
	6	15	1.07	1.07	0.15	0.71	1.85	1.85	0.27	1.24	2.56	2.56	0.37	2.26	3.23	3.23	0.46	4.24	3.95	3.95	0.57	6.67
		17	1.07	1.07	0.15	0.71	1.85	1.85	0.27	1.24	2.56	2.56	0.37	2.27	3.23	3.23	0.46	4.25	3.96	3.96	0.57	6.69
		19	-	-	-	-	1.90	1.82	0.27	1.27	2.57	2.56	0.37	2.28	3.24	3.24	0.46	4.27	3.97	3.97	0.57	6.71
		20	-	-	-	-	2.15	1.70	0.31	1.50	2.70	2.47	0.39	2.61	3.28	3.22	0.47	4.40	3.97	3.96	0.57	6.71
15	3	15	1.29	1.29	0.37	2.30	2.01	2.01	0.57	6.82	2.74	2.74	0.78	11.59	3.46	3.46	0.99	17.41	4.14	4.14	1.18	23.48
		17	1.29	1.29	0.37	2.30	2.01	2.01	0.57	6.83	2.75	2.75	0.78	11.61	3.46	3.46	1.00	17.46	4.15	4.15	1.18	23.54
		19	-	-	-	-	2.07	2.00	0.59	7.17	2.75	2.74	0.78	11.60	3.47	3.47	1.00	17.51	4.16	4.16	1.19	23.61
		20	-	-	-	-	2.69	1.94	0.77	11.17	3.02	2.70	0.86	13.62	3.51	3.46	1.01	17.87	4.16	4.16	1.19	23.63
	4	15	0.99	0.99	0.21	0.96	1.71	1.71	0.37	2.32	2.42	2.42	0.52	5.63	3.16	3.16	0.68	9.03	3.88	3.88	0.84	12.91
		17	0.99	0.99	0.21	0.97	1.72	1.72	0.37	2.33	2.42	2.42	0.52	5.64	3.17	3.17	0.68	9.05	3.88	3.88	0.84	12.94
		19	-	-	-	-	1.72	1.72	0.37	2.34	2.42	2.42	0.52	5.66	3.17	3.17	0.68	9.09	3.89	3.89	0.84	12.98
		20	-	-	-	-	1.89	1.62	0.41	3.06	2.49	2.40	0.53	5.96	3.17	3.17	0.68	9.09	3.89	3.89	0.84	12.99
	5	15	0.62	0.62	0.11	0.47	1.44	1.44	0.25	1.12	2.14	2.14	0.37	2.38	2.84	2.84	0.49	4.96	3.58	3.58	0.62	7.67
		17	0.62	0.62	0.11	0.47	1.44	1.44	0.25	1.12	2.15	2.15	0.37	2.39	2.84	2.84	0.49	4.97	3.58	3.58	0.62	7.69
		19	-	-	-	-	1.44	1.43	0.25	1.12	2.15	2.15	0.37	2.39	2.84	2.84	0.49	4.99	3.59	3.59	0.62	7.71
		20	-	-	-	-	1.49	1.39	0.26	1.16	2.16	2.14	0.37	2.42	2.85	2.85	0.49	5.00	3.59	3.59	0.62	7.72
	6	15	-	-	-	-	1.09	1.09	0.16	0.69	1.87	1.87	0.27	1.21	2.56	2.56	0.37	2.39	3.25	3.25	0.47	4.46
		17	-	-	-	-	1.09	1.09	0.16	0.69	1.87	1.87	0.27	1.21	2.57	2.57	0.37	2.39	3.25	3.25	0.47	4.48
		19	-	-	-	-	1.09	1.09	0.16	0.69	1.88	1.88	0.27	1.21	2.57	2.57	0.37	2.40	3.26	3.26	0.47	4.49
		20	-	-	-	-	1.09	1.09	0.16	0.69	1.88	1.87	0.27	1.21	2.57	2.57	0.37	2.41	3.26	3.26	0.47	4.50

Abbreviations:

EWT: Enter Water Temp. (°C) ΔT : Temperature Difference. (°C) DB: Dry Bulb Temp. (°C)

WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C)

TC: Total Cooling Capacity. (kW)

SC: Sensible Cooling Capacity. (kW)

WPD: Water Pressure Drop. (kPa)

Heating Capacity Table

MDKT3-08S/08H/08U													
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	7.69	0.83	11.35	6.84	0.74	9.32	6.01	0.65	7.41	5.17	0.56	5.73
	10	7.14	0.62	6.82	6.27	0.54	5.48	5.40	0.47	4.25	4.50	0.39	3.12
	12	6.51	0.47	4.32	5.60	0.40	3.35	4.67	0.34	2.34	3.80	0.27	1.37
	14	5.76	0.36	2.62	4.86	0.30	1.72	4.01	0.25	1.02	3.08	0.19	0.64
	16	5.09	0.27	1.33	4.21	0.23	0.84	3.22	0.17	0.60	2.08	0.11	0.39
45	8	9.74	1.05	16.58	8.91	0.96	14.29	8.08	0.87	12.01	7.25	0.78	9.97
	10	9.25	0.80	10.38	8.41	0.73	8.81	7.57	0.65	7.35	6.72	0.58	6.00
	12	8.72	0.63	6.91	7.86	0.57	5.79	6.99	0.50	4.75	6.11	0.44	3.78
	14	8.11	0.50	4.71	7.22	0.44	3.87	6.30	0.39	3.08	5.37	0.33	2.28
	16	7.42	0.40	3.26	6.48	0.35	2.54	5.55	0.30	1.80	4.68	0.25	1.14
50	8	11.78	1.27	22.67	10.94	1.18	19.85	10.11	1.09	17.31	9.29	1.00	14.94
	10	11.33	0.98	14.43	10.49	0.91	12.63	9.65	0.83	10.94	8.82	0.76	9.37
	12	10.84	0.78	9.77	9.99	0.72	8.49	9.14	0.66	7.29	8.27	0.60	6.17
	14	10.31	0.64	6.91	9.44	0.58	5.95	8.58	0.53	5.05	7.70	0.47	4.21
	16	9.73	0.52	5.01	8.84	0.48	4.26	7.95	0.43	3.57	7.03	0.38	2.90
55	8	13.80	1.49	29.20	12.96	1.40	26.16	12.13	1.31	23.29	11.31	1.22	20.70
	10	13.38	1.15	18.80	12.53	1.08	16.78	11.69	1.01	14.88	10.87	0.94	13.13
	12	12.92	0.93	12.95	12.07	0.87	11.51	11.23	0.81	10.16	10.39	0.75	8.88
	14	12.44	0.77	9.36	11.59	0.71	8.28	10.73	0.66	7.26	9.88	0.61	6.30
	16	11.92	0.64	6.94	11.05	0.60	6.10	10.18	0.55	5.28	9.31	0.50	4.54
60	8	15.82	1.71	36.54	14.98	1.62	33.26	14.14	1.52	29.97	13.30	1.43	26.88
	10	15.42	1.33	23.73	14.57	1.26	21.49	13.73	1.19	19.37	12.90	1.11	17.36
	12	14.99	1.08	16.48	14.14	1.02	14.89	13.29	0.96	13.37	12.46	0.90	11.94
	14	14.53	0.90	11.96	13.67	0.84	10.76	12.83	0.79	9.63	11.98	0.74	8.56
	16	14.05	0.76	9.01	13.19	0.71	8.08	12.33	0.67	7.20	11.46	0.62	6.36

Abbreviations:

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

Cooling Capacity Table

MDKT3-10S																							
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	7.16	5.49	2.07	49.29	7.13	6.28	2.06	48.94	7.33	7.10	2.10	50.87	7.90	7.90	2.26	57.73	8.67	8.67	2.49	67.98	
		17	9.52	5.51	2.73	79.97	9.47	6.30	2.72	79.18	9.41	7.09	2.70	78.39	9.36	7.87	2.69	77.74	9.36	8.64	2.69	77.84	
		19	-	-	-	-	12.01	6.33	3.47	121.27	11.93	7.12	3.44	119.17	11.87	7.90	3.42	118.00	11.81	8.67	3.41	117.90	
		20	-	-	-	-	13.34	6.34	3.85	145.39	13.28	7.13	3.84	144.63	13.21	7.92	3.84	144.65	13.13	8.69	3.80	142.12	
	4	15	6.24	5.06	1.34	23.26	6.41	5.89	1.37	24.39	6.83	6.74	1.47	27.24	7.55	7.55	1.62	32.35	8.33	8.33	1.79	38.34	
		17	8.68	5.12	1.86	41.11	8.63	5.92	1.85	40.70	8.58	6.70	1.84	40.29	8.57	7.49	1.84	40.18	8.75	8.30	1.88	41.70	
		19	-	-	-	-	11.21	5.96	2.42	64.67	11.15	6.75	2.41	64.04	11.09	7.53	2.40	63.43	11.03	8.31	2.38	62.83	
		20	-	-	-	-	12.54	5.97	2.70	77.97	12.48	6.76	2.68	77.23	12.41	7.55	2.67	76.76	12.36	8.33	2.67	76.68	
	5	15	5.34	4.62	0.92	12.18	5.77	5.50	0.99	13.89	6.40	6.38	1.10	16.68	7.19	7.19	1.24	20.37	7.98	7.98	1.37	24.14	
		17	7.73	4.69	1.33	22.82	7.68	5.49	1.32	22.59	7.66	6.28	1.31	22.48	7.84	7.11	1.34	23.40	8.20	7.95	1.41	25.33	
		19	-	-	-	-	10.34	5.57	1.78	37.92	10.28	6.36	1.77	37.56	10.22	7.14	1.76	37.20	10.16	7.92	1.75	36.84	
		20	-	-	-	-	11.69	5.59	2.01	46.59	11.63	6.38	2.00	46.15	11.56	7.17	1.99	45.71	11.50	7.94	1.98	45.28	
	6	15	4.60	4.20	0.66	6.16	5.19	5.09	0.74	8.24	5.97	5.96	0.85	10.78	6.80	6.80	0.98	13.52	7.61	7.61	1.09	16.37	
		17	6.65	4.22	0.95	12.98	6.62	5.02	0.95	12.87	6.81	5.87	0.98	13.52	7.19	6.74	1.03	14.83	7.71	7.59	1.10	16.62	
		19	-	-	-	-	9.35	5.14	1.34	23.05	9.29	5.93	1.33	22.82	9.24	6.71	1.32	22.59	9.22	7.50	1.32	22.51	
		20	-	-	-	-	10.77	5.18	1.55	29.59	10.71	5.98	1.54	29.31	10.65	6.77	1.53	29.03	10.57	7.54	1.51	28.48	
7	3	15	5.40	4.67	1.56	29.90	5.68	5.51	1.64	32.71	6.33	6.33	1.83	39.42	7.11	7.11	2.04	47.66	7.90	7.90	2.28	57.52	
		17	7.75	4.69	2.23	55.28	7.70	5.49	2.22	54.71	7.65	6.28	2.20	54.08	7.70	7.08	2.21	54.69	8.00	7.89	2.31	58.66	
		19	-	-	-	-	10.25	5.52	2.96	90.27	10.19	6.31	2.94	89.35	10.13	7.10	2.92	88.45	10.08	7.87	2.91	87.60	
		20	-	-	-	-	11.60	5.54	3.35	112.23	11.53	6.33	3.33	111.40	11.48	7.12	3.34	111.44	11.40	7.89	3.29	108.96	
	4	15	4.65	4.27	1.01	14.07	5.19	5.15	1.12	16.82	5.97	5.97	1.28	21.36	6.77	6.77	1.46	26.49	7.56	7.56	1.64	32.36	
		17	6.82	4.29	1.47	26.79	6.77	5.09	1.46	26.48	6.82	5.90	1.47	26.77	7.10	6.74	1.54	29.02	7.60	7.57	1.64	32.62	
		19	-	-	-	-	9.40	5.15	2.04	47.08	9.34	5.94	2.02	46.60	9.29	6.73	2.01	46.13	9.23	7.51	2.00	45.63	
		20	-	-	-	-	10.76	5.17	2.33	59.56	10.68	5.96	2.30	58.26	10.62	6.75	2.29	57.69	10.56	7.52	2.28	57.12	
	5	15	3.99	3.85	0.69	6.96	4.74	4.74	0.82	9.84	5.59	5.59	0.96	12.98	6.41	6.41	1.10	16.45	7.21	7.21	1.24	20.03	
		17	5.72	3.83	0.98	13.49	5.76	4.65	0.99	13.66	6.07	5.52	1.05	14.97	6.56	6.38	1.13	17.11	7.21	7.21	1.24	20.07	
		19	-	-	-	-	8.42	4.74	1.45	26.12	8.37	5.53	1.44	25.83	8.31	6.32	1.43	25.54	8.36	7.12	1.44	25.82	
		20	-	-	-	-	9.81	4.77	1.69	34.00	9.75	5.57	1.68	33.64	9.70	6.36	1.67	33.31	9.64	7.14	1.66	32.98	
	6	15	3.60	3.55	0.52	3.35	4.33	4.33	0.62	5.48	5.16	5.16	0.74	8.20	6.01	6.01	0.86	10.74	6.84	6.84	0.98	13.46	
		17	4.47	3.31	0.64	5.94	4.83	4.20	0.69	7.14	5.39	5.11	0.77	8.89	6.06	6.00	0.87	10.88	6.85	6.85	0.99	13.49	
		19	-	-	-	-	7.30	4.28	1.05	14.92	7.25	5.08	1.04	14.74	7.32	5.89	1.05	14.98	7.59	6.74	1.09	15.95	
		20	-	-	-	-	8.78	4.35	1.26	20.49	8.73	5.15	1.25	20.28	8.67	5.94	1.25	20.07	8.64	6.73	1.24	19.95	

(Continued)

MDKT3-10S																						
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	3.96	3.90	1.14	17.24	4.73	4.73	1.36	23.18	5.54	5.54	1.60	30.84	6.32	6.32	1.82	38.32	7.12	7.12	2.06	47.62
		17	5.82	3.86	1.67	33.17	5.78	4.67	1.66	32.76	5.94	5.49	1.71	34.34	6.37	6.33	1.83	38.79	7.13	7.13	2.06	47.74
		19	-	-	-	-	8.37	4.71	2.42	62.77	8.33	5.51	2.42	62.67	8.28	6.30	2.40	62.02	8.22	7.07	2.37	60.45
		20	-	-	-	-	9.72	4.72	2.80	81.05	9.66	5.52	2.79	80.22	9.60	6.31	2.77	79.41	9.54	7.09	2.75	78.56
	4	15	3.49	3.49	0.75	8.43	4.35	4.35	0.94	12.24	5.17	5.17	1.11	16.50	5.98	5.98	1.29	21.22	6.78	6.78	1.47	26.44
		17	4.73	3.42	1.02	14.12	4.92	4.27	1.06	15.08	5.35	5.15	1.15	17.51	5.99	5.99	1.29	21.27	6.79	6.79	1.47	26.51
		19	-	-	-	-	7.40	4.31	1.59	30.41	7.36	5.11	1.58	30.08	7.32	5.91	1.58	29.83	7.47	6.72	1.61	30.90
		20	-	-	-	-	8.81	4.35	1.91	41.48	8.76	5.15	1.90	41.05	8.70	5.94	1.89	40.61	8.62	6.71	1.86	39.62
	5	15	3.11	3.11	0.54	3.79	3.92	3.92	0.68	6.82	4.78	4.78	0.82	9.82	5.61	5.61	0.97	12.89	6.42	6.42	1.11	16.22
		17	3.62	2.95	0.62	5.67	4.16	3.87	0.72	7.68	4.83	4.78	0.83	9.99	5.62	5.62	0.97	12.91	6.43	6.43	1.11	16.26
		19	-	-	-	-	6.29	3.88	1.08	15.62	6.26	4.68	1.08	15.48	6.45	5.52	1.11	16.31	6.82	6.37	1.17	17.95
		20	-	-	-	-	7.74	3.93	1.33	22.29	7.69	4.73	1.33	22.05	7.64	5.52	1.32	21.78	7.69	6.33	1.32	22.03
	6	15	2.82	2.82	0.40	1.86	3.57	3.57	0.51	3.40	4.36	4.36	0.63	5.74	5.21	5.21	0.75	8.29	6.05	6.05	0.87	10.69
		17	3.07	2.67	0.44	2.28	3.65	3.53	0.52	3.61	4.37	4.37	0.63	5.76	5.22	5.22	0.75	8.31	6.06	6.06	0.87	10.71
		19	-	-	-	-	4.90	3.35	0.70	7.40	5.19	4.23	0.75	8.23	5.67	5.13	0.81	9.57	6.24	6.02	0.90	11.27
		20	-	-	-	-	6.52	3.46	0.94	12.12	6.47	4.26	0.93	11.95	6.55	5.09	0.94	12.20	6.85	5.95	0.98	13.18
11	3	15	3.08	3.08	0.88	10.87	3.92	3.92	1.12	16.37	4.74	4.74	1.35	22.66	5.54	5.54	1.58	29.64	6.33	6.33	1.81	37.60
		17	3.73	3.02	1.07	15.14	4.10	3.89	1.17	17.70	4.74	4.73	1.35	22.67	5.54	5.54	1.58	29.71	6.34	6.34	1.82	37.96
		19	-	-	-	-	6.32	3.88	1.81	37.51	6.28	4.68	1.80	37.03	6.31	5.49	1.81	37.41	6.59	6.32	1.90	40.63
		20	-	-	-	-	7.70	3.91	2.22	53.24	7.66	4.71	2.21	52.66	7.61	5.50	2.19	52.08	7.56	6.29	2.18	51.53
	4	15	2.66	2.66	0.57	4.63	3.52	3.52	0.75	8.36	4.37	4.37	0.94	12.05	5.19	5.19	1.11	16.16	5.99	5.99	1.28	20.68
		17	2.85	2.59	0.61	5.51	3.56	3.52	0.76	8.50	4.37	4.37	0.94	12.08	5.20	5.20	1.11	16.20	6.00	6.00	1.29	20.73
		19	-	-	-	-	5.19	3.45	1.11	16.12	5.26	4.28	1.13	16.52	5.59	5.14	1.20	18.35	6.10	5.99	1.31	21.30
		20	-	-	-	-	6.64	3.50	1.42	24.63	6.59	4.31	1.41	24.34	6.56	5.11	1.41	24.13	6.73	5.93	1.44	25.25
	5	15	2.37	2.37	0.41	1.91	3.13	3.13	0.54	4.02	3.97	3.97	0.68	7.00	4.82	4.82	0.83	9.79	5.64	5.64	0.97	12.69
		17	2.43	2.32	0.42	2.04	3.13	3.13	0.54	4.02	3.97	3.97	0.68	7.02	4.83	4.83	0.83	9.81	5.64	5.64	0.97	12.72
		19	-	-	-	-	3.93	2.97	0.68	6.86	4.41	3.89	0.76	8.40	4.99	4.79	0.86	10.40	5.66	5.65	0.97	12.80
		20	-	-	-	-	5.41	3.05	0.93	11.90	5.39	3.86	0.93	11.81	5.62	4.71	0.96	12.59	6.04	5.58	1.04	14.26
	6	15	2.01	2.01	0.29	1.16	2.84	2.84	0.41	1.91	3.59	3.59	0.52	3.59	4.39	4.39	0.63	5.90	5.25	5.25	0.75	8.22
		17	2.01	2.00	0.29	1.17	2.84	2.84	0.41	1.92	3.60	3.60	0.52	3.61	4.40	4.40	0.63	5.92	5.26	5.26	0.75	8.24
		19	-	-	-	-	3.18	2.64	0.46	2.60	3.75	3.52	0.54	4.03	4.44	4.39	0.63	6.03	5.26	5.26	0.75	8.26
		20	-	-	-	-	3.87	2.51	0.56	4.42	4.22	3.39	0.60	5.40	4.79	4.31	0.68	7.00	5.43	5.22	0.78	8.71

(Continued)

MDKT3-10S																						
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	2.24	2.24	0.64	6.22	3.10	3.10	0.89	10.97	3.93	3.93	1.13	16.43	4.74	4.74	1.36	22.67	5.53	5.53	1.58	29.21
		17	2.24	2.24	0.64	6.26	3.11	3.11	0.89	10.99	3.94	3.94	1.13	16.47	4.75	4.75	1.37	22.72	5.54	5.54	1.58	29.29
		19	-	-	-	-	4.04	3.03	1.16	17.21	4.31	3.89	1.24	19.21	4.81	4.75	1.38	23.20	5.55	5.55	1.59	29.37
		20	-	-	-	-	5.44	3.06	1.55	28.35	5.39	3.86	1.54	27.91	5.47	4.68	1.56	28.62	5.79	5.52	1.66	31.64
	4	15	1.90	1.90	0.41	1.97	2.69	2.69	0.58	4.93	3.55	3.55	0.76	8.33	4.38	4.38	0.94	11.94	5.21	5.21	1.12	16.16
		17	1.90	1.90	0.41	1.97	2.69	2.69	0.58	4.95	3.55	3.55	0.76	8.34	4.39	4.39	0.94	11.97	5.21	5.21	1.12	16.20
		19	-	-	-	-	3.01	2.60	0.65	6.27	3.66	3.53	0.79	8.80	4.40	4.39	0.94	11.99	5.22	5.22	1.12	16.24
		20	-	-	-	-	4.15	2.60	0.89	10.84	4.31	3.46	0.92	11.57	4.73	4.33	1.01	13.60	5.30	5.21	1.14	16.68
	5	15	1.54	1.54	0.26	1.02	2.37	2.37	0.41	1.94	3.14	3.14	0.54	4.15	3.99	3.99	0.68	6.95	4.84	4.84	0.83	9.63
		17	1.54	1.54	0.26	1.03	2.37	2.37	0.41	1.95	3.14	3.14	0.54	4.16	4.00	4.00	0.69	6.97	4.84	4.84	0.83	9.65
		19	-	-	-	-	2.47	2.30	0.42	2.18	3.15	3.14	0.54	4.20	4.00	4.00	0.69	6.99	4.85	4.85	0.83	9.68
		20	-	-	-	-	2.87	2.14	0.49	3.28	3.41	3.05	0.59	5.11	4.11	3.97	0.71	7.32	4.86	4.85	0.83	9.71
	6	15	1.13	1.13	0.16	0.61	2.02	2.02	0.29	1.11	2.84	2.84	0.41	1.96	3.60	3.60	0.52	3.72	4.43	4.43	0.63	6.03
		17	1.13	1.13	0.16	0.61	2.02	2.02	0.29	1.11	2.84	2.84	0.41	1.96	3.60	3.60	0.52	3.73	4.44	4.44	0.64	6.05
		19	-	-	-	-	2.05	2.01	0.29	1.12	2.84	2.84	0.41	1.96	3.61	3.61	0.52	3.75	4.44	4.44	0.64	6.07
		20	-	-	-	-	2.27	1.88	0.32	1.25	2.94	2.77	0.42	2.16	3.63	3.60	0.52	3.79	4.45	4.45	0.64	6.07
15	3	15	1.43	1.43	0.41	1.98	2.25	2.25	0.64	6.17	3.11	3.11	0.89	10.70	3.94	3.94	1.13	16.24	4.74	4.74	1.35	22.02
		17	1.43	1.43	0.41	1.98	2.25	2.25	0.64	6.18	3.11	3.11	0.89	10.72	3.94	3.94	1.13	16.28	4.74	4.74	1.35	22.08
		19	-	-	-	-	2.29	2.24	0.65	6.36	3.11	3.10	0.89	10.72	3.95	3.95	1.14	16.31	4.75	4.75	1.36	22.14
		20	-	-	-	-	2.90	2.18	0.83	9.52	3.35	3.07	0.96	12.17	3.98	3.95	1.14	16.50	4.75	4.75	1.36	22.17
	4	15	1.06	1.06	0.23	0.85	1.90	1.90	0.41	2.01	2.70	2.70	0.58	5.02	3.57	3.57	0.76	8.28	4.40	4.40	0.95	11.97
		17	1.07	1.07	0.23	0.85	1.90	1.90	0.41	2.01	2.70	2.70	0.58	5.03	3.57	3.57	0.77	8.30	4.41	4.41	0.95	12.00
		19	-	-	-	-	1.90	1.89	0.41	2.01	2.71	2.71	0.58	5.05	3.58	3.58	0.77	8.32	4.42	4.42	0.95	12.03
		20	-	-	-	-	2.05	1.81	0.44	2.48	2.74	2.70	0.59	5.20	3.57	3.57	0.77	8.31	4.42	4.42	0.95	12.05
	5	15	0.63	0.63	0.11	0.40	1.56	1.56	0.27	0.99	2.38	2.38	0.41	2.06	3.16	3.16	0.55	4.39	4.03	4.03	0.69	7.01
		17	0.64	0.64	0.11	0.40	1.56	1.56	0.27	1.00	2.38	2.38	0.41	2.07	3.17	3.17	0.55	4.41	4.03	4.03	0.70	7.02
		19	-	-	-	-	1.57	1.57	0.27	1.00	2.38	2.38	0.41	2.07	3.17	3.17	0.55	4.42	4.04	4.04	0.70	7.04
		20	-	-	-	-	1.60	1.53	0.28	1.02	2.38	2.38	0.41	2.07	3.17	3.17	0.55	4.43	4.04	4.04	0.70	7.05
	6	15	-	-	-	-	1.15	1.15	0.17	0.60	2.05	2.05	0.29	1.08	2.85	2.85	0.41	2.07	3.62	3.62	0.52	3.94
		17	-	-	-	-	1.16	1.16	0.17	0.60	2.05	2.05	0.29	1.08	2.85	2.85	0.41	2.07	3.63	3.63	0.52	3.95
		19	-	-	-	-	1.16	1.16	0.17	0.60	2.05	2.05	0.29	1.08	2.85	2.85	0.41	2.08	3.63	3.63	0.52	3.97
		20	-	-	-	-	1.16	1.15	0.17	0.60	2.05	2.05	0.29	1.08	2.85	2.85	0.41	2.08	3.64	3.64	0.52	3.97

Abbreviations:

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

Heating Capacity Table

MDKT3-10S													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
$^{\circ}C$	$^{\circ}C$	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa
40	8	8.75	0.95	10.57	7.78	0.84	8.64	6.80	0.73	6.84	5.81	0.63	5.25
	10	8.06	0.70	6.27	7.06	0.61	5.01	6.04	0.52	3.85	4.99	0.43	2.78
	12	7.28	0.52	3.91	6.21	0.45	2.98	5.15	0.37	2.01	4.18	0.30	1.15
	14	6.35	0.39	2.25	5.35	0.33	1.45	4.39	0.27	0.86	3.31	0.20	0.56
	16	5.58	0.30	1.12	4.57	0.25	0.72	3.44	0.19	0.52	2.15	0.12	0.33
45	8	11.14	1.20	15.58	10.18	1.10	13.32	9.22	0.99	11.23	8.26	0.89	9.30
	10	10.53	0.91	9.66	9.55	0.82	8.18	8.58	0.74	6.80	7.65	0.65	5.52
	12	9.86	0.71	6.37	8.86	0.64	5.31	7.86	0.57	4.33	6.83	0.49	3.42
	14	9.10	0.56	4.29	8.06	0.50	3.49	7.00	0.43	2.75	5.92	0.36	1.98
	16	8.24	0.45	2.91	7.15	0.39	2.22	6.11	0.33	1.53	5.13	0.28	0.96
50	8	13.52	1.46	21.43	12.55	1.35	18.73	11.59	1.25	16.31	10.63	1.15	14.05
	10	12.95	1.12	13.54	11.98	1.04	11.83	11.01	0.95	10.23	10.04	0.87	8.73
	12	12.33	0.89	9.10	11.35	0.82	7.88	10.37	0.75	6.75	9.38	0.67	5.69
	14	11.67	0.72	6.38	10.67	0.66	5.48	9.67	0.60	4.63	8.65	0.53	3.83
	16	10.95	0.59	4.58	9.93	0.54	3.89	8.88	0.48	3.22	7.82	0.42	2.60
55	8	15.87	1.71	27.70	14.90	1.61	24.80	13.94	1.51	22.17	12.99	1.40	19.58
	10	15.34	1.32	17.73	14.36	1.24	15.81	13.39	1.15	14.00	12.43	1.07	12.35
	12	14.77	1.06	12.14	13.78	0.99	10.78	12.81	0.92	9.49	11.83	0.85	8.28
	14	14.16	0.87	8.72	13.17	0.81	7.69	12.18	0.75	6.73	11.20	0.69	5.82
	16	13.51	0.73	6.42	12.51	0.68	5.62	11.49	0.62	4.86	10.48	0.57	4.15
60	8	18.24	1.97	34.77	17.26	1.86	31.62	16.28	1.75	28.42	15.31	1.65	25.54
	10	17.72	1.53	22.47	16.74	1.45	20.34	15.76	1.36	18.31	14.80	1.28	16.40
	12	17.18	1.24	15.53	16.19	1.17	14.01	15.21	1.09	12.57	14.24	1.02	11.21
	14	16.60	1.02	11.20	15.61	0.96	10.07	14.62	0.90	9.00	13.64	0.84	7.98
	16	16.00	0.86	8.40	15.00	0.81	7.52	14.01	0.76	6.68	13.02	0.70	5.89

Abbreviations:

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

Cooling Capacity Table

MDKT3-10H/10U																							
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	7.37	5.64	2.11	51.14	7.34	6.46	2.10	50.86	7.54	7.31	2.16	53.28	8.14	8.14	2.35	61.62	8.94	8.94	2.58	72.55	
		17	9.81	5.67	2.82	84.31	9.76	6.49	2.80	83.49	9.70	7.30	2.78	82.66	9.64	8.10	2.77	81.82	9.64	8.90	2.77	81.78	
		19	-	-	-	-	12.37	6.52	3.58	128.34	12.31	7.34	3.57	127.55	12.24	8.14	3.55	126.33	12.18	8.94	3.53	125.07	
		20	-	-	-	-	13.74	6.53	3.96	153.03	13.67	7.34	3.94	151.57	13.59	8.15	3.92	150.10	13.53	8.95	3.91	149.14	
	4	15	6.45	5.22	1.38	24.62	6.62	6.08	1.42	25.74	7.05	6.95	1.51	28.71	7.78	7.78	1.67	34.06	8.59	8.59	1.84	40.37	
		17	8.96	5.28	1.92	43.41	8.91	6.10	1.91	42.97	8.86	6.91	1.90	42.54	8.84	7.72	1.90	42.41	9.02	8.55	1.94	43.97	
		19	-	-	-	-	11.54	6.14	2.48	67.38	11.48	6.95	2.47	66.73	11.41	7.76	2.45	66.10	11.35	8.55	2.44	65.47	
		20	-	-	-	-	12.93	6.16	2.78	82.23	12.86	6.97	2.77	81.44	12.79	7.78	2.75	80.68	12.72	8.57	2.74	79.91	
	5	15	5.53	4.77	0.95	12.92	5.98	5.69	1.03	14.86	6.60	6.58	1.14	17.60	7.41	7.41	1.27	21.27	8.22	8.22	1.41	25.43	
		17	7.99	4.84	1.37	24.15	7.94	5.66	1.36	23.91	7.91	6.48	1.36	23.78	8.09	7.33	1.39	24.71	8.46	8.19	1.45	26.71	
		19	-	-	-	-	10.67	5.74	1.84	40.05	10.61	6.56	1.83	39.66	10.55	7.37	1.82	39.28	10.49	8.16	1.81	38.89	
		20	-	-	-	-	12.06	5.76	2.07	49.17	12.00	6.58	2.06	48.71	11.93	7.39	2.05	48.25	11.87	8.19	2.04	47.80	
	6	15	4.75	4.33	0.68	6.69	5.37	5.26	0.77	8.85	6.16	6.16	0.88	11.40	7.02	7.02	1.01	14.26	7.84	7.84	1.12	17.12	
		17	6.90	4.37	0.99	13.82	6.86	5.19	0.98	13.69	7.05	6.06	1.01	14.34	7.43	6.95	1.07	15.70	7.96	7.83	1.14	17.54	
		19	-	-	-	-	9.66	5.30	1.38	24.39	9.60	6.12	1.37	24.15	9.55	6.93	1.37	23.91	9.53	7.74	1.36	23.81	
		20	-	-	-	-	11.12	5.35	1.60	31.28	11.06	6.17	1.59	30.98	11.00	6.98	1.58	30.68	10.94	7.78	1.57	30.39	
7	3	15	5.57	4.81	1.61	31.55	5.86	5.68	1.69	34.43	6.51	6.51	1.87	40.91	7.33	7.33	2.12	50.87	8.13	8.13	2.34	60.12	
		17	8.00	4.84	2.30	58.57	7.95	5.66	2.30	58.20	7.90	6.47	2.28	57.56	7.94	7.29	2.29	58.11	8.25	8.13	2.38	61.83	
		19	-	-	-	-	10.58	5.70	3.08	96.72	10.52	6.51	3.06	95.75	10.45	7.31	3.01	93.31	10.39	8.11	3.00	92.39	
		20	-	-	-	-	11.97	5.71	3.48	120.28	11.90	6.53	3.46	119.07	11.81	7.33	3.41	116.01	11.75	8.13	3.39	114.87	
	4	15	4.81	4.41	1.04	14.89	5.36	5.31	1.15	17.74	6.15	6.15	1.32	22.49	6.98	6.98	1.50	27.90	7.79	7.79	1.69	34.07	
		17	7.04	4.42	1.52	28.33	7.00	5.25	1.51	28.00	7.04	6.08	1.51	28.27	7.33	6.95	1.58	30.61	7.83	7.80	1.69	34.35	
		19	-	-	-	-	9.69	5.31	2.10	49.67	9.64	6.13	2.09	49.17	9.58	6.94	2.07	48.68	9.52	7.73	2.06	48.16	
		20	-	-	-	-	11.09	5.33	2.40	62.81	11.03	6.15	2.39	62.20	10.97	6.96	2.38	61.61	10.91	7.76	2.36	61.01	
	5	15	4.12	3.98	0.71	7.51	4.90	4.90	0.84	10.40	5.76	5.76	0.99	13.69	6.61	6.61	1.14	17.34	7.43	7.43	1.28	21.11	
		17	5.94	3.96	1.02	14.36	5.97	4.80	1.03	14.51	6.28	5.69	1.08	15.88	6.76	6.58	1.16	17.97	7.44	7.44	1.28	21.15	
		19	-	-	-	-	8.72	4.90	1.51	27.93	8.66	5.72	1.50	27.64	8.61	6.53	1.49	27.34	8.65	7.35	1.50	27.57	
		20	-	-	-	-	10.13	4.92	1.74	35.90	10.07	5.74	1.73	35.55	10.01	6.55	1.72	35.20	9.95	7.36	1.71	34.85	
	6	15	3.70	3.66	0.53	3.63	4.47	4.47	0.64	5.92	5.33	5.33	0.76	8.73	6.20	6.20	0.89	11.34	7.05	7.05	1.01	14.11	
		17	4.63	3.42	0.66	6.47	5.01	4.34	0.72	7.71	5.58	5.28	0.80	9.46	6.26	6.20	0.90	11.50	7.06	7.06	1.01	14.12	
		19	-	-	-	-	7.57	4.43	1.09	15.87	7.52	5.25	1.08	15.67	7.58	6.09	1.09	15.89	7.84	6.95	1.13	16.89	
		20	-	-	-	-	9.08	4.49	1.30	21.71	9.02	5.31	1.30	21.49	8.97	6.13	1.29	21.27	8.93	6.94	1.28	21.12	

(Continued)

MDKT3-10H/10U																						
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	4.08	4.01	1.17	18.03	4.87	4.87	1.40	24.41	5.70	5.70	1.64	32.17	6.52	6.52	1.87	40.35	7.33	7.33	2.12	50.12
		17	6.01	3.98	1.73	35.04	5.97	4.81	1.71	34.61	6.12	5.66	1.76	36.22	6.57	6.53	1.90	41.47	7.34	7.34	2.13	50.24
		19	-	-	-	-	8.62	4.85	2.48	65.71	8.57	5.67	2.47	65.01	8.51	6.48	2.45	64.19	8.48	7.29	2.46	64.42
		20	-	-	-	-	10.03	4.88	2.92	86.88	9.97	5.69	2.89	85.43	9.90	6.50	2.86	83.74	9.84	7.30	2.84	82.86
	4	15	3.61	3.61	0.78	8.93	4.49	4.49	0.97	12.91	5.34	5.34	1.15	17.42	6.17	6.17	1.33	22.35	6.99	6.99	1.51	27.84
		17	4.90	3.53	1.06	14.99	5.08	4.41	1.09	15.98	5.53	5.31	1.19	18.52	6.18	6.17	1.33	22.40	7.00	7.00	1.52	27.91
		19	-	-	-	-	7.64	4.45	1.65	32.15	7.59	5.27	1.64	31.78	7.56	6.09	1.63	31.51	7.70	6.93	1.66	32.60
		20	-	-	-	-	9.09	4.49	1.97	43.78	9.03	5.31	1.96	43.32	8.98	6.12	1.95	42.87	8.92	6.93	1.93	42.40
	5	15	3.20	3.20	0.55	4.11	4.05	4.05	0.70	7.31	4.94	4.94	0.85	10.36	5.79	5.79	1.00	13.59	6.62	6.62	1.14	17.09
		17	3.75	3.04	0.65	6.17	4.31	4.00	0.74	8.21	4.99	4.93	0.86	10.56	5.80	5.80	1.00	13.62	6.63	6.63	1.14	17.13
		19	-	-	-	-	6.52	4.01	1.12	16.59	6.48	4.83	1.12	16.42	6.67	5.69	1.15	17.25	7.04	6.57	1.21	18.95
		20	-	-	-	-	8.01	4.06	1.38	23.60	7.95	4.88	1.37	23.34	7.90	5.70	1.36	23.06	7.94	6.53	1.37	23.29
	6	15	2.90	2.90	0.42	1.98	3.68	3.68	0.53	3.69	4.50	4.50	0.65	6.19	5.38	5.38	0.77	8.77	6.24	6.24	0.90	11.28
		17	3.16	2.75	0.45	2.45	3.76	3.63	0.54	3.91	4.51	4.51	0.65	6.21	5.39	5.39	0.77	8.79	6.25	6.25	0.90	11.30
		19	-	-	-	-	5.11	3.47	0.73	8.00	5.40	4.38	0.77	8.79	5.88	5.30	0.84	10.16	6.45	6.21	0.93	11.92
		20	-	-	-	-	6.77	3.59	0.97	12.90	6.71	4.41	0.96	12.72	6.79	5.26	0.97	12.96	7.08	6.14	1.02	13.96
11	3	15	3.18	3.18	0.91	11.47	4.04	4.04	1.15	17.25	4.88	4.88	1.39	23.86	5.70	5.70	1.63	31.20	6.52	6.52	1.88	39.86
		17	3.85	3.11	1.10	15.87	4.24	4.01	1.21	18.69	4.88	4.88	1.39	23.88	5.71	5.71	1.63	31.27	6.53	6.53	1.88	39.96
		19	-	-	-	-	6.54	4.01	1.88	39.97	6.49	4.83	1.87	39.47	6.52	5.66	1.88	39.80	6.80	6.51	1.96	42.82
		20	-	-	-	-	7.92	4.02	2.27	55.24	7.88	4.85	2.26	55.03	7.84	5.67	2.26	54.95	7.80	6.48	2.25	54.37
	4	15	2.75	2.75	0.59	5.01	3.64	3.64	0.78	8.84	4.51	4.51	0.97	12.71	5.35	5.35	1.15	17.03	6.18	6.18	1.32	21.78
		17	2.95	2.68	0.63	5.97	3.68	3.63	0.79	9.00	4.51	4.51	0.97	12.73	5.36	5.36	1.15	17.07	6.19	6.19	1.33	21.84
		19	-	-	-	-	5.37	3.56	1.15	17.10	5.44	4.42	1.17	17.49	5.77	5.30	1.24	19.38	6.29	6.17	1.35	22.45
		20	-	-	-	-	6.86	3.62	1.47	26.06	6.81	4.44	1.46	25.75	6.78	5.26	1.45	25.52	6.95	6.11	1.49	26.65
	5	15	2.44	2.44	0.42	2.05	3.23	3.23	0.56	4.35	4.10	4.10	0.71	7.43	4.97	4.97	0.86	10.33	5.81	5.81	1.00	13.38
		17	2.50	2.39	0.43	2.19	3.23	3.22	0.56	4.36	4.10	4.10	0.71	7.45	4.98	4.98	0.86	10.36	5.82	5.82	1.00	13.41
		19	-	-	-	-	4.09	3.08	0.70	7.39	4.57	4.02	0.79	8.93	5.16	4.94	0.89	11.00	5.85	5.83	1.00	13.50
		20	-	-	-	-	5.62	3.16	0.97	12.66	5.59	3.99	0.96	12.56	5.81	4.86	1.00	13.35	6.25	5.76	1.08	15.24
	6	15	2.07	2.07	0.30	1.20	2.92	2.92	0.42	2.06	3.70	3.70	0.53	3.90	4.54	4.54	0.65	6.33	5.42	5.42	0.78	8.69
		17	2.08	2.07	0.30	1.21	2.92	2.92	0.42	2.06	3.70	3.70	0.53	3.91	4.55	4.55	0.65	6.34	5.43	5.43	0.78	8.71
		19	-	-	-	-	3.27	2.72	0.47	2.81	3.87	3.63	0.55	4.38	4.59	4.54	0.66	6.47	5.43	5.43	0.78	8.72
		20	-	-	-	-	4.01	2.59	0.58	4.84	4.38	3.51	0.63	5.86	4.97	4.46	0.71	7.47	5.62	5.39	0.80	9.23

(Continued)

MDKT3-10H/10U																						
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	2.31	2.31	0.66	6.64	3.20	3.20	0.92	11.56	4.06	4.06	1.17	17.31	4.89	4.89	1.41	23.87	5.70	5.70	1.63	30.76
		17	2.32	2.32	0.67	6.69	3.21	3.21	0.92	11.59	4.06	4.06	1.17	17.36	4.89	4.89	1.41	23.92	5.71	5.71	1.63	30.84
		19	-	-	-	-	4.18	3.13	1.20	18.21	4.45	4.01	1.28	20.29	4.96	4.89	1.43	24.45	5.72	5.72	1.63	30.92
		20	-	-	-	-	5.62	3.16	1.61	29.99	5.57	3.98	1.59	29.52	5.65	4.83	1.61	30.23	5.97	5.69	1.71	33.37
	4	15	1.96	1.96	0.42	2.12	2.77	2.77	0.59	5.22	3.66	3.66	0.78	8.79	4.52	4.52	0.97	12.59	5.37	5.37	1.16	17.02
		17	1.96	1.95	0.42	2.12	2.77	2.77	0.59	5.24	3.67	3.67	0.79	8.81	4.53	4.53	0.97	12.62	5.37	5.37	1.16	17.06
		19	-	-	-	-	3.13	2.69	0.67	6.72	3.79	3.64	0.81	9.31	4.53	4.53	0.97	12.64	5.38	5.38	1.16	17.10
		20	-	-	-	-	4.31	2.69	0.92	11.57	4.46	3.57	0.96	12.28	4.91	4.48	1.06	14.58	5.47	5.37	1.18	17.59
	5	15	1.59	1.59	0.27	1.06	2.44	2.44	0.42	2.09	3.24	3.24	0.56	4.49	4.12	4.12	0.71	7.35	4.99	4.99	0.86	10.16
		17	1.59	1.59	0.27	1.06	2.44	2.44	0.42	2.10	3.24	3.24	0.56	4.50	4.13	4.13	0.71	7.37	5.00	5.00	0.86	10.18
		19	-	-	-	-	2.54	2.36	0.44	2.35	3.25	3.24	0.56	4.55	4.13	4.13	0.71	7.38	5.00	5.00	0.86	10.21
		20	-	-	-	-	2.96	2.21	0.51	3.57	3.54	3.15	0.61	5.53	4.26	4.10	0.73	7.76	5.02	5.01	0.86	10.25
	6	15	1.17	1.17	0.17	0.64	2.09	2.09	0.30	1.15	2.92	2.92	0.42	2.11	3.71	3.71	0.53	4.03	4.58	4.58	0.66	6.42
		17	1.17	1.17	0.17	0.64	2.09	2.09	0.30	1.15	2.92	2.92	0.42	2.12	3.72	3.72	0.53	4.04	4.59	4.59	0.66	6.43
		19	-	-	-	-	2.12	2.07	0.30	1.16	2.92	2.92	0.42	2.12	3.72	3.72	0.53	4.06	4.59	4.59	0.66	6.45
		20	-	-	-	-	2.35	1.94	0.34	1.31	3.03	2.85	0.43	2.34	3.74	3.71	0.54	4.11	4.60	4.59	0.66	6.45
15	3	15	1.47	1.47	0.42	2.14	2.32	2.32	0.66	6.53	3.21	3.21	0.91	11.28	4.06	4.06	1.17	17.10	4.88	4.88	1.39	23.19
		17	1.47	1.47	0.42	2.14	2.33	2.33	0.66	6.55	3.21	3.21	0.92	11.30	4.06	4.06	1.17	17.14	4.89	4.89	1.40	23.24
		19	-	-	-	-	2.37	2.32	0.68	6.74	3.21	3.20	0.92	11.30	4.07	4.07	1.17	17.18	4.89	4.89	1.40	23.31
		20	-	-	-	-	3.01	2.25	0.86	10.14	3.46	3.17	0.99	12.87	4.10	4.07	1.18	17.38	4.90	4.90	1.40	23.34
	4	15	1.10	1.10	0.24	0.88	1.96	1.96	0.42	2.17	2.79	2.79	0.60	5.39	3.68	3.68	0.79	8.74	4.54	4.54	0.98	12.62
		17	1.10	1.10	0.24	0.88	1.96	1.96	0.42	2.17	2.79	2.79	0.60	5.40	3.69	3.69	0.79	8.76	4.55	4.55	0.98	12.65
		19	-	-	-	-	1.96	1.95	0.42	2.17	2.80	2.80	0.60	5.42	3.69	3.69	0.79	8.78	4.56	4.56	0.98	12.68
		20	-	-	-	-	2.11	1.86	0.45	2.68	2.84	2.79	0.61	5.58	3.69	3.68	0.79	8.77	4.56	4.56	0.98	12.69
	5	15	0.66	0.66	0.11	0.42	1.61	1.61	0.28	1.03	2.45	2.45	0.42	2.23	3.27	3.27	0.56	4.74	4.16	4.16	0.72	7.40
		17	0.66	0.66	0.11	0.42	1.62	1.62	0.28	1.03	2.45	2.45	0.42	2.23	3.27	3.27	0.56	4.75	4.17	4.17	0.72	7.42
		19	-	-	-	-	1.62	1.62	0.28	1.03	2.45	2.45	0.42	2.24	3.28	3.28	0.56	4.76	4.17	4.17	0.72	7.44
		20	-	-	-	-	1.66	1.58	0.29	1.05	2.45	2.45	0.42	2.24	3.28	3.28	0.57	4.77	4.17	4.17	0.72	7.45
	6	15	-	-	-	-	1.20	1.20	0.17	0.62	2.12	2.12	0.30	1.12	2.93	2.93	0.42	2.23	3.74	3.74	0.54	4.26
		17	-	-	-	-	1.20	1.20	0.17	0.62	2.12	2.12	0.30	1.12	2.93	2.93	0.42	2.24	3.75	3.75	0.54	4.27
		19	-	-	-	-	1.20	1.20	0.17	0.62	2.12	2.12	0.30	1.12	2.93	2.93	0.42	2.25	3.75	3.75	0.54	4.28
		20	-	-	-	-	1.20	1.19	0.17	0.62	2.12	2.12	0.30	1.12	2.94	2.94	0.42	2.25	3.75	3.75	0.54	4.29

Abbreviations:

EWT: Enter Water Temp. (°C)

ΔT: Temperature Difference. (°C)

DB: Dry Bulb Temp. (°C)

WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C)

TC: Total Cooling Capacity. (kW)

SC: Sensible Cooling Capacity. (kW)

WPD: Water Pressure Drop. (kPa)

Heating Capacity Table

MDKT3-10H/10U													
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	8.97	0.97	11.04	7.98	0.86	9.02	6.98	0.75	7.14	5.97	0.64	5.48
	10	8.26	0.71	6.55	7.24	0.62	5.23	6.20	0.54	4.02	5.13	0.44	2.91
	12	7.46	0.54	4.08	6.38	0.46	3.13	5.28	0.38	2.13	4.27	0.31	1.22
	14	6.51	0.40	2.38	5.47	0.34	1.54	4.49	0.28	0.91	3.39	0.21	0.57
	16	5.70	0.31	1.18	4.68	0.25	0.75	3.52	0.19	0.54	2.20	0.12	0.34
45	8	11.43	1.23	16.27	10.44	1.13	13.95	9.45	1.02	11.73	8.47	0.91	9.71
	10	10.79	0.93	10.09	9.80	0.85	8.53	8.80	0.76	7.09	7.79	0.67	5.76
	12	10.11	0.73	6.65	9.09	0.65	5.54	8.06	0.58	4.52	7.01	0.51	3.57
	14	9.34	0.58	4.48	8.27	0.51	3.65	7.19	0.44	2.88	6.07	0.37	2.09
	16	8.46	0.46	3.05	7.34	0.40	2.34	6.25	0.34	1.62	5.24	0.28	1.01
50	8	13.86	1.50	22.38	12.87	1.39	19.57	11.88	1.28	17.04	10.90	1.18	14.68
	10	13.28	1.15	14.14	12.28	1.06	12.35	11.29	0.98	10.68	10.30	0.89	9.12
	12	12.64	0.91	9.50	11.64	0.84	8.23	10.63	0.76	7.05	9.62	0.69	5.94
	14	11.94	0.74	6.66	10.94	0.67	5.72	9.91	0.61	4.83	8.88	0.55	4.00
	16	11.23	0.61	4.78	10.18	0.55	4.06	9.12	0.49	3.37	8.03	0.43	2.72
55	8	16.28	1.75	28.94	15.28	1.65	25.91	14.29	1.54	23.05	13.31	1.44	20.46
	10	15.72	1.36	18.52	14.73	1.27	16.51	13.73	1.18	14.63	12.75	1.10	12.90
	12	15.14	1.09	12.68	14.13	1.02	11.25	13.13	0.94	9.91	12.13	0.87	8.65
	14	14.52	0.90	9.10	13.50	0.83	8.03	12.49	0.77	7.02	11.51	0.71	6.07
	16	13.85	0.75	6.70	12.82	0.69	5.87	11.79	0.64	5.07	10.75	0.58	4.33
60	8	18.70	2.02	36.33	17.70	1.91	33.05	16.70	1.80	29.78	15.70	1.69	26.69
	10	18.17	1.57	23.47	17.16	1.48	21.25	16.16	1.40	19.13	15.17	1.31	17.13
	12	17.61	1.27	16.22	16.60	1.19	14.63	15.60	1.12	13.13	14.60	1.05	11.71
	14	17.02	1.05	11.70	16.00	0.99	10.52	14.99	0.92	9.40	13.99	0.86	8.33
	16	16.40	0.89	8.77	15.38	0.83	7.85	14.36	0.78	6.97	13.34	0.72	6.15

Abbreviations:

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

Cooling Capacity Table

MDKT3-12S/12H/12U																							
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	8.92	6.83	2.57	48.68	8.88	7.82	2.56	48.34	9.12	8.83	2.63	50.67	9.82	9.82	2.81	56.96	10.79	10.79	3.11	67.72	
		17	11.85	6.85	3.40	78.95	11.78	7.84	3.38	78.16	11.72	8.82	3.37	77.73	11.66	9.79	3.37	77.75	11.66	10.76	3.37	77.74	
		19	-	-	-	-	14.93	7.87	4.30	118.73	14.85	8.85	4.28	117.87	14.78	9.83	4.28	117.91	14.71	10.79	4.26	117.13	
		20	-	-	-	-	16.61	7.90	4.81	144.64	16.53	8.88	4.81	144.32	16.43	9.85	4.75	141.63	16.34	10.81	4.72	140.04	
	4	15	7.76	6.29	1.66	22.98	7.98	7.33	1.71	24.09	8.50	8.39	1.82	26.89	9.39	9.39	2.02	31.93	10.37	10.37	2.22	37.84	
		17	10.81	6.37	2.32	40.60	10.74	7.36	2.31	40.19	10.68	8.34	2.29	39.78	10.67	9.32	2.29	39.75	10.89	10.33	2.34	41.17	
		19	-	-	-	-	13.95	7.42	3.01	63.84	13.87	8.40	3.00	63.23	13.80	9.37	2.98	62.63	13.72	10.34	2.96	62.03	
		20	-	-	-	-	15.61	7.43	3.36	76.96	15.54	8.42	3.35	76.77	15.46	9.40	3.34	76.41	15.38	10.36	3.32	75.68	
	5	15	6.65	5.74	1.14	12.03	7.18	6.85	1.23	13.72	7.96	7.94	1.37	16.47	8.95	8.95	1.54	20.11	9.92	9.92	1.70	23.83	
		17	9.62	5.84	1.65	22.55	9.56	6.83	1.64	22.32	9.54	7.82	1.64	22.21	9.76	8.85	1.67	23.11	10.21	9.89	1.75	25.01	
		19	-	-	-	-	12.87	6.93	2.22	37.45	12.79	7.91	2.21	37.09	12.72	8.89	2.19	36.74	12.65	9.85	2.18	36.38	
		20	-	-	-	-	14.55	6.95	2.50	46.00	14.47	7.94	2.49	45.56	14.39	8.92	2.47	45.13	14.31	9.88	2.46	44.70	
	6	15	5.73	5.23	0.82	6.09	6.46	6.34	0.93	8.13	7.42	7.42	1.06	10.65	8.46	8.46	1.21	13.34	9.47	9.47	1.36	16.16	
		17	8.28	5.25	1.19	12.82	8.24	6.25	1.18	12.71	8.48	7.31	1.22	13.36	8.95	8.38	1.28	14.66	9.61	9.45	1.38	16.55	
		19	-	-	-	-	11.63	6.39	1.66	22.77	11.56	7.38	1.65	22.54	11.50	8.35	1.64	22.31	11.48	9.34	1.64	22.24	
		20	-	-	-	-	13.41	6.45	1.93	29.23	13.33	7.44	1.91	28.95	13.23	8.41	1.89	28.40	13.16	9.38	1.88	28.12	
7	3	15	6.72	5.81	1.94	29.54	7.07	6.86	2.05	32.30	7.88	7.87	2.28	38.90	8.85	8.85	2.54	47.03	9.82	9.82	2.83	56.75	
		17	9.65	5.84	2.77	54.60	9.59	6.83	2.76	54.00	9.52	7.81	2.74	53.41	9.58	8.81	2.76	53.99	9.96	9.82	2.88	58.17	
		19	-	-	-	-	12.76	6.87	3.68	89.09	12.68	7.86	3.66	88.18	12.61	8.83	3.64	87.62	12.56	9.80	3.64	87.70	
		20	-	-	-	-	14.44	6.89	4.18	111.42	14.37	7.88	4.18	111.40	14.29	8.86	4.16	110.31	14.18	9.82	4.10	107.50	
	4	15	5.79	5.32	1.25	13.90	6.46	6.41	1.39	16.61	7.43	7.43	1.60	21.09	8.42	8.42	1.81	26.15	9.41	9.41	2.04	31.94	
		17	8.49	5.34	1.83	26.47	8.43	6.33	1.81	26.16	8.48	7.34	1.83	26.45	8.82	8.38	1.90	28.32	9.45	9.42	2.05	32.20	
		19	-	-	-	-	11.70	6.41	2.53	46.49	11.63	7.40	2.52	46.01	11.56	8.37	2.50	45.55	11.49	9.34	2.49	45.06	
		20	-	-	-	-	13.37	6.43	2.88	58.09	13.29	7.41	2.86	57.52	13.22	8.39	2.85	56.96	13.14	9.36	2.83	56.39	
	5	15	4.97	4.80	0.85	6.86	5.90	5.90	1.02	9.71	6.95	6.95	1.20	12.82	7.97	7.97	1.37	16.24	8.96	8.96	1.54	19.78	
		17	7.12	4.76	1.23	13.33	7.17	5.79	1.23	13.50	7.56	6.86	1.30	14.78	8.16	7.94	1.41	16.90	8.98	8.97	1.54	19.82	
		19	-	-	-	-	10.48	5.89	1.80	25.79	10.41	6.88	1.79	25.51	10.34	7.86	1.78	25.23	10.41	8.86	1.79	25.50	
		20	-	-	-	-	12.21	5.94	2.10	33.57	12.14	6.93	2.09	33.23	12.07	7.91	2.08	32.90	12.00	8.88	2.07	32.57	
	6	15	4.49	4.43	0.65	3.32	5.40	5.40	0.77	5.40	6.43	6.43	0.92	8.09	7.48	7.48	1.07	10.60	8.51	8.51	1.22	13.29	
		17	5.57	4.12	0.80	5.87	6.02	5.23	0.86	7.05	6.71	6.36	0.96	8.77	7.54	7.47	1.08	10.74	8.52	8.52	1.23	13.32	
		19	-	-	-	-	9.09	5.33	1.30	14.75	9.03	6.32	1.29	14.56	9.11	7.33	1.31	14.80	9.44	8.39	1.35	15.75	
		20	-	-	-	-	10.93	5.41	1.57	20.25	10.86	6.40	1.56	20.04	10.80	7.39	1.55	19.83	10.76	8.37	1.55	19.71	

(Continued)

MDKT3-12S/12H/12U																						
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	4.93	4.85	1.42	17.03	5.88	5.88	1.69	22.88	6.89	6.89	1.99	30.44	7.87	7.87	2.26	37.82	8.85	8.85	2.56	46.99
		17	7.25	4.81	2.08	32.76	7.20	5.81	2.07	32.37	7.39	6.83	2.12	33.92	7.92	7.87	2.28	38.28	8.86	8.86	2.57	47.11
		19	-	-	-	-	10.43	5.87	3.03	62.54	10.37	6.86	3.01	61.89	10.31	7.84	2.99	61.23	10.23	8.80	2.95	59.68
		20	-	-	-	-	12.09	5.88	3.49	80.02	12.02	6.87	3.47	79.19	11.95	7.85	3.45	78.35	11.88	8.82	3.43	77.55
	4	15	4.35	4.34	0.93	8.32	5.41	5.41	1.16	12.09	6.44	6.44	1.39	16.29	7.45	7.45	1.61	20.95	8.44	8.44	1.83	26.10
		17	5.90	4.26	1.27	14.06	6.12	5.32	1.32	14.90	6.66	6.40	1.44	17.29	7.46	7.45	1.61	21.00	8.45	8.45	1.83	26.16
		19	-	-	-	-	9.21	5.37	1.98	30.05	9.16	6.36	1.97	29.72	9.11	7.35	1.96	29.47	9.30	8.36	2.00	30.52
		20	-	-	-	-	10.96	5.42	2.38	40.96	10.87	6.40	2.34	39.99	10.80	7.38	2.33	39.57	10.73	8.35	2.31	39.13
	5	15	3.88	3.88	0.67	3.75	4.88	4.88	0.84	6.73	5.95	5.95	1.02	9.69	6.99	6.99	1.20	12.72	7.99	7.99	1.38	16.01
		17	4.51	3.67	0.78	5.61	5.18	4.81	0.89	7.59	6.01	5.94	1.04	9.86	6.99	6.99	1.20	12.75	8.00	8.00	1.38	16.05
		19	-	-	-	-	7.83	4.82	1.35	15.44	7.80	5.83	1.34	15.36	8.03	6.87	1.38	16.11	8.49	7.93	1.46	17.73
		20	-	-	-	-	9.64	4.89	1.66	22.02	9.58	5.89	1.65	21.78	9.51	6.87	1.64	21.52	9.57	7.87	1.65	21.76
	6	15	3.51	3.51	0.50	1.85	4.46	4.46	0.64	3.36	5.43	5.43	0.78	5.66	6.48	6.48	0.93	8.19	7.53	7.53	1.08	10.55
		17	3.84	3.33	0.55	2.26	4.55	4.40	0.65	3.57	5.44	5.44	0.78	5.68	6.49	6.49	0.93	8.21	7.54	7.54	1.08	10.58
		19	-	-	-	-	6.10	4.17	0.88	7.31	6.47	5.27	0.93	8.13	7.06	6.39	1.01	9.46	7.77	7.49	1.11	11.13
		20	-	-	-	-	8.12	4.31	1.17	11.98	8.05	5.31	1.16	11.81	8.16	6.33	1.17	12.06	8.53	7.40	1.22	13.03
11	3	15	3.84	3.84	1.09	10.74	4.88	4.88	1.39	16.16	5.89	5.89	1.68	22.36	6.89	6.89	1.97	29.25	7.87	7.87	2.26	37.10
		17	4.65	3.76	1.33	14.97	5.11	4.84	1.46	17.48	5.89	5.89	1.68	22.38	6.90	6.90	1.97	29.32	7.88	7.88	2.26	37.20
		19	-	-	-	-	7.87	4.83	2.26	37.06	7.81	5.83	2.24	36.57	7.86	6.83	2.25	36.95	8.21	7.86	2.36	40.11
		20	-	-	-	-	9.59	4.87	2.76	52.60	9.53	5.86	2.74	52.00	9.47	6.85	2.73	51.41	9.39	7.82	2.68	50.04
	4	15	3.32	3.32	0.71	4.56	4.38	4.38	0.94	8.26	5.44	5.44	1.16	11.90	6.46	6.46	1.38	15.96	7.46	7.46	1.60	20.42
		17	3.56	3.23	0.76	5.44	4.43	4.38	0.95	8.40	5.44	5.44	1.17	11.93	6.47	6.47	1.39	15.99	7.47	7.47	1.60	20.47
		19	-	-	-	-	6.46	4.30	1.38	15.94	6.55	5.33	1.40	16.33	6.96	6.39	1.49	18.13	7.59	7.46	1.63	21.03
		20	-	-	-	-	8.27	4.36	1.77	24.33	8.21	5.36	1.76	24.05	8.17	6.35	1.75	23.85	8.38	7.38	1.80	24.94
	5	15	2.96	2.96	0.51	1.89	3.90	3.90	0.67	3.96	4.94	4.94	0.85	6.90	6.00	6.00	1.03	9.67	7.02	7.02	1.21	12.65
		17	3.04	2.90	0.52	2.02	3.90	3.90	0.67	3.97	4.94	4.94	0.85	6.92	6.01	6.01	1.03	9.69	7.02	7.02	1.20	12.55
		19	-	-	-	-	4.89	3.70	0.84	6.78	5.49	4.84	0.94	8.30	6.22	5.96	1.07	10.27	7.05	7.03	1.21	12.64
		20	-	-	-	-	6.74	3.80	1.16	11.76	6.71	4.81	1.16	11.67	7.02	5.87	1.21	12.61	7.52	6.94	1.29	14.09
	6	15	2.50	2.50	0.36	1.16	3.54	3.54	0.51	1.89	4.48	4.48	0.64	3.55	5.47	5.47	0.78	5.82	6.53	6.53	0.93	8.12
		17	2.52	2.50	0.36	1.16	3.54	3.54	0.51	1.90	4.48	4.48	0.64	3.56	5.48	5.48	0.78	5.84	6.54	6.54	0.94	8.14
		19	-	-	-	-	3.97	3.29	0.57	2.58	4.67	4.38	0.67	3.99	5.53	5.47	0.79	5.95	6.55	6.54	0.94	8.15
		20	-	-	-	-	4.83	3.13	0.69	4.38	5.26	4.22	0.75	5.33	5.96	5.37	0.85	6.91	6.76	6.49	0.97	8.61

(Continued)

MDKT3-12S/12H/12U																						
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	2.79	2.79	0.80	6.14	3.86	3.86	1.11	10.83	4.90	4.90	1.41	16.23	5.90	5.90	1.70	22.38	6.88	6.88	1.97	28.83
		17	2.79	2.79	0.80	6.18	3.87	3.87	1.11	10.85	4.90	4.90	1.41	16.26	5.91	5.91	1.70	22.43	6.89	6.89	1.97	28.90
		19	-	-	-	-	5.03	3.77	1.45	17.00	5.37	4.84	1.54	18.98	5.98	5.91	1.72	22.91	6.90	6.90	1.97	28.98
		20	-	-	-	-	6.78	3.81	1.94	28.01	6.71	4.80	1.92	27.57	6.81	5.83	1.95	28.27	7.21	6.87	2.06	31.25
	4	15	2.38	2.38	0.51	1.95	3.35	3.35	0.72	4.86	4.41	4.41	0.95	8.22	5.46	5.46	1.17	11.79	6.48	6.48	1.40	15.95
		17	2.37	2.37	0.51	1.94	3.35	3.35	0.72	4.88	4.42	4.42	0.95	8.24	5.46	5.46	1.17	11.82	6.49	6.49	1.40	15.99
		19	-	-	-	-	3.75	3.24	0.80	6.19	4.56	4.39	0.98	8.69	5.47	5.47	1.17	11.84	6.50	6.50	1.40	16.03
		20	-	-	-	-	5.17	3.24	1.11	10.72	5.37	4.30	1.15	11.44	5.89	5.39	1.26	13.44	6.60	6.48	1.42	16.47
	5	15	1.92	1.92	0.33	1.02	2.96	2.96	0.51	1.92	3.91	3.91	0.67	4.09	4.97	4.97	0.85	6.87	6.02	6.02	1.03	9.51
		17	1.92	1.92	0.33	1.02	2.96	2.96	0.51	1.93	3.91	3.91	0.67	4.10	4.97	4.97	0.85	6.88	6.03	6.03	1.03	9.53
		19	-	-	-	-	3.08	2.87	0.53	2.16	3.93	3.91	0.67	4.14	4.98	4.98	0.85	6.90	6.04	6.04	1.04	9.56
		20	-	-	-	-	3.58	2.67	0.61	3.25	4.26	3.79	0.73	5.05	5.12	4.94	0.88	7.23	6.05	6.04	1.04	9.59
	6	15	1.41	1.41	0.20	0.61	2.52	2.52	0.36	1.10	3.53	3.53	0.51	1.94	4.49	4.49	0.64	3.67	5.52	5.52	0.79	5.95
		17	1.41	1.41	0.20	0.61	2.53	2.53	0.36	1.10	3.54	3.54	0.51	1.94	4.49	4.49	0.64	3.68	5.52	5.52	0.79	5.97
		19	-	-	-	-	2.56	2.50	0.37	1.12	3.54	3.54	0.51	1.94	4.50	4.50	0.64	3.69	5.53	5.53	0.79	5.99
		20	-	-	-	-	2.84	2.34	0.41	1.25	3.68	3.45	0.53	2.15	4.52	4.49	0.65	3.74	5.53	5.53	0.79	5.99
15	3	15	1.78	1.78	0.51	1.96	2.80	2.80	0.80	6.09	3.87	3.87	1.10	10.56	4.90	4.90	1.41	16.03	5.89	5.89	1.68	21.74
		17	1.78	1.78	0.51	1.96	2.80	2.80	0.80	6.11	3.87	3.87	1.11	10.59	4.91	4.91	1.41	16.07	5.90	5.90	1.69	21.79
		19	-	-	-	-	2.85	2.79	0.81	6.28	3.87	3.86	1.11	10.59	4.92	4.92	1.41	16.11	5.91	5.91	1.69	21.85
		20	-	-	-	-	3.62	2.71	1.03	9.42	4.17	3.82	1.19	12.02	4.95	4.91	1.42	16.29	5.91	5.91	1.69	21.88
	4	15	1.33	1.33	0.28	0.85	2.37	2.37	0.51	1.98	3.36	3.36	0.72	4.95	4.44	4.44	0.95	8.18	5.48	5.48	1.18	11.82
		17	1.33	1.33	0.29	0.85	2.37	2.37	0.51	1.99	3.36	3.36	0.72	4.96	4.44	4.44	0.95	8.20	5.49	5.49	1.18	11.85
		19	-	-	-	-	2.37	2.36	0.51	1.99	3.37	3.37	0.72	4.98	4.45	4.45	0.95	8.22	5.50	5.50	1.18	11.88
		20	-	-	-	-	2.56	2.25	0.55	2.46	3.42	3.35	0.73	5.13	4.45	4.44	0.95	8.21	5.50	5.50	1.19	11.89
	5	15	0.79	0.79	0.14	0.40	1.95	1.95	0.34	0.99	2.97	2.97	0.51	2.04	3.94	3.94	0.68	4.33	5.01	5.01	0.86	6.92
		17	0.80	0.80	0.14	0.40	1.95	1.95	0.34	0.99	2.97	2.97	0.51	2.04	3.95	3.95	0.68	4.34	5.02	5.02	0.87	6.94
		19	-	-	-	-	1.95	1.95	0.34	0.99	2.97	2.97	0.51	2.05	3.95	3.95	0.68	4.36	5.03	5.03	0.87	6.95
		20	-	-	-	-	2.00	1.91	0.34	1.01	2.97	2.97	0.51	2.05	3.95	3.95	0.68	4.37	5.03	5.03	0.87	6.96
	6	15	-	-	-	-	1.44	1.44	0.21	0.60	2.56	2.56	0.37	1.07	3.55	3.55	0.51	2.04	4.51	4.51	0.65	3.88
		17	-	-	-	-	1.45	1.45	0.21	0.60	2.56	2.56	0.37	1.07	3.55	3.55	0.51	2.05	4.52	4.52	0.65	3.90
		19	-	-	-	-	1.45	1.45	0.21	0.60	2.56	2.56	0.37	1.07	3.56	3.56	0.51	2.06	4.53	4.53	0.65	3.91
		20	-	-	-	-	1.44	1.44	0.21	0.60	2.56	2.56	0.37	1.07	3.56	3.56	0.51	2.06	4.53	4.53	0.65	3.92

Abbreviations:

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

Heating Capacity Table

MDKT3-12S/12H/12U													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	10.73	1.16	10.17	9.54	1.03	8.31	8.33	0.90	6.57	7.12	0.77	5.03
	10	9.86	0.85	6.02	8.63	0.74	4.80	7.38	0.64	3.68	6.08	0.53	2.64
	12	8.88	0.64	3.73	7.57	0.55	2.83	6.28	0.45	1.88	5.11	0.37	1.08
	14	7.74	0.48	2.11	6.53	0.40	1.36	5.35	0.33	0.81	4.02	0.25	0.54
	16	6.81	0.37	1.05	5.57	0.30	0.69	4.17	0.23	0.51	2.59	0.14	0.32
45	8	13.68	1.48	15.09	12.48	1.35	12.83	11.30	1.22	10.81	10.13	1.09	8.95
	10	12.91	1.11	9.29	11.70	1.01	7.86	10.50	0.91	6.53	9.30	0.80	5.30
	12	12.07	0.87	6.12	10.84	0.78	5.09	9.60	0.69	4.14	8.34	0.60	3.27
	14	11.12	0.69	4.11	9.84	0.61	3.34	8.53	0.53	2.61	7.21	0.44	1.86
	16	10.04	0.54	2.77	8.72	0.47	2.09	7.45	0.40	1.43	6.27	0.34	0.89
50	8	16.59	1.79	20.55	15.40	1.66	18.06	14.22	1.53	15.72	13.05	1.41	13.54
	10	15.89	1.37	13.05	14.69	1.27	11.39	13.50	1.17	9.84	12.31	1.06	8.40
	12	15.12	1.09	8.75	13.91	1.00	7.58	12.70	0.91	6.49	11.49	0.83	5.46
	14	14.29	0.88	6.13	13.06	0.80	5.26	11.82	0.73	4.44	10.58	0.65	3.67
	16	13.38	0.72	4.39	12.13	0.65	3.72	10.85	0.59	3.08	9.53	0.51	2.48
55	8	19.50	2.10	26.73	18.30	1.97	23.92	17.12	1.85	21.39	15.95	1.72	18.88
	10	18.83	1.62	17.09	17.63	1.52	15.24	16.43	1.42	13.49	15.25	1.32	11.90
	12	18.11	1.30	11.69	16.90	1.21	10.38	15.70	1.13	9.14	14.51	1.04	7.97
	14	17.36	1.07	8.39	16.14	1.00	7.40	14.93	0.92	6.47	13.71	0.85	5.59
	16	16.55	0.89	6.17	15.30	0.83	5.38	14.07	0.76	4.66	12.82	0.69	3.98
60	8	22.41	2.42	33.64	21.20	2.29	30.45	20.00	2.15	27.43	18.80	2.03	24.64
	10	21.77	1.88	21.67	20.55	1.78	19.62	19.35	1.67	17.66	18.16	1.57	15.81
	12	21.08	1.52	14.97	19.87	1.43	13.50	18.67	1.34	12.11	17.47	1.26	10.80
	14	20.36	1.25	10.79	19.14	1.18	9.70	17.93	1.10	8.66	16.73	1.03	7.68
	16	19.61	1.06	8.08	18.39	0.99	7.23	17.16	0.93	6.42	15.94	0.86	5.66

Abbreviations:

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

Cooling Capacity Table

MDKT3-14S/14H																							
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	10.27	7.82	2.97	67.58	10.22	8.94	2.95	66.96	10.44	10.08	2.99	68.69	11.21	11.21	3.22	77.88	12.32	12.32	3.56	93.03	
		17	13.59	7.85	3.92	109.65	13.54	8.98	3.92	109.54	13.46	10.09	3.90	108.74	13.39	11.19	3.88	107.72	13.36	12.28	3.87	107.29	
		19	-	-	-	-	17.09	9.00	4.93	163.67	17.00	10.12	4.90	162.10	16.90	11.22	4.88	160.53	16.81	12.31	4.85	159.00	
		20	-	-	-	-	18.97	9.02	5.47	196.54	18.87	10.13	5.44	194.65	18.77	11.23	5.41	192.82	18.67	12.33	5.39	191.07	
	4	15	9.05	7.25	1.94	32.41	9.23	8.42	1.98	33.56	9.78	9.61	2.10	37.09	10.75	10.75	2.31	43.75	11.86	11.86	2.55	51.86	
		17	12.49	7.33	2.70	57.17	12.42	8.46	2.68	56.61	12.34	9.57	2.66	55.70	12.30	10.67	2.65	55.37	12.52	11.82	2.70	57.41	
		19	-	-	-	-	16.03	8.51	3.47	88.38	15.95	9.63	3.45	87.53	15.83	10.72	3.40	85.42	15.76	11.82	3.40	85.42	
		20	-	-	-	-	17.91	8.52	3.86	106.38	17.83	9.65	3.86	106.31	17.75	10.76	3.84	105.67	17.65	11.85	3.82	104.66	
	5	15	7.87	6.68	1.36	17.48	8.38	7.92	1.44	19.49	9.17	9.12	1.57	22.57	10.27	10.27	1.76	27.40	11.39	11.39	1.96	33.01	
		17	11.25	6.77	1.94	32.26	11.19	7.90	1.93	31.94	11.13	9.02	1.92	31.67	11.32	10.17	1.95	32.59	11.78	11.35	2.03	34.93	
		19	-	-	-	-	14.86	7.98	2.56	51.96	14.78	9.10	2.55	51.49	14.71	10.21	2.54	51.17	14.61	11.30	2.51	50.26	
		20	-	-	-	-	16.78	8.01	2.88	63.91	16.69	9.13	2.87	63.39	16.61	10.24	2.86	63.03	16.52	11.34	2.85	62.46	
	6	15	6.74	6.07	0.96	9.63	7.59	7.38	1.09	12.01	8.61	8.61	1.24	14.90	9.76	9.76	1.40	18.33	10.89	10.89	1.56	22.11	
		17	9.82	6.14	1.40	18.46	9.75	7.27	1.39	18.25	9.94	8.45	1.42	18.86	10.41	9.66	1.49	20.43	11.09	10.86	1.59	22.80	
		19	-	-	-	-	13.60	7.42	1.95	32.49	13.52	8.55	1.94	32.18	13.45	9.66	1.93	31.87	13.39	10.76	1.92	31.63	
		20	-	-	-	-	15.57	7.47	2.24	41.02	15.48	8.60	2.22	40.63	15.40	9.71	2.21	40.25	15.29	10.80	2.19	39.50	
7	3	15	7.75	6.65	2.24	40.86	8.11	7.83	2.33	43.87	8.99	8.99	2.58	52.47	10.11	10.11	2.91	64.41	11.21	11.21	3.23	77.06	
		17	11.10	6.69	3.20	75.70	11.03	7.82	3.18	74.89	10.96	8.94	3.16	74.10	11.00	10.06	3.17	74.51	11.39	11.20	3.28	79.28	
		19	-	-	-	-	14.63	7.86	4.24	123.82	14.56	8.99	4.24	123.86	14.48	10.10	4.22	122.70	14.40	11.19	4.19	121.52	
		20	-	-	-	-	16.54	7.89	4.83	155.35	16.45	9.01	4.80	153.91	16.36	10.12	4.77	152.41	16.27	11.22	4.75	150.91	
	4	15	6.74	6.13	1.45	19.33	7.46	7.36	1.60	23.01	8.53	8.53	1.85	29.27	9.64	9.64	2.08	35.82	10.76	10.76	2.33	43.71	
		17	9.86	6.15	2.12	37.17	9.80	7.28	2.11	36.77	9.82	8.42	2.11	36.89	10.16	9.59	2.19	39.14	10.83	10.77	2.34	44.17	
		19	-	-	-	-	13.47	7.36	2.91	64.21	13.40	8.48	2.90	63.66	13.33	9.60	2.89	63.33	13.25	10.69	2.87	62.65	
		20	-	-	-	-	15.40	7.39	3.33	81.08	15.31	8.51	3.31	80.29	15.22	9.62	3.29	79.49	15.14	10.72	3.27	78.67	
	5	15	5.84	5.58	1.00	10.33	6.85	6.85	1.18	13.56	8.02	8.02	1.38	17.72	9.16	9.16	1.58	22.27	10.30	10.30	1.78	27.41	
		17	8.45	5.55	1.45	19.34	8.45	6.70	1.45	19.34	8.81	7.91	1.52	20.78	9.43	9.12	1.62	23.37	10.32	10.31	1.78	27.49	
		19	-	-	-	-	12.18	6.81	2.10	36.28	12.11	7.93	2.09	35.91	12.04	9.05	2.07	35.53	12.06	10.17	2.08	35.65	
		20	-	-	-	-	14.16	6.86	2.45	47.43	14.08	7.99	2.44	46.96	14.00	9.10	2.42	46.51	13.92	10.20	2.41	46.06	
	6	15	5.15	5.07	0.74	5.18	6.26	6.26	0.90	8.32	7.47	7.47	1.07	11.49	8.65	8.65	1.24	14.73	9.80	9.80	1.41	18.28	
		17	6.73	4.85	0.96	9.56	7.19	6.11	1.03	10.72	7.89	7.39	1.13	12.59	8.76	8.63	1.26	15.03	9.81	9.81	1.41	18.32	
		19	-	-	-	-	10.76	6.23	1.55	21.39	10.69	7.35	1.54	21.15	10.71	8.49	1.54	21.22	11.02	9.67	1.58	22.28	
		20	-	-	-	-	12.78	6.29	1.83	28.62	12.70	7.42	1.82	28.33	12.62	8.53	1.81	28.04	12.57	9.65	1.81	27.93	

(Continued)

MDKT3-14S/14H																						
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	5.69	5.56	1.63	23.42	6.75	6.75	1.95	31.84	7.87	7.87	2.26	41.06	8.99	8.99	2.59	51.72	10.10	10.10	2.91	63.34
		17	8.42	5.53	2.44	46.68	8.35	6.66	2.42	46.06	8.52	7.83	2.47	47.70	9.07	8.99	2.61	52.53	10.11	10.11	2.91	63.49
		19	-	-	-	-	11.99	6.72	3.49	86.71	11.92	7.84	3.46	85.79	11.82	8.95	3.41	83.49	11.75	10.05	3.39	82.60
		20	-	-	-	-	13.90	6.74	4.05	112.50	13.82	7.87	4.02	111.38	13.71	8.97	3.96	108.50	13.63	10.07	3.94	107.40
	4	15	5.05	5.05	1.09	11.68	6.24	6.24	1.34	16.76	7.40	7.40	1.60	22.49	8.53	8.53	1.84	28.58	9.65	9.65	2.08	35.35
		17	6.98	4.95	1.51	20.28	7.15	6.13	1.54	21.19	7.71	7.36	1.67	24.23	8.55	8.54	1.84	28.67	9.66	9.66	2.08	35.44
		19	-	-	-	-	10.72	6.20	2.32	42.72	10.65	7.32	2.31	42.27	10.58	8.44	2.29	41.79	10.74	9.58	2.33	42.88
		20	-	-	-	-	12.66	6.23	2.75	57.06	12.58	7.36	2.73	56.49	12.51	8.48	2.71	55.90	12.43	9.58	2.70	55.30
	5	15	4.47	4.47	0.77	5.92	5.69	5.69	0.98	9.74	6.89	6.89	1.19	13.46	8.05	8.05	1.39	17.56	9.18	9.18	1.58	22.03
		17	5.42	4.30	0.93	8.95	6.12	5.60	1.05	11.02	7.01	6.88	1.21	13.96	8.06	8.05	1.39	17.60	9.20	9.20	1.58	22.08
		19	-	-	-	-	9.24	5.61	1.59	22.19	9.17	6.74	1.58	21.92	9.36	7.91	1.61	22.74	9.83	9.11	1.69	24.72
		20	-	-	-	-	11.25	5.67	1.94	31.15	11.18	6.80	1.93	30.82	11.11	7.92	1.91	30.47	11.12	9.05	1.92	30.55
	6	15	4.04	4.04	0.58	2.79	5.12	5.12	0.73	5.31	6.32	6.32	0.91	8.48	7.53	7.53	1.08	11.44	8.69	8.69	1.25	14.62
		17	4.42	3.81	0.63	3.59	5.27	5.06	0.76	5.71	6.34	6.33	0.91	8.52	7.54	7.54	1.08	11.47	8.70	8.70	1.25	14.65
		19	-	-	-	-	7.48	4.94	1.07	11.29	7.74	6.15	1.11	11.98	8.31	7.40	1.19	13.52	9.04	8.64	1.30	15.62
		20	-	-	-	-	9.67	5.07	1.39	17.50	9.60	6.20	1.38	17.28	9.63	7.34	1.38	17.38	9.98	8.54	1.43	18.47
11	3	15	4.43	4.43	1.27	14.98	5.60	5.60	1.60	22.24	6.74	6.74	1.93	30.61	7.88	7.88	2.27	40.60	9.00	9.00	2.59	51.09
		17	5.43	4.33	1.55	21.07	5.90	5.55	1.69	24.34	6.75	6.74	1.93	30.65	7.89	7.89	2.27	40.70	9.01	9.01	2.59	51.22
		19	-	-	-	-	9.11	5.56	2.62	52.21	9.05	6.68	2.61	51.56	9.06	7.82	2.61	51.71	9.41	8.98	2.71	55.04
		20	-	-	-	-	11.04	5.58	3.19	73.10	10.97	6.71	3.17	72.30	10.91	7.83	3.15	71.50	10.83	8.94	3.12	70.65
	4	15	3.85	3.85	0.82	7.06	5.08	5.08	1.09	11.51	6.26	6.26	1.34	16.43	7.41	7.41	1.59	21.93	8.55	8.55	1.83	28.02
		17	4.23	3.77	0.91	8.41	5.16	5.07	1.11	11.82	6.27	6.27	1.34	16.45	7.42	7.42	1.59	21.99	8.56	8.56	1.84	28.09
		19	-	-	-	-	7.61	4.98	1.63	22.89	7.65	6.14	1.64	23.12	8.06	7.34	1.73	25.30	8.73	8.54	1.87	29.08
		20	-	-	-	-	9.65	5.05	2.08	34.83	9.59	6.18	2.07	34.43	9.52	7.31	2.05	34.03	9.71	8.46	2.09	35.18
	5	15	3.38	3.38	0.58	2.93	4.51	4.51	0.78	6.21	5.74	5.74	0.99	9.74	6.92	6.92	1.19	13.27	8.08	8.08	1.39	17.44
		17	3.48	3.31	0.60	3.17	4.52	4.51	0.78	6.22	5.75	5.75	0.99	9.76	6.93	6.93	1.19	13.30	8.09	8.09	1.39	17.48
		19	-	-	-	-	5.93	4.35	1.02	10.27	6.49	5.62	1.12	11.98	7.23	6.86	1.24	14.29	8.15	8.09	1.40	17.67
		20	-	-	-	-	8.04	4.45	1.38	17.22	7.97	5.59	1.37	16.99	8.23	6.78	1.42	17.96	8.76	7.99	1.51	19.97
	6	15	2.93	2.93	0.42	1.48	4.05	4.05	0.58	2.94	5.16	5.16	0.74	5.51	6.37	6.37	0.91	8.45	7.57	7.57	1.08	11.31
		17	2.95	2.91	0.42	1.49	4.05	4.05	0.58	2.94	5.16	5.16	0.74	5.53	6.38	6.38	0.91	8.47	7.58	7.58	1.08	11.33
		19	-	-	-	-	4.60	3.78	0.66	4.17	5.45	5.06	0.78	6.26	6.48	6.36	0.93	8.69	7.59	7.58	1.09	11.35
		20	-	-	-	-	5.89	3.69	0.84	7.32	6.36	4.96	0.91	8.38	7.08	6.24	1.01	10.08	7.91	7.51	1.13	12.17

(Continued)

MDKT3-14S/14H																						
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	3.25	3.25	0.93	8.74	4.45	4.45	1.28	14.96	5.62	5.62	1.61	22.28	6.75	6.75	1.93	30.21	7.87	7.87	2.25	39.54
		17	3.27	3.24	0.94	8.86	4.46	4.46	1.28	14.99	5.62	5.62	1.62	22.33	6.76	6.76	1.93	30.28	7.88	7.88	2.26	39.65
		19	-	-	-	-	5.90	4.35	1.70	24.21	6.21	5.55	1.78	26.38	6.86	6.75	1.96	31.08	7.89	7.89	2.26	39.76
		20	-	-	-	-	7.88	4.39	2.25	39.55	7.81	5.52	2.23	38.92	7.87	6.67	2.25	39.53	8.29	7.85	2.38	43.44
	4	15	2.72	2.72	0.59	3.05	3.89	3.89	0.83	7.17	5.11	5.11	1.09	11.43	6.29	6.29	1.36	16.45	7.43	7.43	1.60	21.90
		17	2.72	2.71	0.58	3.04	3.89	3.89	0.83	7.19	5.11	5.11	1.10	11.45	6.30	6.30	1.36	16.48	7.44	7.44	1.60	21.95
		19	-	-	-	-	4.49	3.78	0.96	9.18	5.33	5.07	1.14	12.27	6.31	6.31	1.36	16.55	7.45	7.45	1.61	22.01
		20	-	-	-	-	6.22	3.80	1.34	16.10	6.35	4.98	1.37	16.67	6.87	6.21	1.48	19.12	7.60	7.43	1.64	22.79
	5	15	2.25	2.25	0.39	1.29	3.38	3.38	0.58	3.01	4.54	4.54	0.78	6.30	5.77	5.77	0.99	9.59	6.94	6.94	1.19	13.16
		17	2.25	2.25	0.39	1.30	3.39	3.39	0.58	3.02	4.55	4.55	0.78	6.32	5.77	5.77	0.99	9.62	6.95	6.95	1.19	13.19
		19	-	-	-	-	3.55	3.28	0.61	3.44	4.58	4.54	0.79	6.42	5.78	5.78	0.99	9.63	6.96	6.96	1.19	13.22
		20	-	-	-	-	4.24	3.10	0.73	5.43	5.08	4.43	0.87	7.74	6.01	5.72	1.03	10.27	6.99	6.96	1.20	13.32
	6	15	1.68	1.68	0.24	0.79	2.95	2.95	0.42	1.43	4.05	4.05	0.58	3.04	5.20	5.20	0.74	5.72	6.42	6.42	0.92	8.43
		17	1.68	1.68	0.24	0.79	2.95	2.95	0.42	1.43	4.06	4.06	0.58	3.04	5.20	5.20	0.74	5.73	6.43	6.43	0.92	8.45
		19	-	-	-	-	3.01	2.91	0.43	1.47	4.06	4.05	0.58	3.05	5.21	5.21	0.75	5.75	6.44	6.44	0.92	8.47
		20	-	-	-	-	3.35	2.71	0.48	1.83	4.23	3.95	0.61	3.41	5.26	5.20	0.75	5.86	6.44	6.43	0.92	8.47
15	3	15	2.04	2.04	0.58	3.08	3.26	3.26	0.93	8.55	4.46	4.46	1.28	14.81	5.61	5.61	1.60	21.65	6.74	6.74	1.93	29.76
		17	2.04	2.04	0.58	3.09	3.26	3.26	0.93	8.57	4.47	4.47	1.28	14.84	5.62	5.62	1.60	21.70	6.75	6.75	1.93	29.84
		19	-	-	-	-	3.34	3.24	0.95	8.94	4.47	4.45	1.28	14.83	5.62	5.62	1.61	21.76	6.76	6.76	1.93	29.91
		20	-	-	-	-	4.31	3.15	1.23	13.74	4.88	4.40	1.40	17.23	5.67	5.62	1.62	22.10	6.77	6.77	1.93	29.95
	4	15	1.56	1.56	0.33	1.08	2.72	2.72	0.58	3.12	3.92	3.92	0.84	7.19	5.14	5.14	1.11	11.48	6.30	6.30	1.36	16.27
		17	1.56	1.56	0.34	1.08	2.72	2.72	0.58	3.13	3.93	3.93	0.84	7.20	5.15	5.15	1.11	11.51	6.31	6.31	1.36	16.30
		19	-	-	-	-	2.72	2.71	0.58	3.13	3.93	3.93	0.84	7.22	5.15	5.15	1.11	11.54	6.32	6.32	1.36	16.35
		20	-	-	-	-	2.97	2.59	0.64	3.98	4.02	3.90	0.86	7.50	5.15	5.14	1.11	11.53	6.32	6.32	1.36	16.35
	5	15	0.96	0.96	0.17	0.52	2.28	2.28	0.39	1.27	3.40	3.40	0.59	3.21	4.59	4.59	0.79	6.47	5.81	5.81	1.00	9.63
		17	0.96	0.96	0.17	0.52	2.28	2.28	0.39	1.27	3.40	3.40	0.59	3.22	4.60	4.60	0.79	6.48	5.81	5.81	1.00	9.65
		19	-	-	-	-	2.28	2.28	0.39	1.27	3.41	3.41	0.59	3.23	4.61	4.61	0.79	6.50	5.82	5.82	1.00	9.68
		20	-	-	-	-	2.36	2.22	0.41	1.33	3.41	3.41	0.59	3.24	4.61	4.61	0.79	6.51	5.83	5.83	1.00	9.69
	6	15	-	-	-	-	1.72	1.72	0.25	0.77	2.98	2.98	0.43	1.44	4.07	4.07	0.58	3.22	5.25	5.25	0.75	5.90
		17	-	-	-	-	1.72	1.72	0.25	0.77	2.98	2.98	0.43	1.45	4.08	4.08	0.59	3.23	5.26	5.26	0.76	5.92
		19	-	-	-	-	1.72	1.72	0.25	0.77	2.99	2.99	0.43	1.45	4.08	4.08	0.59	3.24	5.27	5.27	0.76	5.93
		20	-	-	-	-	1.72	1.72	0.25	0.77	2.98	2.98	0.43	1.45	4.08	4.08	0.59	3.25	5.27	5.27	0.76	5.94

Abbreviations:

EWT: Enter Water Temp. (°C) ΔT : Temperature Difference. (°C) DB: Dry Bulb Temp. (°C)

WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW)

WPD: Water Pressure Drop. (kPa)

Heating Capacity Table

MDKT3-14S/14H													
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	12.44	1.35	14.26	11.09	1.20	11.68	9.72	1.05	9.32	8.33	0.90	7.13
	10	11.49	0.99	8.51	10.11	0.87	6.82	8.69	0.75	5.27	7.23	0.62	3.86
	12	10.46	0.75	5.35	8.99	0.65	4.14	7.47	0.54	2.99	5.98	0.43	1.79
	14	9.22	0.57	3.32	7.68	0.47	2.24	6.27	0.39	1.31	4.83	0.30	0.73
	16	7.98	0.43	1.73	6.59	0.36	1.04	5.04	0.27	0.67	3.21	0.17	0.43
45	8	15.81	1.70	20.96	14.45	1.56	17.94	13.11	1.42	15.21	11.75	1.27	12.54
	10	14.97	1.29	13.03	13.60	1.17	11.04	12.23	1.05	9.19	10.85	0.94	7.49
	12	14.07	1.01	8.63	12.67	0.91	7.21	11.26	0.81	5.89	9.83	0.71	4.68
	14	13.05	0.80	5.84	11.60	0.71	4.78	10.12	0.62	3.80	8.59	0.53	2.88
	16	11.91	0.64	4.03	10.38	0.56	3.19	8.82	0.48	2.33	7.34	0.40	1.48
50	8	19.15	2.06	28.65	17.80	1.92	25.32	16.44	1.78	22.06	15.09	1.63	18.91
	10	18.38	1.59	18.23	17.01	1.47	15.93	15.64	1.35	13.78	14.28	1.23	11.77
	12	17.54	1.26	12.26	16.15	1.16	10.64	14.77	1.06	9.12	13.38	0.96	7.70
	14	16.63	1.03	8.63	15.23	0.94	7.42	13.82	0.85	6.28	12.40	0.76	5.22
	16	15.65	0.84	6.22	14.21	0.77	5.28	12.76	0.69	4.39	11.29	0.61	3.58
55	8	22.49	2.43	37.31	21.12	2.28	33.42	19.77	2.13	29.66	18.40	1.98	26.20
	10	21.74	1.87	23.84	20.37	1.76	21.27	19.00	1.64	18.84	17.64	1.52	16.56
	12	20.97	1.51	16.40	19.58	1.41	14.57	18.19	1.31	12.79	16.82	1.21	11.17
	14	20.13	1.24	11.75	18.74	1.16	10.38	17.34	1.07	9.08	15.95	0.98	7.87
	16	19.24	1.04	8.67	17.82	0.96	7.60	16.41	0.89	6.60	15.00	0.81	5.66
60	8	25.82	2.79	46.82	24.44	2.63	42.30	23.06	2.49	38.31	21.70	2.34	34.42
	10	25.10	2.16	30.08	23.72	2.05	27.34	22.35	1.93	24.63	20.98	1.81	22.06
	12	24.35	1.75	20.81	22.97	1.65	18.78	21.59	1.55	16.92	20.21	1.45	15.09
	14	23.56	1.45	15.08	22.16	1.36	13.56	20.77	1.28	12.12	19.39	1.19	10.76
	16	22.73	1.23	11.32	21.33	1.15	10.14	19.93	1.08	9.01	18.51	1.00	7.95

Abbreviations:

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

Cooling Capacity Table

MDKT3-14U																							
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	10.28	7.82	2.97	67.63	10.22	8.95	2.95	67.01	10.45	10.09	2.99	68.76	11.22	11.22	3.22	78.00	12.33	12.33	3.57	93.18	
		17	13.60	7.85	3.92	109.64	13.54	8.98	3.92	109.54	13.47	10.10	3.90	108.85	13.40	11.20	3.88	107.83	13.37	12.30	3.87	107.41	
		19	-	-	-	-	17.10	9.01	4.93	163.86	17.01	10.12	4.91	162.29	16.91	11.23	4.88	160.71	16.82	12.32	4.85	159.20	
		20	-	-	-	-	18.99	9.02	5.48	196.79	18.88	10.14	5.45	194.92	18.78	11.24	5.42	193.07	18.68	12.34	5.39	191.32	
	4	15	9.05	7.25	1.94	32.41	9.23	8.42	1.98	33.57	9.78	9.62	2.10	37.12	10.76	10.76	2.31	43.80	11.87	11.87	2.55	51.94	
		17	12.50	7.34	2.70	57.20	12.43	8.46	2.68	56.64	12.34	9.57	2.66	55.74	12.30	10.68	2.65	55.40	12.53	11.82	2.71	57.46	
		19	-	-	-	-	16.04	8.52	3.47	88.46	15.96	9.63	3.45	87.62	15.87	10.74	3.43	86.80	15.78	11.84	3.41	85.98	
		20	-	-	-	-	17.92	8.53	3.86	106.48	17.84	9.65	3.86	106.30	17.76	10.77	3.85	105.77	17.66	11.86	3.83	104.77	
	5	15	7.86	6.68	1.35	17.47	8.38	7.92	1.44	19.49	9.17	9.13	1.57	22.58	10.27	10.27	1.76	27.43	11.40	11.40	1.97	33.04	
		17	11.26	6.78	1.94	32.26	11.19	7.90	1.93	31.94	11.13	9.03	1.92	31.67	11.32	10.18	1.95	32.60	11.78	11.36	2.03	34.96	
		19	-	-	-	-	14.87	7.98	2.56	51.97	14.79	9.11	2.55	51.51	14.71	10.22	2.54	51.18	14.61	11.31	2.51	50.29	
		20	-	-	-	-	16.78	8.01	2.89	63.96	16.69	9.13	2.87	63.39	16.61	10.25	2.86	63.07	16.53	11.35	2.85	62.50	
	6	15	6.73	6.07	0.96	9.62	7.58	7.38	1.09	12.01	8.61	8.61	1.24	14.91	9.76	9.76	1.40	18.34	10.90	10.90	1.56	22.13	
		17	9.81	6.14	1.40	18.45	9.75	7.27	1.39	18.24	9.93	8.45	1.42	18.85	10.41	9.66	1.49	20.43	11.09	10.87	1.59	22.81	
		19	-	-	-	-	13.60	7.43	1.95	32.49	13.52	8.55	1.94	32.18	13.45	9.66	1.93	31.87	13.39	10.77	1.92	31.63	
		20	-	-	-	-	15.57	7.48	2.24	41.03	15.49	8.60	2.22	40.64	15.40	9.71	2.21	40.26	15.29	10.80	2.19	39.51	
7	3	15	7.76	6.66	2.24	40.85	8.12	7.84	2.33	43.90	9.00	9.00	2.59	52.54	10.12	10.12	2.91	64.53	11.22	11.22	3.23	77.18	
		17	11.10	6.70	3.20	75.75	11.03	7.83	3.18	74.95	10.97	8.94	3.16	74.15	11.00	10.07	3.17	74.57	11.40	11.21	3.28	79.38	
		19	-	-	-	-	14.64	7.87	4.24	123.82	14.57	9.00	4.24	123.85	14.49	10.11	4.22	122.83	14.41	11.20	4.20	121.63	
		20	-	-	-	-	16.55	7.90	4.83	155.56	16.46	9.02	4.80	154.07	16.37	10.13	4.78	152.59	16.28	11.23	4.75	151.09	
	4	15	6.74	6.13	1.45	19.33	7.46	7.36	1.60	23.02	8.54	8.54	1.85	29.30	9.65	9.65	2.08	35.86	10.77	10.77	2.33	43.77	
		17	9.86	6.16	2.12	37.18	9.80	7.29	2.11	36.77	9.82	8.42	2.11	36.91	10.16	9.60	2.19	39.17	10.84	10.78	2.35	44.22	
		19	-	-	-	-	13.48	7.36	2.91	64.25	13.40	8.49	2.90	63.69	13.34	9.60	2.89	63.38	13.26	10.70	2.87	62.68	
		20	-	-	-	-	15.40	7.39	3.33	81.14	15.32	8.52	3.31	80.36	15.23	9.63	3.30	79.56	15.14	10.73	3.28	78.76	
	5	15	5.84	5.58	1.00	10.32	6.85	6.85	1.18	13.57	8.02	8.02	1.38	17.74	9.17	9.17	1.58	22.29	10.31	10.31	1.78	27.44	
		17	8.45	5.56	1.45	19.32	8.45	6.71	1.45	19.33	8.81	7.91	1.52	20.78	9.43	9.13	1.62	23.38	10.32	10.32	1.78	27.52	
		19	-	-	-	-	12.19	6.81	2.10	36.28	12.11	7.94	2.09	35.91	12.04	9.05	2.07	35.54	12.06	10.18	2.08	35.66	
		20	-	-	-	-	14.17	6.87	2.45	47.44	14.09	7.99	2.44	46.98	14.01	9.11	2.42	46.52	13.93	10.21	2.41	46.08	
	6	15	5.15	5.07	0.74	5.18	6.26	6.26	0.90	8.32	7.48	7.48	1.07	11.49	8.65	8.65	1.24	14.73	9.81	9.81	1.41	18.30	
		17	6.72	4.85	0.96	9.54	7.18	6.11	1.03	10.71	7.89	7.39	1.13	12.58	8.76	8.64	1.26	15.04	9.82	9.82	1.41	18.33	
		19	-	-	-	-	10.76	6.23	1.55	21.37	10.69	7.35	1.54	21.14	10.71	8.49	1.54	21.21	11.01	9.67	1.58	22.28	
		20	-	-	-	-	12.77	6.29	1.83	28.62	12.70	7.42	1.82	28.32	12.62	8.54	1.81	28.04	12.57	9.66	1.81	27.94	

(Continued)

MDKT3-14U																						
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	5.69	5.57	1.63	23.43	6.75	6.75	1.95	31.88	7.88	7.88	2.27	41.11	9.00	9.00	2.59	51.79	10.10	10.10	2.91	63.42
		17	8.42	5.54	2.44	46.69	8.36	6.67	2.42	46.07	8.53	7.83	2.47	47.73	9.08	9.00	2.61	52.59	10.12	10.12	2.91	63.58
		19	-	-	-	-	12.00	6.73	3.49	86.78	11.93	7.85	3.47	85.86	11.83	8.95	3.41	83.55	11.76	10.06	3.39	82.67
		20	-	-	-	-	13.90	6.74	4.05	112.60	13.82	7.87	4.03	111.49	13.72	8.98	3.97	108.95	13.64	10.08	3.94	107.51
	4	15	5.06	5.05	1.09	11.68	6.24	6.24	1.35	16.77	7.41	7.41	1.60	22.51	8.54	8.54	1.84	28.61	9.66	9.66	2.08	35.40
		17	6.97	4.95	1.50	20.27	7.15	6.14	1.54	21.18	7.71	7.36	1.67	24.24	8.55	8.55	1.84	28.70	9.67	9.67	2.08	35.48
		19	-	-	-	-	10.72	6.20	2.32	42.72	10.65	7.33	2.31	42.28	10.58	8.45	2.29	41.80	10.74	9.59	2.33	42.91
		20	-	-	-	-	12.66	6.23	2.75	57.09	12.59	7.36	2.73	56.51	12.51	8.48	2.71	55.93	12.43	9.59	2.70	55.33
	5	15	4.47	4.47	0.77	5.92	5.69	5.69	0.98	9.74	6.89	6.89	1.19	13.47	8.05	8.05	1.39	17.58	9.19	9.19	1.58	22.05
		17	5.42	4.30	0.93	8.93	6.12	5.60	1.05	11.02	7.01	6.88	1.21	13.97	8.06	8.06	1.39	17.61	9.20	9.20	1.58	22.10
		19	-	-	-	-	9.23	5.61	1.59	22.18	9.17	6.74	1.58	21.91	9.36	7.91	1.61	22.73	9.83	9.11	1.69	24.72
		20	-	-	-	-	11.25	5.67	1.94	31.15	11.18	6.80	1.93	30.81	11.10	7.92	1.91	30.46	11.12	9.05	1.92	30.55
	6	15	4.04	4.04	0.58	2.79	5.12	5.12	0.73	5.31	6.32	6.32	0.91	8.48	7.53	7.53	1.08	11.45	8.69	8.69	1.25	14.63
		17	4.41	3.81	0.63	3.58	5.27	5.06	0.76	5.70	6.34	6.33	0.91	8.52	7.54	7.54	1.08	11.48	8.71	8.71	1.25	14.66
		19	-	-	-	-	7.47	4.94	1.07	11.27	7.74	6.15	1.11	11.96	8.31	7.40	1.19	13.51	9.04	8.64	1.30	15.62
		20	-	-	-	-	9.67	5.06	1.39	17.48	9.60	6.20	1.38	17.26	9.63	7.35	1.38	17.37	9.98	8.54	1.43	18.46
11	3	15	4.43	4.43	1.27	14.99	5.60	5.60	1.60	22.26	6.75	6.75	1.93	30.64	7.89	7.89	2.27	40.65	9.00	9.00	2.59	51.16
		17	5.43	4.33	1.55	21.06	5.91	5.56	1.69	24.35	6.75	6.75	1.93	30.69	7.90	7.90	2.27	40.75	9.02	9.02	2.60	51.29
		19	-	-	-	-	9.12	5.56	2.63	52.23	9.05	6.69	2.61	51.57	9.07	7.82	2.61	51.74	9.41	8.98	2.70	55.03
		20	-	-	-	-	11.05	5.59	3.19	73.15	10.98	6.72	3.17	72.33	10.91	7.84	3.15	71.55	10.84	8.95	3.13	70.69
	4	15	3.85	3.85	0.82	7.06	5.09	5.09	1.09	11.52	6.27	6.27	1.34	16.44	7.42	7.42	1.59	21.96	8.55	8.55	1.83	28.05
		17	4.23	3.77	0.90	8.40	5.17	5.07	1.11	11.82	6.27	6.27	1.34	16.47	7.43	7.43	1.59	22.01	8.56	8.56	1.84	28.12
		19	-	-	-	-	7.61	4.98	1.63	22.88	7.65	6.14	1.64	23.11	8.06	7.34	1.73	25.30	8.73	8.55	1.87	29.10
		20	-	-	-	-	9.65	5.05	2.08	34.83	9.59	6.19	2.07	34.43	9.52	7.31	2.05	34.03	9.71	8.47	2.09	35.19
	5	15	3.38	3.38	0.58	2.92	4.51	4.51	0.78	6.21	5.74	5.74	0.99	9.74	6.92	6.92	1.19	13.28	8.09	8.09	1.39	17.45
		17	3.48	3.31	0.60	3.17	4.52	4.51	0.78	6.22	5.75	5.75	0.99	9.76	6.93	6.93	1.19	13.31	8.10	8.10	1.40	17.49
		19	-	-	-	-	5.93	4.35	1.02	10.25	6.49	5.62	1.12	11.97	7.23	6.87	1.24	14.29	8.15	8.10	1.40	17.68
		20	-	-	-	-	8.03	4.45	1.38	17.20	7.97	5.59	1.37	16.97	8.23	6.78	1.42	17.95	8.76	8.00	1.51	19.97
	6	15	2.93	2.93	0.42	1.48	4.05	4.05	0.58	2.94	5.16	5.16	0.74	5.51	6.37	6.37	0.91	8.45	7.57	7.57	1.08	11.31
		17	2.95	2.91	0.42	1.49	4.05	4.05	0.58	2.94	5.16	5.16	0.74	5.53	6.38	6.38	0.91	8.47	7.58	7.58	1.08	11.34
		19	-	-	-	-	4.60	3.78	0.66	4.16	5.44	5.06	0.78	6.25	6.48	6.36	0.93	8.69	7.59	7.58	1.09	11.36
		20	-	-	-	-	5.88	3.69	0.84	7.30	6.35	4.96	0.91	8.37	7.08	6.24	1.01	10.07	7.91	7.51	1.13	12.17

(Continued)

MDKT3-14U																						
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	3.25	3.25	0.93	8.74	4.45	4.45	1.28	14.97	5.62	5.62	1.62	22.30	6.75	6.75	1.93	30.25	7.88	7.88	2.25	39.60
		17	3.27	3.24	0.94	8.86	4.46	4.46	1.28	15.00	5.63	5.63	1.62	22.35	6.76	6.76	1.93	30.32	7.89	7.89	2.26	39.7
		19	-	-	-	-	5.90	4.35	1.70	24.20	6.21	5.55	1.78	26.39	6.86	6.75	1.96	31.10	7.90	7.90	2.26	39.83
		20	-	-	-	-	7.88	4.39	2.25	39.55	7.81	5.52	2.23	38.92	7.88	6.68	2.25	39.54	8.29	7.86	2.38	43.47
	4	15	2.72	2.72	0.58	3.04	3.89	3.89	0.83	7.18	5.11	5.11	1.09	11.43	6.29	6.29	1.36	16.46	7.44	7.44	1.60	21.92
		17	2.72	2.71	0.58	3.04	3.89	3.89	0.83	7.19	5.12	5.12	1.10	11.46	6.30	6.30	1.36	16.50	7.45	7.45	1.60	21.98
		19	-	-	-	-	4.49	3.78	0.96	9.17	5.33	5.07	1.14	12.27	6.31	6.31	1.36	16.56	7.46	7.46	1.61	22.03
		20	-	-	-	-	6.21	3.80	1.34	16.08	6.34	4.98	1.37	16.66	6.87	6.21	1.48	19.12	7.61	7.43	1.64	22.80
	5	15	2.25	2.25	0.39	1.29	3.38	3.38	0.58	3.01	4.54	4.54	0.78	6.30	5.77	5.77	0.99	9.60	6.95	6.95	1.19	13.17
		17	2.25	2.25	0.39	1.29	3.38	3.38	0.58	3.01	4.55	4.55	0.78	6.32	5.78	5.78	0.99	9.62	6.96	6.96	1.19	13.20
		19	-	-	-	-	3.55	3.28	0.61	3.43	4.58	4.54	0.79	6.41	5.78	5.78	0.99	9.63	6.97	6.97	1.20	13.23
		20	-	-	-	-	4.23	3.10	0.73	5.42	5.08	4.43	0.87	7.73	6.01	5.72	1.03	10.27	7.00	6.96	1.20	13.33
	6	15	1.68	1.68	0.24	0.79	2.95	2.95	0.42	1.43	4.05	4.05	0.58	3.03	5.20	5.20	0.74	5.71	6.42	6.42	0.92	8.43
		17	1.68	1.68	0.24	0.79	2.95	2.95	0.42	1.43	4.06	4.06	0.58	3.04	5.20	5.20	0.74	5.73	6.43	6.43	0.92	8.45
		19	-	-	-	-	3.00	2.91	0.43	1.47	4.06	4.05	0.58	3.05	5.21	5.21	0.75	5.75	6.44	6.44	0.92	8.47
		20	-	-	-	-	3.34	2.71	0.48	1.83	4.23	3.95	0.60	3.41	5.26	5.20	0.75	5.86	6.44	6.43	0.92	8.47
15	3	15	2.04	2.04	0.58	3.08	3.26	3.26	0.93	8.55	4.47	4.47	1.28	14.82	5.61	5.61	1.60	21.67	6.75	6.75	1.93	29.80
		17	2.04	2.04	0.58	3.08	3.26	3.26	0.93	8.57	4.47	4.47	1.29	14.85	5.62	5.62	1.60	21.72	6.76	6.76	1.93	29.87
		19	-	-	-	-	3.34	3.24	0.95	8.94	4.47	4.46	1.28	14.84	5.63	5.63	1.61	21.78	6.77	6.77	1.93	29.95
		20	-	-	-	-	4.30	3.15	1.23	13.73	4.88	4.40	1.40	17.23	5.68	5.62	1.62	22.11	6.77	6.77	1.94	29.99
	4	15	1.56	1.56	0.33	1.08	2.72	2.72	0.58	3.12	3.92	3.92	0.84	7.19	5.14	5.14	1.11	11.49	6.30	6.30	1.36	16.28
		17	1.56	1.56	0.33	1.08	2.72	2.72	0.58	3.13	3.93	3.93	0.84	7.21	5.15	5.15	1.11	11.52	6.31	6.31	1.36	16.32
		19	-	-	-	-	2.72	2.71	0.58	3.13	3.93	3.93	0.84	7.22	5.16	5.16	1.11	11.55	6.32	6.32	1.36	16.35
		20	-	-	-	-	2.97	2.59	0.64	3.97	4.02	3.90	0.86	7.50	5.15	5.14	1.11	11.54	6.32	6.32	1.36	16.35
	5	15	0.96	0.96	0.17	0.52	2.28	2.28	0.39	1.27	3.40	3.40	0.59	3.21	4.59	4.59	0.79	6.47	5.81	5.81	1.00	9.64
		17	0.96	0.96	0.17	0.52	2.28	2.28	0.39	1.27	3.40	3.40	0.59	3.22	4.60	4.60	0.79	6.48	5.81	5.81	1.00	9.66
		19	-	-	-	-	2.28	2.28	0.39	1.27	3.41	3.41	0.59	3.23	4.61	4.61	0.79	6.50	5.82	5.82	1.00	9.68
		20	-	-	-	-	2.36	2.22	0.41	1.32	3.41	3.41	0.59	3.23	4.61	4.61	0.79	6.51	5.83	5.83	1.00	9.70
	6	15	-	-	-	-	1.71	1.71	0.25	0.77	2.98	2.98	0.43	1.44	4.07	4.07	0.58	3.22	5.25	5.25	0.75	5.90
		17	-	-	-	-	1.71	1.71	0.25	0.77	2.98	2.98	0.43	1.45	4.08	4.08	0.59	3.23	5.26	5.26	0.76	5.92
		19	-	-	-	-	1.72	1.72	0.25	0.77	2.98	2.98	0.43	1.45	4.08	4.08	0.59	3.24	5.27	5.27	0.76	5.93
		20	-	-	-	-	1.72	1.72	0.25	0.77	2.98	2.98	0.43	1.45	4.08	4.08	0.59	3.25	5.27	5.27	0.76	5.94

Abbreviations:

EWT: Enter Water Temp. (°C) ΔT: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C)

WF: Water Flow. (m³/h)

WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW)

WPD: Water Pressure Drop. (kPa)

Heating Capacity Table

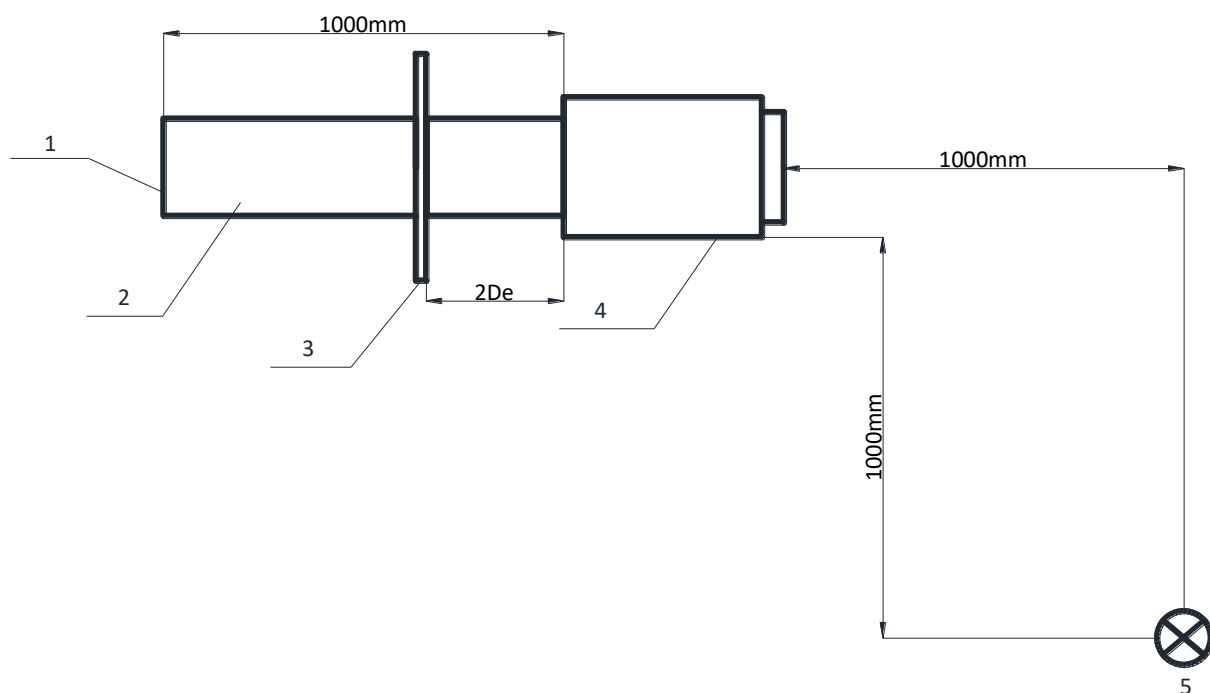
MDKT3-14U													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
$^{\circ}\text{C}$	$^{\circ}\text{C}$	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa	kW	m ³ /h	kPa
40	8	12.45	1.35	14.25	11.08	1.20	11.67	9.72	1.05	9.31	8.33	0.90	7.12
	10	11.51	0.99	8.50	10.10	0.87	6.81	8.68	0.75	5.26	7.23	0.62	3.86
	12	10.46	0.75	5.34	8.98	0.65	4.13	7.46	0.54	2.98	5.97	0.43	1.78
	14	9.20	0.57	3.32	7.67	0.47	2.23	6.26	0.39	1.31	4.81	0.30	0.72
	16	7.96	0.43	1.72	6.58	0.36	1.04	5.02	0.27	0.66	3.19	0.17	0.43
45	8	15.81	1.70	20.96	14.45	1.56	17.94	13.11	1.42	15.21	11.75	1.27	12.54
	10	14.97	1.29	13.02	13.60	1.17	11.03	12.21	1.05	9.19	10.84	0.94	7.48
	12	14.06	1.01	8.62	12.64	0.91	7.20	11.25	0.81	5.88	9.82	0.71	4.67
	14	13.04	0.80	5.84	11.59	0.71	4.78	10.11	0.62	3.79	8.58	0.53	2.87
	16	11.90	0.64	4.02	10.36	0.56	3.18	8.80	0.48	2.32	7.33	0.40	1.48
50	8	19.16	2.06	28.66	17.80	1.92	25.33	16.45	1.78	22.06	15.09	1.63	18.91
	10	18.38	1.59	18.22	17.01	1.47	15.93	15.64	1.35	13.78	14.28	1.23	11.77
	12	17.53	1.26	12.26	16.15	1.16	10.64	14.76	1.06	9.12	13.38	0.96	7.70
	14	16.62	1.02	8.62	15.22	0.94	7.41	13.81	0.85	6.27	12.39	0.76	5.21
	16	15.64	0.84	6.21	14.20	0.77	5.27	12.74	0.69	4.39	11.28	0.61	3.57
55	8	22.50	2.43	37.33	21.13	2.28	33.43	19.76	2.13	29.67	18.40	1.98	26.21
	10	21.75	1.87	23.84	20.37	1.76	21.27	19.00	1.64	18.84	17.64	1.52	16.56
	12	20.96	1.51	16.40	19.58	1.41	14.57	18.19	1.31	12.79	16.82	1.21	11.16
	14	20.13	1.24	11.74	18.73	1.16	10.37	17.34	1.07	9.08	15.95	0.98	7.86
	16	19.23	1.04	8.66	17.82	0.96	7.60	16.40	0.89	6.59	14.99	0.81	5.65
60	8	25.82	2.78	46.66	24.46	2.63	42.32	23.07	2.49	38.33	21.71	2.34	34.44
	10	25.11	2.16	30.09	23.74	2.05	27.35	22.35	1.93	24.64	20.98	1.81	22.06
	12	24.35	1.75	20.81	22.97	1.65	18.78	21.59	1.55	16.92	20.21	1.45	15.09
	14	23.56	1.45	15.08	22.16	1.36	13.56	20.77	1.28	12.12	19.39	1.19	10.76
	16	22.73	1.23	11.32	21.32	1.15	10.13	19.92	1.08	9.01	18.52	1.00	7.95

Abbreviations:

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

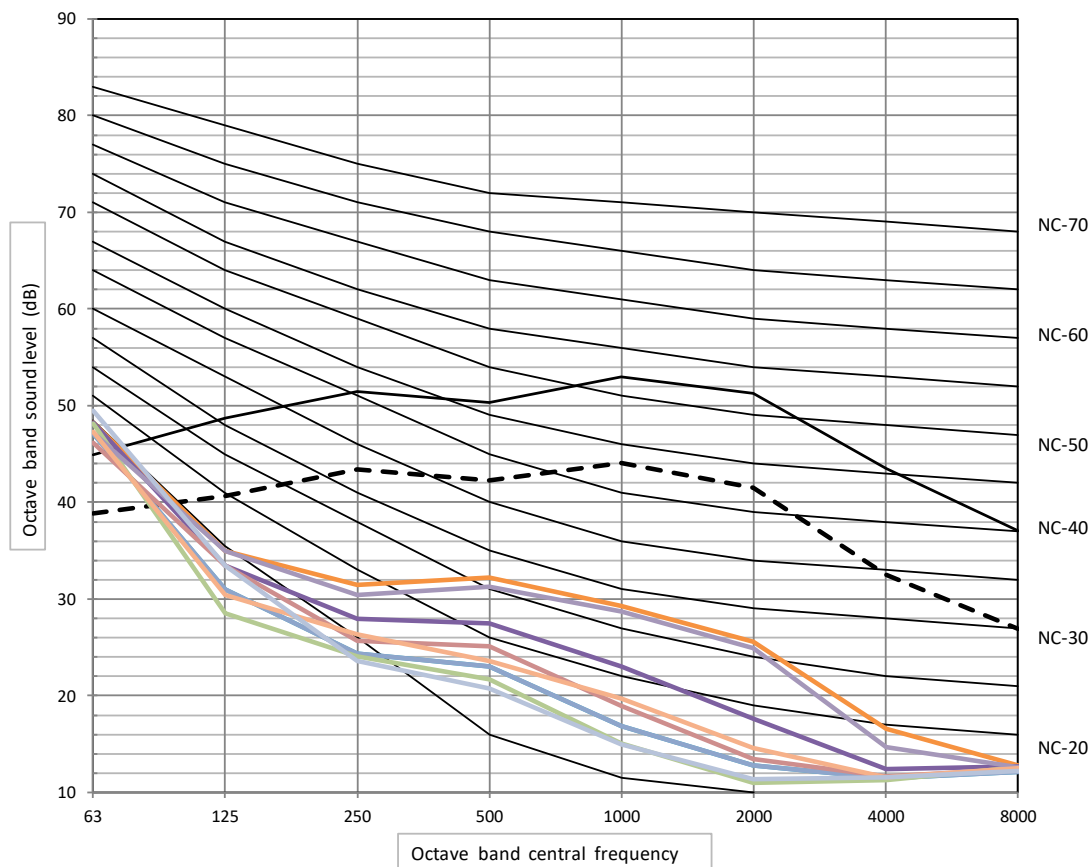
4 Octave Band Levels

Test condition

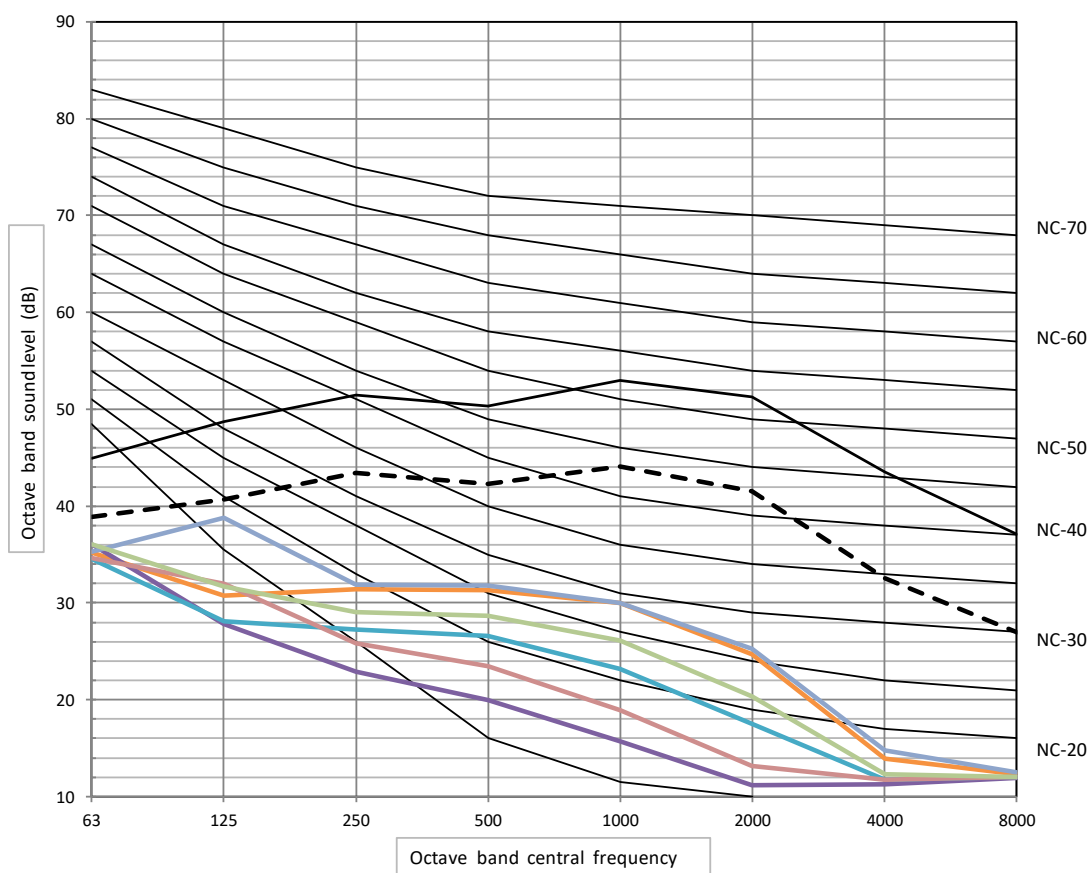


1-Damping net 2-Duct 3-Static pressure loop 4-Test unit D_e -Equivalent diameter of air return of the unit

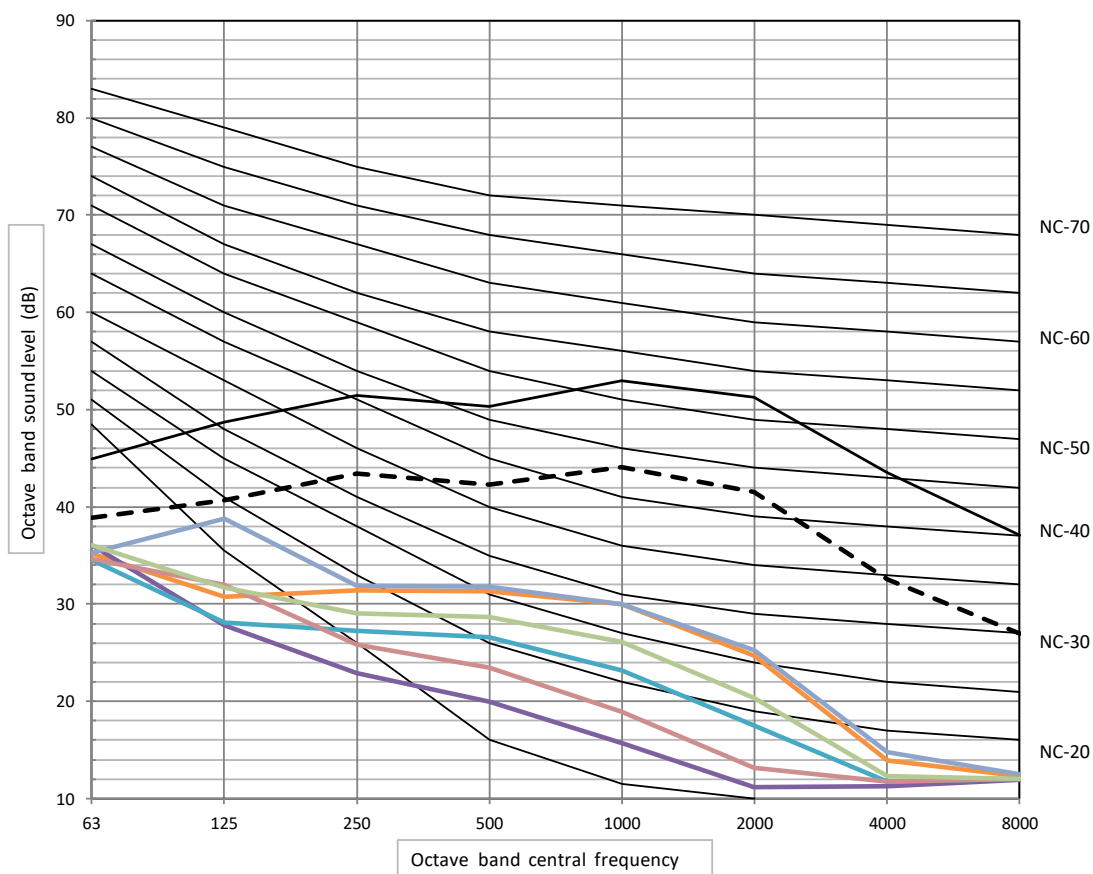
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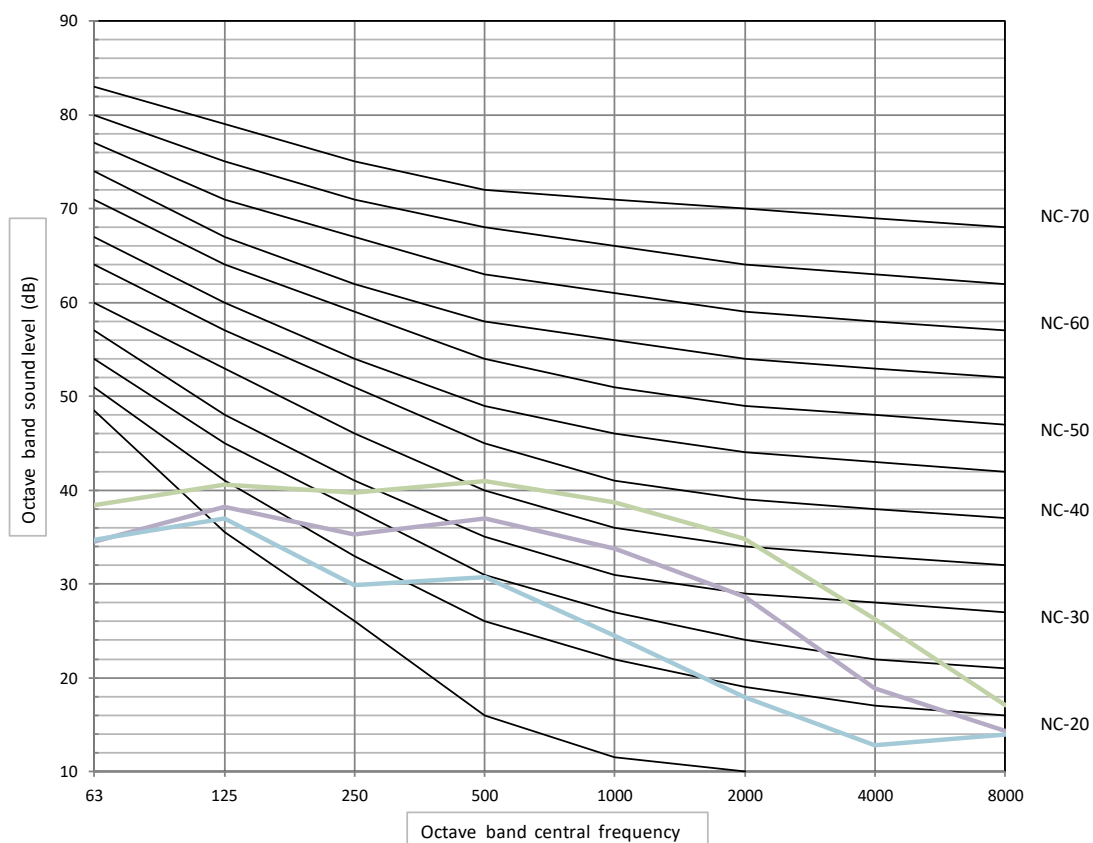
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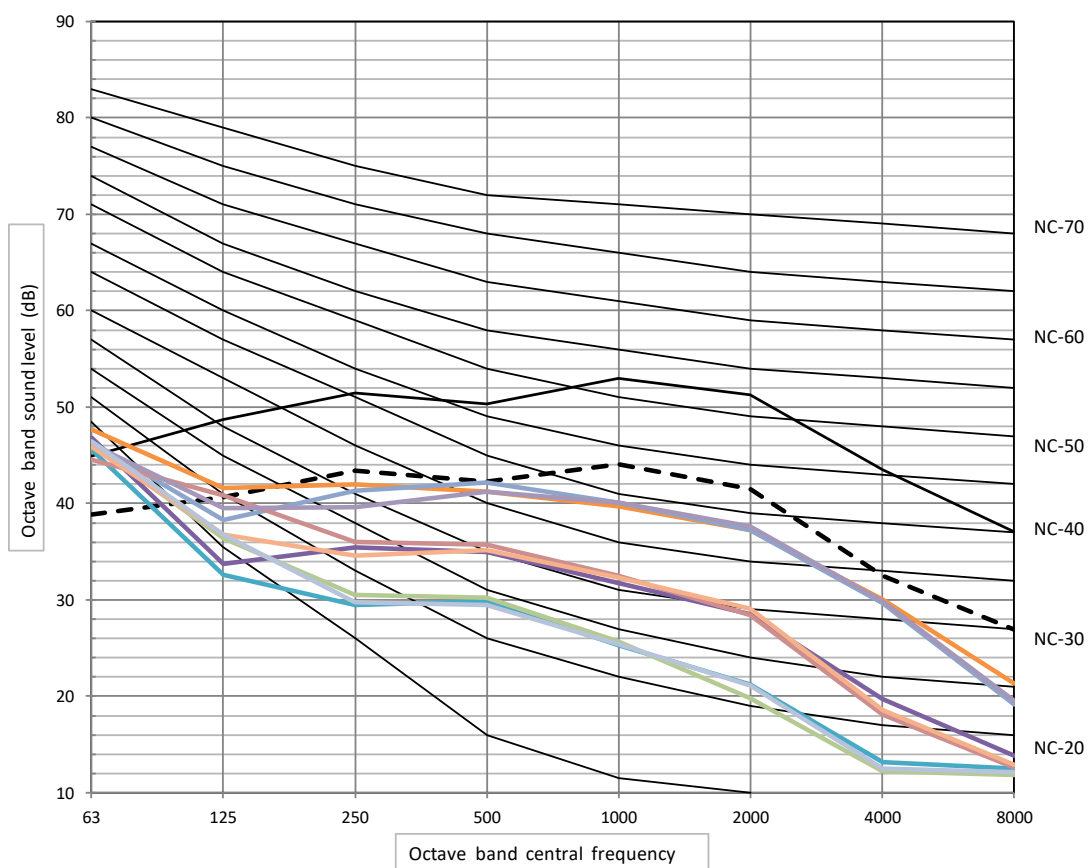
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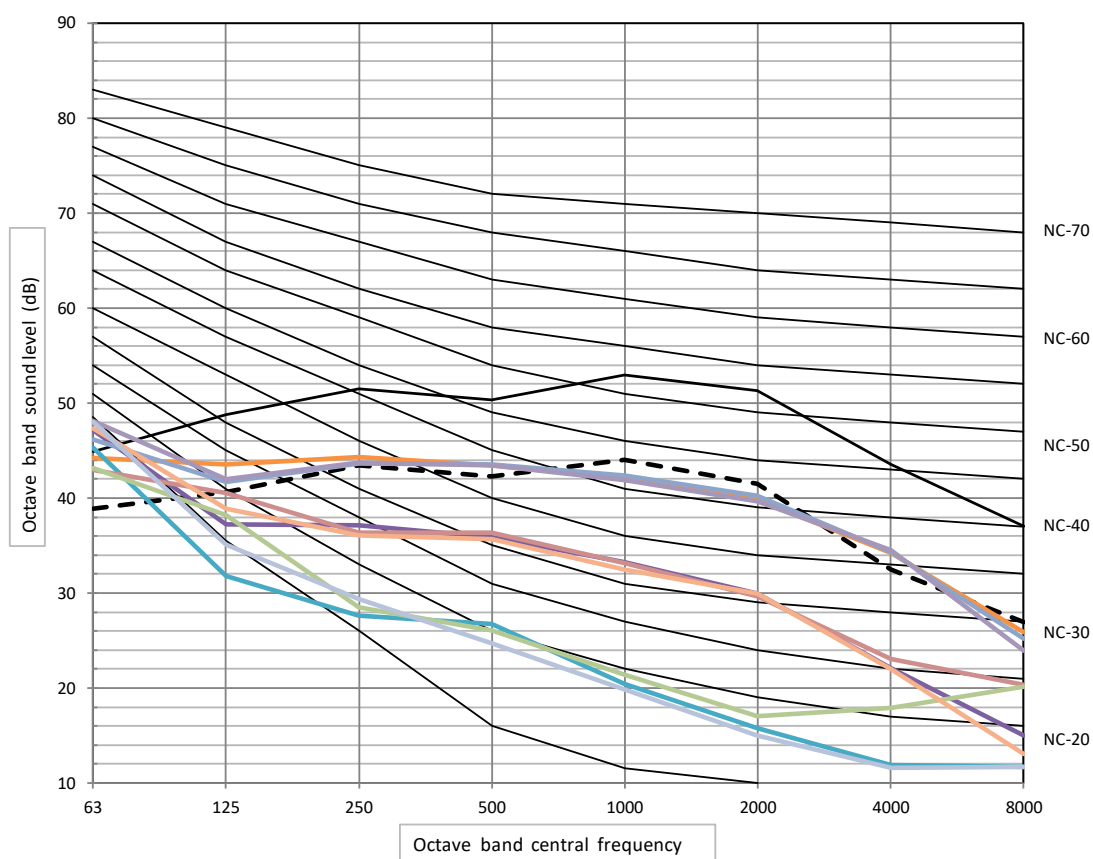
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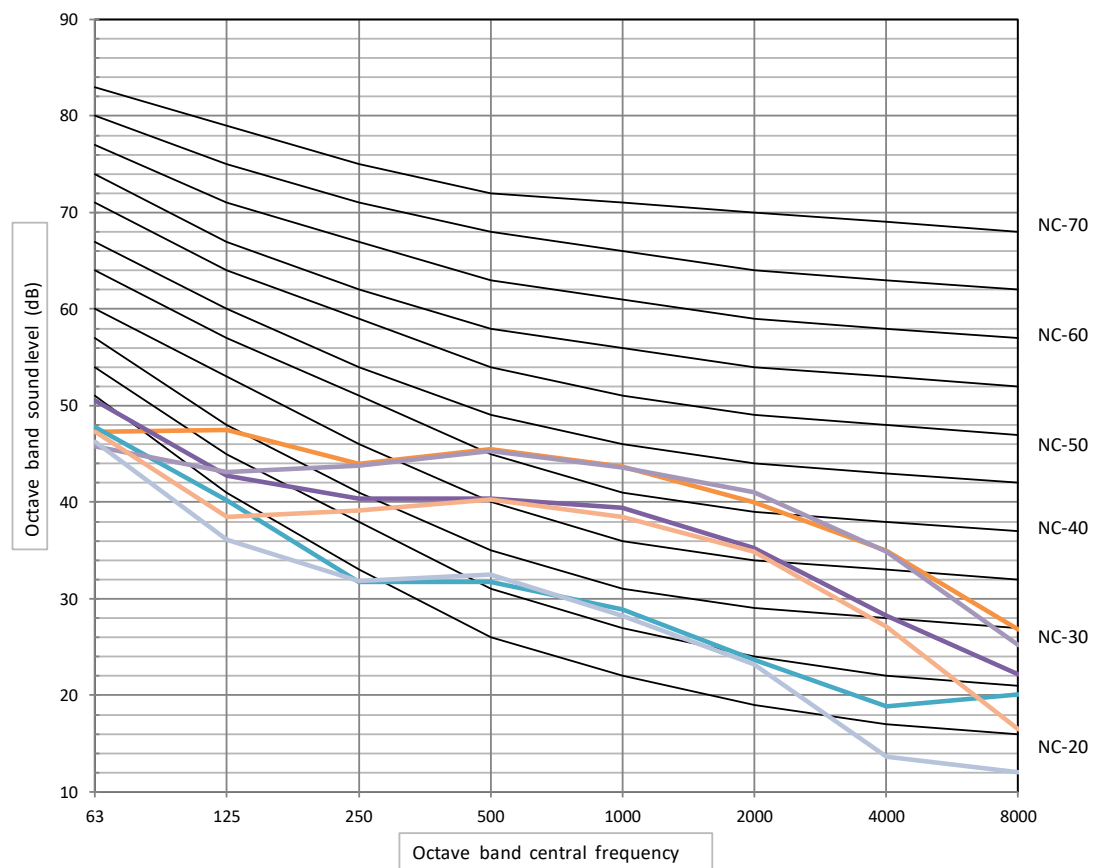
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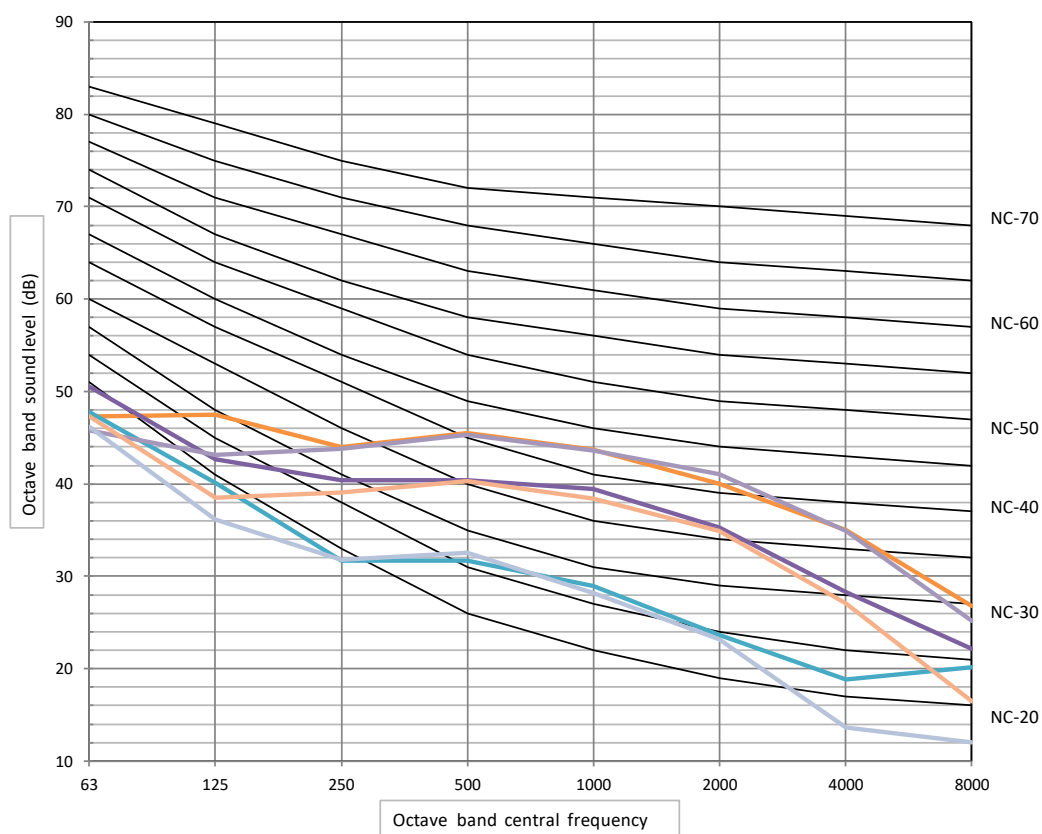
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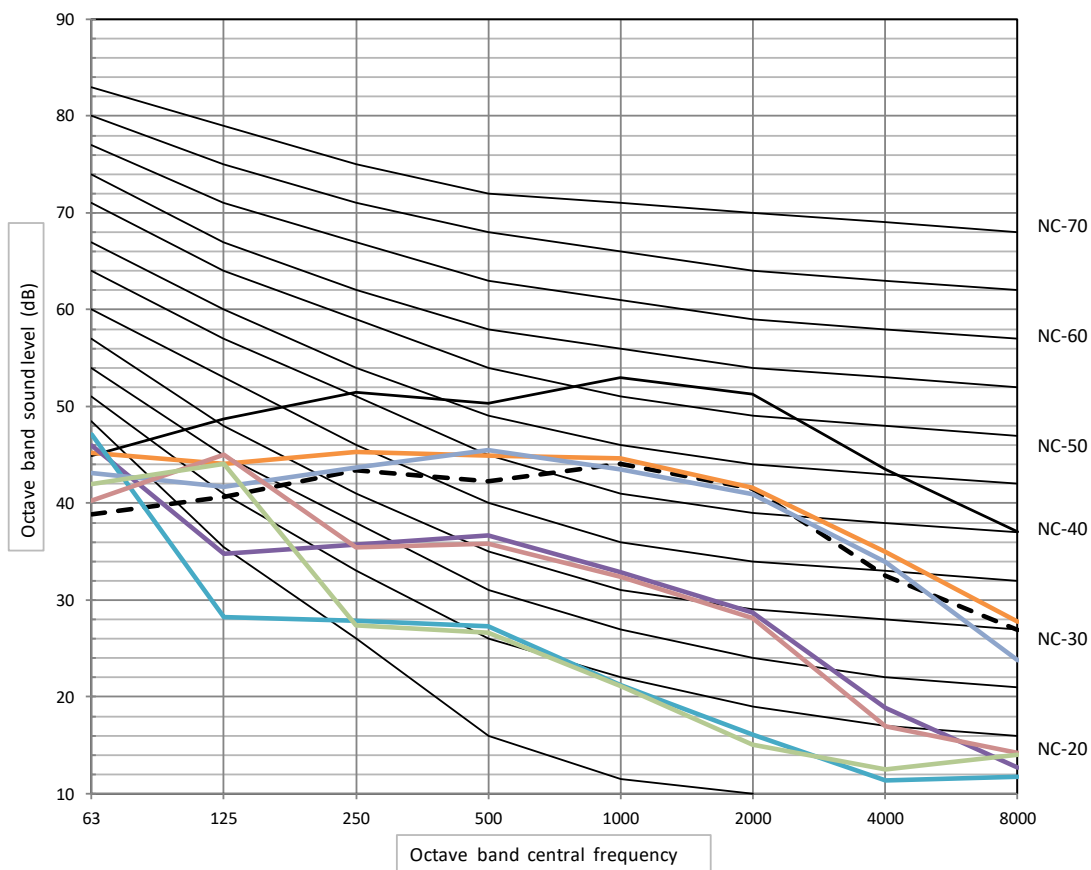
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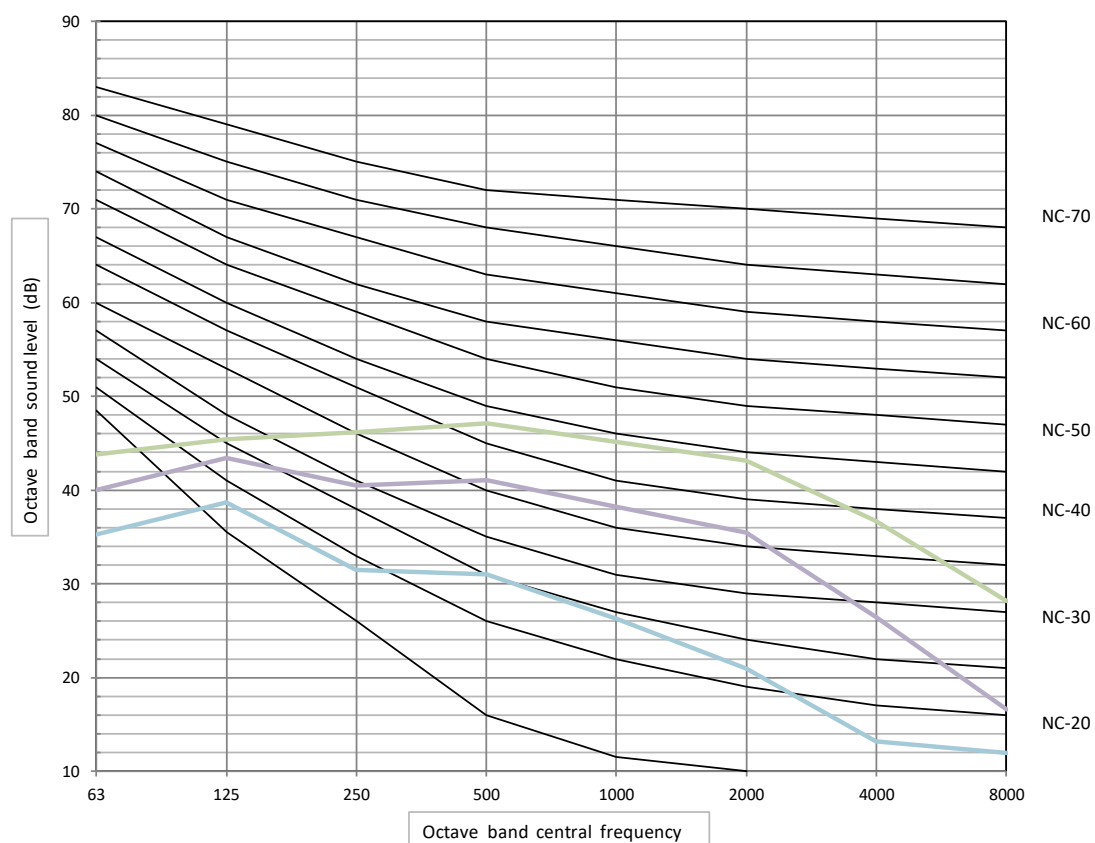
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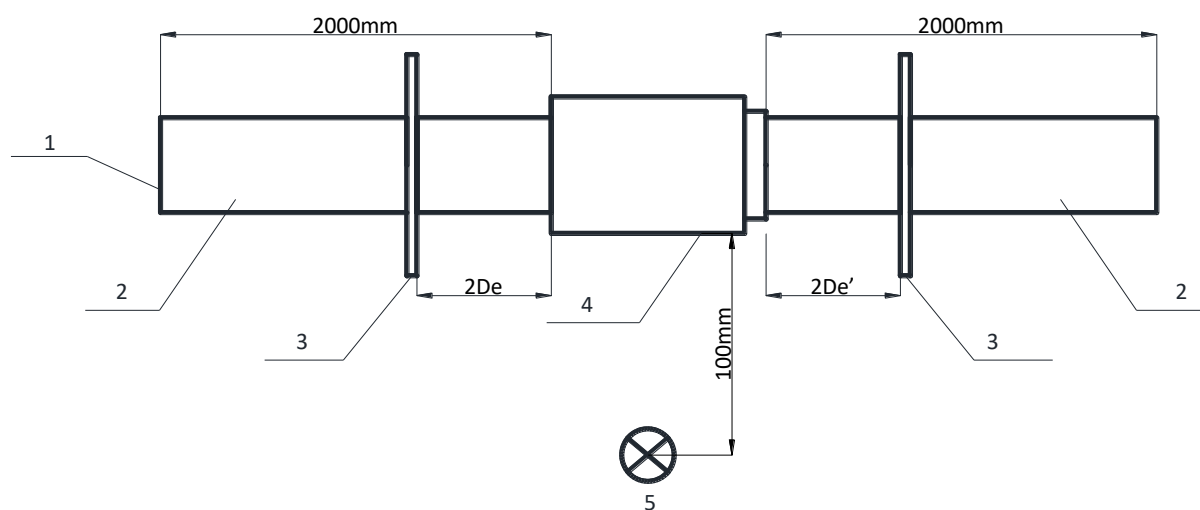
MDKT3H-12S



MDKT3H-14S

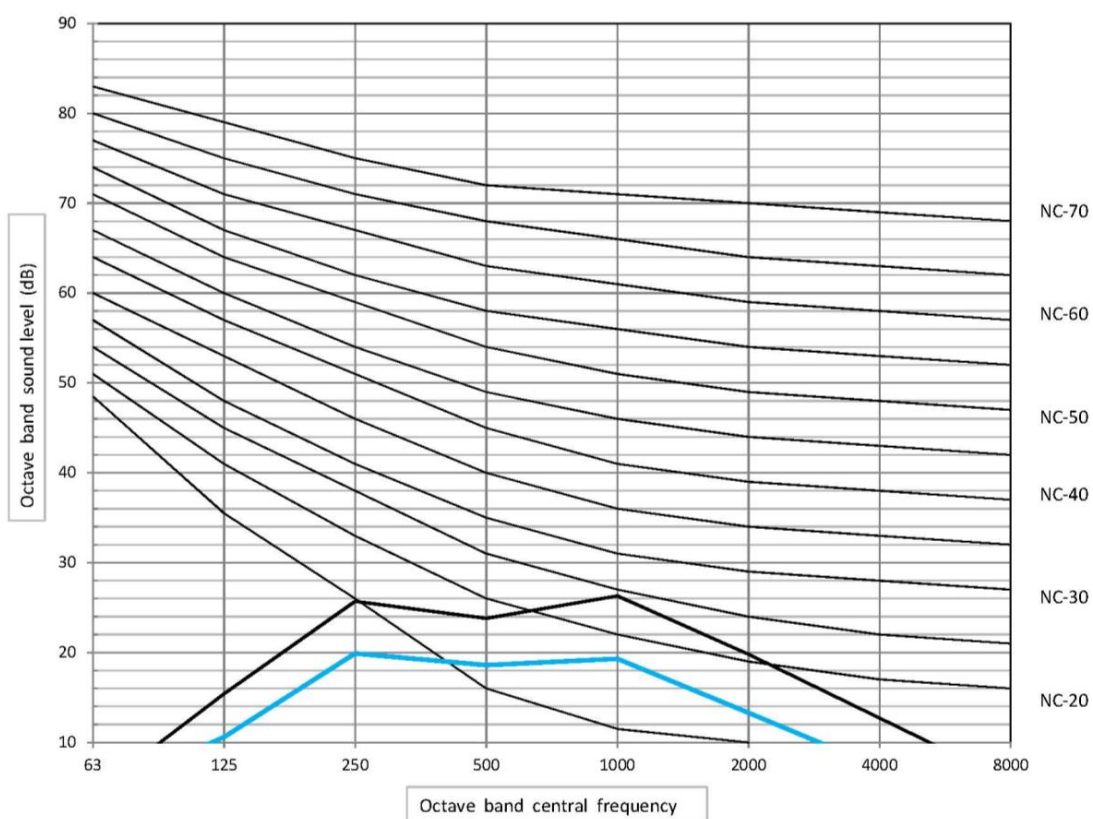


Test condition

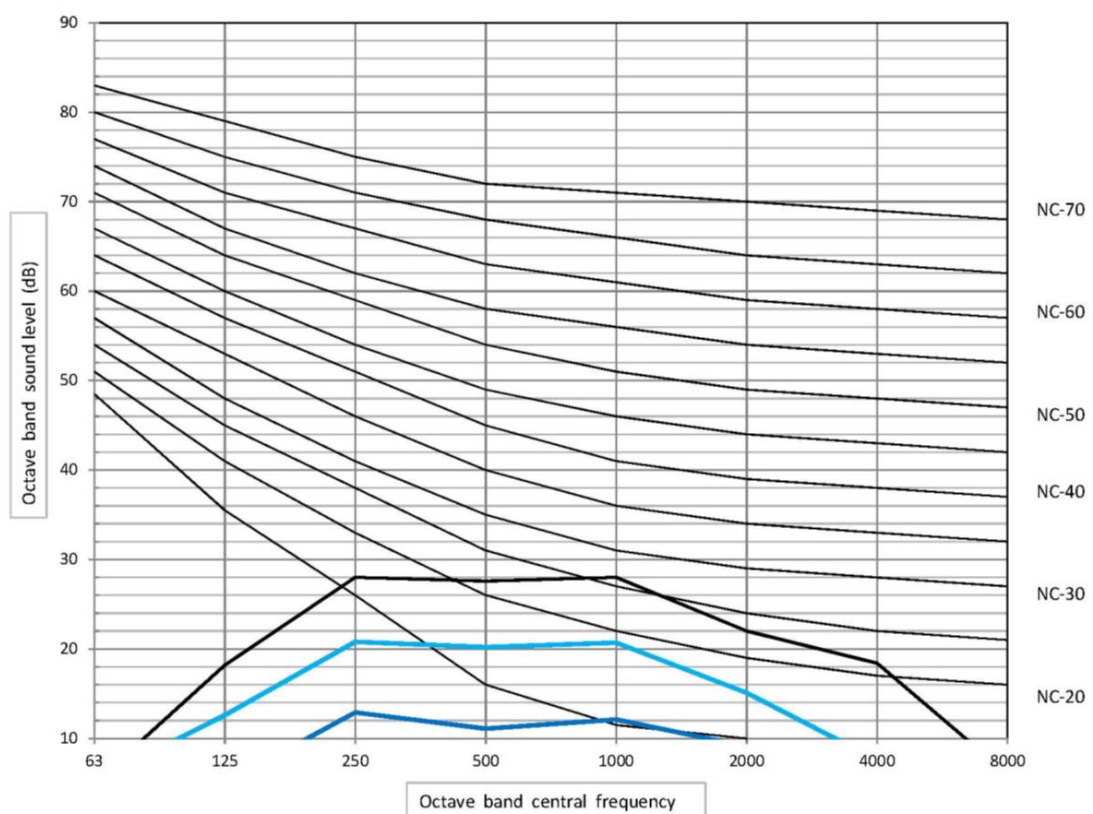


1-Damping net 2-Duct 3-Static pressure loop 4-Test unit D_e -Equivalent diameter of air return of the unit
 D_e' -Equivalent diameter of air outlet of the unit

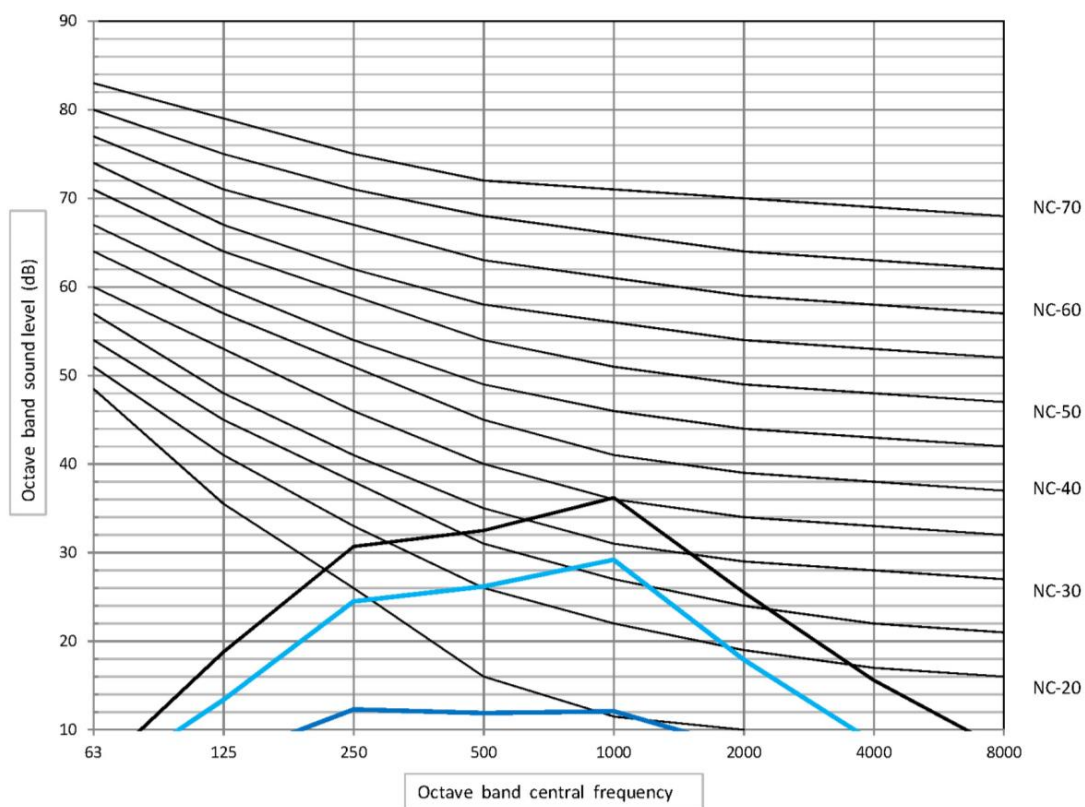
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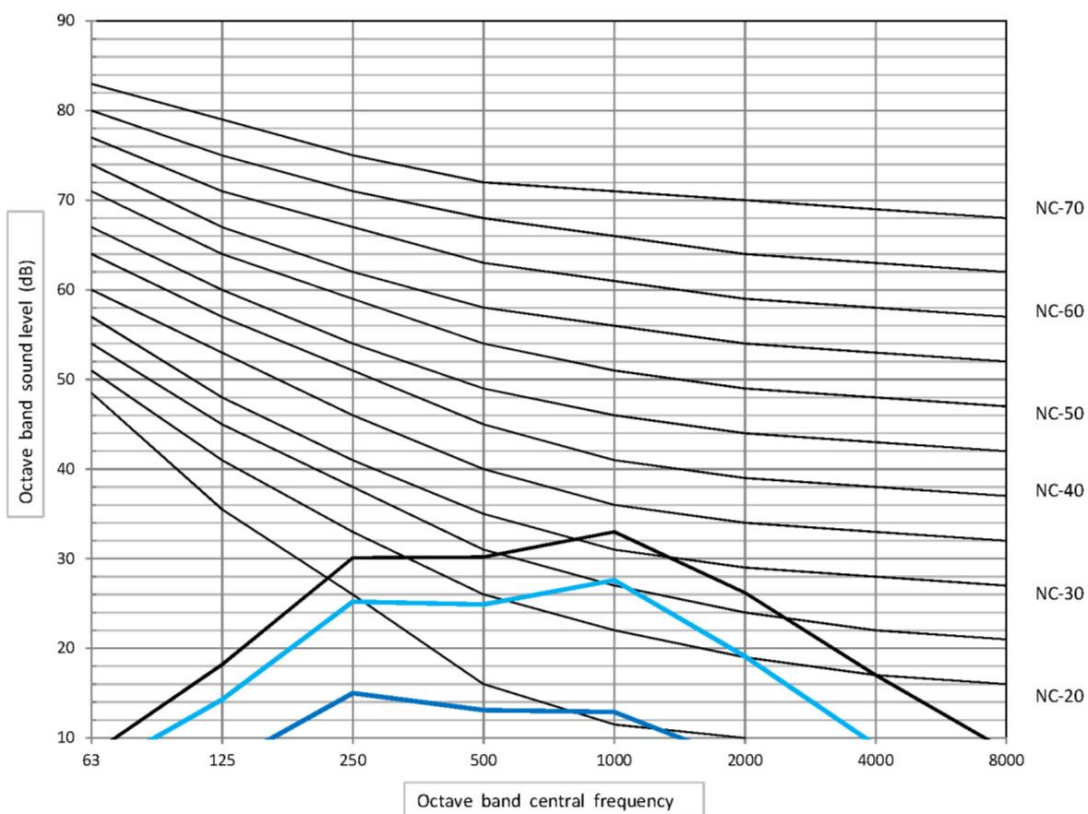
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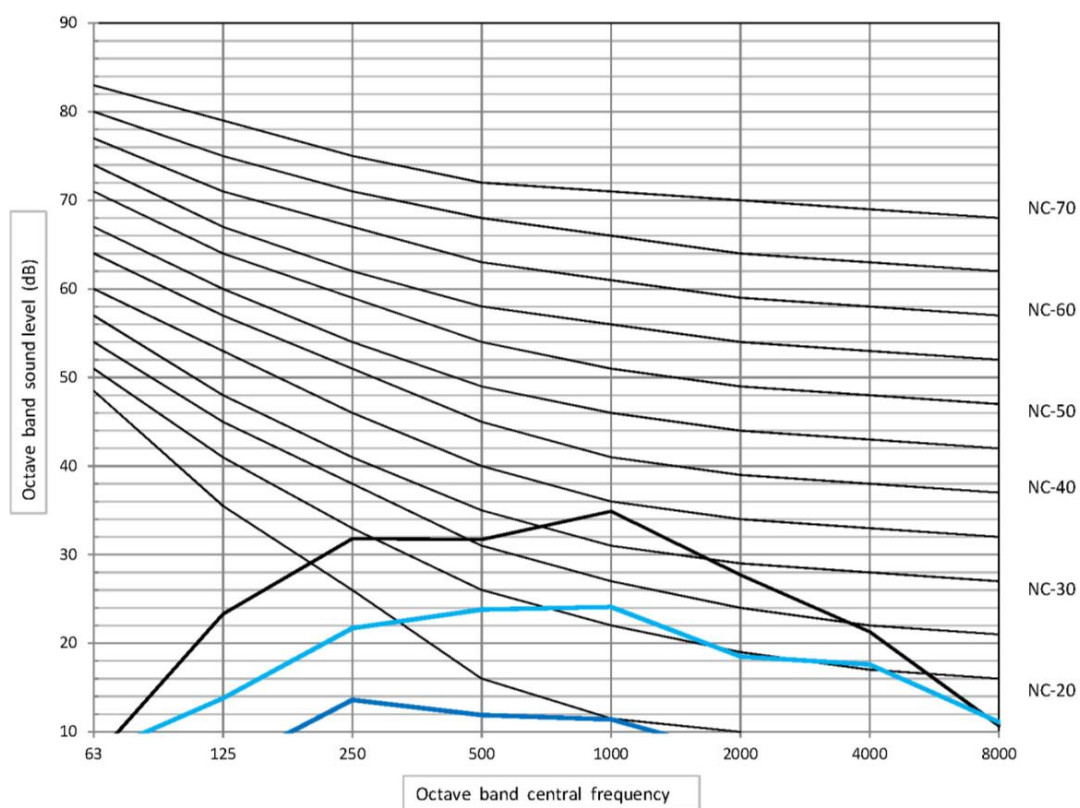
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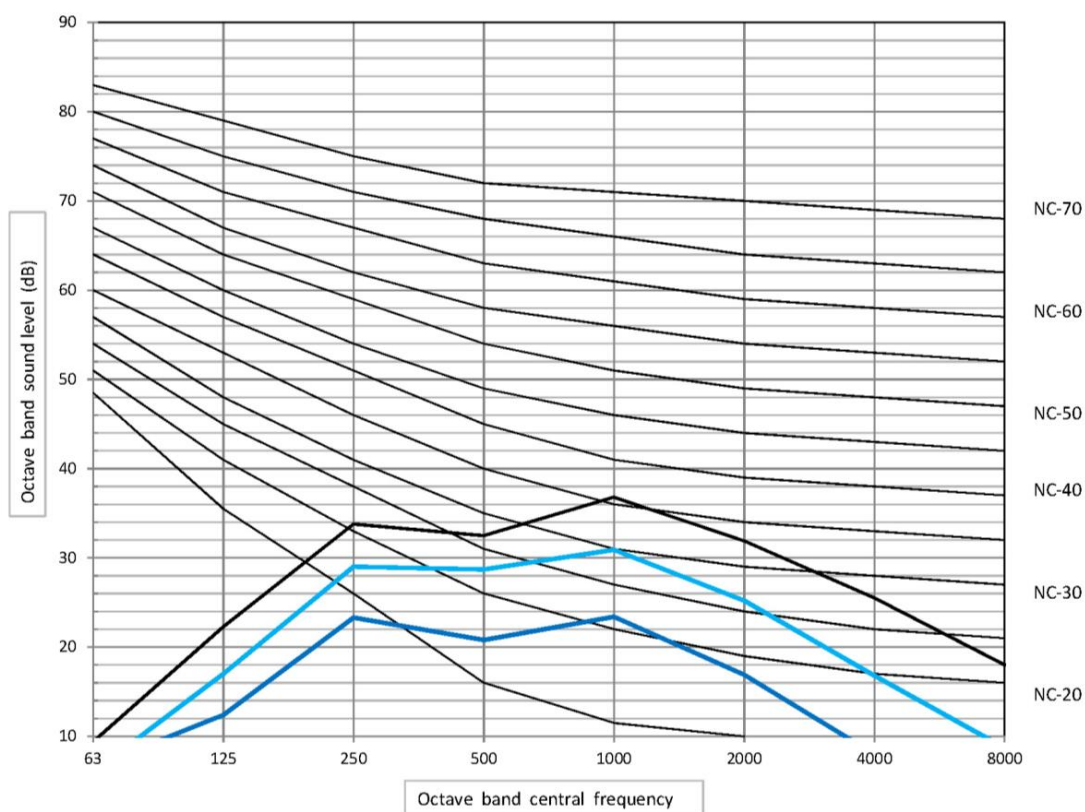
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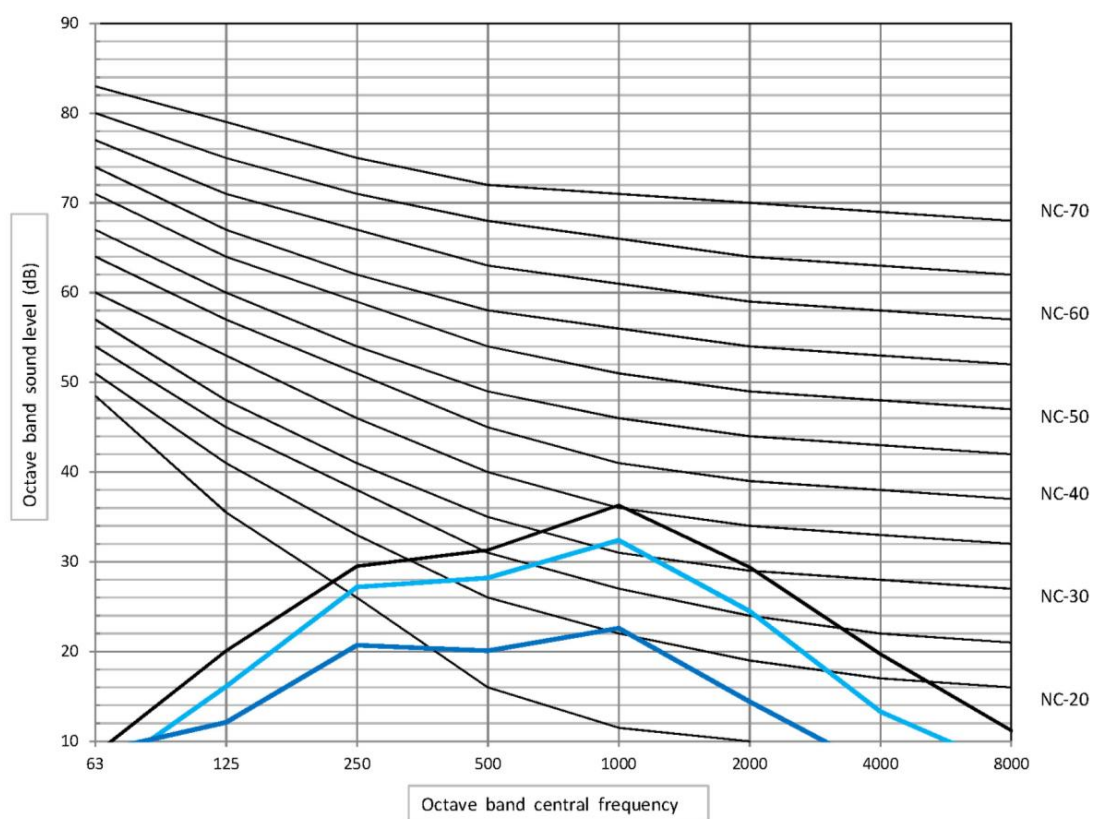
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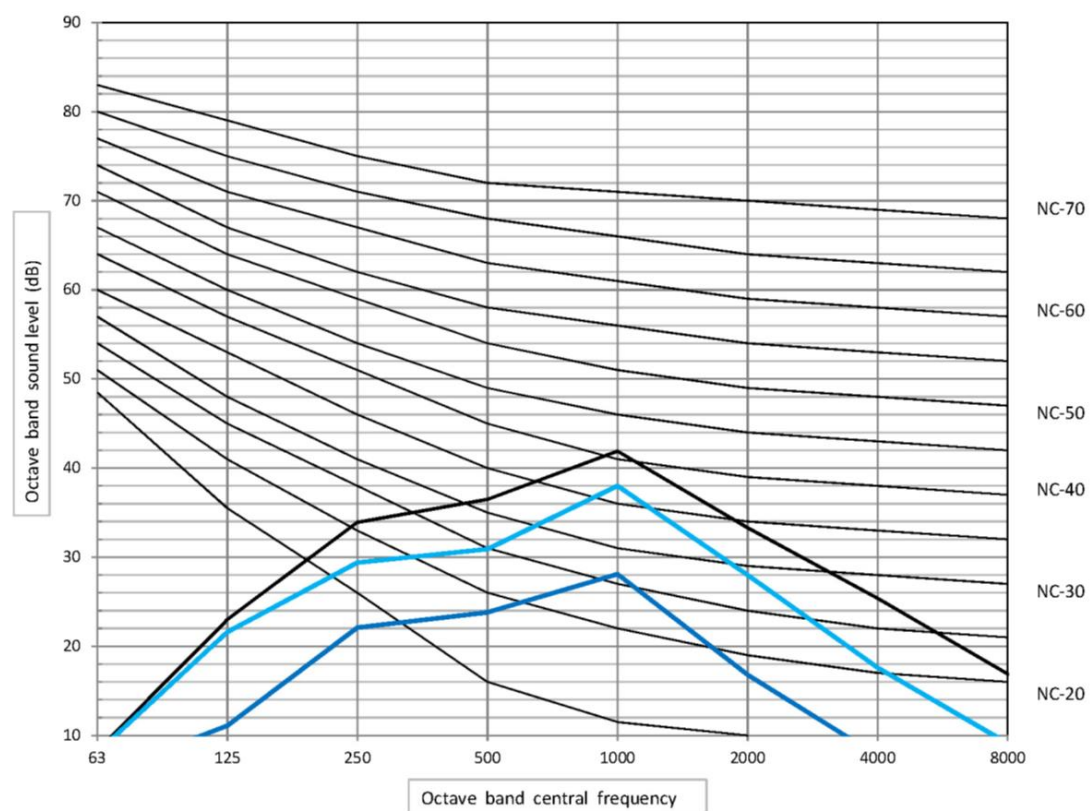
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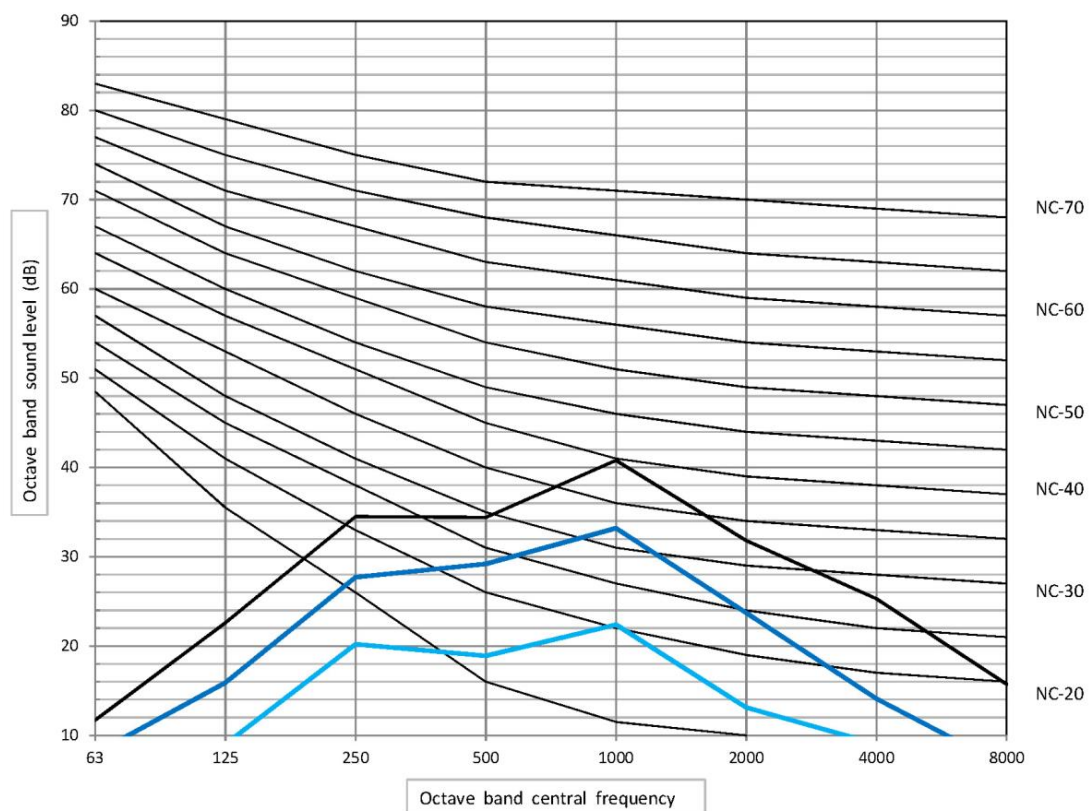
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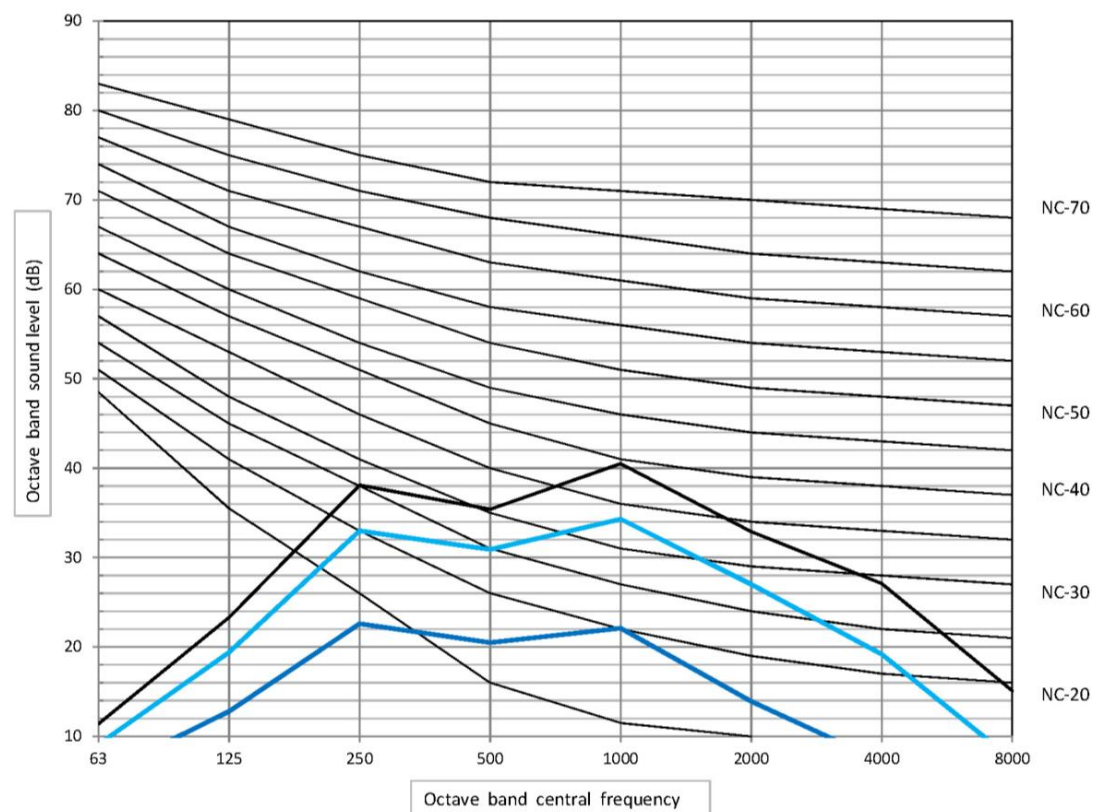
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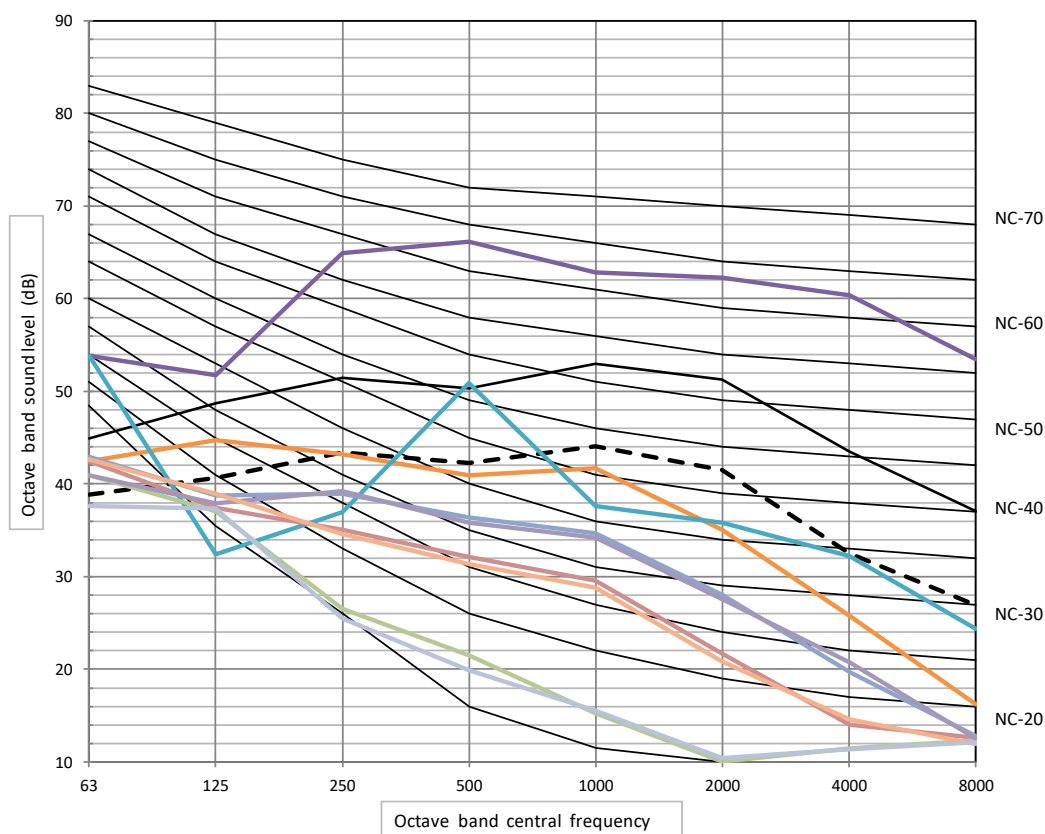
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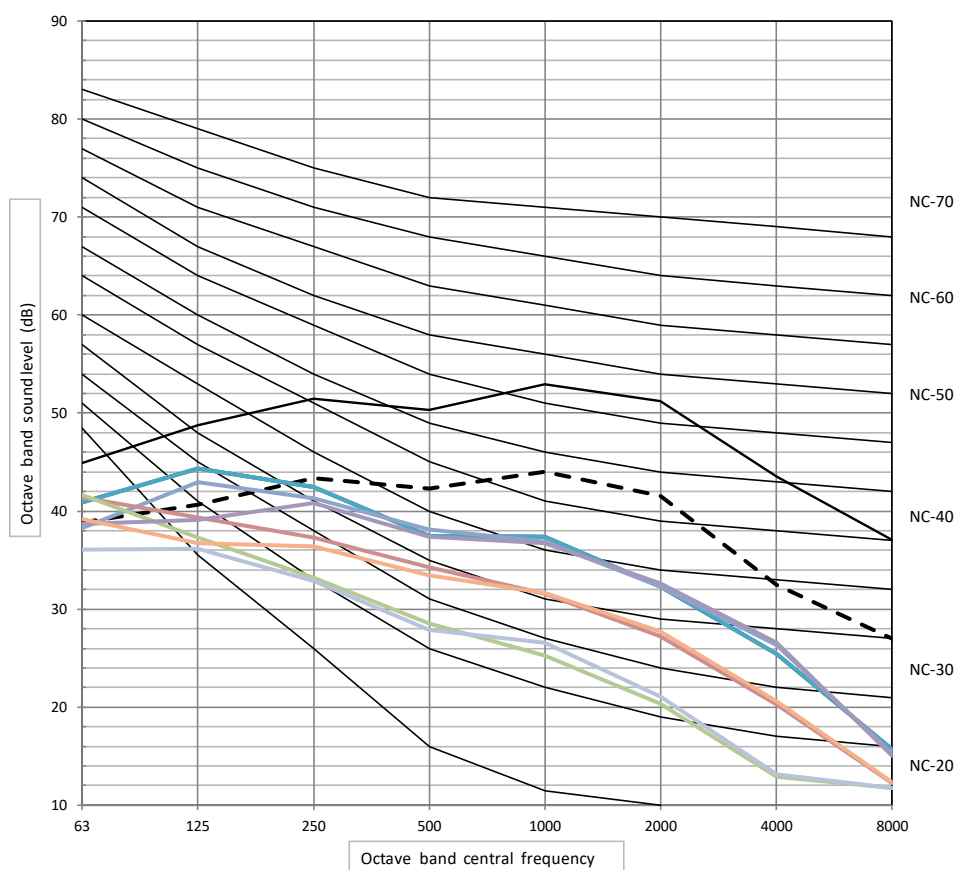
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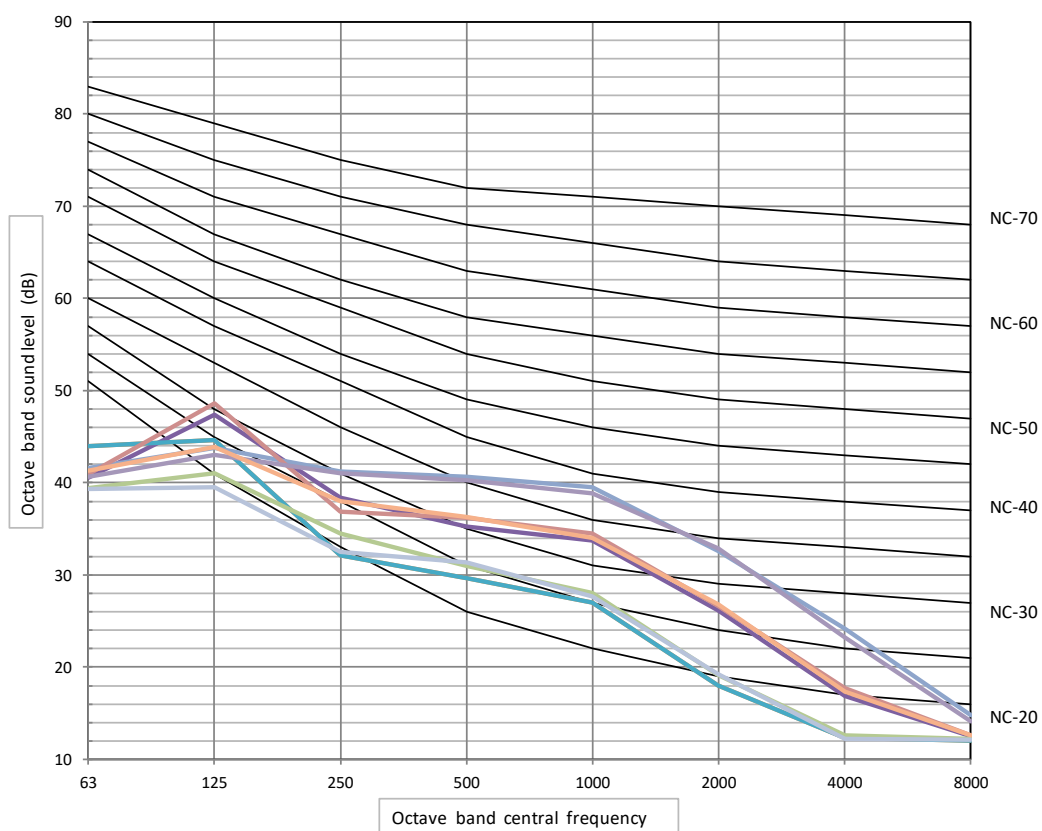
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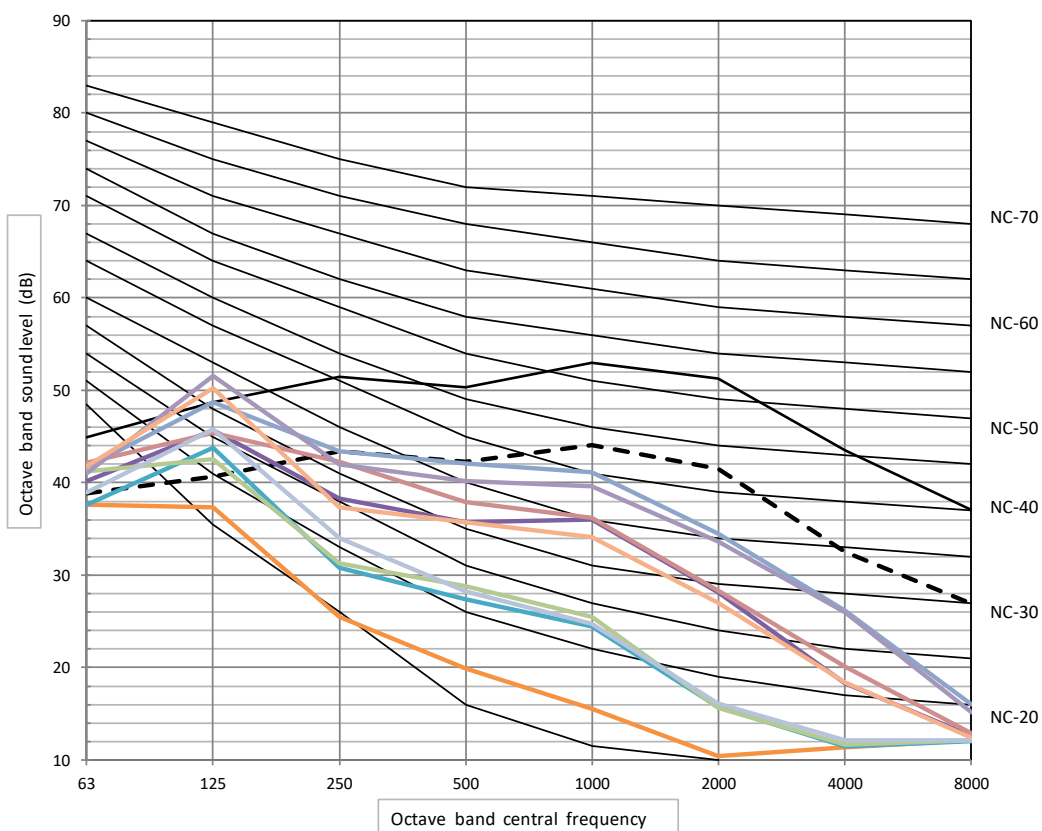
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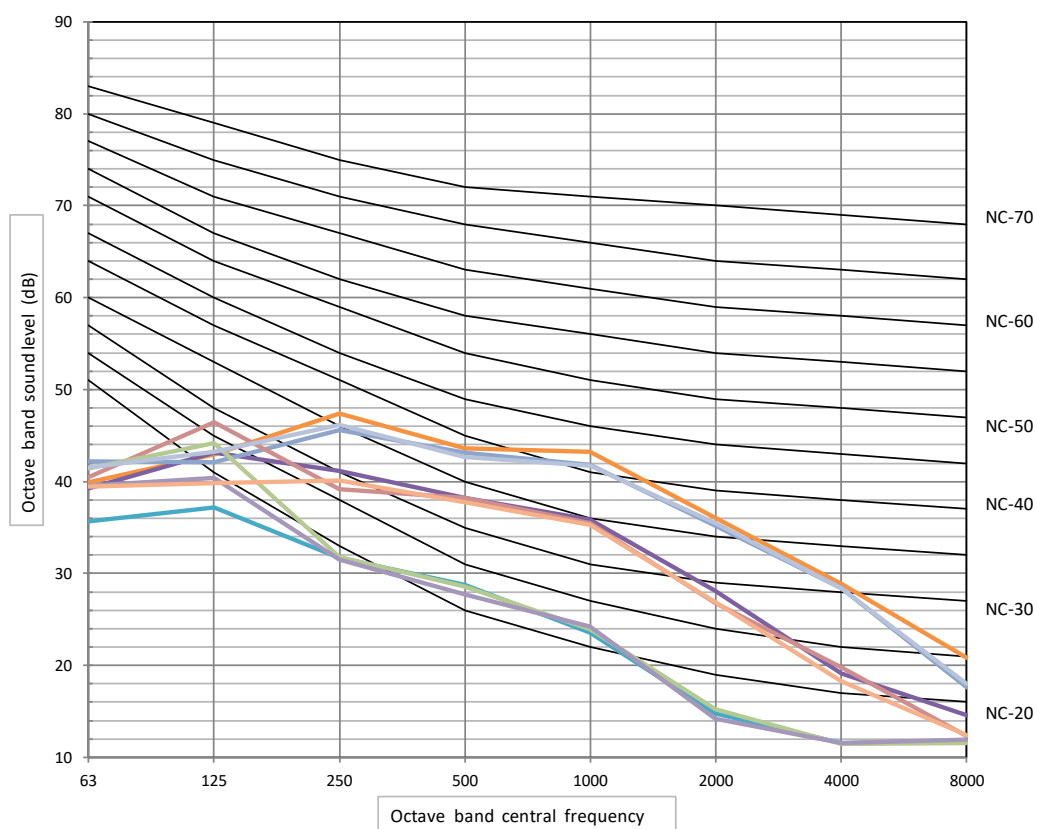
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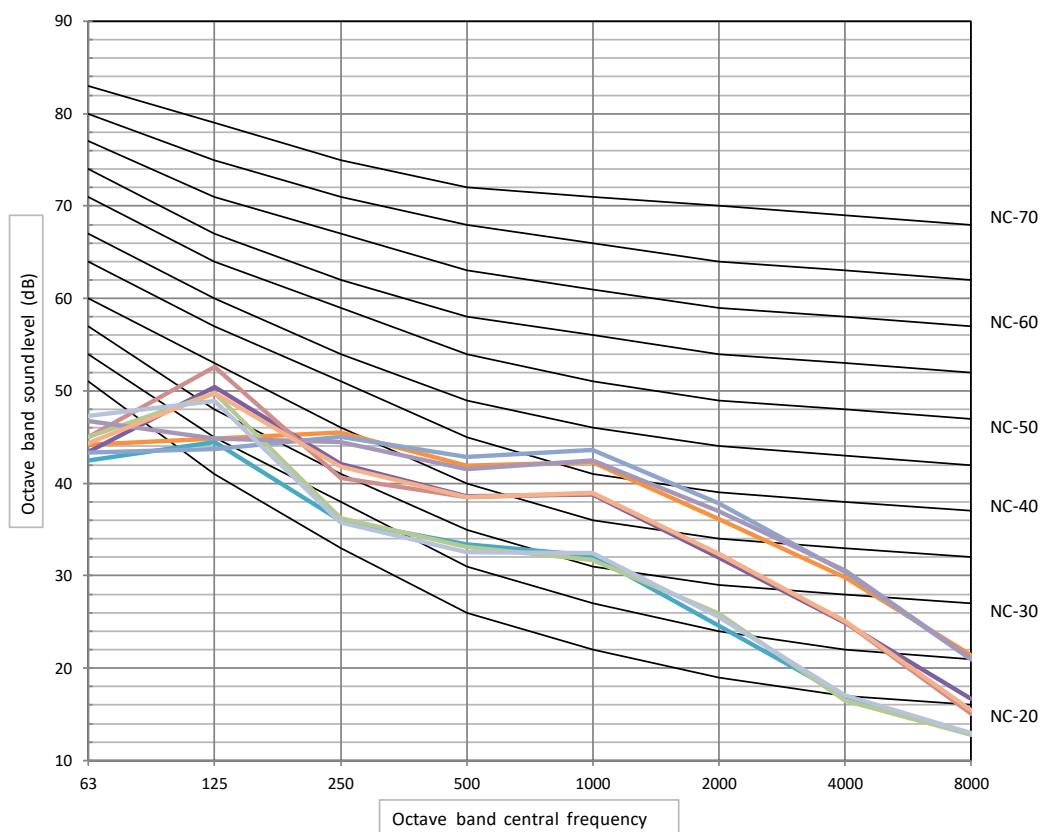
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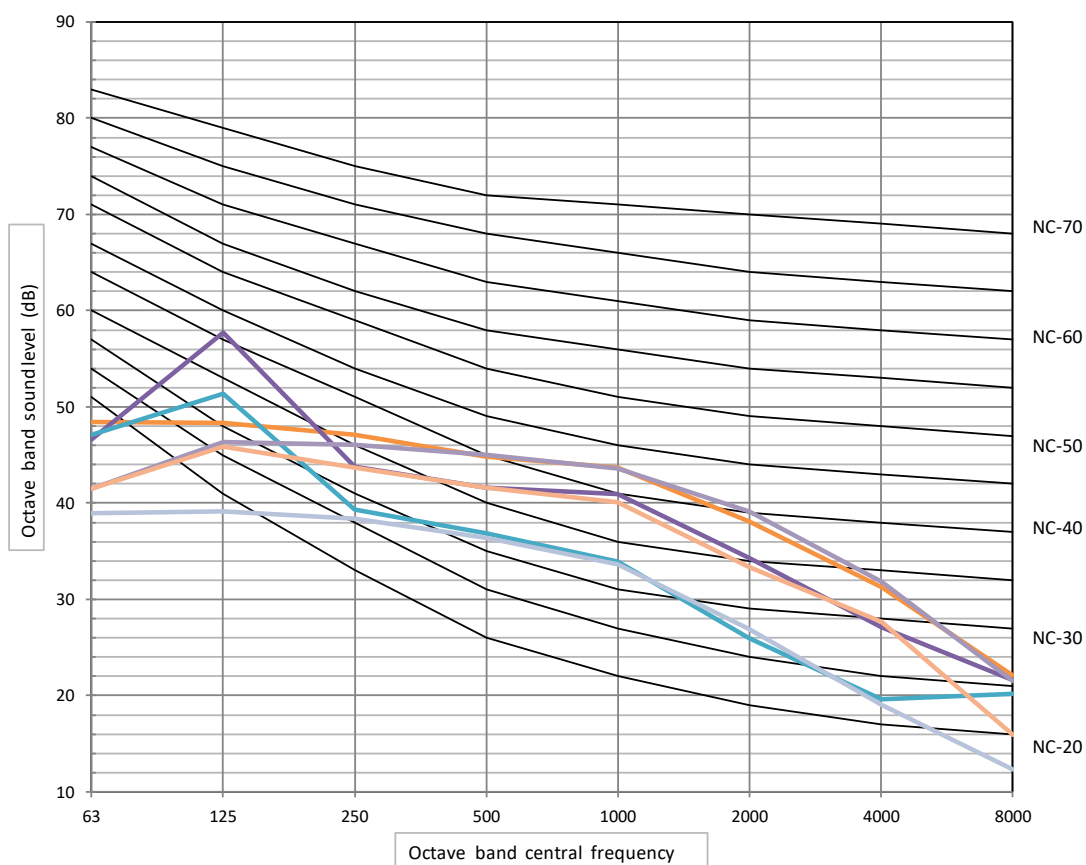
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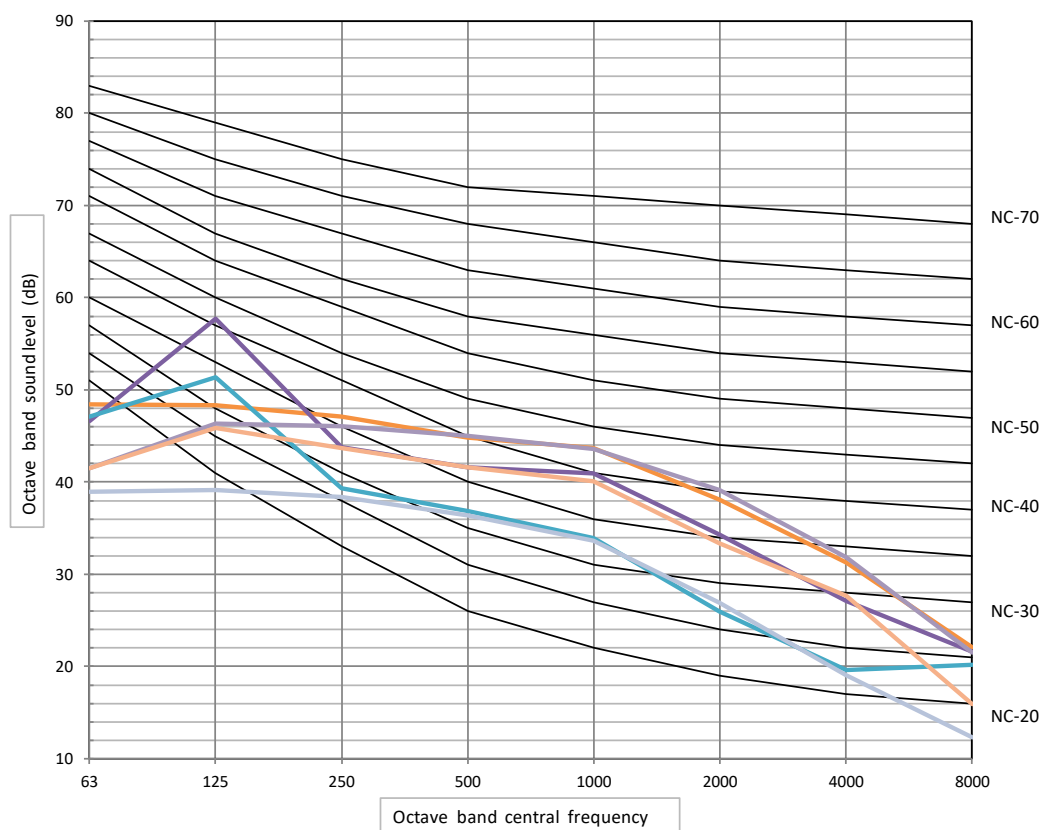
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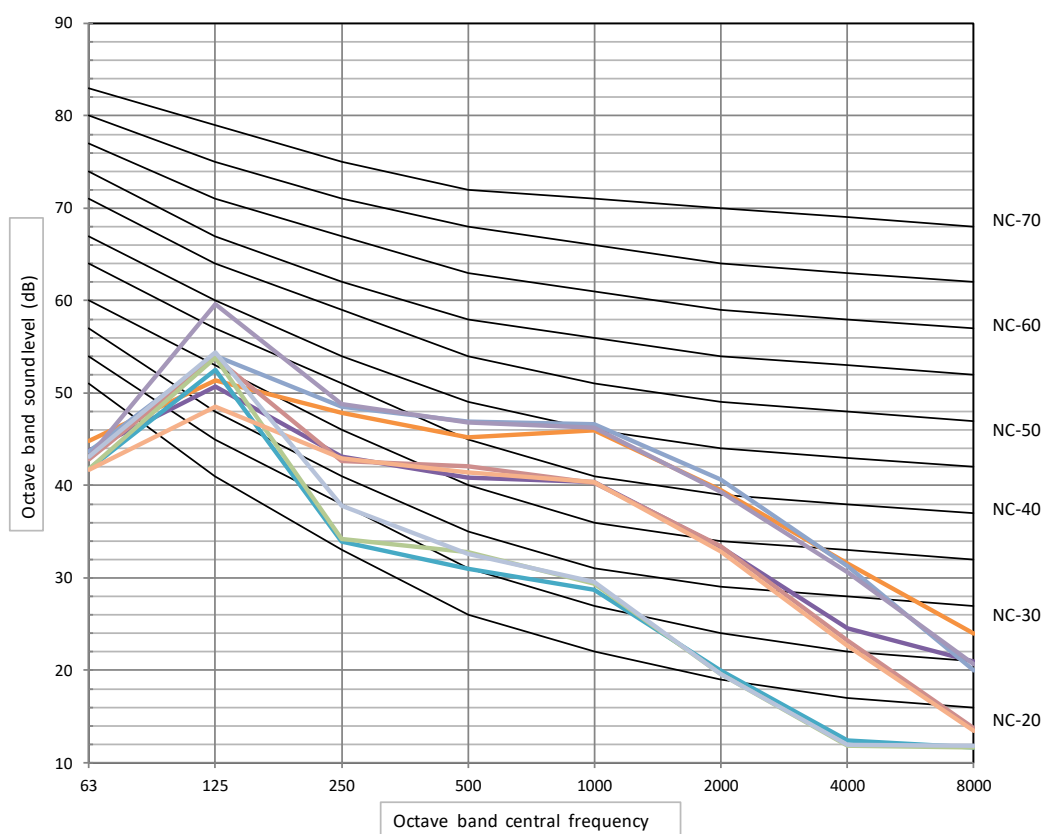
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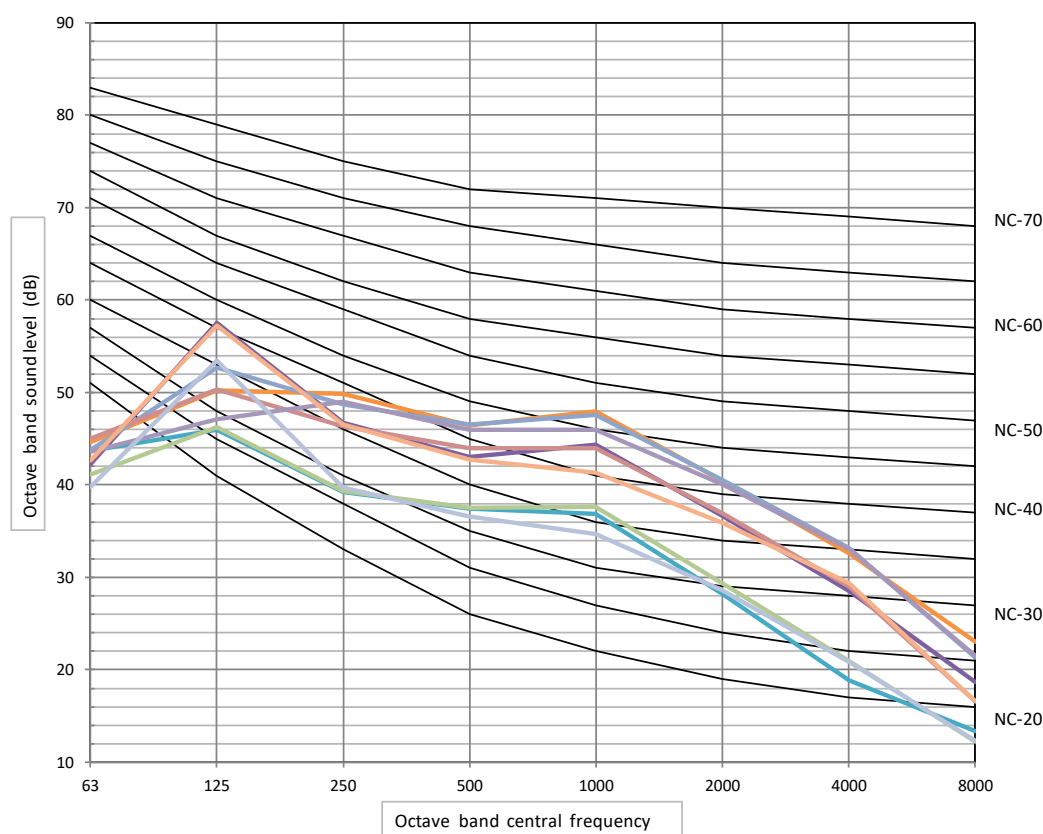
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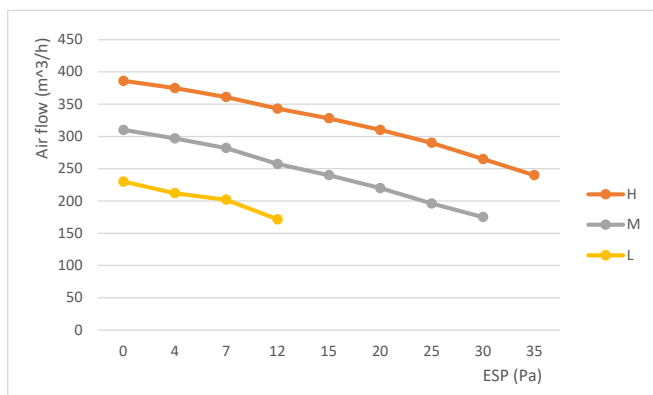
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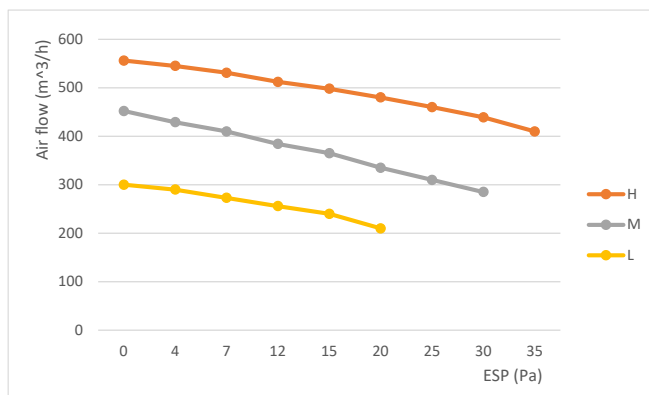
5 Static Pressure Graphs

Models of 12Pa standard external static pressure MDKT3H-

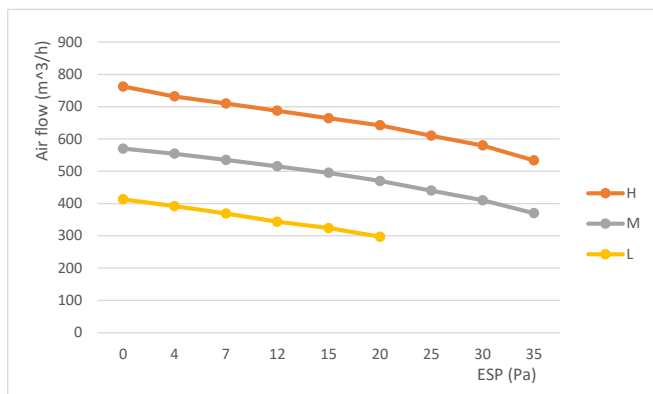
02S



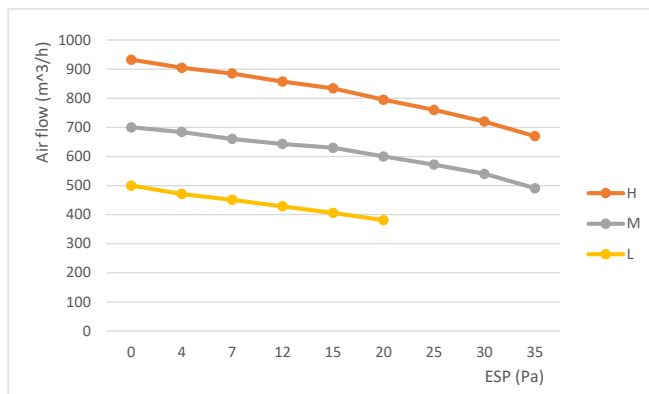
03S



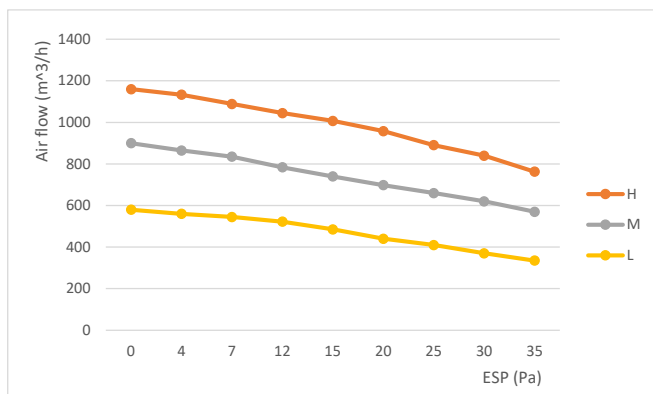
04S



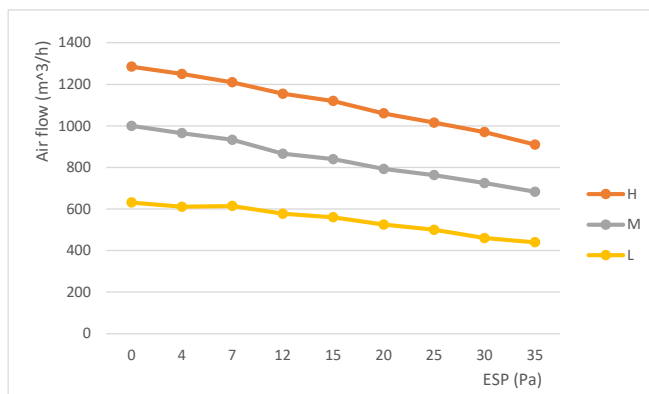
05S



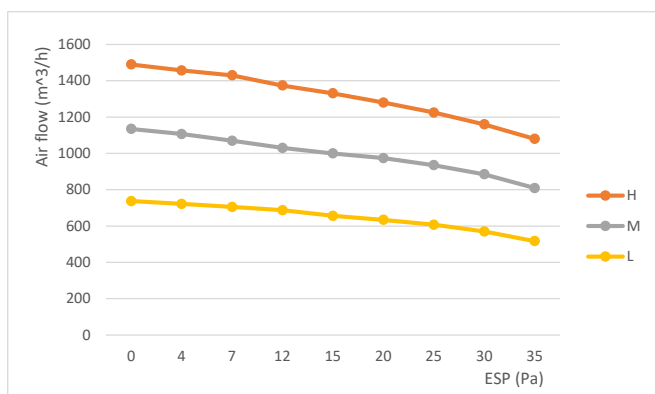
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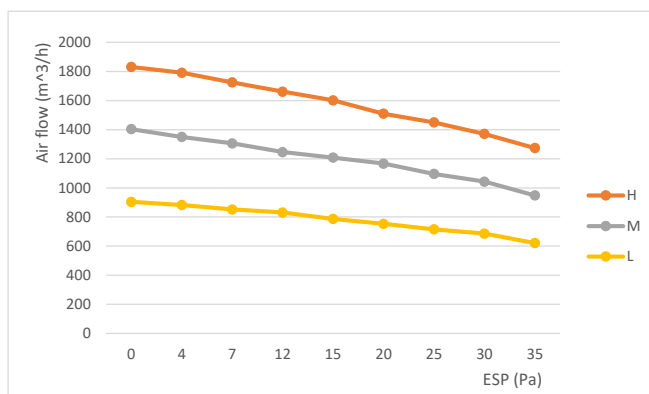
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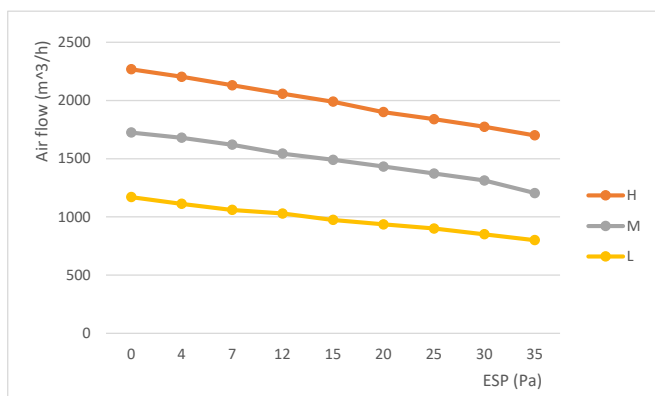
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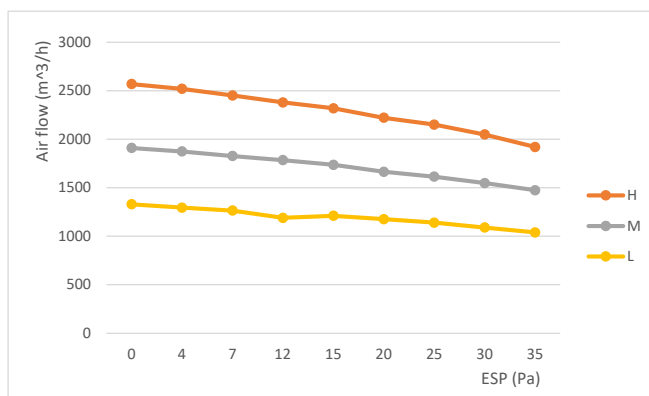
10S



12S

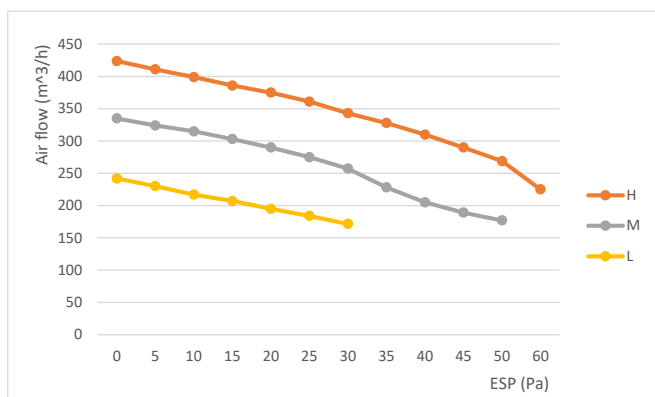


14S

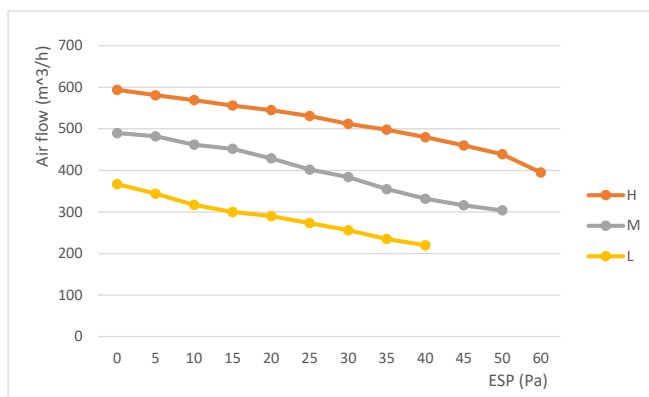


Models of 30Pa standard external static pressure MDKT3H-

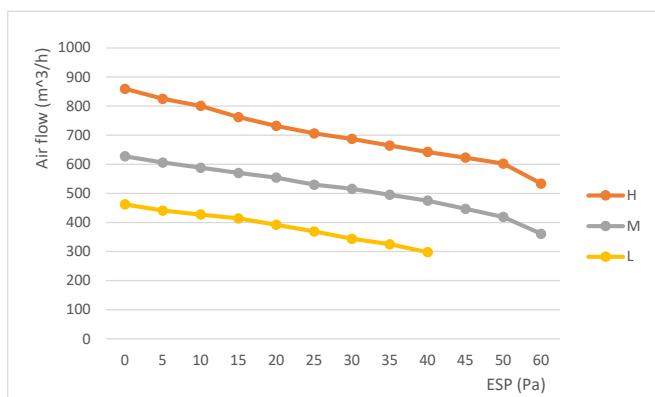
02H



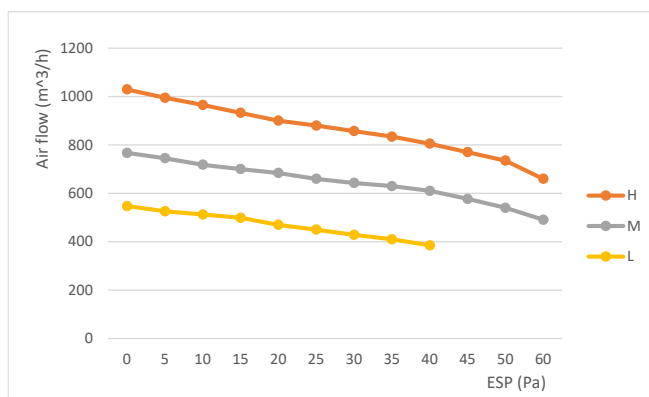
03H



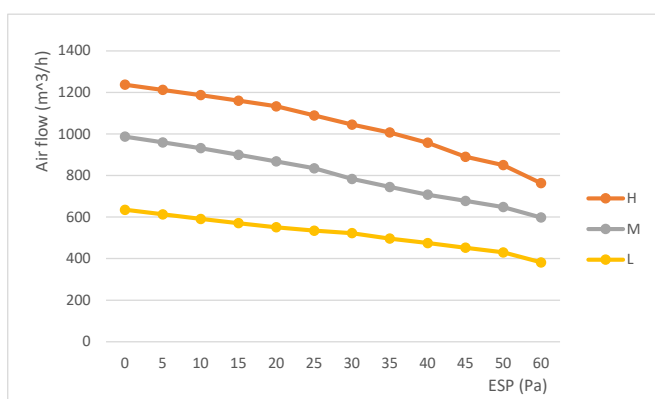
04H



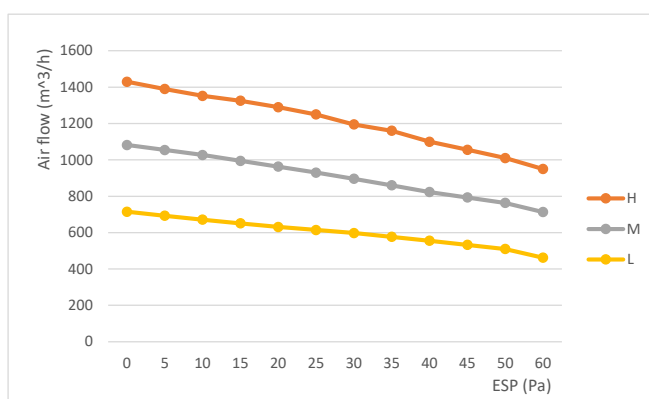
05H



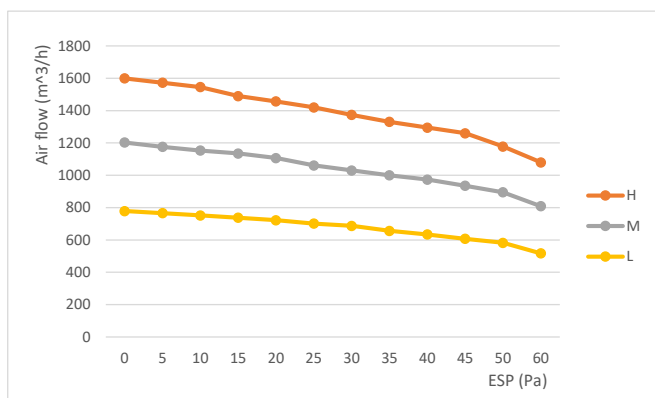
06H



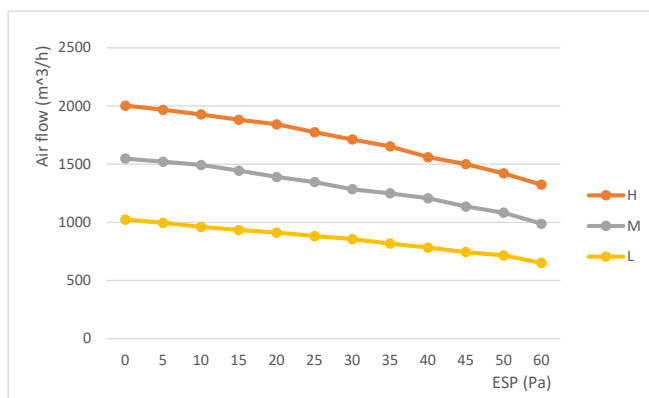
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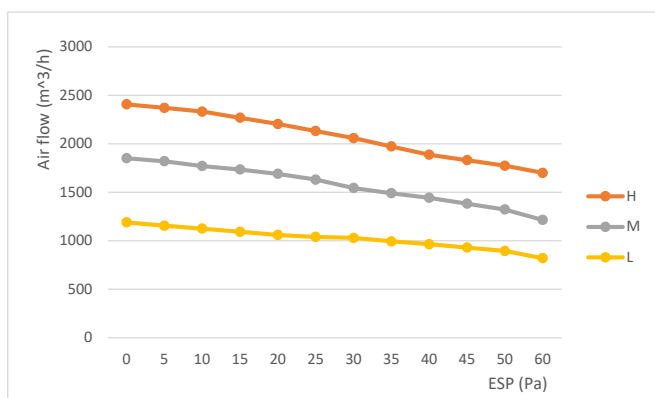
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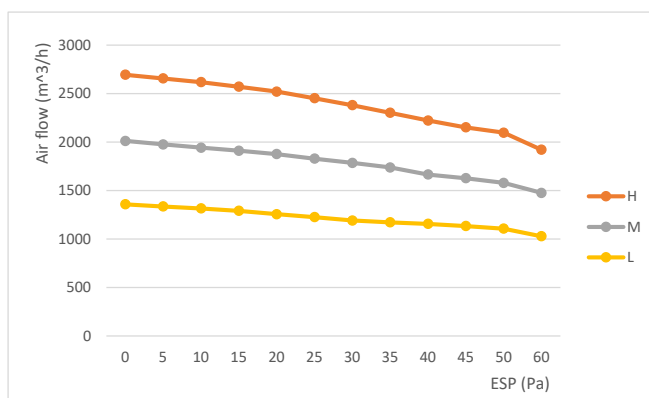
10H



12H

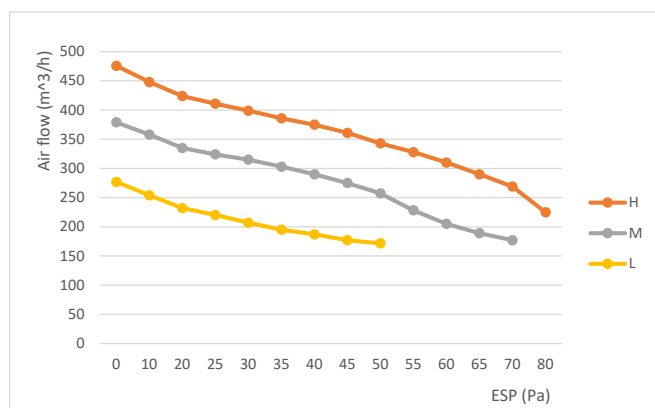


14H

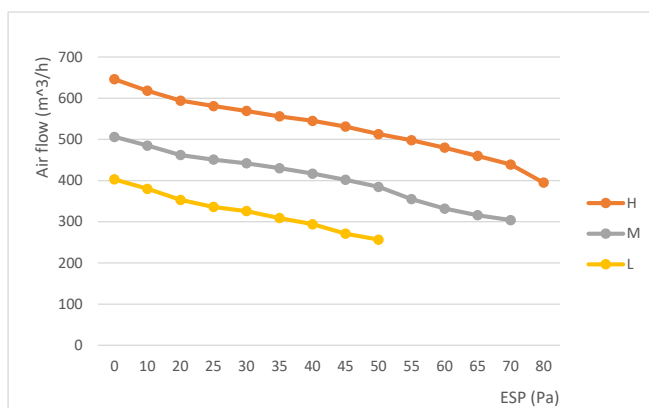


Models of 50Pa standard external static pressure MDKT3H-

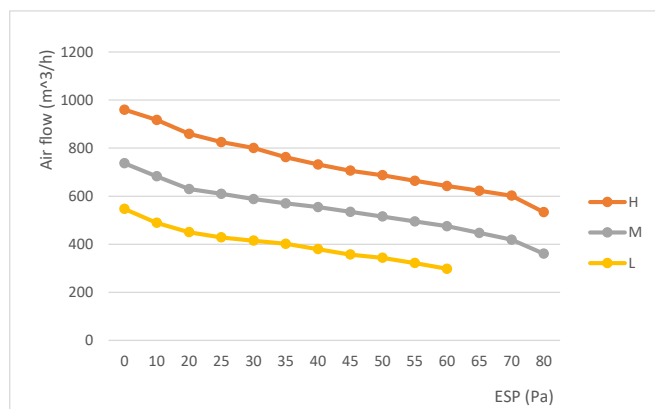
02U



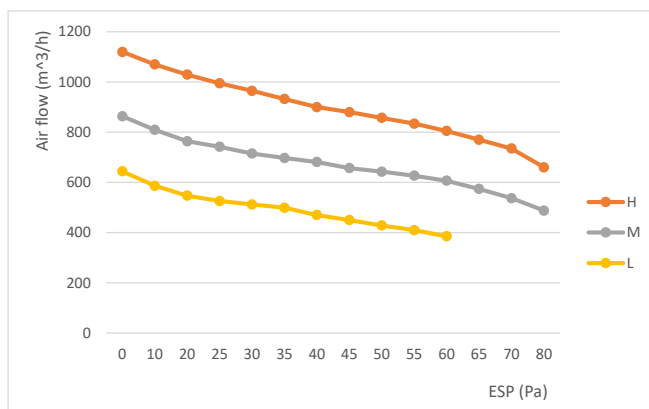
03U



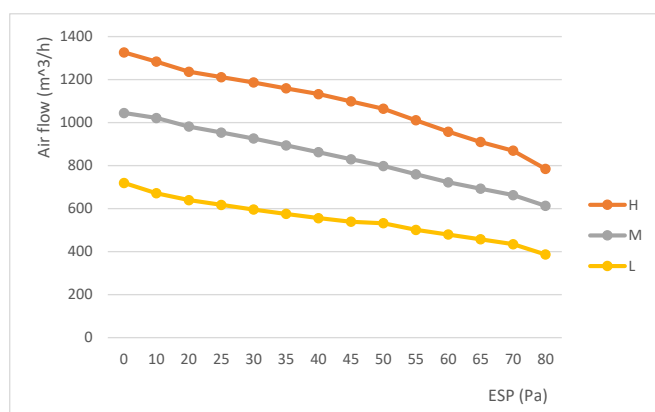
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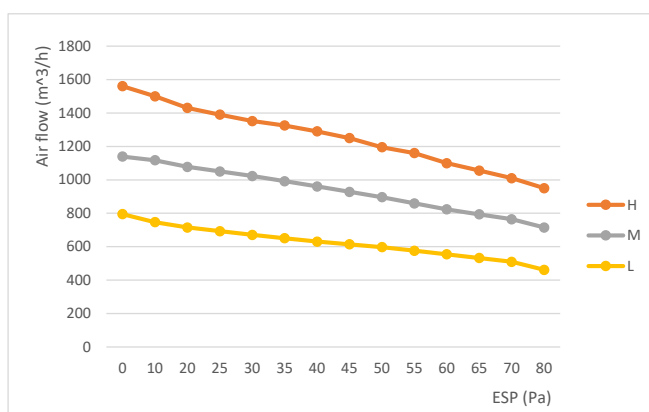
05U



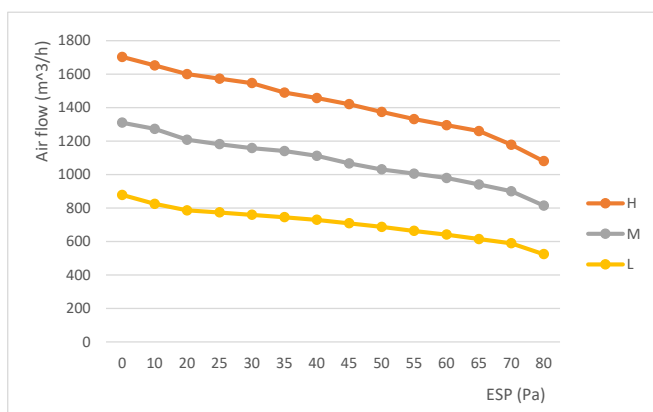
06U



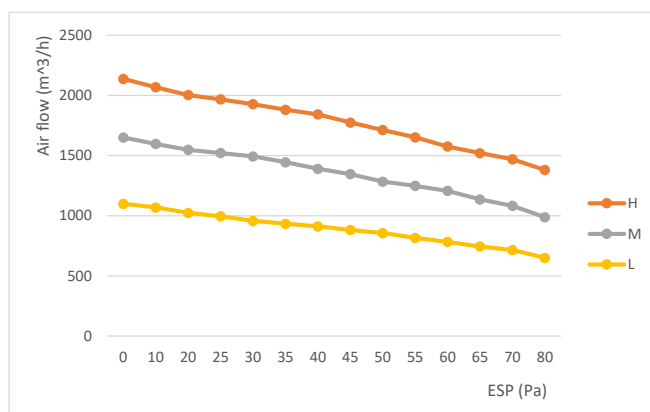
07U



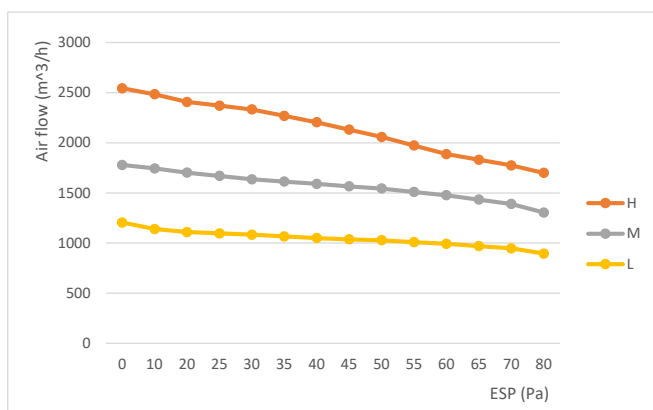
08U



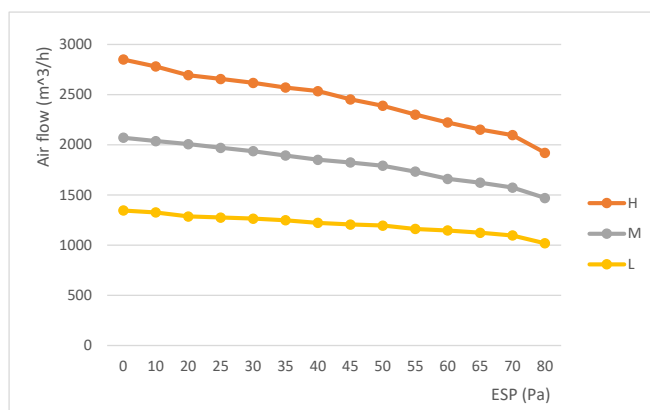
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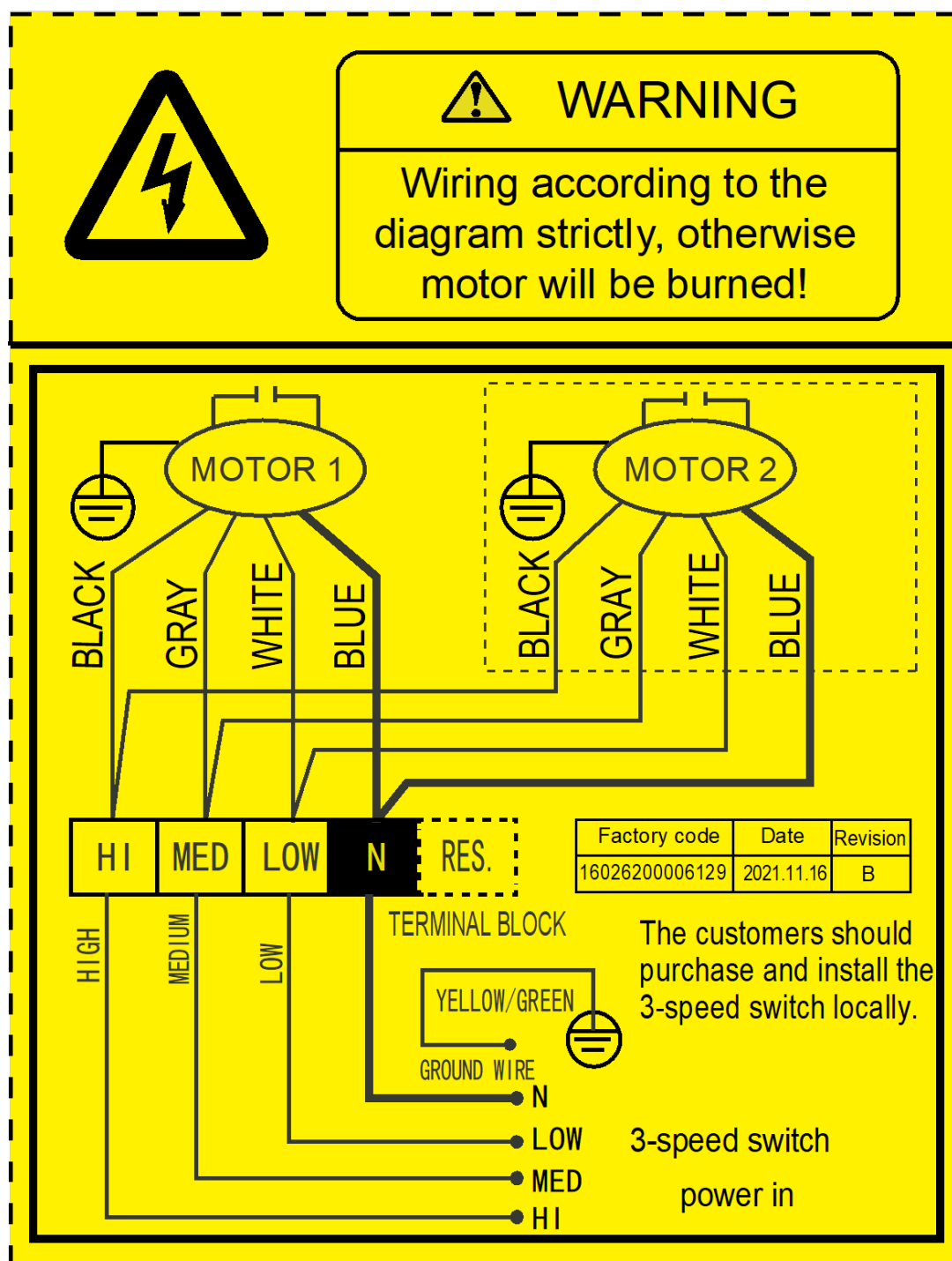
12U



14U



6 Wiring Diagrams



Notes:

- Black: high fan speed; Gray: medium fan speed; White: low fan speed; Blue: Neutral wire.
- Terminal 5 connects with reserved speed.
- Please connect wires properly, or the motor would be burned-out.

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)
MDKT3H-02S	50	220-240	198	264	0.20	15	34	0.16
MDKT3H-02H	50	220-240	198	264	0.25	15	43	0.20
MDKT3H-02U	50	220-240	198	264	0.28	15	47	0.22
MDKT3H-03S	50	220-240	198	264	0.21	15	37	0.17
MDKT3H-03H	50	220-240	198	264	0.36	15	63	0.29
MDKT3H-03U	50	220-240	198	264	0.40	15	70	0.32
MDKT3H-04S	50	220-240	198	264	0.38	15	63	0.30
MDKT3H-04H	50	220-240	198	264	0.41	15	72	0.33
MDKT3H-04U	50	220-240	198	264	0.55	15	94	0.44
MDKT3H-05S	50	220-240	198	264	0.45	15	78	0.36
MDKT3H-05H	50	220-240	198	264	0.51	15	91	0.41
MDKT3H-05U	50	220-240	198	264	0.65	15	112	0.52
MDKT3H-06S	50	220-240	198	264	0.53	15	91	0.42
MDKT3H-06H	50	220-240	198	264	0.63	15	110	0.50
MDKT3H-06U	50	220-240	198	264	0.75	15	130	0.60
MDKT3H-07S	50	220-240	198	264	0.66	15	116	0.53
MDKT3H-07H	50	220-240	198	264	0.69	15	120	0.55
MDKT3H-07U	50	220-240	198	264	0.88	15	154	0.70
MDKT3H-08S	50	220-240	198	264	0.70	15	123	0.56
MDKT3H-08H	50	220-240	198	264	0.83	15	146	0.67
MDKT3H-08U	50	220-240	198	264	0.98	15	169	0.78
MDKT3H-10S	50	220-240	198	264	0.88	15	155	0.70
MDKT3H-10H	50	220-240	198	264	1.05	15	184	0.84
MDKT3H-10U	50	220-240	198	264	1.19	15	215	0.95
MDKT3H-12S	50	220-240	198	264	1.10	15	96×2	0.44×2
MDKT3H-12H	50	220-240	198	264	1.31	15	115×2	1.05
MDKT3H-12U	50	220-240	198	264	1.60	15	137×2	0.64×2
MDKT3H-14S	50	220-240	198	264	1.35	15	110×2	0.54×2
MDKT3H-14H	50	220-240	198	264	1.40	15	123×2	1.12
MDKT3H-14U	50	220-240	198	264	1.88	15	180×2	0.75×2

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)

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Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.

