MDV 50Hz AC Fan Coil Unit
2-Pipe Duct Series
Technical Service Manual

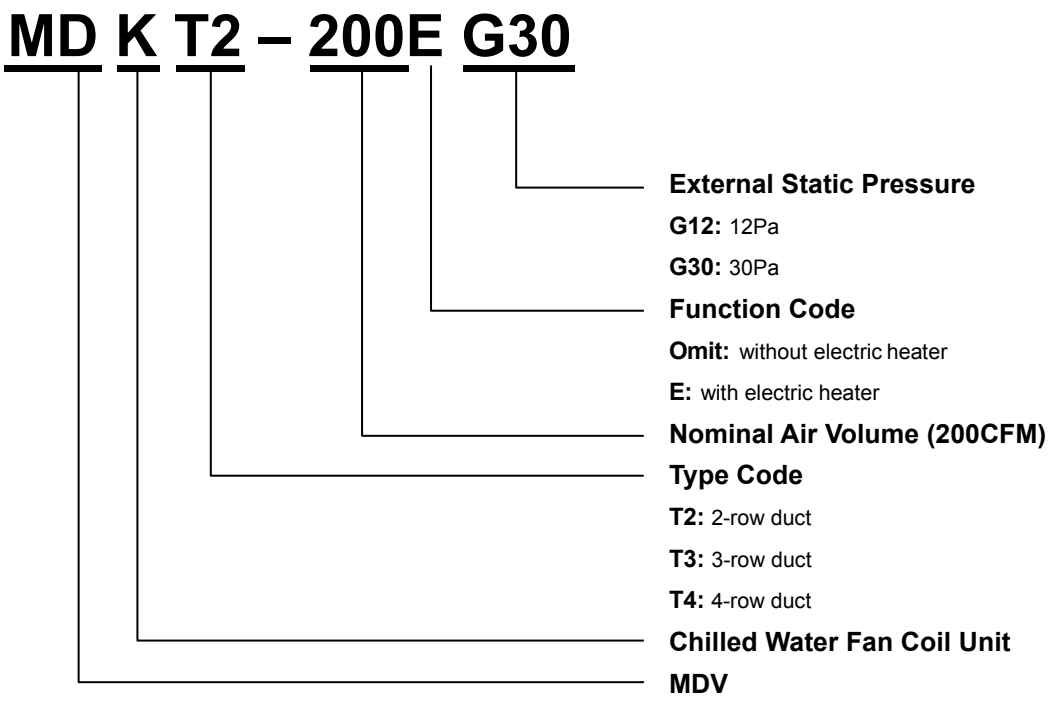
Content

1. Introduction

Fan coil unit is a kind of compound device which assemble fan and heat exchanger (coil) together. Fan coil with fresh air supply system is a main type of central air-conditioner system, so it is an important component of AC devices. A cooling (heating) supply system usually consists of fan coil terminals and chilled water system (heated water system).

MDV® commercial AC fan coil is designed and manufactured on the base of advanced technology, and utilize qualified galvanized iron as material. Due to its supper-thin design, it has such advantages: beautiful outlook, space saving, easy installation, etc. And the most obvious advantage is that it can decrease the outlet air Temp-difference as low as possible to make room more comfortable, as well as don't decrease cooling capacity output. For the large air flow volume design, it can increase room ventilation frequency, supply more flesh air, and balance room temperature distribution. Benefiting from adoption of advanced material and technology, it can effectively decrease the running noise and keep running smoothly. With the advantages above, it can be widely applied in market, hospital, office building, hotel, airport, etc.

2. Nomenclature



3. Product Schedule

Series	Model	Air volume (CFM)	External static pressure (Pa)	Electric heater	Power supply
2-row Duct	MDKT2-200G12	200	12	Without	220~240V-1Ph-50Hz
	MDKT2-300G12	300			
	MDKT2-400G12	400			
	MDKT2-500G12	500			
	MDKT2-600G12	600			
	MDKT2-800G12	800			
	MDKT2-1000G12	1000			
	MDKT2-1200G12	1200			
	MDKT2-1400G12	1400			
2-row Duct	MDKT2-200G30	200	30	Without	220~240V-1Ph-50Hz
	MDKT2-300G30	300			
	MDKT2-400G30	400			
	MDKT2-500G30	500			
	MDKT2-600G30	600			
	MDKT2-800G30	800			
	MDKT2-1000G30	1000			
	MDKT2-1200G30	1200			
	MDKT2-1400G30	1400			
	MDKT2-200EG30	200	30	With	
	MDKT2-300EG30	300			
	MDKT2-400EG30	400			
	MDKT2-500EG30	500			
	MDKT2-600EG30	600			
	MDKT2-800EG30	800			
	MDKT2-1000EG30	1000			
	MDKT2-1200EG30	1200			
	MDKT2-1400EG30	1400			
3-row Duct	MDKT3-200G12	200	12	Without	220~240V-1Ph-50Hz
	MDKT3-300G12	300			
	MDKT3-400G12	400			
	MDKT3-500G12	500			
	MDKT3-600G12	600			
	MDKT3-800G12	800			
	MDKT3-1000G12	1000			
	MDKT3-1200G12	1200			
	MDKT3-1400G12	1400			

Series	Model	Air volume (CFM)	External static pressure (Pa)	Electric heater	Power supply
3-row Duct	MDKT3-200G30	200	30	Without	220~240V-1Ph-50Hz
	MDKT3-300G30	300			
	MDKT3-400G30	400			
	MDKT3-500G30	500			
	MDKT3-600G30	600			
	MDKT3-800G30	800			
	MDKT3-1000G30	1000			
	MDKT3-1200G30	1200			
	MDKT3-1400G30	1400			
	MDKT3-200EG30	200	30	With	
	MDKT3-300EG30	300			
	MDKT3-400EG30	400			
	MDKT3-500EG30	500			
	MDKT3-600EG30	600			
	MDKT3-800EG30	800			
	MDKT3-1000EG30	1000			
	MDKT3-1200EG30	1200			
	MDKT3-1400EG30	1400			

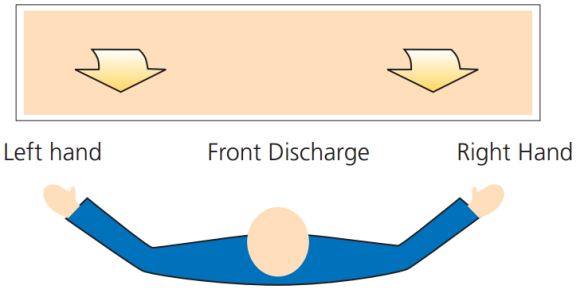
Series	Model	Air volume (CFM)	External static pressure (Pa)	Power supply
4-row Duct	MDKT4-200G30	200	30	220~240V-1Ph-50Hz
	MDKT4-300G30	300		
	MDKT4-400G30	400		
	MDKT4-500G30	500		
	MDKT4-600G30	600		
	MDKT4-800G30	800		
	MDKT4-1000G30	1000		
	MDKT4-1200G30	1200		
	MDKT4-1400G30	1400		
	MDKT4-1500	1500	30	
	MDKT4H-1500G50	1500	50	
	MDKT4-2000	2000	30	
	MDKT4H-2000G50	2000	50	

Note: The units in the table are standard. For the 2-row duct unit, factory-installed electric heater for 12Pa static pressure units can be customized. For the 3-row duct 50Pa static pressure can be customized, and factory-installed electric heater for all the units can be customized.

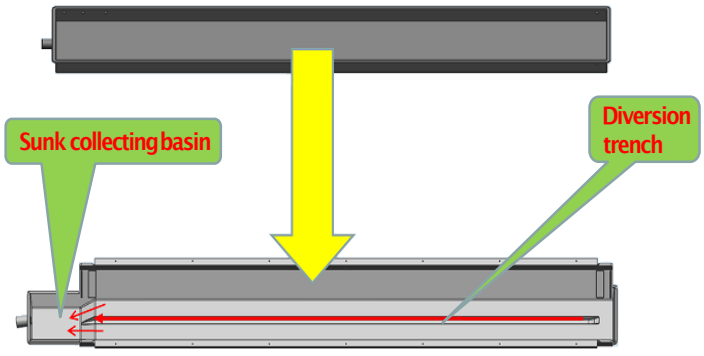
4. External Appearance

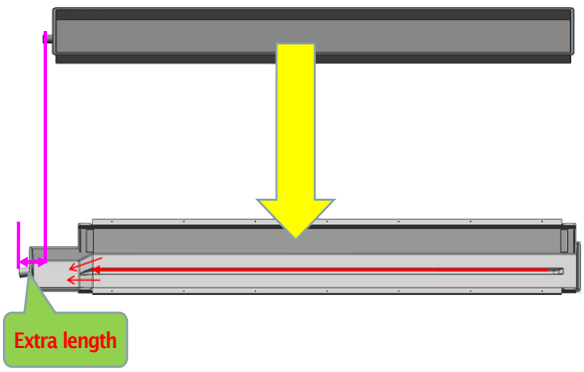
5. Features

- **Wide external static pressure supplying.**
  For 2-row unit, two external static pressure (12Pa/30Pa) setting for added flexibility.
  For 3-row and 4-row unit, 12Pa and 30Pa ESP are standard, 50 Pa can be customized.
- **Left or right hand piping connections, field convertible.**

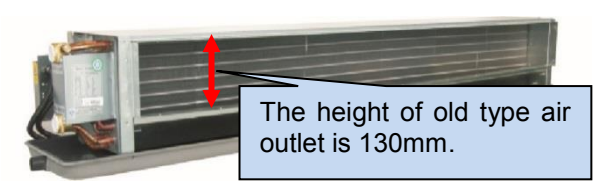


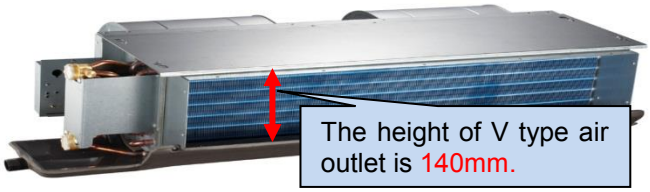
- **Quiet operation.**
  A patent design is able to prevent abnormal noise caused by blowing fins.
- **Superior air distribution**
  As the conditioned air can be distributed to every corner of the area by air duct, this will ensure more pleasant living environment, thus provide extra comfort to the occupants.
- **Fresh air supply makes life healthier and more comfortable**
- **Air return plenum**
  Units with air return plenum is standard and units without air return plenum can be customized.
- **V type drain pan**
  Diversion trench and sunk collecting basin design making better drainage. Longer length of V type drain pan can better receive the drain ,water dripping from the water piping and valve connection.





The performance is improved for larger air outlet area.





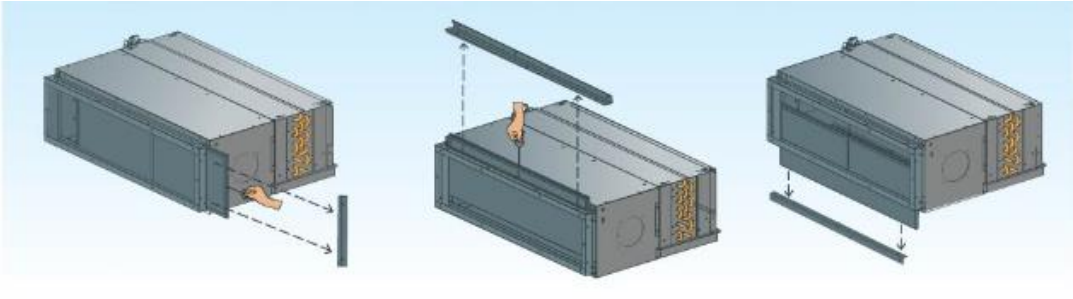
- **Electric heater**

  Safe factory-installed electric heater is an option for unit.

- **Washable filter**

  Iron frame filter is standard, and aluminum frame filter can be customized.

  Air outlet flange and multi-direction pull-out filter can be customized.



- **Optional wired controller**

  Optional wired controller offers simple and flexibility in controlling the unit.

- **Wide application area**

  220-240V/1Ph/50Hz power supply is standard and 208-230V/1Ph/60Hz can be customized.

6. Specifications

2-row Duct

Model **MDKT2-**				**200G12 200G30 200EG30**	**300G12 300G30 300EG30**	**400G12 400G30 400EG30**
Air flow		H/M/L	m^3/h	340/255/170	510/385/255	680/510/340
		H/M/L	CFM	200/150/100	300/225/150	400/300/200
External Static pressure			Pa	G12 models: 12; G30 models: 30		
Cooling	Capacity	H/M/L	kW	2/1.74/1.52	2.7/2.31/2.03	3.6/3.11/2.66
	Water flow rate	H	L/h	344	464	619
	Water pressure drop	H	kPa	5	11	19
Heating	Capacity	H/M/L	kW	3.2/2.75/2.37	4.3/3.74/3.23	5.4/4.64/4.05
	Water pressure drop	H	kPa	4.2	9.5	15.5
Power supply			V/ph/Hz	220-240/1/50		
Current Input	12Pa	H	A	0.14	0.22	0.27
	30Pa	H	A	0.20	0.27	0.30
Power input	12Pa	H	W	31	50	60
	30Pa	H	W	45	60	67
Electric heater capacity		E	W	550	600	1100
Sound pressure level	12Pa	H/M/L	dB(A)	36/34/29	38/33/29	38/35/31
	30Pa	H/M/L	dB(A)	41/37/31	41/37/32	42/39/33
Fan motor	Type			Low noise 4-speed fan motor		
	Quantity			1	1	1
Fan	Type			Centrifugal, forward-curved Blades		
	Quantity			1	2	2
Coil	Row			2		
	Max. working pressure		MPa	1.6		
	Diameter		mm	Φ9.52		
Body	Dimensions	W×H×D	mm	741×241×522	841×241×522	941×241×522
	Packing	W×H×D	mm	790×260×550	890×260×550	990×260×550
	Net weight	*/E	kg	13.9/14.5	16.5/18	19.2/20.7
	Gross weight	*/E	kg	16.2/17.7	19/20.5	21.6/23.1
Pipe connection	Water inlet/outlet pipe		inch	RC3/4		
	Drain pipe		mm	ODΦ24		

Notes:

1. H: high fan speed; M: medium fan speed; L: low fan speed
2. * for units without electric heater, E for units with electric heater.
3. The data is based on 12Pa external static pressure for G12 models, 30Pa for G30 models.
4. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
   Heating conditions: entering water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
5. Noise is tested in semi-anechoic test room.

2-row Duct

Model **MDKT2-**				**500G12 500G30 500EG30**	**600G12 600G30 600EG30**	**800G12 800G30 800EG30**
Air flow		H/M/L	m^3/h	850/640/425	1020/765/510	1360/1020/680
		H/M/L	CFM	500/375/250	600/450/300	800/600/400
External Static pressure			Pa	G12 models: 12; G30 models: 30		
Cooling	Capacity	H/M/L	kW	4.4/3.74/3.25	5.5/4.58/4.09	7.5/6.33/5.68
	Water flow rate	H	L/h	757	946	1290
	Water pressure drop	H	kPa	22	14	14
Heating	Capacity	H/M/L	kW	6.8/5.78/5.07	8.1/6.77/5.92	11/9.48/8.25
	Water pressure drop	H	kPa	18.3	11.8	12.5
Power supply			V/ph/Hz	220-240/1/50		
Power input	12Pa	H	W	80	97	140
	30Pa	H	W	89	110	130
Current Input	12Pa	H	A	0.36	0.44	0.64
	30Pa	H	A	0.40	0.50	0.59
Electric heater capacity		E	W	1100	1600	2000
Sound pressure level	12Pa	H/M/L	dB(A)	39/36/32	40/36/33	42/37/33
	30Pa	H/M/L	dB(A)	45/41/34	46/41/35	46/41/36
Fan motor	Type			Low noise 4-speed fan motor		
	Quantity			1	1	2
Fan	Type			Centrifugal, forward-curved Blades		
	Quantity			2	2	4
Coil	Row			2		
	Max. working pressure		MPa	1.6		
	Diameter		mm	Φ9.52		
Body	Dimensions	W×H×D	mm	941×241×522	1161×241×522	1461×241×522
	Packing	W×H×D	mm	990×260×550	1210×260×550	1510×260×550
	Net weight	*/E	kg	19.2/20.7	22/24	30.9/33.4
	Gross weight	*/E	kg	21.6/23.1	25/27	34.5/37
Pipe connection	Water inlet/outlet pipe		inch	RC3/4		
	Drain pipe		mm	ODΦ24		

Notes:

1. H: high fan speed; M: medium fan speed; L: low fan speed
2. * for units without electric heater, E for units with electric heater.
3. The data is based on 12Pa external static pressure for G12 models, 30Pa for G30 models.
4. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
   Heating conditions: entering water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
5. Noise is tested in semi-anechoic test room.

2-row Duct

Model **MDKT2-**				**1000G12 1000G30 1000EG30**	**1200G12 1200G30 1200EG30**	**1400G12 1400G30 1400EG30**
Air flow		H/M/L	m^3/h	1700/1275/850	2040/1530/1020	2380/1785/1190
		H/M/L	CFM	1000/750/500	1200/900/600	1400/1050/700
External Static pressure			Pa	G12 models: 12; G30 models: 30		
Cooling	Capacity	H/M/L	kW	8.9/7.61/6.41	10.8/9.13/7.93	12.3/10.46/9.27
	Water flow rate	H	L/h	1531	1858	2116
	Water pressure drop	H	kPa	22	39	46
Heating	Capacity	H/M/L	kW	13.5/11.72/10.03	16.5/14.05/12.24	19.5/16.85/14.63
	Water pressure drop	H	kPa	19	32.6	40.1
Power supply			V/ph/Hz	220-240/1/50		
Power input	12Pa	H	W	172	205	216
	30Pa	H	W	171	212	249
Current Input	12Pa	H	A	0.78	0.93	0.98
	30Pa	H	A	0.78	0.98	1.13
Electric heater capacity		E	W	2200	3200	3200
Sound pressure level	12Pa	H/M/L	dB(A)	44/39/34	46/40/35	48/42/37
	30Pa	H/M/L	dB(A)	47/43/37	48/44/38	49/44/39
Fan motor	Type			Low noise 4-speed fan motor		
	Quantity			2	2	2
Fan	Type			Centrifugal, forward-curved Blades		
	Quantity			4	4	4
Coil	Row			2		
	Max. working pressure		MPa	1.6		
	Diameter		mm	Φ9.52		
Body	Dimensions	W×H×D	mm	1566×241×522	1856×241×522	2022×241×522
	Packing	W×H×D	mm	1615×260×550	1905×260×550	2070×260×550
	Net weight	*/E	kg	33.4/36.4	38.5/42	42.1/46.1
	Gross weight	*/E	kg	37/40	42/45.5	47.5/51.5
Pipe connection	Water inlet/outlet pipe		inch	RC3/4		
	Drain pipe		mm	ODΦ24		

Notes:

1. H: high fan speed; M: medium fan speed; L: low fan speed
2. * for units without electric heater, E for units with electric heater.
3. The data is based on 12Pa external static pressure for G12 models, 30Pa for G30 models.
4. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
   Heating conditions: entering water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
5. Noise is tested in semi-anechoic test room.

3-row Duct

Model **MDKT3-**				**200G12 200G30 200EG30**	**300G12 300G30 300EG30**	**400G12 400G30 400EG30**
Air flow		H/M/L	m^3/h	340/255/170	510/385/255	680/510/340
		H/M/L	CFM	200/150/100	300/225/150	400/300/200
External Static pressure			Pa	G12 models: 12; G30 models: 30		
Cooling	Capacity	H/M/L	kW	2.2/1.9/1.68	3.1/2.7/2.3	4/3.4/2.95
	Water flow rate	H	L/h	378	533	688
	Water pressure drop	H	kPa	14	26	18
Heating	Capacity	H/M/L	kW	3.5/3.08/2.59	5.3/4.61/3.98	6.8/5.85/5.1
	Water pressure drop	H	kPa	10.5	21.8	16.9
Power supply			V/Ph/Hz	220-240/1/50		
Power input	12Pa	H	W	33	53	66
	30Pa	H	W	49	64	75
Current Input	12Pa	H	W	0.15	0.24	0.30
	30Pa	H	W	0.22	0.29	0.34
Electric heater capacity		E	W	550	600	1100
Sound pressure level	12Pa	H/M/L	dB(A)	35/32/26	36/33/27	37/34/28
	30Pa	H/M/L	dB(A)	41/37/31	42/38/32	43/39/33
Fan motor	Type			Low noise 4-speed fan motor		
	Quantity			1	1	1
Fan	Type			Centrifugal, forward-curved Blades		
	Quantity			1	2	2
Coil	Row			3		
	Max. working pressure		MPa	1.6		
	Diameter		mm	Φ9.52		
Body	Dimensions	W×H×D	mm	741×241×522	841×241×522	941×241×522
	Packing	W×H×D	mm	790×260×550	890×260×550	990×260×550
	Net weight	*/E	kg	14.6/16.1	17/18.5	20.2/21.7
	Gross weight	*/E	kg	16.9/18.4	19.5/21	22.6/24.1
Pipe connection	Water inlet/outlet pipe		inch	RC3/4		
	Drain pipe		mm	ODΦ24		

Notes:

1. H: high fan speed; M: medium fan speed; L: low fan speed
2. * for units without electric heater, E for units with electric heater.
3. The data is based on 12Pa external static pressure for G12 models, 30Pa for G30 models.
4. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
   Heating conditions: entering water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
5. Noise is tested in semi-anechoic test room.

3-row Duct

Model **MDKT3-**				**500G12 500G30 500EG30**	**600G12 600G30 600EG30**	**800G12 800G30 800EG30**
Air flow		H/M/L	m^3/h	850/640/425	1020/765/510	1360/1020/680
		H/M/L	CFM	500/375/250	600/450/300	800/600/400
External Static pressure			Pa	G12 models: 12; G30 models: 30		
Cooling	Capacity	H/M/L	kW	4.6/3.96/3.45	5.8/4.88/4.45	8.2/6.88/6.25
	Water flow rate	H	L/h	791	998	1410
	Water pressure drop	H	kPa	24	36	39
Heating	Capacity	H/M/L	kW	7.9/6.95/6	9.8/8.6/7.4	13.6/11.97/10.2
	Water pressure drop	H	kPa	22.3	31.6	33.8
Power supply			V/Ph/Hz	220-240/1/50		
Power input	12Pa	H	W	87	100	145
	30Pa	H	W	93	114	154
Current Input	12Pa	H	W	0.39	0.45	0.66
	30Pa	H	W	0.42	0.52	0.70
Electric heater capacity		E	W	1100	1600	2000
Sound pressure level	12Pa	H/M/L	dB(A)	40/36/30	42/38/32	43/39/33
	30Pa	H/M/L	dB(A)	44/40/34	45/41/35	46/42/36
Fan motor	Type			Low noise 4-speed fan motor		
	Quantity			1	1	2
Fan	Type			Centrifugal, forward-curved Blades		
	Quantity			2	2	4
Coil	Row			3		
	Max. working pressure		MPa	1.6		
	Diameter		mm	Φ9.52		
Body	Dimensions	W×H×D	mm	941×241×522	1161×241×522	1461×241×522
	Packing	W×H×D	mm	990×260×550	1210×260×550	1510×260×550
	Net weight	*/E	kg	20.2/21.7	23/25	31.9/34.4
	Gross weight	*/E	kg	22.6/24.1	26/28	35.5/38
Pipe connection	Water inlet/outlet pipe		inch	RC3/4		
	Drain pipe		mm	ODΦ24		

Notes:

1. H: high fan speed; M: medium fan speed; L: low fan speed
2. * for units without electric heater, E for units with electric heater.
3. The data is based on 12Pa external static pressure for G12 models, 30Pa for G30 models.
4. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
   Heating conditions: entering water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
5. Noise is tested in semi-anechoic test room.

3-row Duct

Model **MDKT3-**				**1000G12 1000G30 1000EG30**	**1200G12 1200G30 1200EG30**	**1400G12 1400G30 1400EG30**
Air flow		H/M/L	m^3/h	1700/1275/850	2040/1530/1020	2380/1785/1190
		H/M/L	CFM	1000/750/500	1200/900/600	1400/1050/700
External Static pressure			Pa	G12 models: 12; G30 models: 30		
Cooling	Capacity	H/M/L	kW	9/7.8/6.57	11/9.8/8.35	12.5/10.8/9.44
	Water flow rate	H	L/h	1548	1892	2150
	Water pressure drop	H	kPa	32	39	45
Heating	Capacity	H/M/L	kW	16/14.24/12	20.1/18.27/15.43	21/18.7/15.75
	Water pressure drop	H	kPa	30.7	34.6	40.1
Power supply			V/Ph/Hz	220-240/1/50		
Power input	12Pa	H	W	180	210	222
	30Pa	H	W	180	220	278
Current Input	12Pa	H	W	0.82	0.93	1.01
	30Pa	H	W	0.82	1.00	1.02
Electric heater capacity		E	W	2200	3200	3200
Sound pressure level	12Pa	H/M/L	dB(A)	45/41/35	46/42/36	48/44/38
	30Pa	H/M/L	dB(A)	47/43/37	48/44/38	49/45/39
Fan motor	Type			Low noise 4-speed fan motor		
	Quantity			2	2	2
Fan	Type			Centrifugal, forward-curved Blades		
	Quantity			4	4	4
Coil	Row			3		
	Max. working pressure		MPa	1.6		
	Diameter		mm	Φ9.52		
Body	Dimensions	W×H×D	mm	1566×241×522	1856×241×522	2022×241×522
	Packing	W×H×D	mm	1615×260×550	1905×260×550	2070×260×550
	Net weight	*/E	kg	34.4/37.4	39.5/43	43.1/47.1
	Gross weight	*/E	kg	38.1/41.1	43/46.5	48.4/52.4
Pipe connection	Water inlet/outlet pipe		inch	RC3/4		
	Drain pipe		mm	ODΦ24		

Notes:

1. H: high fan speed; M: medium fan speed; L: low fan speed
2. * for units without electric heater, E for units with electric heater.
3. The data is based on 12Pa external static pressure for G12 models, 30Pa for G30 models.
4. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
   Heating conditions: entering water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
5. Noise is tested in semi-anechoic test room.

4-row Duct

Model **MDKT4-**				**200G30**	**300G30**	**400G30**
Air flow		H/M/L	m^3/h	340/255/170	510/385/255	680/510/340
		H/M/L	CFM	200/150/100	300/225/150	400/300/200
External Static pressure			Pa	30	30	30
Cooling	Capacity	H/M/L	kW	2.5/2.16/1.87	3.3/2.85/2.47	4.4/3.72/3.22
	Water flow rate	H	L/h	430	568	757
	Water pressure drop	H	kPa	2.6	5	8.1
Heating	Capacity	H/M/L	kW	4.1/3.51/3.03	5.8/5.05/4.35	7.1/6.11/5.33
	Water pressure drop	H	kPa	2.2	4.2	6.9
Power supply			V/Ph/Hz	220-240/1/50		
Power input		H	W	50	65	80
Current Inpu		H	A	0.22	0.29	0.36
Sound pressure level		H/M/L	dB(A)	37/33/27	38/34/28	38/35/29
Fan motor	Type			Low noise 4-speed fan motor		
	Quantity			1	1	1
Fan	Type			Centrifugal, forward-curved Blades		
	Quantity			1	2	2
Coil	Row			4		
	Max. Working pressure		MPa	1.6		
	Diameter		mm	Φ9.52		
Body	Dimensions	W×H×D	mm	741×241×522	841×241×522	941×241×522
	Net weight		kg	15.3	17.5	20.7
	Packing	W×H×D	mm	790×260×550	890×260×550	990×260×550
	Gross weight		kg	17.6	20	23.1
Pipe connection	Water inlet/outlet pipe		inch	RC3/4		
	Drain pipe		mm	ODΦ24		

Note:

1. H: high speed; M: medium speed; L: low speed
2. The data is based on 30Pa external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
   Heating conditions: entering water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
4. Noise is tested in semi-anechoic test room.

4-row Duct

Model **MDKT4-**				**500G30**	**600G30**	**800G30**
Air flow		H/M/L	m^3/h	850/640/425	1020/765/510	1360/1020/680
		H/M/L	CFM	500/375/250	600/450/300	800/600/400
External Static pressure			Pa	30	30	30
Cooling	Capacity	H/M/L	kW	4.8/4.18/3.64	6.2/5.38/4.65	8.8/7.43/6.57
	Water flow rate	H	L/h	826	1066	1514
	Water pressure drop	H	kPa	9.8	15.4	12.3
Heating	Capacity	H/M/L	kW	8.5/7.04/6.28	10.5/9.03/7.77	14.5/12.38/10.88
	Water pressure drop	H	kPa	8.1	12.7	10
Power supply			V/Ph/Hz	220-240/1/50		
Power input		H	W	95	110	155
Current Input		H	A	0.44	0.5	0.7
Sound pressure level		H/M/L	dB(A)	40/35/30	41/36/31	42/37/32
Fan motor	Type			Low noise 4-speed fan motor		
	Quantity			1	1	2
Fan	Type			Centrifugal, forward-curved Blades		
	Quantity			2	2	4
Coil	Row			4		
	Max. Working pressure		MPa	1.6		
	Diameter		mm	Φ9.52		
Body	Dimensions	W×H×D	mm	941×241×522	1161×241×522	1461×241×522
	Net weight		kg	20.7	23.5	32.9
	Packing	W×H×D	mm	990×260×550	1210×260×550	1510×260×550
	Gross weight		kg	23.1	26.5	36.5
Pipe connection	Water inlet/outlet pipe		inch	RC3/4		
	Drain pipe		mm	ODΦ24		

Note:

1. H: high speed; M: medium speed; L: low speed
2. The data is based on 30Pa external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
   Heating conditions: entering water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
4. Noise is tested in semi-anechoic test room.

4-row Duct

Model **MDKT4-**				**1000G30**	**1200G30**	**1400G30**
Air flow		H/M/L	m^3/h	1700/1275/850	2040/1530/1020	2380/1785/1190
		H/M/L	CFM	1000/750/500	1200/900/600	1400/1050/700
External Static pressure			Pa	30	30	30
Cooling	Capacity	H/M/L	kW	9.5/8.18/7.06	11.8/9.82/8.74	13/11.23/9.83
	Water flow rate	H	L/h	1634	2030	2236
	Water pressure drop	H	kPa	18	21.2	24.7
Heating	Capacity	H/M/L	kW	16.3/13.45/12.05	16.5/14.05/12.23	17/14.31/12.69
	Water pressure drop	H	kPa	15.4	17.6	20.8
Power supply			V/Ph/Hz	220-240/1/50		
Power input		H	W	180	220	275
Current Input		H	A	0.82	1.00	1.25
Sound pressure level		H/M/L	dB(A)	44/39/33	45/40/34	47/42/36
Fan motor	Type			Low noise 4-speed fan motor		
	Quantity			2	2	2
Fan	Type			Centrifugal, forward-curved Blades		
	Quantity			4	4	4
Coil	Row			4		
	Max. Working pressure		MPa	1.6		
	Diameter		mm	Φ9.52		
Body	Dimensions	W×H×D	mm	1566×241×522	1856×241×522	2022×241×522
	Net weight		kg	35.4	40.5	44.1
	Packing	W×H×D	mm	1615×260×550	1905×260×550	2070×260×550
	Gross weight		kg	39.1	44	49.4
Pipe connection	Water inlet/outlet pipe		inch	RC3/4		
	Drain pipe		mm	ODΦ24		

Note:

1. H: high speed; M: medium speed; L: low speed
2. The data is based on 30Pa external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
   Heating conditions: entering water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
4. Noise is tested in semi-anechoic test room.

4-row Duct

Model **MDKT4(H)-**				**1500**	**1500G50**
Air flow		H/M/L	m^3/h	2550/2100/1300	2550/2100/1300
		H/M/L	CFM	1500/1240/760	1500/1240/760
External Static pressure			Pa	30	50
Cooling	Capacity	H/M/L	kW	13.5/11.5/10.1	13.5/11.5/10.1
	Water flow rate	H	L/h	2322	2322
	Water pressure drop	H	kPa	11.5	11.5
Heating	Capacity	H/M/L	kW	17.5/14.9/13.2	17.5/14.9/13.2
	Water pressure drop	H	kPa	10	10
Power supply			V/Ph/Hz	220-240/1/50	
Power input		H	W	236	474
Current Input		H	A	1.08	2.15
Sound pressure level		H/M/L	dB(A)	48/44/39	51/47/42
Fan motor	Type			Low noise 4-speed fan motor	
	Quantity			1	1
Fan	Type			Centrifugal, forward-curved Blades	
	Quantity			2	2
Coil	Row			4	
	Max. Working pressure		MPa	1.6	
	Diameter		mm	Φ9.52	
Body	Dimensions	W×H×D	mm	1369×342×612	1369×342×612
	Packing	W×H×D	mm	1421×381×619	1421×381×619
	Net weight		kg	46	46
	Gross weight		kg	49.8	50
Pipe connection	Water inlet/outlet pipe		inch	RC3/4	
	Drain pipe		mm	ODΦ24	

Note:

1. H: high speed; M: medium speed; L: low speed
2. The data is based on 30Pa external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
   Heating conditions: entering water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
4. Noise is tested in semi-anechoic test room.

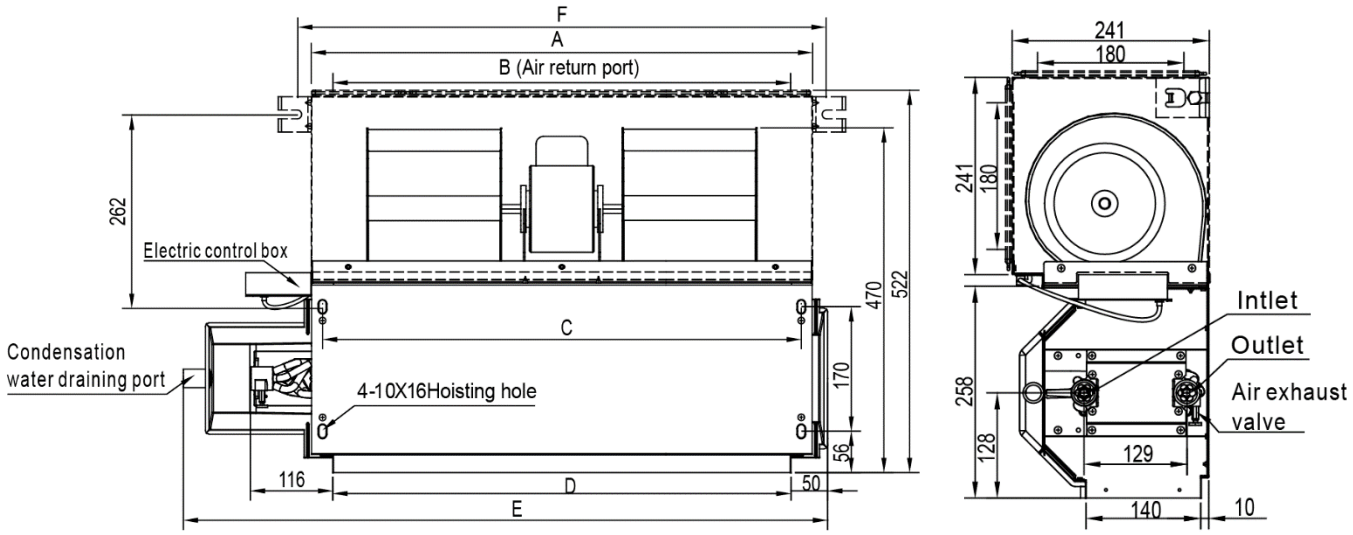
4-row Duct

Model **MDKT4(H)-**				**2000**	**2000G50**
Air flow		H/M/L	m^3/h	3400/2550/1700	3400/2550/1700
		H/M/L	CFM	2000/1500/1000	2000/1500/1000
External Static pressure			Pa	30	50
Cooling	Capacity	H/M/L	kW	18/15.3/13.5	18/15.3/13.5
	Water flow rate	H	L/h	3096	3096
	Water pressure drop	H	kPa	26.2	26.2
Heating	Capacity	H/M/L	kW	23.4/19.8/17.5	23.4/19.8/17.5
	Water pressure drop	H	kPa	24.3	24.3
Power supply			V/Ph/Hz	220-240/1/50	
Power input		H	W	360	665
Current Input		H	A	1.64	3.02
Sound pressure level		H/M/L	dB(A)	50/46/41	53/49/44
Fan motor	Type			Low noise 4-speed fan motor	
	Quantity			1	1
Fan	Type			Centrifugal, forward-curved Blades	
	Quantity			3	3
Coil	Row			4	
	Max. Working pressure		MPa	1.6	
	Diameter		mm	Φ9.52	
Body	Dimensions	W×H×D	mm	1500×342×612	1500×342×612
	Packing	W×H×D	mm	1552×381×619	1552×381×619
	Net weight		kg	57	53.7
	Gross weight		kg	61	58.6
Pipe connection	Water inlet/outlet pipe		inch	RC3/4	
	Drain pipe		mm	ODΦ24	

Note:

1. H: high speed; M: medium speed; L: low speed
2. The data is based on 30Pa external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
   Heating conditions: entering water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
4. Noise is tested in semi-anechoic test room.

7. Dimension

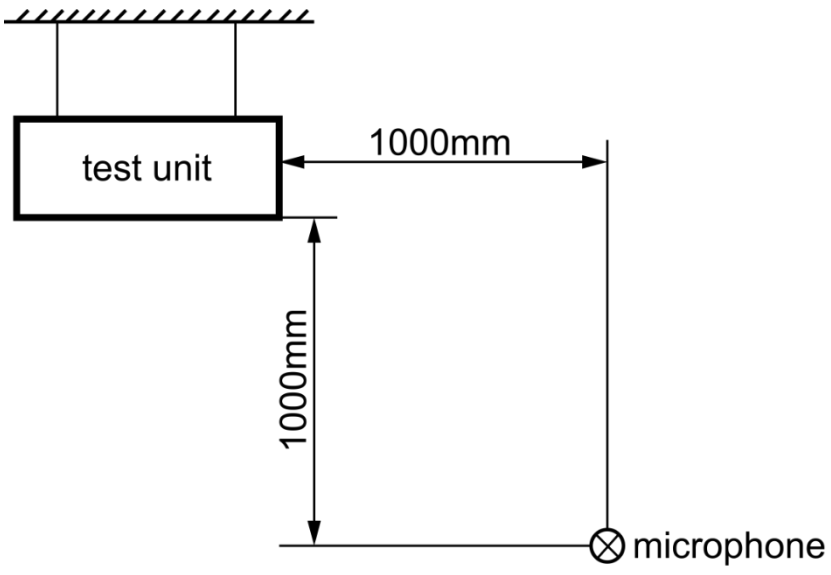


Model / Size	200	300	400 500	600	800	1000	1200	1400
A	545	645	745	965	1265	1370	1660	1826
B	484	585	685	905	1205	1310	1600	1766
C	513	613	713	933	1233	1338	1628	1794
D	485	585	685	905	1205	1310	1600	1766
E	741	841	941	1161	1461	1566	1856	2022
F	583	683	783	1003	1303	1408	1698	1864

Notes:

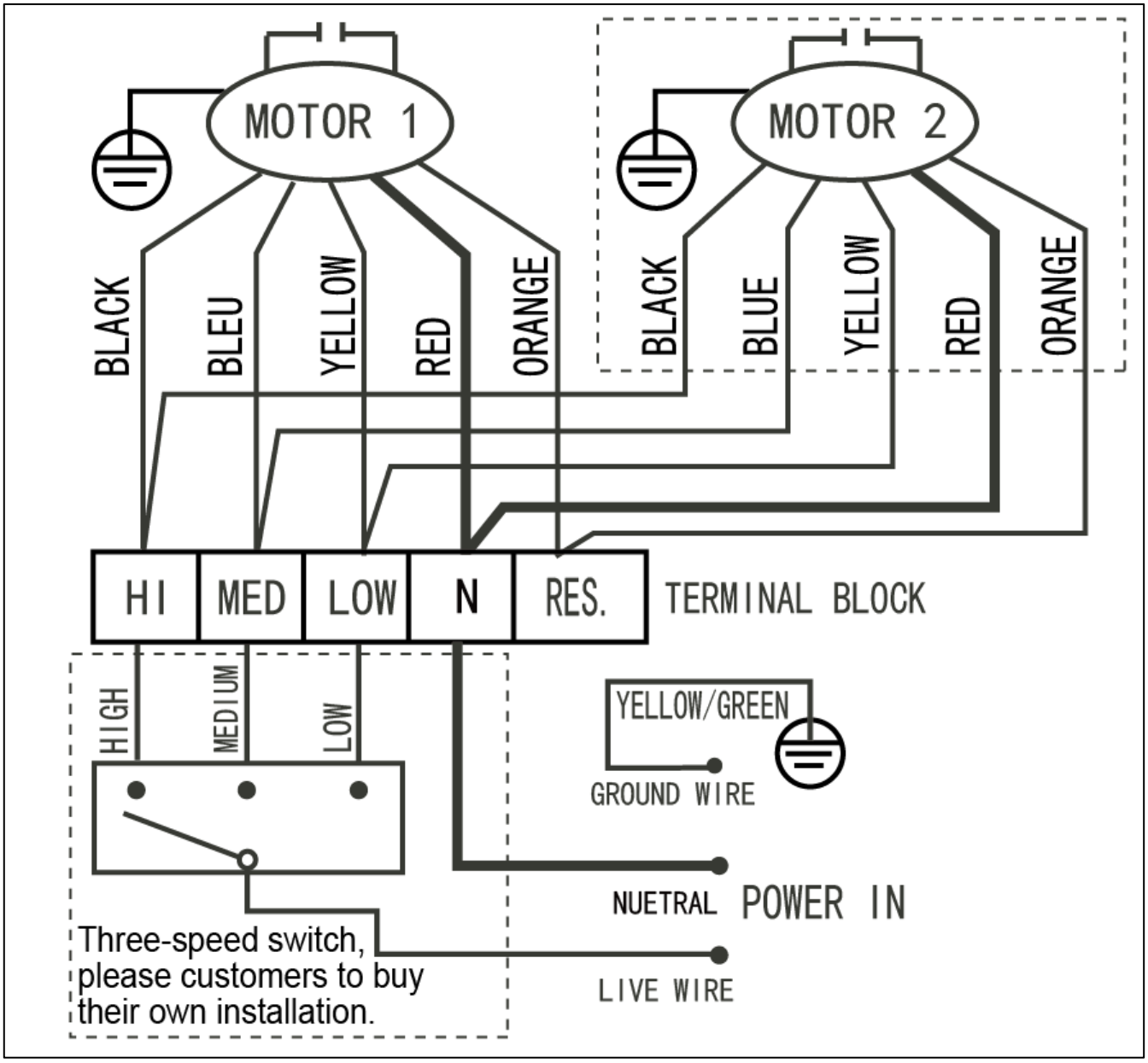
- The above figure is only an instance, which would be different from the one that you purchase.
- The dotted line in the figure is the dimension for air return plenum.
- Units with air return plenum is standard; units without air return plenum can be customized.

8. Sound Levels



9. Wiring Diagrams

2-row duct units without electric heater (reserved super high fan speed)



Notes:

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

10.Capacity Tables

2-row Duct Cooling capacity

EWT: Entering Water Temp. (℃) Δt: Temperature Difference (℃) DB: Dry Bulb Temp. (℃) WB: Wet Bulb Temp. (℃)

TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa) WF: Water Flow (m^3/h)

(With fan at high speed and 12Pa static pressure for MDKT2-200G12, 30Pa for MDKT2-200(E)G30)

MDKT2-200G12 / MDKT2-200G30 / MDKT2-200EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	1.65	1.20	0.47	9.5	2.55	1.54	0.73	22.5	2.50	1.60	0.72	21.6	2.79	1.46	0.80	27.0	3.75	1.82	1.08	48.9
	4	1.56	1.13	0.33	4.7	2.45	1.49	0.53	11.7	2.41	1.56	0.52	11.3	2.68	1.41	0.58	14.0	3.64	1.76	0.78	25.8
	5	1.44	1.09	0.25	2.6	2.34	1.44	0.40	6.9	2.30	1.51	0.40	6.6	2.57	2.23	0.44	8.3	3.52	1.73	0.61	15.5
	6	1.31	1.04	0.19	1.5	2.24	1.40	0.32	4.4	2.20	1.45	0.31	4.2	2.46	1.31	0.35	5.3	3.43	1.67	0.49	10.2
	7	1.18	0.97	0.14	0.9	2.13	1.33	0.26	2.9	2.08	1.41	0.26	2.8	2.36	1.26	0.29	3.5	3.32	1.62	0.41	7.0
6	3	1.49	1.13	0.43	7.8	2.40	1.47	0.69	20.1	2.35	1.54	0.67	19.2	2.65	1.40	0.76	24.3	3.61	1.76	1.03	45.2
	4	1.39	1.08	0.30	3.8	2.31	1.42	0.50	10.4	2.25	1.49	0.48	9.9	2.54	1.35	0.55	12.6	3.49	1.70	0.75	23.8
	5	1.28	1.03	0.22	2.1	2.20	1.37	0.38	6.0	2.15	1.44	0.37	5.8	2.44	1.30	0.42	7.4	3.38	1.65	0.58	14.3
	6	1.15	0.98	0.17	1.2	2.09	1.33	0.30	3.8	2.04	1.39	0.29	3.6	2.32	1.24	0.33	4.7	3.29	1.59	0.47	9.4
	7	1.01	0.91	0.12	0.7	1.98	1.27	0.24	2.5	1.93	1.35	0.24	2.4	2.21	1.19	0.27	3.1	3.17	1.56	0.39	6.4
7	3	1.34	1.06	0.38	6.2	2.25	1.40	0.64	17.5	2.20	1.47	0.63	16.7	2.49	1.33	0.71	21.5	3.43	1.67	0.98	41.0
	4	1.23	1.02	0.26	2.9	2.15	1.35	0.46	9.1	2.10	1.43	0.45	8.6	2.39	1.28	0.51	11.2	3.35	1.65	0.72	21.9
	5	1.11	0.97	0.19	1.5	2.04	1.30	0.35	5.2	2	1.38	0.34	5	2.28	1.23	0.39	6.5	3.23	1.59	0.56	13.1
	6	0.98	0.92	0.14	0.8	1.94	1.27	0.28	3.3	1.90	1.33	0.27	3.1	2.17	1.18	0.31	4.1	3.15	1.53	0.45	8.6
	7	0.85	0.85	0.10	0.5	1.83	1.21	0.23	2.1	1.77	1.29	0.22	2.0	2.06	1.13	0.25	2.7	3.03	1.47	0.37	5.9
8	3	1.17	1.01	0.34	4.8	2.09	1.34	0.60	15.2	2.04	1.41	0.59	14.5	2.34	1.26	0.67	19.0	3.29	1.62	0.94	37.6
	4	1.06	0.98	0.23	2.2	2.00	1.30	0.43	7.8	1.94	1.37	0.42	7.3	2.23	1.22	0.48	9.7	3.17	1.56	0.68	19.7
	5	0.94	0.91	0.16	1.1	1.90	1.24	0.33	4.5	1.84	1.32	0.32	4.2	2.13	1.17	0.37	5.7	3.09	1.50	0.53	11.9
	6	0.84	0.84	0.12	0.6	1.77	1.20	0.25	2.7	1.74	1.27	0.25	2.6	2.03	1.11	0.29	3.6	2.97	1.47	0.43	7.7
	7	0.73	0.73	0.09	0.3	1.67	1.15	0.21	1.8	1.62	1.23	0.20	1.7	1.90	1.07	0.23	2.3	2.87	1.42	0.35	5.2
9	3	1.00	0.95	0.29	3.5	1.95	1.28	0.56	13.1	1.89	1.34	0.54	12.4	2.18	1.19	0.63	16.6	3.15	1.56	0.90	34.4
	4	0.91	0.91	0.20	1.6	1.84	1.24	0.39	6.6	1.78	1.30	0.38	6.2	2.07	1.15	0.45	8.4	3.03	1.50	0.65	17.9
	5	0.84	0.81	0.14	0.9	1.74	1.18	0.30	3.8	1.68	1.26	0.29	3.5	1.97	1.10	0.34	4.9	2.94	1.44	0.51	10.8
	6	0.74	0.74	0.11	0.5	1.62	1.14	0.23	2.3	1.56	1.22	0.22	2.1	1.87	1.05	0.27	3.0	2.82	1.41	0.40	6.9
	7	0.60	0.60	0.07	0.2	1.50	1.09	0.18	1.4	1.45	1.17	0.18	1.3	1.74	1.00	0.21	1.9	2.72	1.36	0.33	4.7
10	3	0.88	0.88	0.25	2.7	1.78	1.22	0.51	11.0	1.71	1.30	0.49	10.2	2.03	1.13	0.58	14.3	3.00	1.47	0.86	31.3
	4	0.81	0.81	0.17	1.3	1.67	1.17	0.36	5.5	1.62	1.25	0.35	5.1	1.91	1.09	0.41	7.2	2.88	1.44	0.62	16.2
	5	0.72	0.72	0.12	0.7	1.56	1.13	0.27	3.1	1.50	1.21	0.26	2.8	1.81	1.04	0.31	4.1	2.79	1.39	0.48	9.7
	6	0.62	0.62	0.09	0.3	1.46	1.08	0.21	1.8	1.39	1.17	0.20	1.7	1.69	0.99	0.24	2.5	2.67	1.35	0.38	6.2
	7	0.40	0.40	0.05	0.1	1.33	1.04	0.16	1.1	1.27	1.12	0.16	1.0	1.58	0.94	0.19	1.6	2.55	1.30	0.31	4.1
11	3	0.78	0.78	0.22	2.1	1.61	1.16	0.46	9.0	1.55	1.24	0.45	8.4	1.87	1.07	0.54	12.1	2.83	1.42	0.81	27.8
	4	0.71	0.71	0.15	1.0	1.51	1.12	0.32	4.4	1.45	1.19	0.31	4.1	1.76	1.03	0.38	6.1	2.72	1.38	0.58	14.4
	5	0.62	0.62	0.11	0.5	1.39	1.08	0.24	2.4	1.33	1.16	0.23	2.2	1.65	0.98	0.28	3.4	2.63	1.33	0.45	8.6
	6	0.49	0.49	0.07	0.2	1.27	1.03	0.18	1.4	1.22	1.11	0.17	1.3	1.53	0.93	0.22	2.0	2.51	1.30	0.36	5.5
	7	0.33	0.33	0.04	0.1	1.13	1.00	0.14	0.8	1.09	1.09	0.13	0.8	1.41	0.87	0.17	1.3	2.39	1.24	0.29	3.7
12	3	0.69	0.69	0.20	1.6	1.44	1.11	0.41	7.2	1.37	1.19	0.39	6.5	1.70	1.01	0.49	10.0	2.67	1.36	0.77	24.8
	4	0.61	0.61	0.13	0.7	1.33	1.07	0.29	3.5	1.27	1.15	0.27	3.1	1.60	0.97	0.34	5.0	2.56	1.32	0.55	12.8
	5	0.52	0.52	0.09	0.3	1.22	1.03	0.21	1.9	1.15	1.11	0.20	1.7	1.48	0.92	0.25	2.7	2.46	1.27	0.42	7.6
	6	0.31	0.31	0.05	0.1	1.08	1.00	0.16	1.0	1.07	1.05	0.15	1.0	1.36	0.87	0.19	1.6	2.34	1.24	0.34	4.8
	7	0.26	0.26	0.03	0.0	0.96	0.96	0.12	0.6	0.99	0.99	0.12	0.6	1.23	0.82	0.15	1.0	2.23	1.19	0.27	3.2
13	3	0.59	0.59	0.17	1.2	1.26	1.06	0.36	5.5	1.19	1.15	0.34	4.9	1.53	0.96	0.44	8.1	2.50	1.31	0.72	21.7
	4	0.51	0.51	0.11	0.5	1.15	1.02	0.25	2.6	1.11	1.09	0.24	2.4	1.42	0.91	0.31	3.9	2.40	1.26	0.52	11.2
	5	0.36	0.36	0.06	0.2	1.03	1.00	0.18	1.3	1.04	1.04	0.18	1.3	1.31	0.87	0.22	2.1	2.29	1.21	0.39	6.5
	6	0.24	0.24	0.03	0.1	0.94	0.94	0.13	0.8	0.97	0.97	0.14	0.8	1.18	0.82	0.17	1.2	2.17	1.18	0.31	4.1

	7	0.18	0.18	0.02	0.0	0.85	0.85	0.10	0.5	0.89	0.89	0.11	0.5	1.03	0.77	0.13	0.7	2.06	1.13	0.25	2.7

(With fan at high speed and 12Pa static pressure for MDKT2-300G12, 30Pa for MDKT2-300(E)G30)

MDKT2-300G12 / MDKT2-300G30 / MDKT2-300EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	2.23	1.62	0.64	20.9	3.44	2.07	0.99	49.6	3.37	2.16	0.97	47.6	3.76	1.98	1.08	59.4	5.06	2.45	1.45	107.5
	4	2.10	1.53	0.45	10.4	3.31	2.01	0.71	25.8	3.25	2.10	0.70	25.0	3.62	1.91	0.78	30.8	4.91	2.38	1.06	56.8
	5	1.94	1.46	0.33	5.7	3.16	1.94	0.54	15.1	3.10	2.03	0.53	14.5	3.48	3.00	0.60	18.2	4.75	2.34	0.82	34.1
	6	1.77	1.40	0.25	3.3	3.02	1.89	0.43	9.6	2.96	1.96	0.42	9.2	3.32	1.77	0.48	11.6	4.64	2.26	0.66	22.5
	7	1.59	1.31	0.20	1.9	2.88	1.80	0.35	6.4	2.81	1.90	0.35	6.1	3.18	1.70	0.39	7.8	4.48	2.18	0.55	15.5
6	3	2.02	1.53	0.58	17.1	3.25	1.99	0.93	44.1	3.17	2.08	0.91	42.2	3.57	1.89	1.02	53.5	4.87	2.38	1.40	99.4
	4	1.87	1.45	0.40	8.3	3.12	1.92	0.67	22.9	3.04	2.01	0.65	21.8	3.43	1.82	0.74	27.7	4.71	2.30	1.01	52.4
	5	1.73	1.39	0.30	4.5	2.96	1.85	0.51	13.3	2.91	1.95	0.50	12.7	3.29	1.75	0.57	16.4	4.56	2.22	0.78	31.4
	6	1.55	1.32	0.22	2.5	2.82	1.80	0.40	8.4	2.76	1.87	0.40	8.0	3.13	1.68	0.45	10.3	4.44	2.14	0.64	20.7
	7	1.37	1.23	0.17	1.4	2.68	1.71	0.33	5.5	2.61	1.82	0.32	5.2	2.99	1.61	0.37	6.9	4.29	2.10	0.53	14.1
7	3	1.80	1.43	0.52	13.6	3.03	1.89	0.87	38.5	2.96	1.99	0.85	36.8	3.36	1.79	0.96	47.4	4.64	2.26	1.33	90.1
	4	1.66	1.38	0.36	6.5	2.91	1.83	0.62	19.9	2.83	1.92	0.61	18.9	3.23	1.73	0.69	24.6	4.52	2.22	0.97	48.2
	5	1.50	1.31	0.26	3.4	2.76	1.76	0.47	11.5	2.7	1.86	0.46	11	3.07	1.66	0.53	14.3	4.36	2.14	0.75	28.7
	6	1.32	1.25	0.19	1.8	2.61	1.71	0.37	7.2	2.57	1.79	0.37	6.9	2.93	1.59	0.42	9.0	4.25	2.06	0.61	18.9
	7	1.14	1.14	0.14	1.0	2.47	1.63	0.30	4.7	2.39	1.74	0.29	4.4	2.78	1.52	0.34	5.9	4.09	1.99	0.50	12.9
8	3	1.58	1.36	0.45	10.5	2.82	1.81	0.81	33.4	2.76	1.90	0.79	31.9	3.16	1.69	0.91	41.8	4.44	2.18	1.27	82.7
	4	1.43	1.32	0.31	4.8	2.70	1.75	0.58	17.2	2.62	1.85	0.56	16.2	3.01	1.64	0.65	21.3	4.29	2.10	0.92	43.3
	5	1.26	1.24	0.22	2.4	2.56	1.68	0.44	9.9	2.49	1.78	0.43	9.3	2.88	1.58	0.50	12.5	4.17	2.03	0.72	26.2
	6	1.13	1.13	0.16	1.3	2.40	1.62	0.34	6.0	2.35	1.71	0.34	5.8	2.74	1.50	0.39	7.8	4.01	1.99	0.58	16.9
	7	0.99	0.99	0.12	0.8	2.26	1.55	0.28	3.9	2.19	1.66	0.27	3.7	2.56	1.44	0.31	5.0	3.87	1.91	0.48	11.5
9	3	1.35	1.28	0.39	7.7	2.63	1.73	0.75	28.9	2.55	1.82	0.73	27.3	2.95	1.61	0.85	36.5	4.25	2.10	1.22	75.6
	4	1.23	1.23	0.26	3.6	2.48	1.67	0.53	14.5	2.40	1.76	0.52	13.6	2.80	1.55	0.60	18.4	4.09	2.03	0.88	39.5
	5	1.13	1.10	0.20	1.9	2.35	1.60	0.40	8.3	2.27	1.70	0.39	7.8	2.66	1.48	0.46	10.7	3.97	1.95	0.68	23.8
	6	0.99	0.99	0.14	1.0	2.19	1.54	0.31	5.0	2.11	1.65	0.30	4.7	2.52	1.41	0.36	6.7	3.81	1.91	0.55	15.2
	7	0.81	0.81	0.10	0.5	2.03	1.46	0.25	3.2	1.96	1.57	0.24	2.9	2.35	1.35	0.29	4.2	3.68	1.84	0.45	10.4
10	3	1.19	1.19	0.34	6.0	2.41	1.64	0.69	24.3	2.31	1.75	0.66	22.4	2.74	1.53	0.79	31.5	4.05	1.99	1.16	68.8
	4	1.09	1.09	0.24	2.8	2.26	1.58	0.49	12.0	2.18	1.69	0.47	11.2	2.58	1.47	0.56	15.7	3.88	1.95	0.84	35.6
	5	0.98	0.98	0.17	1.4	2.11	1.53	0.36	6.7	2.02	1.64	0.35	6.2	2.45	1.40	0.42	9.0	3.76	1.88	0.65	21.4
	6	0.84	0.84	0.12	0.7	1.97	1.46	0.28	4.1	1.88	1.57	0.27	3.7	2.29	1.33	0.33	5.5	3.60	1.83	0.52	13.6
	7	0.53	0.53	0.07	0.2	1.80	1.40	0.22	2.5	1.71	1.52	0.21	2.3	2.14	1.27	0.26	3.5	3.44	1.75	0.42	9.1
11	3	1.05	1.05	0.30	4.6	2.17	1.57	0.62	19.8	2.10	1.67	0.60	18.4	2.52	1.45	0.72	26.6	3.82	1.91	1.10	61.2
	4	0.96	0.96	0.21	2.2	2.04	1.51	0.44	9.8	1.96	1.61	0.42	9.0	2.38	1.39	0.51	13.4	3.67	1.86	0.79	31.7
	5	0.83	0.83	0.14	1.0	1.88	1.45	0.32	5.3	1.80	1.57	0.31	4.9	2.22	1.32	0.38	7.5	3.55	1.80	0.61	19.0
	6	0.66	0.66	0.09	0.5	1.71	1.39	0.25	3.1	1.65	1.50	0.24	2.8	2.06	1.25	0.30	4.5	3.39	1.75	0.49	12.0
	7	0.45	0.45	0.06	0.2	1.53	1.34	0.19	1.8	1.47	1.47	0.18	1.7	1.90	1.18	0.23	2.8	3.23	1.68	0.40	8.0
12	3	0.93	0.93	0.27	3.6	1.94	1.49	0.56	15.8	1.85	1.61	0.53	14.4	2.29	1.37	0.66	22.0	3.61	1.84	1.03	54.6
	4	0.82	0.82	0.18	1.6	1.80	1.44	0.39	7.6	1.71	1.55	0.37	6.9	2.15	1.31	0.46	10.9	3.46	1.78	0.74	28.2
	5	0.71	0.71	0.12	0.8	1.64	1.39	0.28	4.1	1.56	1.50	0.27	3.7	2.00	1.25	0.34	6.0	3.32	1.71	0.57	16.7
	6	0.42	0.42	0.06	0.2	1.46	1.34	0.21	2.2	1.45	1.42	0.21	2.2	1.83	1.18	0.26	3.5	3.16	1.67	0.45	10.5
	7	0.35	0.35	0.04	0.1	1.29	1.29	0.16	1.3	1.33	1.33	0.16	1.4	1.66	1.11	0.20	2.1	3.01	1.60	0.37	7.0
13	3	0.80	0.80	0.23	2.7	1.70	1.43	0.49	12.1	1.60	1.55	0.46	10.7	2.06	1.29	0.59	17.9	3.38	1.76	0.97	47.8
	4	0.68	0.68	0.15	1.1	1.55	1.37	0.33	5.7	1.50	1.47	0.32	5.3	1.92	1.23	0.41	8.7	3.23	1.70	0.70	24.7
	5	0.49	0.49	0.08	0.4	1.39	1.36	0.24	2.9	1.40	1.40	0.24	3.0	1.76	1.17	0.30	4.7	3.09	1.63	0.53	14.4
	6	0.33	0.33	0.05	0.1	1.26	1.26	0.18	1.7	1.31	1.31	0.19	1.8	1.59	1.11	0.23	2.7	2.93	1.59	0.42	9.0
	7	0.24	0.24	0.03	0.0	1.15	1.15	0.14	1.0	1.20	1.20	0.15	1.1	1.39	1.04	0.17	1.5	2.78	1.52	0.34	5.9

(With fan at high speed and 12Pa static pressure for MDKT2-400G12, 30Pa for MDKT2-400(E)G30)

MDKT2-400G12 / MDKT2-400G30 / MDKT2-400EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	2.98	2.16	0.85	36.1	4.59	2.76	1.31	85.7	4.49	2.88	1.29	82.2	5.02	2.63	1.44	102.6	6.75	3.27	1.94	185.7
	4	2.80	2.04	0.60	18.0	4.41	2.68	0.95	44.6	4.34	2.80	0.93	43.1	4.82	2.55	1.04	53.2	6.55	3.17	1.41	98.1
	5	2.59	1.95	0.44	9.8	4.22	2.59	0.73	26.1	4.14	2.71	0.71	25.1	4.63	4.01	0.80	31.5	6.34	3.12	1.09	58.9
	6	2.36	1.87	0.34	5.7	4.03	2.51	0.58	16.5	3.95	2.62	0.57	15.9	4.43	2.36	0.64	20.0	6.18	3.01	0.89	38.9
	7	2.12	1.75	0.26	3.4	3.83	2.39	0.47	11.0	3.75	2.53	0.46	10.5	4.24	2.26	0.52	13.5	5.97	2.91	0.73	26.7
6	3	2.69	2.04	0.77	29.5	4.33	2.65	1.24	76.3	4.23	2.77	1.21	72.8	4.76	2.51	1.37	92.4	6.49	3.17	1.86	171.7
	4	2.50	1.94	0.54	14.3	4.16	2.56	0.89	39.6	4.06	2.68	0.87	37.7	4.57	2.43	0.98	47.9	6.29	3.06	1.35	90.5
	5	2.31	1.85	0.40	7.8	3.95	2.47	0.68	22.9	3.88	2.60	0.67	22.0	4.39	2.34	0.76	28.2	6.08	2.96	1.05	54.2
	6	2.07	1.77	0.30	4.4	3.77	2.39	0.54	14.4	3.68	2.50	0.53	13.8	4.17	2.23	0.60	17.7	5.92	2.86	0.85	35.7
	7	1.82	1.64	0.22	2.5	3.57	2.29	0.44	9.5	3.48	2.43	0.43	9.1	3.98	2.14	0.49	11.9	5.71	2.81	0.70	24.4
7	3	2.41	1.91	0.69	23.6	4.04	2.52	1.16	66.5	3.95	2.65	1.13	63.6	4.48	2.39	1.29	81.8	6.18	3.01	1.77	155.6
	4	2.21	1.84	0.47	11.2	3.88	2.44	0.83	34.4	3.77	2.57	0.81	32.6	4.31	2.31	0.93	42.5	6.03	2.96	1.30	83.2
	5	1.99	1.75	0.34	5.8	3.68	2.35	0.63	19.8	3.6	2.48	0.62	19	4.10	2.22	0.70	24.6	5.82	2.86	1.00	49.6
	6	1.76	1.66	0.25	3.1	3.49	2.28	0.50	12.4	3.42	2.39	0.49	11.9	3.91	2.12	0.56	15.6	5.66	2.75	0.81	32.6
	7	1.52	1.52	0.19	1.7	3.30	2.18	0.41	8.1	3.19	2.32	0.39	7.6	3.70	2.03	0.46	10.3	5.45	2.65	0.67	22.3
8	3	2.11	1.81	0.60	18.1	3.77	2.42	1.08	57.8	3.68	2.53	1.05	55.1	4.21	2.26	1.21	72.3	5.92	2.91	1.70	142.8
	4	1.90	1.76	0.41	8.3	3.60	2.33	0.77	29.7	3.49	2.47	0.75	27.9	4.01	2.19	0.86	36.8	5.71	2.81	1.23	74.8
	5	1.68	1.65	0.29	4.2	3.42	2.23	0.59	17.1	3.31	2.37	0.57	16.1	3.84	2.10	0.66	21.6	5.56	2.70	0.96	45.3
	6	1.51	1.51	0.22	2.3	3.19	2.17	0.46	10.4	3.13	2.29	0.45	10.0	3.65	2.01	0.52	13.5	5.35	2.65	0.77	29.1
	7	1.32	1.32	0.16	1.3	3.01	2.07	0.37	6.8	2.91	2.21	0.36	6.4	3.41	1.92	0.42	8.7	5.16	2.55	0.63	19.9
9	3	1.80	1.71	0.52	13.2	3.50	2.31	1.00	49.9	3.40	2.42	0.98	47.1	3.93	2.15	1.13	63.0	5.66	2.81	1.62	130.6
	4	1.64	1.64	0.35	6.1	3.30	2.22	0.71	25.0	3.21	2.35	0.69	23.5	3.73	2.07	0.80	31.9	5.45	2.70	1.17	68.2
	5	1.51	1.46	0.26	3.4	3.13	2.13	0.54	14.3	3.03	2.27	0.52	13.4	3.55	1.98	0.61	18.5	5.30	2.60	0.91	41.2
	6	1.32	1.32	0.19	1.8	2.92	2.05	0.42	8.7	2.82	2.20	0.40	8.1	3.36	1.89	0.48	11.5	5.08	2.54	0.73	26.2
	7	1.08	1.08	0.13	0.9	2.70	1.95	0.33	5.5	2.61	2.10	0.32	5.1	3.13	1.80	0.38	7.3	4.90	2.45	0.60	18.0
10	3	1.59	1.59	0.46	10.3	3.21	2.19	0.92	42.0	3.08	2.33	0.88	38.6	3.66	2.04	1.05	54.5	5.40	2.65	1.55	118.9
	4	1.46	1.46	0.31	4.9	3.01	2.10	0.65	20.8	2.91	2.25	0.63	19.4	3.44	1.96	0.74	27.2	5.18	2.60	1.11	61.4
	5	1.30	1.30	0.22	2.5	2.82	2.04	0.48	11.6	2.70	2.18	0.46	10.7	3.26	1.87	0.56	15.6	5.02	2.50	0.86	36.9
	6	1.12	1.12	0.16	1.3	2.62	1.95	0.38	7.0	2.50	2.10	0.36	6.4	3.05	1.78	0.44	9.5	4.80	2.44	0.69	23.5
	7	0.71	0.71	0.09	0.4	2.39	1.86	0.29	4.3	2.28	2.02	0.28	3.9	2.85	1.69	0.35	6.1	4.59	2.34	0.56	15.7
11	3	1.40	1.40	0.40	8.0	2.90	2.09	0.83	34.2	2.79	2.22	0.80	31.8	3.36	1.93	0.96	46.0	5.10	2.55	1.46	105.8
	4	1.28	1.28	0.28	3.8	2.72	2.02	0.58	16.9	2.61	2.14	0.56	15.6	3.17	1.85	0.68	23.1	4.89	2.48	1.05	54.7
	5	1.11	1.11	0.19	1.8	2.51	1.94	0.43	9.2	2.39	2.09	0.41	8.4	2.97	1.76	0.51	12.9	4.73	2.39	0.81	32.8
	6	0.88	0.88	0.13	0.8	2.29	1.86	0.33	5.3	2.20	1.99	0.31	4.9	2.75	1.67	0.39	7.7	4.51	2.33	0.65	20.7
	7	0.60	0.60	0.07	0.3	2.04	1.79	0.25	3.1	1.96	1.96	0.24	2.9	2.54	1.57	0.31	4.8	4.31	2.23	0.53	13.9
12	3	1.24	1.24	0.35	6.2	2.59	1.99	0.74	27.4	2.47	2.15	0.71	24.8	3.05	1.82	0.88	38.0	4.81	2.45	1.38	94.2
	4	1.09	1.09	0.23	2.7	2.40	1.92	0.52	13.2	2.28	2.07	0.49	11.9	2.87	1.74	0.62	18.9	4.61	2.37	0.99	48.6
	5	0.94	0.94	0.16	1.3	2.19	1.85	0.38	7.0	2.08	2.01	0.36	6.3	2.66	1.66	0.46	10.4	4.43	2.29	0.76	28.8
	6	0.57	0.57	0.08	0.3	1.95	1.79	0.28	3.9	1.93	1.89	0.28	3.8	2.44	1.57	0.35	6.1	4.22	2.22	0.60	18.1
	7	0.47	0.47	0.06	0.2	1.72	1.72	0.21	2.2	1.78	1.78	0.22	2.4	2.22	1.48	0.27	3.7	4.01	2.14	0.49	12.0
13	3	1.06	1.06	0.31	4.6	2.26	1.90	0.65	20.9	2.14	2.06	0.61	18.6	2.75	1.72	0.79	30.9	4.50	2.35	1.29	82.6
	4	0.91	0.91	0.20	1.9	2.07	1.83	0.45	9.8	2.00	1.96	0.43	9.2	2.56	1.64	0.55	15.0	4.31	2.26	0.93	42.6
	5	0.65	0.65	0.11	0.6	1.85	1.81	0.32	5.0	1.87	1.87	0.32	5.1	2.35	1.56	0.40	8.1	4.12	2.18	0.71	24.9
	6	0.44	0.44	0.06	0.2	1.68	1.68	0.24	2.9	1.74	1.74	0.25	3.1	2.12	1.48	0.30	4.6	3.91	2.12	0.56	15.5
	7	0.32	0.32	0.04	0.1	1.54	1.54	0.19	1.8	1.60	1.60	0.20	1.9	1.86	1.39	0.23	2.6	3.70	2.03	0.46	10.3

(With fan at high speed and 12Pa static pressure for MDKT2-500G12, 30Pa for MDKT2-500(E)G30)

MDKT2-500G12 / MDKT2-500G30 / MDKT2-500EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	3.64	2.64	1.04	41.8	5.61	3.38	1.61	99.2	5.49	3.52	1.57	95.2	6.13	3.22	1.76	118.7	8.25	4.00	2.37	215.1
	4	3.42	2.50	0.74	20.8	5.39	3.28	1.16	51.6	5.30	3.42	1.14	49.9	5.89	3.11	1.27	61.6	8.00	3.87	1.72	113.6
	5	3.16	2.39	0.54	11.4	5.16	3.16	0.89	30.2	5.05	3.31	0.87	29.0	5.66	4.90	0.97	36.4	7.75	3.81	1.33	68.2
	6	2.89	2.29	0.41	6.6	4.93	3.07	0.71	19.2	4.83	3.20	0.69	18.4	5.42	2.88	0.78	23.1	7.56	3.68	1.08	45.0
	7	2.59	2.14	0.32	3.9	4.69	2.93	0.58	12.7	4.58	3.09	0.56	12.1	5.19	2.77	0.64	15.6	7.30	3.56	0.90	30.9
6	3	3.29	2.49	0.94	34.1	5.29	3.24	1.52	88.3	5.17	3.38	1.48	84.3	5.82	3.07	1.67	107.0	7.94	3.87	2.28	198.8
	4	3.05	2.37	0.66	16.6	5.08	3.13	1.09	45.8	4.96	3.27	1.07	43.7	5.59	2.97	1.20	55.4	7.68	3.75	1.65	104.8
	5	2.82	2.26	0.48	9.0	4.83	3.02	0.83	26.5	4.74	3.17	0.81	25.5	5.37	2.86	0.92	32.7	7.43	3.62	1.28	62.7
	6	2.53	2.16	0.36	5.1	4.60	2.93	0.66	16.7	4.50	3.05	0.64	15.9	5.10	2.73	0.73	20.5	7.24	3.49	1.04	41.3
	7	2.23	2.01	0.27	2.9	4.36	2.79	0.54	11.0	4.25	2.97	0.52	10.5	4.87	2.62	0.60	13.7	6.98	3.43	0.86	28.3
7	3	2.94	2.34	0.84	27.3	4.94	3.09	1.42	77.0	4.83	3.24	1.39	73.7	5.48	2.92	1.57	94.8	7.56	3.68	2.17	180.2
	4	2.70	2.25	0.58	12.9	4.74	2.98	1.02	39.8	4.61	3.14	0.99	37.7	5.26	2.83	1.13	49.2	7.37	3.62	1.58	96.3
	5	2.44	2.14	0.42	6.8	4.50	2.87	0.77	23.0	4.4	3.03	0.76	22	5.01	2.71	0.86	28.5	7.11	3.49	1.22	57.5
	6	2.15	2.03	0.31	3.6	4.26	2.79	0.61	14.3	4.18	2.92	0.60	13.8	4.78	2.59	0.69	18.0	6.92	3.37	0.99	37.8
	7	1.86	1.86	0.23	2.0	4.03	2.66	0.50	9.4	3.90	2.83	0.48	8.8	4.53	2.48	0.56	11.9	6.67	3.24	0.82	25.8
8	3	2.58	2.22	0.74	21.0	4.60	2.95	1.32	66.9	4.50	3.09	1.29	63.8	5.15	2.76	1.48	83.7	7.24	3.56	2.07	165.4
	4	2.32	2.15	0.50	9.6	4.40	2.85	0.95	34.4	4.27	3.02	0.92	32.3	4.90	2.68	1.05	42.7	6.98	3.43	1.50	86.6
	5	2.06	2.01	0.35	4.8	4.18	2.73	0.72	19.8	4.05	2.90	0.70	18.6	4.69	2.57	0.81	25.0	6.79	3.30	1.17	52.4
	6	1.85	1.85	0.26	2.7	3.90	2.65	0.56	12.0	3.83	2.79	0.55	11.6	4.46	2.45	0.64	15.7	6.54	3.24	0.94	33.7
	7	1.61	1.61	0.20	1.5	3.68	2.53	0.45	7.8	3.56	2.70	0.44	7.4	4.17	2.35	0.51	10.1	6.31	3.12	0.78	23.1
9	3	2.20	2.09	0.63	15.3	4.28	2.82	1.23	57.8	4.16	2.96	1.19	54.6	4.81	2.63	1.38	72.9	6.92	3.43	1.98	151.2
	4	2.00	2.00	0.43	7.1	4.04	2.72	0.87	29.0	3.92	2.87	0.84	27.2	4.56	2.53	0.98	36.9	6.67	3.30	1.43	78.9
	5	1.85	1.79	0.32	3.9	3.82	2.60	0.66	16.6	3.70	2.77	0.64	15.6	4.34	2.42	0.75	21.4	6.48	3.17	1.11	47.7
	6	1.62	1.62	0.23	2.1	3.57	2.51	0.51	10.0	3.44	2.69	0.49	9.3	4.11	2.30	0.59	13.3	6.20	3.10	0.89	30.4
	7	1.32	1.32	0.16	1.0	3.30	2.39	0.41	6.3	3.19	2.57	0.39	5.9	3.82	2.20	0.47	8.5	5.99	2.99	0.74	20.8
10	3	1.94	1.94	0.56	11.9	3.92	2.67	1.12	48.6	3.77	2.85	1.08	44.7	4.47	2.49	1.28	63.1	6.60	3.24	1.89	137.6
	4	1.78	1.78	0.38	5.7	3.68	2.57	0.79	24.1	3.56	2.76	0.76	22.4	4.21	2.39	0.91	31.5	6.33	3.17	1.36	71.1
	5	1.59	1.59	0.27	2.9	3.44	2.49	0.59	13.5	3.30	2.67	0.57	12.3	3.99	2.29	0.69	18.1	6.13	3.06	1.05	42.7
	6	1.37	1.37	0.20	1.5	3.21	2.38	0.46	8.1	3.06	2.57	0.44	7.4	3.73	2.17	0.53	11.0	5.87	2.98	0.84	27.2
	7	0.87	0.87	0.11	0.4	2.93	2.28	0.36	5.0	2.79	2.47	0.34	4.5	3.49	2.06	0.43	7.0	5.61	2.86	0.69	18.2
11	3	1.71	1.71	0.49	9.3	3.54	2.55	1.02	39.6	3.42	2.72	0.98	36.8	4.11	2.36	1.18	53.3	6.23	3.12	1.79	122.5
	4	1.57	1.57	0.34	4.4	3.32	2.46	0.71	19.6	3.19	2.62	0.69	18.0	3.88	2.26	0.83	26.7	5.97	3.03	1.28	63.4
	5	1.36	1.36	0.23	2.1	3.07	2.37	0.53	10.7	2.93	2.55	0.50	9.7	3.63	2.15	0.62	14.9	5.78	2.93	0.99	38.0
	6	1.08	1.08	0.15	0.9	2.79	2.27	0.40	6.2	2.69	2.44	0.38	5.7	3.37	2.04	0.48	8.9	5.52	2.85	0.79	24.0
	7	0.73	0.73	0.09	0.3	2.49	2.19	0.31	3.6	2.40	2.40	0.29	3.3	3.10	1.92	0.38	5.6	5.26	2.73	0.65	16.1
12	3	1.51	1.51	0.43	7.2	3.17	2.43	0.91	31.7	3.02	2.62	0.86	28.7	3.73	2.23	1.07	44.0	5.88	3.00	1.69	109.1
	4	1.33	1.33	0.29	3.2	2.93	2.35	0.63	15.3	2.79	2.53	0.60	13.8	3.51	2.13	0.75	21.9	5.63	2.90	1.21	56.3
	5	1.15	1.15	0.20	1.5	2.68	2.27	0.46	8.2	2.54	2.45	0.44	7.3	3.26	2.03	0.56	12.1	5.42	2.79	0.93	33.3
	6	0.69	0.69	0.10	0.4	2.38	2.19	0.34	4.5	2.36	2.31	0.34	4.4	2.98	1.92	0.43	7.0	5.16	2.72	0.74	21.0
	7	0.57	0.57	0.07	0.2	2.11	2.11	0.26	2.6	2.17	2.17	0.27	2.7	2.71	1.80	0.33	4.3	4.90	2.61	0.60	13.9
13	3	1.30	1.30	0.37	5.3	2.77	2.32	0.79	24.2	2.61	2.52	0.75	21.5	3.37	2.10	0.96	35.7	5.50	2.88	1.58	95.7
	4	1.11	1.11	0.24	2.2	2.53	2.23	0.54	11.4	2.44	2.40	0.53	10.6	3.12	2.00	0.67	17.3	5.27	2.77	1.13	49.3
	5	0.80	0.80	0.14	0.7	2.26	2.21	0.39	5.8	2.29	2.29	0.39	5.9	2.88	1.90	0.49	9.4	5.03	2.66	0.87	28.8
	6	0.53	0.53	0.08	0.2	2.06	2.06	0.29	3.3	2.13	2.13	0.30	3.6	2.60	1.80	0.37	5.3	4.77	2.59	0.68	18.0
	7	0.39	0.39	0.05	0.1	1.88	1.88	0.23	2.0	1.96	1.96	0.24	2.2	2.27	1.70	0.28	3.0	4.53	2.48	0.56	11.9

(With fan at high speed and 12Pa static pressure for MDKT2-600G12, 30Pa for MDKT2-600(E)G30)

MDKT2-600G12 / MDKT2-600G30 / MDKT2-600EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	4.55	3.30	1.30	26.6	7.01	4.22	2.01	63.1	6.87	4.40	1.97	60.6	7.67	4.02	2.20	75.6	10.32	5.00	2.96	136.9
	4	4.28	3.12	0.92	13.2	6.74	4.10	1.45	32.8	6.63	4.28	1.42	31.8	7.37	3.89	1.58	39.2	10.00	4.84	2.15	72.3
	5	3.95	2.98	0.68	7.2	6.44	3.95	1.11	19.2	6.32	4.14	1.09	18.5	7.08	6.12	1.22	23.2	9.68	4.76	1.67	43.4
	6	3.61	2.86	0.52	4.2	6.16	3.84	0.88	12.2	6.04	4.00	0.87	11.7	6.77	3.60	0.97	14.7	9.44	4.60	1.35	28.7
	7	3.24	2.67	0.40	2.5	5.86	3.66	0.72	8.1	5.72	3.87	0.70	7.7	6.48	3.46	0.80	9.9	9.13	4.44	1.12	19.7
6	3	4.11	3.11	1.18	21.7	6.61	4.06	1.90	56.2	6.46	4.23	1.85	53.7	7.28	3.84	2.09	68.1	9.92	4.84	2.84	126.5
	4	3.82	2.96	0.82	10.5	6.35	3.91	1.37	29.2	6.20	4.09	1.33	27.8	6.98	3.71	1.50	35.3	9.60	4.68	2.06	66.7
	5	3.52	2.83	0.61	5.7	6.04	3.77	1.04	16.9	5.92	3.97	1.02	16.2	6.71	3.57	1.15	20.8	9.29	4.52	1.60	39.9
	6	3.17	2.70	0.45	3.2	5.75	3.66	0.82	10.6	5.62	3.82	0.81	10.1	6.37	3.41	0.91	13.1	9.05	4.37	1.30	26.3
	7	2.79	2.51	0.34	1.8	5.45	3.49	0.67	7.0	5.32	3.71	0.65	6.7	6.09	3.27	0.75	8.7	8.73	4.29	1.07	18.0
7	3	3.67	2.92	1.05	17.4	6.17	3.86	1.77	49.0	6.04	4.06	1.73	46.9	6.85	3.65	1.96	60.3	9.44	4.60	2.71	114.7
	4	3.37	2.81	0.73	8.2	5.92	3.72	1.27	25.3	5.76	3.92	1.24	24.0	6.58	3.53	1.41	31.3	9.21	4.52	1.98	61.3
	5	3.05	2.67	0.52	4.3	5.62	3.59	0.97	14.6	5.5	3.79	0.95	14	6.26	3.39	1.08	18.1	8.89	4.37	1.53	36.6
	6	2.68	2.54	0.38	2.3	5.33	3.48	0.76	9.1	5.23	3.65	0.75	8.8	5.98	3.24	0.86	11.5	8.65	4.21	1.24	24.1
	7	2.33	2.33	0.29	1.3	5.04	3.33	0.62	6.0	4.87	3.54	0.60	5.6	5.66	3.10	0.70	7.6	8.33	4.05	1.02	16.4
8	3	3.22	2.77	0.92	13.3	5.75	3.69	1.65	42.6	5.62	3.87	1.61	40.6	6.44	3.45	1.85	53.3	9.05	4.44	2.59	105.2
	4	2.90	2.68	0.62	6.1	5.50	3.56	1.18	21.9	5.33	3.78	1.15	20.6	6.13	3.35	1.32	27.1	8.73	4.29	1.88	55.1
	5	2.57	2.52	0.44	3.1	5.22	3.41	0.90	12.6	5.06	3.62	0.87	11.9	5.87	3.21	1.01	15.9	8.49	4.13	1.46	33.4
	6	2.31	2.31	0.33	1.7	4.88	3.31	0.70	7.7	4.79	3.49	0.69	7.4	5.57	3.06	0.80	10.0	8.17	4.05	1.17	21.5
	7	2.02	2.02	0.25	1.0	4.60	3.16	0.56	5.0	4.45	3.37	0.55	4.7	5.21	2.94	0.64	6.4	7.89	3.90	0.97	14.7
9	3	2.75	2.61	0.79	9.8	5.35	3.52	1.53	36.8	5.20	3.70	1.49	34.7	6.01	3.29	1.72	46.4	8.65	4.29	2.48	96.2
	4	2.50	2.50	0.54	4.5	5.05	3.40	1.09	18.4	4.90	3.59	1.05	17.3	5.70	3.17	1.23	23.5	8.33	4.13	1.79	50.2
	5	2.31	2.24	0.40	2.5	4.78	3.25	0.82	10.6	4.63	3.47	0.80	9.9	5.42	3.02	0.93	13.6	8.10	3.97	1.39	30.3
	6	2.02	2.02	0.29	1.3	4.46	3.13	0.64	6.4	4.30	3.36	0.62	5.9	5.13	2.88	0.74	8.5	7.75	3.88	1.11	19.3
	7	1.65	1.65	0.20	0.6	4.13	2.98	0.51	4.0	3.98	3.21	0.49	3.7	4.78	2.75	0.59	5.4	7.49	3.74	0.92	13.3
10	3	2.43	2.43	0.70	7.6	4.90	3.34	1.41	30.9	4.71	3.56	1.35	28.5	5.59	3.11	1.60	40.1	8.25	4.05	2.37	87.6
	4	2.23	2.23	0.48	3.6	4.60	3.21	0.99	15.3	4.44	3.44	0.96	14.3	5.26	2.99	1.13	20.0	7.91	3.97	1.70	45.3
	5	1.99	1.99	0.34	1.8	4.30	3.11	0.74	8.6	4.12	3.33	0.71	7.9	4.98	2.86	0.86	11.5	7.67	3.83	1.32	27.2
	6	1.71	1.71	0.24	0.9	4.01	2.98	0.57	5.2	3.83	3.21	0.55	4.7	4.66	2.71	0.67	7.0	7.33	3.72	1.05	17.3
	7	1.09	1.09	0.13	0.3	3.66	2.85	0.45	3.2	3.48	3.09	0.43	2.9	4.36	2.58	0.54	4.5	7.01	3.57	0.86	11.6
11	3	2.14	2.14	0.61	5.9	4.43	3.19	1.27	25.2	4.27	3.40	1.22	23.4	5.13	2.94	1.47	33.9	7.79	3.90	2.23	77.9
	4	1.96	1.96	0.42	2.8	4.15	3.08	0.89	12.5	3.98	3.27	0.86	11.5	4.85	2.83	1.04	17.0	7.47	3.79	1.61	40.3
	5	1.70	1.70	0.29	1.3	3.83	2.96	0.66	6.8	3.66	3.19	0.63	6.2	4.53	2.69	0.78	9.5	7.23	3.66	1.24	24.2
	6	1.35	1.35	0.19	0.6	3.49	2.84	0.50	3.9	3.36	3.05	0.48	3.6	4.21	2.56	0.60	5.7	6.90	3.56	0.99	15.3
	7	0.91	0.91	0.11	0.2	3.11	2.74	0.38	2.3	3.00	3.00	0.37	2.1	3.87	2.40	0.48	3.5	6.58	3.41	0.81	10.2
12	3	1.89	1.89	0.54	4.6	3.96	3.04	1.14	20.2	3.77	3.28	1.08	18.3	4.67	2.79	1.34	28.0	7.35	3.75	2.11	69.4
	4	1.67	1.67	0.36	2.0	3.67	2.94	0.79	9.7	3.48	3.17	0.75	8.8	4.39	2.66	0.94	13.9	7.04	3.63	1.51	35.8
	5	1.44	1.44	0.25	1.0	3.35	2.83	0.58	5.2	3.17	3.06	0.55	4.7	4.07	2.54	0.70	7.7	6.77	3.49	1.16	21.2
	6	0.87	0.87	0.12	0.2	2.98	2.74	0.43	2.8	2.94	2.89	0.42	2.8	3.73	2.40	0.53	4.5	6.44	3.40	0.92	13.3
	7	0.71	0.71	0.09	0.1	2.63	2.63	0.32	1.6	2.71	2.71	0.33	1.7	3.39	2.25	0.42	2.7	6.13	3.26	0.75	8.9
13	3	1.63	1.63	0.47	3.4	3.46	2.90	0.99	15.4	3.26	3.15	0.94	13.7	4.21	2.63	1.21	22.7	6.88	3.60	1.97	60.9
	4	1.39	1.39	0.30	1.4	3.17	2.79	0.68	7.3	3.06	3.00	0.66	6.8	3.90	2.50	0.84	11.0	6.59	3.46	1.42	31.4
	5	1.00	1.00	0.17	0.5	2.83	2.76	0.49	3.7	2.86	2.86	0.49	3.8	3.60	2.38	0.62	6.0	6.29	3.33	1.08	18.3
	6	0.67	0.67	0.10	0.1	2.57	2.57	0.37	2.1	2.66	2.66	0.38	2.3	3.25	2.25	0.47	3.4	5.97	3.24	0.86	11.4
	7	0.49	0.49	0.06	0.1	2.35	2.35	0.29	1.3	2.44	2.44	0.30	1.4	2.84	2.13	0.35	1.9	5.66	3.10	0.70	7.6

(With fan at high speed and 12Pa static pressure for MDKT2-800G12, 30Pa for MDKT2-800(E)G30)

MDKT2-800G12 / MDKT2-800G30 / MDKT2-800EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	6.20	4.50	1.78	26.6	9.56	5.76	2.74	63.1	9.36	6.01	2.68	60.6	10.45	5.49	3.00	75.6	14.07	6.82	4.03	136.9
	4	5.83	4.25	1.25	13.2	9.19	5.58	1.98	32.8	9.04	5.83	1.94	31.8	10.04	5.30	2.16	39.2	13.64	6.60	2.93	72.3
	5	5.39	4.07	0.93	7.2	8.79	5.39	1.51	19.2	8.61	5.65	1.48	18.5	9.65	8.34	1.66	23.2	13.20	6.49	2.27	43.4
	6	4.92	3.90	0.71	4.2	8.40	5.24	1.20	12.2	8.24	5.45	1.18	11.7	9.23	4.91	1.32	14.7	12.88	6.28	1.85	28.7
	7	4.42	3.65	0.54	2.5	7.99	4.99	0.98	8.1	7.80	5.27	0.96	7.7	8.84	4.72	1.09	9.9	12.45	6.06	1.53	19.7
6	3	5.61	4.24	1.61	21.7	9.02	5.53	2.58	56.2	8.81	5.77	2.53	53.7	9.92	5.24	2.84	68.1	13.53	6.60	3.88	126.5
	4	5.21	4.04	1.12	10.5	8.66	5.34	1.86	29.2	8.45	5.57	1.82	27.8	9.52	5.06	2.05	35.3	13.10	6.39	2.82	66.7
	5	4.81	3.85	0.83	5.7	8.24	5.14	1.42	16.9	8.07	5.41	1.39	16.2	9.15	4.87	1.57	20.8	12.66	6.17	2.18	39.9
	6	4.32	3.68	0.62	3.2	7.85	4.99	1.12	10.6	7.66	5.21	1.10	10.1	8.69	4.65	1.25	13.1	12.34	5.95	1.77	26.3
	7	3.80	3.42	0.47	1.8	7.44	4.76	0.91	7.0	7.25	5.06	0.89	6.7	8.30	4.46	1.02	8.7	11.90	5.84	1.46	18.0
7	3	5.01	3.98	1.44	17.4	8.42	5.26	2.41	49.0	8.24	5.53	2.36	46.9	9.34	4.98	2.68	60.3	12.88	6.28	3.69	114.7
	4	4.60	3.83	0.99	8.2	8.07	5.08	1.74	25.3	7.86	5.35	1.69	24.0	8.97	4.82	1.93	31.3	12.55	6.17	2.70	61.3
	5	4.16	3.65	0.71	4.3	7.66	4.89	1.32	14.6	7.5	5.16	1.29	14	8.54	4.62	1.47	18.1	12.12	5.95	2.08	36.6
	6	3.66	3.46	0.52	2.3	7.26	4.75	1.04	9.1	7.13	4.98	1.02	8.8	8.15	4.42	1.17	11.5	11.80	5.74	1.69	24.1
	7	3.17	3.17	0.39	1.3	6.87	4.53	0.84	6.0	6.65	4.83	0.82	5.6	7.72	4.23	0.95	7.6	11.36	5.52	1.40	16.4
8	3	4.39	3.78	1.26	13.3	7.85	5.03	2.25	42.6	7.66	5.27	2.20	40.6	8.78	4.71	2.52	53.3	12.34	6.06	3.54	105.2
	4	3.96	3.66	0.85	6.1	7.50	4.86	1.61	21.9	7.27	5.15	1.56	20.6	8.35	4.57	1.80	27.1	11.90	5.84	2.56	55.1
	5	3.51	3.43	0.60	3.1	7.12	4.65	1.22	12.6	6.90	4.94	1.19	11.9	8.00	4.38	1.38	15.9	11.58	5.63	1.99	33.4
	6	3.15	3.15	0.45	1.7	6.66	4.51	0.95	7.7	6.53	4.76	0.94	7.4	7.60	4.18	1.09	10.0	11.15	5.52	1.60	21.5
	7	2.75	2.75	0.34	1.0	6.27	4.31	0.77	5.0	6.07	4.60	0.75	4.7	7.11	4.00	0.87	6.4	10.76	5.31	1.32	14.7
9	3	3.76	3.56	1.08	9.8	7.29	4.81	2.09	36.8	7.09	5.04	2.03	34.7	8.19	4.48	2.35	46.4	11.80	5.84	3.38	96.2
	4	3.41	3.41	0.73	4.5	6.88	4.63	1.48	18.4	6.68	4.89	1.44	17.3	7.77	4.32	1.67	23.5	11.36	5.63	2.44	50.2
	5	3.15	3.05	0.54	2.5	6.52	4.44	1.12	10.6	6.31	4.73	1.09	9.9	7.39	4.12	1.27	13.6	11.04	5.41	1.90	30.3
	6	2.76	2.76	0.40	1.3	6.08	4.27	0.87	6.4	5.87	4.58	0.84	5.9	7.00	3.93	1.00	8.5	10.57	5.29	1.52	19.3
	7	2.25	2.25	0.28	0.6	5.63	4.07	0.69	4.0	5.43	4.37	0.67	3.7	6.52	3.76	0.80	5.4	10.22	5.10	1.26	13.3
10	3	3.31	3.31	0.95	7.6	6.69	4.56	1.92	30.9	6.42	4.86	1.84	28.5	7.62	4.24	2.18	40.1	11.26	5.52	3.23	87.6
	4	3.04	3.04	0.65	3.6	6.28	4.38	1.35	15.3	6.06	4.70	1.30	14.3	7.18	4.08	1.54	20.0	10.79	5.41	2.32	45.3
	5	2.72	2.72	0.47	1.8	5.87	4.24	1.01	8.6	5.62	4.55	0.97	7.9	6.80	3.90	1.17	11.5	10.45	5.22	1.80	27.2
	6	2.33	2.33	0.33	0.9	5.47	4.06	0.78	5.2	5.22	4.37	0.75	4.7	6.35	3.70	0.91	7.0	10.00	5.08	1.43	17.3
	7	1.48	1.48	0.18	0.3	4.99	3.89	0.61	3.2	4.75	4.21	0.58	2.9	5.94	3.52	0.73	4.5	9.56	4.87	1.17	11.6
11	3	2.92	2.92	0.84	5.9	6.04	4.35	1.73	25.2	5.82	4.63	1.67	23.4	7.00	4.02	2.01	33.9	10.62	5.31	3.04	77.9
	4	2.67	2.67	0.57	2.8	5.66	4.20	1.22	12.5	5.43	4.46	1.17	11.5	6.61	3.85	1.42	17.0	10.18	5.17	2.19	40.3
	5	2.32	2.32	0.40	1.3	5.23	4.04	0.90	6.8	4.99	4.35	0.86	6.2	6.18	3.67	1.06	9.5	9.86	4.99	1.70	24.2
	6	1.84	1.84	0.26	0.6	4.76	3.87	0.68	3.9	4.58	4.16	0.66	3.6	5.74	3.48	0.82	5.7	9.40	4.86	1.35	15.3
	7	1.24	1.24	0.15	0.2	4.24	3.73	0.52	2.3	4.09	4.09	0.50	2.1	5.28	3.28	0.65	3.5	8.97	4.65	1.10	10.2
12	3	2.58	2.58	0.74	4.6	5.40	4.15	1.55	20.2	5.14	4.47	1.47	18.3	6.36	3.80	1.82	28.0	10.02	5.11	2.87	69.4
	4	2.27	2.27	0.49	2.0	5.00	4.00	1.08	9.7	4.75	4.32	1.02	8.8	5.98	3.63	1.29	13.9	9.60	4.95	2.06	35.8
	5	1.96	1.96	0.34	1.0	4.57	3.86	0.79	5.2	4.33	4.18	0.74	4.7	5.55	3.46	0.95	7.7	9.23	4.76	1.59	21.2
	6	1.18	1.18	0.17	0.2	4.06	3.73	0.58	2.8	4.02	3.94	0.58	2.8	5.09	3.27	0.73	4.5	8.79	4.63	1.26	13.3
	7	0.97	0.97	0.12	0.1	3.59	3.59	0.44	1.6	3.70	3.70	0.45	1.7	4.62	3.07	0.57	2.7	8.35	4.45	1.03	8.9
13	3	2.22	2.22	0.64	3.4	4.72	3.96	1.35	15.4	4.45	4.30	1.28	13.7	5.74	3.58	1.64	22.7	9.38	4.90	2.69	60.9
	4	1.89	1.89	0.41	1.4	4.32	3.81	0.93	7.3	4.17	4.09	0.90	6.8	5.32	3.41	1.14	11.0	8.98	4.72	1.93	31.4
	5	1.36	1.36	0.23	0.5	3.85	3.77	0.66	3.7	3.90	3.90	0.67	3.8	4.90	3.25	0.84	6.0	8.58	4.53	1.48	18.3
	6	0.91	0.91	0.13	0.1	3.51	3.51	0.50	2.1	3.63	3.63	0.52	2.3	4.43	3.07	0.63	3.4	8.14	4.42	1.17	11.4
	7	0.67	0.67	0.08	0.1	3.20	3.20	0.39	1.3	3.33	3.33	0.41	1.4	3.87	2.90	0.48	1.9	7.72	4.23	0.95	7.6

(With fan at high speed and 12Pa static pressure for MDKT2-1000G12, 30Pa for MDKT2-1000(E)G30)

MDKT2-1000G12 / MDKT2-1000G30 / MDKT2-1000EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	7.36	5.34	2.11	41.8	11.34	6.83	3.25	99.2	11.11	7.13	3.18	95.2	12.41	6.51	3.56	118.7	16.70	8.09	4.79	215.1
	4	6.92	5.05	1.49	20.8	10.90	6.63	2.34	51.6	10.72	6.92	2.31	49.9	11.92	6.29	2.56	61.6	16.18	7.83	3.48	113.6
	5	6.40	4.83	1.10	11.4	10.43	6.40	1.79	30.2	10.22	6.70	1.76	29.0	11.46	9.90	1.97	36.4	15.67	7.71	2.69	68.2
	6	5.84	4.62	0.84	6.6	9.97	6.22	1.43	19.2	9.77	6.47	1.40	18.4	10.95	5.83	1.57	23.1	15.28	7.45	2.19	45.0
	7	5.24	4.33	0.64	3.9	9.48	5.92	1.16	12.7	9.26	6.25	1.14	12.1	10.49	5.60	1.29	15.6	14.77	7.19	1.81	30.9
6	3	6.65	5.03	1.91	34.1	10.70	6.56	3.07	88.3	10.45	6.85	3.00	84.3	11.78	6.22	3.38	107.0	16.05	7.83	4.60	198.8
	4	6.18	4.79	1.33	16.6	10.27	6.33	2.21	45.8	10.03	6.61	2.16	43.7	11.30	6.01	2.43	55.4	15.54	7.58	3.34	104.8
	5	5.70	4.57	0.98	9.0	9.77	6.10	1.68	26.5	9.58	6.42	1.65	25.5	10.85	5.78	1.87	32.7	15.03	7.32	2.58	62.7
	6	5.12	4.37	0.73	5.1	9.31	5.92	1.33	16.7	9.09	6.18	1.30	15.9	10.31	5.52	1.48	20.5	14.64	7.06	2.10	41.3
	7	4.51	4.06	0.55	2.9	8.82	5.65	1.08	11.0	8.60	6.01	1.06	10.5	9.85	5.29	1.21	13.7	14.13	6.94	1.74	28.3
7	3	5.95	4.73	1.70	27.3	9.99	6.24	2.86	77.0	9.77	6.56	2.80	73.7	11.08	5.91	3.18	94.8	15.28	7.45	4.38	180.2
	4	5.46	4.55	1.17	12.9	9.58	6.02	2.06	39.8	9.32	6.34	2.00	37.7	10.65	5.72	2.29	49.2	14.90	7.32	3.20	96.3
	5	4.93	4.33	0.85	6.8	9.09	5.80	1.56	23.0	8.9	6.13	1.53	22	10.13	5.48	1.74	28.5	14.38	7.06	2.47	57.5
	6	4.34	4.11	0.62	3.6	8.62	5.64	1.24	14.3	8.46	5.91	1.21	13.8	9.67	5.24	1.39	18.0	14.00	6.81	2.01	37.8
	7	3.76	3.76	0.46	2.0	8.16	5.38	1.00	9.4	7.89	5.73	0.97	8.8	9.16	5.02	1.12	11.9	13.48	6.55	1.66	25.8
8	3	5.21	4.48	1.49	21.0	9.31	5.97	2.67	66.9	9.09	6.25	2.61	63.8	10.42	5.59	2.99	83.7	14.64	7.19	4.20	165.4
	4	4.70	4.34	1.01	9.6	8.90	5.77	1.91	34.4	8.63	6.11	1.86	32.3	9.91	5.42	2.13	42.7	14.13	6.94	3.04	86.6
	5	4.16	4.07	0.72	4.8	8.45	5.52	1.45	19.8	8.19	5.86	1.41	18.6	9.49	5.20	1.63	25.0	13.74	6.68	2.36	52.4
	6	3.74	3.74	0.54	2.7	7.90	5.36	1.13	12.0	7.74	5.65	1.11	11.6	9.02	4.96	1.29	15.7	13.23	6.55	1.90	33.7
	7	3.26	3.26	0.40	1.5	7.44	5.11	0.91	7.8	7.20	5.46	0.89	7.4	8.44	4.75	1.04	10.1	12.77	6.31	1.57	23.1
9	3	4.46	4.23	1.28	15.3	8.66	5.70	2.48	57.8	8.41	5.98	2.41	54.6	9.72	5.32	2.79	72.9	14.00	6.94	4.01	151.2
	4	4.05	4.05	0.87	7.1	8.17	5.50	1.76	29.0	7.92	5.80	1.70	27.2	9.22	5.12	1.98	36.9	13.48	6.68	2.90	78.9
	5	3.74	3.62	0.64	3.9	7.73	5.27	1.33	16.6	7.49	5.61	1.29	15.6	8.77	4.89	1.51	21.4	13.10	6.42	2.25	47.7
	6	3.27	3.27	0.47	2.1	7.22	5.07	1.03	10.0	6.96	5.43	1.00	9.3	8.31	4.66	1.19	13.3	12.55	6.28	1.80	30.4
	7	2.67	2.67	0.33	1.0	6.68	4.83	0.82	6.3	6.45	5.19	0.79	5.9	7.73	4.46	0.95	8.5	12.12	6.05	1.49	20.8
10	3	3.93	3.93	1.13	11.9	7.94	5.41	2.28	48.6	7.62	5.77	2.18	44.7	9.04	5.03	2.59	63.1	13.36	6.55	3.83	137.6
	4	3.61	3.61	0.78	5.7	7.45	5.20	1.60	24.1	7.19	5.57	1.55	22.4	8.51	4.84	1.83	31.5	12.80	6.42	2.75	71.1
	5	3.22	3.22	0.55	2.9	6.96	5.03	1.20	13.5	6.67	5.39	1.15	12.3	8.07	4.62	1.39	18.1	12.41	6.19	2.13	42.7
	6	2.76	2.76	0.40	1.5	6.49	4.82	0.93	8.1	6.19	5.19	0.89	7.4	7.54	4.39	1.08	11.0	11.87	6.02	1.70	27.2
	7	1.76	1.76	0.22	0.4	5.92	4.61	0.73	5.0	5.64	5.00	0.69	4.5	7.05	4.17	0.87	7.0	11.34	5.78	1.39	18.2
11	3	3.47	3.47	0.99	9.3	7.17	5.16	2.05	39.6	6.91	5.50	1.98	36.8	8.31	4.76	2.38	53.3	12.60	6.31	3.61	122.5
	4	3.17	3.17	0.68	4.4	6.72	4.98	1.44	19.6	6.45	5.29	1.39	18.0	7.85	4.57	1.69	26.7	12.08	6.14	2.60	63.4
	5	2.75	2.75	0.47	2.1	6.20	4.79	1.07	10.7	5.92	5.16	1.02	9.7	7.33	4.35	1.26	14.9	11.70	5.92	2.01	38.0
	6	2.18	2.18	0.31	0.9	5.65	4.60	0.81	6.2	5.43	4.93	0.78	5.7	6.81	4.14	0.98	8.9	11.16	5.77	1.60	24.0
	7	1.48	1.48	0.18	0.3	5.03	4.43	0.62	3.6	4.85	4.85	0.60	3.3	6.27	3.89	0.77	5.6	10.65	5.52	1.31	16.1
12	3	3.06	3.06	0.88	7.2	6.41	4.92	1.84	31.7	6.10	5.30	1.75	28.7	7.55	4.51	2.16	44.0	11.89	6.06	3.41	109.1
	4	2.70	2.70	0.58	3.2	5.93	4.75	1.28	15.3	5.64	5.12	1.21	13.8	7.10	4.30	1.53	21.9	11.39	5.87	2.45	56.3
	5	2.32	2.32	0.40	1.5	5.42	4.58	0.93	8.2	5.14	4.96	0.88	7.3	6.59	4.11	1.13	12.1	10.95	5.65	1.88	33.3
	6	1.40	1.40	0.20	0.4	4.82	4.43	0.69	4.5	4.76	4.67	0.68	4.4	6.04	3.88	0.87	7.0	10.43	5.50	1.49	21.0
	7	1.16	1.16	0.14	0.2	4.26	4.26	0.52	2.6	4.39	4.39	0.54	2.7	5.48	3.65	0.67	4.3	9.91	5.28	1.22	13.9
13	3	2.63	2.63	0.75	5.3	5.60	4.70	1.61	24.2	5.28	5.10	1.51	21.5	6.81	4.25	1.95	35.7	11.13	5.82	3.19	95.7
	4	2.25	2.25	0.48	2.2	5.12	4.52	1.10	11.4	4.94	4.85	1.06	10.6	6.32	4.05	1.36	17.3	10.66	5.60	2.29	49.3
	5	1.62	1.62	0.28	0.7	4.57	4.47	0.79	5.8	4.62	4.62	0.80	5.9	5.82	3.85	1.00	9.4	10.18	5.38	1.75	28.8
	6	1.08	1.08	0.15	0.2	4.16	4.16	0.60	3.3	4.30	4.30	0.62	3.6	5.25	3.65	0.75	5.3	9.66	5.24	1.38	18.0
	7	0.80	0.80	0.10	0.1	3.80	3.80	0.47	2.0	3.96	3.96	0.49	2.2	4.60	3.44	0.56	3.0	9.16	5.02	1.12	11.9

(With fan at high speed and 12Pa static pressure for MDKT2-1200G12, 30Pa for MDKT2-1200(E)G30)

MDKT2-1200G12 / MDKT2-1200G30 / MDKT2-1200EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	8.93	6.48	2.56	74.1	13.76	8.29	3.94	175.9	13.48	8.65	3.86	168.8	15.05	7.90	4.32	210.5	20.26	9.82	5.81	381.2
	4	8.40	6.12	1.81	36.9	13.23	8.04	2.84	91.5	13.01	8.40	2.80	88.5	14.46	7.64	3.11	109.3	19.64	9.51	4.22	201.4
	5	7.76	5.86	1.33	20.1	12.65	7.76	2.18	53.5	12.41	8.14	2.13	51.5	13.90	12.02	2.39	64.6	19.01	9.35	3.27	120.9
	6	7.09	5.61	1.02	11.7	12.09	7.54	1.73	34.0	11.86	7.85	1.70	32.7	13.29	7.08	1.91	41.0	18.55	9.04	2.66	79.9
	7	6.36	5.25	0.78	6.9	11.50	7.18	1.41	22.6	11.24	7.59	1.38	21.5	12.73	6.79	1.56	27.7	17.92	8.73	2.20	54.8
6	3	8.07	6.11	2.31	60.5	12.98	7.96	3.72	156.5	12.69	8.31	3.64	149.5	14.29	7.54	4.10	189.7	19.48	9.51	5.58	352.5
	4	7.50	5.81	1.61	29.4	12.47	7.68	2.68	81.2	12.17	8.03	2.62	77.4	13.71	7.29	2.95	98.3	18.86	9.19	4.05	185.8
	5	6.92	5.55	1.19	16.0	11.86	7.40	2.04	47.0	11.63	7.79	2.00	45.2	13.17	7.01	2.27	58.0	18.23	8.88	3.14	111.2
	6	6.22	5.30	0.89	9.0	11.30	7.18	1.62	29.6	11.03	7.50	1.58	28.3	12.51	6.70	1.79	36.4	17.77	8.57	2.55	73.3
	7	5.47	4.92	0.67	5.1	10.71	6.86	1.32	19.6	10.44	7.29	1.28	18.6	11.95	6.42	1.47	24.4	17.14	8.42	2.11	50.1
7	3	7.22	5.74	2.07	48.4	12.12	7.57	3.48	136.5	11.86	7.96	3.40	130.6	13.45	7.17	3.86	168.0	18.55	9.04	5.32	319.4
	4	6.62	5.52	1.42	22.9	11.63	7.31	2.50	70.6	11.31	7.70	2.43	66.9	12.92	6.94	2.78	87.2	18.08	8.88	3.89	170.7
	5	5.98	5.25	1.03	12.0	11.03	7.04	1.90	40.7	10.8	7.43	1.86	39	12.30	6.65	2.11	50.6	17.45	8.57	3.00	101.9
	6	5.27	4.99	0.76	6.4	10.46	6.84	1.50	25.4	10.27	7.17	1.47	24.5	11.74	6.36	1.68	32.0	16.99	8.26	2.43	67.0
	7	4.57	4.57	0.56	3.6	9.90	6.53	1.22	16.7	9.57	6.95	1.18	15.6	11.11	6.09	1.37	21.1	16.36	7.95	2.01	45.7
8	3	6.33	5.44	1.81	37.2	11.30	7.25	3.24	118.6	11.03	7.59	3.16	113.1	12.64	6.78	3.62	148.4	17.77	8.73	5.09	293.2
	4	5.70	5.27	1.23	17.0	10.80	7.00	2.32	60.9	10.47	7.42	2.25	57.3	12.03	6.58	2.59	75.6	17.14	8.42	3.69	153.5
	5	5.05	4.94	0.87	8.5	10.25	6.70	1.76	35.2	9.94	7.11	1.71	33.1	11.52	6.31	1.98	44.3	16.68	8.10	2.87	93.0
	6	4.54	4.54	0.65	4.8	9.58	6.50	1.37	21.3	9.40	6.86	1.35	20.5	10.94	6.02	1.57	27.8	16.05	7.95	2.30	59.8
	7	3.96	3.96	0.49	2.7	9.02	6.20	1.11	13.9	8.74	6.62	1.07	13.0	10.24	5.77	1.26	17.9	15.49	7.65	1.90	40.9
9	3	5.41	5.13	1.55	27.2	10.50	6.92	3.01	102.5	10.21	7.26	2.93	96.8	11.80	6.45	3.38	129.3	16.99	8.42	4.87	268.0
	4	4.91	4.91	1.06	12.6	9.91	6.67	2.13	51.3	9.62	7.04	2.07	48.3	11.19	6.22	2.41	65.4	16.36	8.10	3.52	139.9
	5	4.54	4.39	0.78	6.9	9.38	6.39	1.61	29.4	9.09	6.81	1.56	27.6	10.64	5.94	1.83	37.9	15.90	7.79	2.73	84.5
	6	3.97	3.97	0.57	3.7	8.76	6.16	1.26	17.8	8.45	6.59	1.21	16.6	10.08	5.66	1.45	23.6	15.23	7.62	2.18	53.8
	7	3.24	3.24	0.40	1.8	8.10	5.86	1.00	11.2	7.82	6.30	0.96	10.4	9.38	5.41	1.15	15.0	14.71	7.34	1.81	36.9
10	3	4.77	4.77	1.37	21.1	9.63	6.56	2.76	86.2	9.24	7.00	2.65	79.3	10.97	6.11	3.15	111.8	16.21	7.95	4.65	244.0
	4	4.38	4.38	0.94	10.0	9.04	6.31	1.94	42.7	8.73	6.76	1.88	39.8	10.33	5.88	2.22	55.8	15.54	7.79	3.34	126.1
	5	3.91	3.91	0.67	5.1	8.45	6.11	1.45	23.9	8.09	6.55	1.39	21.9	9.79	5.61	1.68	32.0	15.05	7.51	2.59	75.8
	6	3.35	3.35	0.48	2.6	7.87	5.84	1.13	14.4	7.51	6.30	1.08	13.1	9.15	5.33	1.31	19.4	14.40	7.31	2.06	48.1
	7	2.14	2.14	0.26	0.8	7.18	5.59	0.88	8.8	6.84	6.06	0.84	8.0	8.56	5.06	1.05	12.5	13.76	7.01	1.69	32.3
11	3	4.21	4.21	1.21	16.4	8.70	6.26	2.49	70.2	8.38	6.67	2.40	65.3	10.08	5.78	2.89	94.4	15.29	7.65	4.38	217.1
	4	3.85	3.85	0.83	7.7	8.15	6.05	1.75	34.7	7.82	6.42	1.68	32.0	9.52	5.55	2.05	47.4	14.66	7.45	3.15	112.4
	5	3.34	3.34	0.57	3.7	7.53	5.81	1.29	18.9	7.18	6.26	1.24	17.3	8.90	5.28	1.53	26.5	14.20	7.18	2.44	67.4
	6	2.65	2.65	0.38	1.6	6.86	5.58	0.98	10.9	6.59	5.98	0.94	10.1	8.26	5.02	1.18	15.8	13.54	7.00	1.94	42.6
	7	1.79	1.79	0.22	0.5	6.11	5.38	0.75	6.4	5.89	5.89	0.72	5.9	7.61	4.72	0.93	9.9	12.92	6.70	1.59	28.5
12	3	3.71	3.71	1.06	12.8	7.78	5.97	2.23	56.2	7.40	6.44	2.12	50.9	9.16	5.47	2.63	78.0	14.43	7.36	4.14	193.4
	4	3.27	3.27	0.70	5.6	7.20	5.77	1.55	27.1	6.84	6.22	1.47	24.5	8.62	5.22	1.85	38.8	13.82	7.12	2.97	99.8
	5	2.82	2.82	0.49	2.7	6.58	5.56	1.13	14.5	6.23	6.02	1.07	13.0	7.99	4.99	1.38	21.4	13.29	6.86	2.29	59.1
	6	1.70	1.70	0.24	0.7	5.84	5.38	0.84	7.9	5.78	5.67	0.83	7.8	7.32	4.71	1.05	12.5	12.65	6.67	1.81	37.2
	7	1.40	1.40	0.17	0.3	5.17	5.17	0.64	4.6	5.33	5.33	0.65	4.8	6.65	4.43	0.82	7.6	12.03	6.41	1.48	24.7
13	3	3.19	3.19	0.92	9.5	6.79	5.70	1.95	42.9	6.41	6.19	1.84	38.1	8.26	5.16	2.37	63.4	13.51	7.06	3.87	169.6
	4	2.73	2.73	0.59	3.9	6.22	5.49	1.34	20.2	6.00	5.89	1.29	18.8	7.67	4.91	1.65	30.7	12.94	6.79	2.78	87.4
	5	1.96	1.96	0.34	1.3	5.55	5.42	0.95	10.3	5.61	5.61	0.96	10.5	7.06	4.68	1.21	16.7	12.36	6.53	2.13	51.1
	6	1.31	1.31	0.19	0.4	5.05	5.05	0.72	5.9	5.22	5.22	0.75	6.3	6.37	4.43	0.91	9.4	11.72	6.36	1.68	31.9
	7	0.97	0.97	0.12	0.2	4.61	4.61	0.57	3.6	4.80	4.80	0.59	3.9	5.58	4.18	0.69	5.3	11.11	6.09	1.37	21.1

(With fan at high speed and 12Pa static pressure for MDKT2-1400G12, 30Pa for MDKT2-1400(E)G30)

MDKT2-1400G12 / MDKT2-1400G30 / MDKT2-1400EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	10.17	7.38	2.92	87.4	15.67	9.44	4.49	207.4	15.35	9.85	4.40	199.1	17.15	9.00	4.92	248.3	23.07	11.18	6.61	449.7
	4	9.57	6.98	2.06	43.5	15.07	9.16	3.24	107.9	14.82	9.57	3.19	104.3	16.47	8.70	3.54	128.9	22.36	10.83	4.81	237.6
	5	8.84	6.67	1.52	23.8	14.41	8.84	2.48	63.2	14.13	9.26	2.43	60.7	15.83	13.68	2.72	76.2	21.65	10.65	3.72	142.6
	6	8.08	6.39	1.16	13.8	13.77	8.59	1.97	40.1	13.51	8.95	1.94	38.5	15.14	8.06	2.17	48.4	21.12	10.29	3.03	94.2
	7	7.24	5.98	0.89	8.1	13.10	8.18	1.61	26.6	12.80	8.64	1.57	25.4	14.50	7.74	1.78	32.6	20.41	9.94	2.51	64.6
6	3	9.19	6.96	2.64	71.4	14.78	9.07	4.24	184.6	14.45	9.46	4.14	176.3	16.28	8.59	4.67	223.7	22.19	10.83	6.36	415.7
	4	8.54	6.62	1.84	34.6	14.20	8.75	3.05	95.8	13.86	9.14	2.98	91.3	15.62	8.31	3.36	115.9	21.48	10.47	4.62	219.1
	5	7.88	6.32	1.36	18.9	13.51	8.43	2.32	55.5	13.24	8.87	2.28	53.3	15.00	7.99	2.58	68.4	20.77	10.12	3.57	131.1
	6	7.08	6.03	1.02	10.6	12.87	8.18	1.84	35.0	12.57	8.54	1.80	33.3	14.25	7.63	2.04	42.9	20.23	9.76	2.90	86.4
	7	6.23	5.61	0.77	6.0	12.19	7.81	1.50	23.1	11.89	8.31	1.46	21.9	13.61	7.31	1.67	28.7	19.52	9.58	2.40	59.1
7	3	8.22	6.53	2.36	57.0	13.81	8.63	3.96	161.0	13.51	9.07	3.87	154.1	15.32	8.16	4.39	198.2	21.12	10.29	6.05	376.8
	4	7.54	6.28	1.62	27.0	13.24	8.32	2.85	83.3	12.89	8.77	2.77	78.9	14.71	7.90	3.16	102.9	20.59	10.12	4.43	201.4
	5	6.82	5.98	1.17	14.1	12.57	8.02	2.16	48.0	12.3	8.47	2.12	46	14.00	7.58	2.41	59.6	19.88	9.76	3.42	120.2
	6	6.00	5.68	0.86	7.6	11.91	7.79	1.71	29.9	11.70	8.16	1.68	28.9	13.36	7.24	1.92	37.7	19.35	9.41	2.77	79.0
	7	5.20	5.20	0.64	4.2	11.27	7.44	1.38	19.7	10.90	7.92	1.34	18.4	12.65	6.94	1.55	24.8	18.64	9.05	2.29	53.9
8	3	7.21	6.19	2.07	43.9	12.87	8.25	3.69	139.9	12.57	8.64	3.60	133.4	14.39	7.72	4.13	175.0	20.23	9.94	5.80	345.8
	4	6.50	6.00	1.40	20.0	12.30	7.97	2.64	71.9	11.93	8.45	2.56	67.6	13.70	7.49	2.95	89.2	19.52	9.58	4.20	181.1
	5	5.75	5.63	0.99	10.1	11.68	7.63	2.01	41.5	11.32	8.09	1.95	39.0	13.12	7.19	2.26	52.3	18.99	9.23	3.27	109.7
	6	5.16	5.16	0.74	5.6	10.92	7.40	1.56	25.2	10.70	7.81	1.53	24.2	12.46	6.85	1.79	32.8	18.28	9.05	2.62	70.6
	7	4.51	4.51	0.55	3.2	10.28	7.06	1.26	16.4	9.96	7.54	1.22	15.4	11.66	6.57	1.43	21.1	17.64	8.71	2.17	48.3
9	3	6.16	5.84	1.77	32.0	11.96	7.88	3.43	120.9	11.63	8.27	3.33	114.1	13.44	7.35	3.85	152.5	19.35	9.58	5.55	316.1
	4	5.59	5.59	1.20	14.9	11.29	7.60	2.43	60.5	10.95	8.02	2.35	57.0	12.74	7.08	2.74	77.2	18.64	9.23	4.01	165.0
	5	5.16	5.01	0.89	8.1	10.68	7.28	1.84	34.7	10.35	7.76	1.78	32.6	12.12	6.76	2.09	44.7	18.10	8.87	3.11	99.7
	6	4.53	4.53	0.65	4.3	9.97	7.01	1.43	21.0	9.62	7.51	1.38	19.5	11.48	6.44	1.65	27.8	17.34	8.68	2.49	63.5
	7	3.69	3.69	0.45	2.1	9.23	6.67	1.13	13.2	8.91	7.17	1.09	12.3	10.68	6.16	1.31	17.7	16.75	8.36	2.06	43.5
10	3	5.43	5.43	1.56	24.9	10.97	7.47	3.14	101.6	10.53	7.97	3.02	93.6	12.50	6.96	3.58	131.9	18.46	9.05	5.29	287.8
	4	4.99	4.99	1.07	11.8	10.29	7.19	2.21	50.3	9.94	7.70	2.14	46.9	11.77	6.69	2.53	65.8	17.70	8.87	3.80	148.8
	5	4.45	4.45	0.77	6.0	9.62	6.96	1.65	28.1	9.21	7.45	1.58	25.8	11.15	6.39	1.92	37.8	17.15	8.55	2.95	89.4
	6	3.82	3.82	0.55	3.1	8.96	6.66	1.28	17.0	8.55	7.17	1.23	15.5	10.42	6.07	1.49	22.9	16.40	8.32	2.35	56.8
	7	2.43	2.43	0.30	0.9	8.18	6.37	1.01	10.4	7.79	6.90	0.96	9.4	9.74	5.77	1.20	14.7	15.67	7.99	1.93	38.1
11	3	4.79	4.79	1.37	19.4	9.90	7.14	2.84	82.8	9.55	7.60	2.74	77.0	11.48	6.58	3.29	111.4	17.41	8.71	4.99	256.1
	4	4.38	4.38	0.94	9.1	9.28	6.89	2.00	40.9	8.91	7.31	1.92	37.7	10.84	6.32	2.33	55.9	16.70	8.48	3.59	132.5
	5	3.80	3.80	0.65	4.4	8.57	6.62	1.47	22.3	8.18	7.14	1.41	20.4	10.13	6.02	1.74	31.2	16.17	8.18	2.78	79.5
	6	3.02	3.02	0.43	1.9	7.81	6.35	1.12	12.9	7.51	6.82	1.08	11.9	9.41	5.72	1.35	18.7	15.42	7.97	2.21	50.2
	7	2.04	2.04	0.25	0.6	6.96	6.12	0.85	7.5	6.71	6.71	0.82	7.0	8.66	5.38	1.06	11.6	14.71	7.63	1.81	33.6
12	3	4.22	4.22	1.21	15.1	8.86	6.80	2.54	66.3	8.43	7.33	2.42	60.0	10.44	6.23	2.99	92.0	16.44	8.38	4.71	228.1
	4	3.73	3.73	0.80	6.6	8.20	6.57	1.76	31.9	7.79	7.08	1.68	28.8	9.82	5.95	2.11	45.8	15.74	8.11	3.38	117.7
	5	3.21	3.21	0.55	3.1	7.49	6.34	1.29	17.1	7.10	6.85	1.22	15.3	9.11	5.68	1.57	25.2	15.14	7.81	2.60	69.7
	6	1.93	1.93	0.28	0.8	6.66	6.12	0.95	9.4	6.58	6.46	0.94	9.2	8.34	5.36	1.20	14.7	14.41	7.60	2.07	43.9
	7	1.60	1.60	0.20	0.4	5.89	5.89	0.72	5.4	6.07	6.07	0.75	5.7	7.58	5.04	0.93	8.9	13.70	7.29	1.68	29.1
13	3	3.64	3.64	1.04	11.2	7.74	6.50	2.22	50.6	7.29	7.05	2.09	44.9	9.41	5.87	2.70	74.7	15.39	8.04	4.41	200.0
	4	3.11	3.11	0.67	4.6	7.08	6.25	1.52	23.8	6.83	6.71	1.47	22.2	8.73	5.59	1.88	36.2	14.73	7.74	3.17	103.1
	5	2.24	2.24	0.38	1.5	6.32	6.18	1.09	12.1	6.39	6.39	1.10	12.4	8.04	5.32	1.38	19.7	14.07	7.44	2.42	60.2
	6	1.49	1.49	0.21	0.5	5.75	5.75	0.82	7.0	5.95	5.95	0.85	7.5	7.26	5.04	1.04	11.1	13.35	7.24	1.91	37.6
	7	1.10	1.10	0.14	0.2	5.25	5.25	0.65	4.3	5.47	5.47	0.67	4.6	6.35	4.76	0.78	6.3	12.65	6.94	1.55	24.8

Cooling capacity modification coefficient table:

Speed	200		300		400		500		600		800		1000		1200		1400	
	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC
High	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Med	0.87	0.84	0.86	0.82	0.86	0.83	0.85	0.81	0.83	0.79	0.84	0.8	0.86	0.82	0.85	0.81	0.85	0.81

Low	0.76	0.73	0.75	0.71	0.74	0.7	0.74	0.7	0.74	0.7	0.76	0.72	0.72	0.68	0.73	0.69	0.75	0.71

2-row Duct Heating Capacity

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

(with fan at high speed and 12Pa/30Pa static pressure for relative models)

Model	Δt	Air inlet temp. (20℃ DB)																	
		Water inlet temp. (℃)																	
		30			40			50			60			70			80		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
200	10	0.5	0.04	0.1	1.76	0.15	1	3.08	0.26	2.9	4.37	0.38	5.9	5.63	0.48	9.8	6.86	0.59	14.5
	8	0.62	0.07	0.2	1.94	0.21	1.8	3.24	0.35	5.1	4.49	0.48	9.7	5.75	0.62	16	6.98	0.75	23.5
	6	0.78	0.11	0.5	2.1	0.3	3.8	3.38	0.48	9.8	4.65	0.67	18.5	5.91	0.85	30	7.13	1.02	43.6
300	10	0.68	0.06	0.2	2.38	0.2	2	4.16	0.36	6.2	5.91	0.51	12.5	7.62	0.66	20.8	9.28	0.8	30.9
	8	0.84	0.09	0.4	2.62	0.28	3.8	4.38	0.47	10.7	6.07	0.65	20.7	7.78	0.84	33.9	9.44	1.01	49.9
	6	1.06	0.15	1.1	2.84	0.41	8	4.57	0.66	20.8	6.29	0.9	39.3	7.99	1.15	63.6	9.64	1.38	92.6
400	10	0.85	0.07	0.3	2.96	0.25	3.2	5.17	0.44	9.6	7.35	0.63	19.5	9.47	0.81	32.3	11.53	0.99	47.9
	8	1.05	0.11	0.6	3.26	0.35	6	5.44	0.58	16.7	7.55	0.81	32.1	9.67	1.04	52.6	11.73	1.26	77.5
	6	1.32	0.19	1.7	3.53	0.51	12.5	5.68	0.81	32.3	7.81	1.12	61.1	9.93	1.42	98.7	11.98	1.72	143.8
500	10	1.07	0.09	0.3	3.75	0.32	4.2	6.55	0.56	12.7	9.31	0.8	25.7	12	1.03	42.6	14.62	1.26	63.2
	8	1.32	0.14	0.8	4.13	0.44	7.9	6.9	0.74	22	9.57	1.03	42.3	12.25	1.32	69.4	14.87	1.6	102.2
	6	1.67	0.24	2.3	4.47	0.64	16.4	7.2	1.03	42.6	9.9	1.42	80.6	12.59	1.8	130.2	15.19	2.18	189.7
600	10	1.29	0.11	0.2	4.51	0.39	2.8	7.87	0.68	8.6	11.19	0.96	17.4	14.42	1.24	28.8	17.56	1.51	42.7
	8	1.59	0.17	0.5	4.96	0.53	5.3	8.29	0.89	14.9	11.49	1.24	28.6	14.72	1.58	46.9	17.86	1.92	69.1
	6	2.01	0.29	1.6	5.37	0.77	11.1	8.65	1.24	28.8	11.9	1.71	54.5	15.12	2.17	88	18.25	2.62	128.2
800	10	1.73	0.15	0.3	6.04	0.52	3.3	10.55	0.91	10.1	14.99	1.29	20.3	19.32	1.66	33.7	23.53	2.02	50
	8	2.13	0.23	0.6	6.65	0.71	6.2	11.1	1.19	17.4	15.4	1.66	33.5	19.72	2.12	54.9	23.93	2.57	80.8
	6	2.69	0.39	1.8	7.2	1.03	13	11.59	1.66	33.7	15.94	2.28	63.7	20.26	2.9	103	24.45	3.51	150
1000	10	2.13	0.18	0.3	7.45	0.64	4.2	13.02	1.12	12.8	18.5	1.59	25.9	23.83	2.05	43	29.03	2.5	63.8
	8	2.63	0.28	0.8	8.2	0.88	8	13.7	1.47	22.2	19	2.04	42.7	24.33	2.62	70	29.53	3.17	103.1
	6	3.32	0.48	2.3	8.88	1.27	16.6	14.3	2.05	43	19.67	2.82	81.3	25	3.58	131.4	30.17	4.32	191.4
1200	10	2.59	0.22	0.5	9.05	0.78	6.5	15.82	1.36	19.9	22.48	1.93	40.2	28.97	2.49	66.8	35.28	3.03	99.1
	8	3.2	0.34	1.3	9.97	1.07	12.4	16.65	1.79	34.5	23.09	2.48	66.3	29.57	3.18	108.8	35.89	3.86	160.2
	6	4.03	0.58	3.6	10.8	1.55	25.8	17.38	2.49	66.8	23.9	3.43	126.3	30.38	4.36	204.2	36.67	5.26	297.4
1400	10	3.09	0.27	0.7	10.82	0.93	8.5	18.9	1.63	26	26.86	2.31	52.4	34.6	2.98	87	42.14	3.62	129.1
	8	3.82	0.41	1.7	11.9	1.28	16.1	19.89	2.14	44.9	27.58	2.97	86.4	35.33	3.8	141.7	42.87	4.61	208.7
	6	4.82	0.69	4.7	12.9	1.85	33.6	20.76	2.98	87	28.55	4.09	164.6	36.29	5.2	265.9	43.8	6.28	387.3

Heating capacity modification coefficient table:

Speed	200	300	400	500	600
	TH	TH	TH	TH	TH
High	1	1	1	1	1
Medium	0.86	0.87	0.86	0.85	0.84
Low	0.74	0.75	0.75	0.75	0.73

Speed	800	1000	1200	1400
	TH	TH	TH	TH
High	1	1	1	1
Medium	0.86	0.87	0.85	0.86
Low	0.75	0.74	0.74	0.75

Altitude modification coefficient table:

Altitude (m)	TC	SC	TH
500	0.98	0.95	0.95
1000	0.97	0.91	0.91
1500	0.95	0.86	0.86
2000	0.94	0.82	0.82
2500	0.93	0.78	0.78
300	0.91	0.74	0.7

Operating limits:

Mode	Outdoor Temp.	Room Temp.	Enter water Temp.
Cooling	0~43℃	17~32℃	3~20℃

Heating	-15~24℃	0~30℃	30~80℃

3-row Duct Cooling capacity

EWT: Entering Water Temp. (℃) **Δt**: Temperature Difference (℃) **DB**: Dry Bulb Temp. (℃) **WB**: Wet Bulb Temp. (℃)

TC: Total Cooling Capacity (kW) **SC**: Sensible Cooling Capacity (kW) **WPD**: Water Pressure Drop (kPa) **WF**: Water Flow (m^3/h)

(With fan at high speed and 12Pa static pressure for MDKT3-200G12, 30Pa for MDKT3-200(E)G30)

MDKT3-200G12 / MDKT3-200G30 / MDKT3-200EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	1.82	1.32	0.52	26.6	2.80	1.69	0.80	63.1	2.75	1.76	0.79	60.6	3.07	1.61	0.88	75.6	4.13	2.00	1.18	136.9
	4	1.71	1.25	0.37	13.2	2.70	1.64	0.58	32.8	2.65	1.71	0.57	31.8	2.95	1.56	0.63	39.2	4.00	1.94	0.86	72.3
	5	1.58	1.19	0.27	7.2	2.58	1.58	0.44	19.2	2.53	1.66	0.43	18.5	2.83	2.45	0.49	23.2	3.87	1.90	0.67	43.4
	6	1.44	1.14	0.21	4.2	2.46	1.54	0.35	12.2	2.42	1.60	0.35	11.7	2.71	1.44	0.39	14.7	3.78	1.84	0.54	28.7
	7	1.30	1.07	0.16	2.5	2.34	1.46	0.29	8.1	2.29	1.55	0.28	7.7	2.59	1.38	0.32	9.9	3.65	1.78	0.45	19.7
6	3	1.64	1.24	0.47	21.7	2.64	1.62	0.76	56.2	2.58	1.69	0.74	53.7	2.91	1.54	0.83	68.1	3.97	1.94	1.14	126.5
	4	1.53	1.18	0.33	10.5	2.54	1.57	0.55	29.2	2.48	1.63	0.53	27.8	2.79	1.49	0.60	35.3	3.84	1.87	0.83	66.7
	5	1.41	1.13	0.24	5.7	2.42	1.51	0.42	16.9	2.37	1.59	0.41	16.2	2.68	1.43	0.46	20.8	3.71	1.81	0.64	39.9
	6	1.27	1.08	0.18	3.2	2.30	1.46	0.33	10.6	2.25	1.53	0.32	10.1	2.55	1.37	0.37	13.1	3.62	1.75	0.52	26.3
	7	1.11	1.00	0.14	1.8	2.18	1.40	0.27	7.0	2.13	1.49	0.26	6.7	2.43	1.31	0.30	8.7	3.49	1.71	0.43	18.0
7	3	1.47	1.17	0.42	17.4	2.47	1.54	0.71	49.0	2.42	1.62	0.69	46.9	2.74	1.46	0.79	60.3	3.78	1.84	1.08	114.7
	4	1.35	1.12	0.29	8.2	2.37	1.49	0.51	25.3	2.30	1.57	0.50	24.0	2.63	1.41	0.57	31.3	3.68	1.81	0.79	61.3
	5	1.22	1.07	0.21	4.3	2.25	1.43	0.39	14.6	2.2	1.51	0.38	14	2.50	1.36	0.43	18.1	3.56	1.75	0.61	36.6
	6	1.07	1.02	0.15	2.3	2.13	1.39	0.31	9.1	2.09	1.46	0.30	8.8	2.39	1.30	0.34	11.5	3.46	1.68	0.50	24.1
	7	0.93	0.93	0.11	1.3	2.02	1.33	0.25	6.0	1.95	1.42	0.24	5.6	2.26	1.24	0.28	7.6	3.33	1.62	0.41	16.4
8	3	1.29	1.11	0.37	13.3	2.30	1.48	0.66	42.6	2.25	1.55	0.64	40.6	2.57	1.38	0.74	53.3	3.62	1.78	1.04	105.2
	4	1.16	1.07	0.25	6.1	2.20	1.43	0.47	21.9	2.13	1.51	0.46	20.6	2.45	1.34	0.53	27.1	3.49	1.71	0.75	55.1
	5	1.03	1.01	0.18	3.1	2.09	1.37	0.36	12.6	2.03	1.45	0.35	11.9	2.35	1.29	0.40	15.9	3.40	1.65	0.58	33.4
	6	0.92	0.92	0.13	1.7	1.95	1.32	0.28	7.7	1.91	1.40	0.27	7.4	2.23	1.23	0.32	10.0	3.27	1.62	0.47	21.5
	7	0.81	0.81	0.10	1.0	1.84	1.26	0.23	5.0	1.78	1.35	0.22	4.7	2.09	1.17	0.26	6.4	3.16	1.56	0.39	14.7
9	3	1.10	1.04	0.32	9.8	2.14	1.41	0.61	36.8	2.08	1.48	0.60	34.7	2.40	1.31	0.69	46.4	3.46	1.71	0.99	96.2
	4	1.00	1.00	0.22	4.5	2.02	1.36	0.43	18.4	1.96	1.43	0.42	17.3	2.28	1.27	0.49	23.5	3.33	1.65	0.72	50.2
	5	0.92	0.90	0.16	2.5	1.91	1.30	0.33	10.6	1.85	1.39	0.32	9.9	2.17	1.21	0.37	13.6	3.24	1.59	0.56	30.3
	6	0.81	0.81	0.12	1.3	1.78	1.25	0.26	6.4	1.72	1.34	0.25	5.9	2.05	1.15	0.29	8.5	3.10	1.55	0.44	19.3
	7	0.66	0.66	0.08	0.6	1.65	1.19	0.20	4.0	1.59	1.28	0.20	3.7	1.91	1.10	0.23	5.4	3.00	1.50	0.37	13.3
10	3	0.97	0.97	0.28	7.6	1.96	1.34	0.56	30.9	1.88	1.43	0.54	28.5	2.23	1.24	0.64	40.1	3.30	1.62	0.95	87.6
	4	0.89	0.89	0.19	3.6	1.84	1.29	0.40	15.3	1.78	1.38	0.38	14.3	2.10	1.20	0.45	20.0	3.17	1.59	0.68	45.3
	5	0.80	0.80	0.14	1.8	1.72	1.24	0.30	8.6	1.65	1.33	0.28	7.9	1.99	1.14	0.34	11.5	3.07	1.53	0.53	27.2
	6	0.68	0.68	0.10	0.9	1.60	1.19	0.23	5.2	1.53	1.28	0.22	4.7	1.86	1.09	0.27	7.0	2.93	1.49	0.42	17.3
	7	0.43	0.43	0.05	0.3	1.46	1.14	0.18	3.2	1.39	1.23	0.17	2.9	1.74	1.03	0.21	4.5	2.80	1.43	0.34	11.6
11	3	0.86	0.86	0.25	5.9	1.77	1.28	0.51	25.2	1.71	1.36	0.49	23.4	2.05	1.18	0.59	33.9	3.11	1.56	0.89	77.9
	4	0.78	0.78	0.17	2.8	1.66	1.23	0.36	12.5	1.59	1.31	0.34	11.5	1.94	1.13	0.42	17.0	2.99	1.52	0.64	40.3
	5	0.68	0.68	0.12	1.3	1.53	1.18	0.26	6.8	1.46	1.28	0.25	6.2	1.81	1.08	0.31	9.5	2.89	1.46	0.50	24.2
	6	0.54	0.54	0.08	0.6	1.40	1.14	0.20	3.9	1.34	1.22	0.19	3.6	1.68	1.02	0.24	5.7	2.76	1.43	0.40	15.3
	7	0.37	0.37	0.04	0.2	1.24	1.10	0.15	2.3	1.20	1.20	0.15	2.1	1.55	0.96	0.19	3.5	2.63	1.37	0.32	10.2
12	3	0.76	0.76	0.22	4.6	1.58	1.22	0.45	20.2	1.51	1.31	0.43	18.3	1.87	1.11	0.54	28.0	2.94	1.50	0.84	69.4
	4	0.67	0.67	0.14	2.0	1.47	1.17	0.32	9.7	1.39	1.27	0.30	8.8	1.76	1.06	0.38	13.9	2.82	1.45	0.61	35.8
	5	0.57	0.57	0.10	1.0	1.34	1.13	0.23	5.2	1.27	1.23	0.22	4.7	1.63	1.02	0.28	7.7	2.71	1.40	0.47	21.2
	6	0.35	0.35	0.05	0.2	1.19	1.10	0.17	2.8	1.18	1.16	0.17	2.8	1.49	0.96	0.21	4.5	2.58	1.36	0.37	13.3
	7	0.29	0.29	0.04	0.1	1.05	1.05	0.13	1.6	1.09	1.09	0.13	1.7	1.36	0.90	0.17	2.7	2.45	1.30	0.30	8.9
13	3	0.65	0.65	0.19	3.4	1.38	1.16	0.40	15.4	1.30	1.26	0.37	13.7	1.68	1.05	0.48	22.7	2.75	1.44	0.79	60.9
	4	0.56	0.56	0.12	1.4	1.27	1.12	0.27	7.3	1.22	1.20	0.26	6.8	1.56	1.00	0.34	11.0	2.63	1.38	0.57	31.4
	5	0.40	0.40	0.07	0.5	1.13	1.10	0.19	3.7	1.14	1.14	0.20	3.8	1.44	0.95	0.25	6.0	2.52	1.33	0.43	18.3
	6	0.27	0.27	0.04	0.1	1.03	1.03	0.15	2.1	1.06	1.06	0.15	2.3	1.30	0.90	0.19	3.4	2.39	1.30	0.34	11.4
	7	0.20	0.20	0.02	0.1	0.94	0.94	0.12	1.3	0.98	0.98	0.12	1.4	1.14	0.85	0.14	1.9	2.26	1.24	0.28	7.6

(With fan at high speed and 12Pa static pressure for MDKT3-300G12, 30Pa for MDKT3-300(E)G30)

MDKT3-300G12 / MDKT3-300G30 / MDKT3-300EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	2.56	1.86	0.73	49.4	3.95	2.38	1.13	117.3	3.87	2.48	1.11	112.5	4.32	2.27	1.24	140.3	5.82	2.82	1.67	254.2
	4	2.41	1.76	0.52	24.6	3.80	2.31	0.82	61.0	3.74	2.41	0.80	59.0	4.15	2.19	0.89	72.8	5.64	2.73	1.21	134.3
	5	2.23	1.68	0.38	13.4	3.63	2.23	0.62	35.7	3.56	2.34	0.61	34.3	3.99	3.45	0.69	43.1	5.46	2.68	0.94	80.6
	6	2.04	1.61	0.29	7.8	3.47	2.17	0.50	22.6	3.40	2.25	0.49	21.8	3.82	2.03	0.55	27.4	5.32	2.59	0.76	53.2
	7	1.83	1.51	0.22	4.6	3.30	2.06	0.41	15.0	3.23	2.18	0.40	14.4	3.65	1.95	0.45	18.4	5.14	2.51	0.63	36.5
6	3	2.32	1.75	0.66	40.4	3.73	2.29	1.07	104.4	3.64	2.38	1.04	99.6	4.10	2.17	1.18	126.5	5.59	2.73	1.60	235.0
	4	2.15	1.67	0.46	19.6	3.58	2.21	0.77	54.1	3.49	2.30	0.75	51.6	3.94	2.09	0.85	65.5	5.41	2.64	1.16	123.9
	5	1.99	1.59	0.34	10.7	3.40	2.12	0.59	31.4	3.34	2.24	0.57	30.1	3.78	2.01	0.65	38.7	5.23	2.55	0.90	74.1
	6	1.78	1.52	0.26	6.0	3.24	2.06	0.46	19.8	3.17	2.15	0.45	18.8	3.59	1.92	0.51	24.2	5.10	2.46	0.73	48.9
	7	1.57	1.41	0.19	3.4	3.07	1.97	0.38	13.0	3.00	2.09	0.37	12.4	3.43	1.84	0.42	16.2	4.92	2.42	0.60	33.4
7	3	2.07	1.65	0.59	32.2	3.48	2.17	1.00	91.0	3.40	2.29	0.98	87.1	3.86	2.06	1.11	112.0	5.32	2.59	1.53	213.0
	4	1.90	1.58	0.41	15.3	3.34	2.10	0.72	47.1	3.25	2.21	0.70	44.6	3.71	1.99	0.80	58.1	5.19	2.55	1.12	113.8
	5	1.72	1.51	0.30	8.0	3.17	2.02	0.54	27.1	3.1	2.13	0.53	26	3.53	1.91	0.61	33.7	5.01	2.46	0.86	67.9
	6	1.51	1.43	0.22	4.3	3.00	1.96	0.43	16.9	2.95	2.06	0.42	16.3	3.37	1.83	0.48	21.3	4.88	2.37	0.70	44.7
	7	1.31	1.31	0.16	2.4	2.84	1.87	0.35	11.1	2.75	2.00	0.34	10.4	3.19	1.75	0.39	14.0	4.70	2.28	0.58	30.5
8	3	1.82	1.56	0.52	24.8	3.24	2.08	0.93	79.0	3.17	2.18	0.91	75.4	3.63	1.95	1.04	98.9	5.10	2.51	1.46	195.4
	4	1.64	1.51	0.35	11.3	3.10	2.01	0.67	40.6	3.01	2.13	0.65	38.2	3.45	1.89	0.74	50.4	4.92	2.42	1.06	102.4
	5	1.45	1.42	0.25	5.7	2.94	1.92	0.51	23.4	2.85	2.04	0.49	22.0	3.31	1.81	0.57	29.6	4.79	2.33	0.82	62.0
	6	1.30	1.30	0.19	3.2	2.75	1.87	0.39	14.2	2.70	1.97	0.39	13.7	3.14	1.73	0.45	18.5	4.61	2.28	0.66	39.9
	7	1.14	1.14	0.14	1.8	2.59	1.78	0.32	9.3	2.51	1.90	0.31	8.7	2.94	1.66	0.36	11.9	4.45	2.20	0.55	27.3
9	3	1.55	1.47	0.44	18.1	3.02	1.99	0.86	68.3	2.93	2.08	0.84	64.5	3.39	1.85	0.97	86.2	4.88	2.42	1.40	178.7
	4	1.41	1.41	0.30	8.4	2.85	1.91	0.61	34.2	2.76	2.02	0.59	32.2	3.21	1.78	0.69	43.6	4.70	2.33	1.01	93.3
	5	1.30	1.26	0.22	4.6	2.69	1.83	0.46	19.6	2.61	1.95	0.45	18.4	3.06	1.70	0.53	25.3	4.56	2.24	0.78	56.3
	6	1.14	1.14	0.16	2.4	2.51	1.77	0.36	11.9	2.42	1.89	0.35	11.0	2.89	1.62	0.41	15.7	4.37	2.19	0.63	35.9
	7	0.93	0.93	0.11	1.2	2.33	1.68	0.29	7.5	2.25	1.81	0.28	7.0	2.69	1.55	0.33	10.0	4.22	2.11	0.52	24.6
10	3	1.37	1.37	0.39	14.1	2.76	1.88	0.79	57.4	2.65	2.01	0.76	52.9	3.15	1.75	0.90	74.5	4.65	2.28	1.33	162.7
	4	1.26	1.26	0.27	6.7	2.59	1.81	0.56	28.5	2.51	1.94	0.54	26.5	2.97	1.69	0.64	37.2	4.46	2.24	0.96	84.1
	5	1.12	1.12	0.19	3.4	2.42	1.75	0.42	15.9	2.32	1.88	0.40	14.6	2.81	1.61	0.48	21.4	4.32	2.16	0.74	50.5
	6	0.96	0.96	0.14	1.7	2.26	1.68	0.32	9.6	2.16	1.81	0.31	8.7	2.63	1.53	0.38	13.0	4.13	2.10	0.59	32.1
	7	0.61	0.61	0.08	0.5	2.06	1.61	0.25	5.9	1.96	1.74	0.24	5.3	2.46	1.45	0.30	8.3	3.95	2.01	0.49	21.5
11	3	1.21	1.21	0.35	11.0	2.50	1.80	0.72	46.8	2.41	1.91	0.69	43.5	2.89	1.66	0.83	63.0	4.39	2.20	1.26	144.7
	4	1.10	1.10	0.24	5.2	2.34	1.74	0.50	23.1	2.25	1.84	0.48	21.3	2.73	1.59	0.59	31.6	4.21	2.14	0.91	74.9
	5	0.96	0.96	0.16	2.5	2.16	1.67	0.37	12.6	2.06	1.80	0.35	11.5	2.55	1.52	0.44	17.7	4.08	2.06	0.70	44.9
	6	0.76	0.76	0.11	1.1	1.97	1.60	0.28	7.3	1.89	1.72	0.27	6.7	2.37	1.44	0.34	10.6	3.89	2.01	0.56	28.4
	7	0.51	0.51	0.06	0.4	1.75	1.54	0.22	4.2	1.69	1.69	0.21	3.9	2.18	1.36	0.27	6.6	3.71	1.92	0.46	19.0
12	3	1.06	1.06	0.31	8.5	2.23	1.71	0.64	37.4	2.12	1.85	0.61	33.9	2.63	1.57	0.75	52.0	4.14	2.11	1.19	129.0
	4	0.94	0.94	0.20	3.7	2.07	1.66	0.44	18.1	1.96	1.78	0.42	16.3	2.47	1.50	0.53	25.9	3.97	2.04	0.85	66.6
	5	0.81	0.81	0.14	1.8	1.89	1.60	0.32	9.6	1.79	1.73	0.31	8.7	2.29	1.43	0.39	14.2	3.82	1.97	0.66	39.4
	6	0.49	0.49	0.07	0.4	1.68	1.54	0.24	5.3	1.66	1.63	0.24	5.2	2.10	1.35	0.30	8.3	3.63	1.91	0.52	24.8
	7	0.40	0.40	0.05	0.2	1.49	1.49	0.18	3.0	1.53	1.53	0.19	3.2	1.91	1.27	0.23	5.0	3.45	1.84	0.42	16.5
13	3	0.92	0.92	0.26	6.3	1.95	1.64	0.56	28.6	1.84	1.78	0.53	25.4	2.37	1.48	0.68	42.2	3.88	2.03	1.11	113.0
	4	0.78	0.78	0.17	2.6	1.78	1.57	0.38	13.5	1.72	1.69	0.37	12.5	2.20	1.41	0.47	20.5	3.71	1.95	0.80	58.3
	5	0.56	0.56	0.10	0.9	1.59	1.56	0.27	6.9	1.61	1.61	0.28	7.0	2.03	1.34	0.35	11.1	3.55	1.87	0.61	34.0
	6	0.38	0.38	0.05	0.3	1.45	1.45	0.21	3.9	1.50	1.50	0.21	4.2	1.83	1.27	0.26	6.3	3.36	1.83	0.48	21.3
	7	0.28	0.28	0.03	0.1	1.32	1.32	0.16	2.4	1.38	1.38	0.17	2.6	1.60	1.20	0.20	3.5	3.19	1.75	0.39	14.0

(With fan at high speed and 12Pa static pressure for MDKT3-400G12, 30Pa for MDKT3-400(E)G30)

MDKT3-400G12 / MDKT3-400G30 / MDKT3-400EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	3.31	2.40	0.95	34.2	5.10	3.07	1.46	81.2	4.99	3.20	1.43	77.9	5.58	2.93	1.60	97.2	7.50	3.64	2.15	176.0
	4	3.11	2.27	0.67	17.0	4.90	2.98	1.05	42.2	4.82	3.11	1.04	40.8	5.36	2.83	1.15	50.4	7.27	3.52	1.56	93.0
	5	2.87	2.17	0.49	9.3	4.69	2.87	0.81	24.7	4.59	3.01	0.79	23.7	5.15	4.45	0.89	29.8	7.04	3.46	1.21	55.8
	6	2.63	2.08	0.38	5.4	4.48	2.79	0.64	15.7	4.39	2.91	0.63	15.1	4.92	2.62	0.71	18.9	6.87	3.35	0.98	36.9
	7	2.35	1.95	0.29	3.2	4.26	2.66	0.52	10.4	4.16	2.81	0.51	9.9	4.72	2.52	0.58	12.8	6.64	3.23	0.82	25.3
6	3	2.99	2.26	0.86	27.9	4.81	2.95	1.38	72.2	4.70	3.08	1.35	69.0	5.29	2.79	1.52	87.5	7.22	3.52	2.07	162.7
	4	2.78	2.15	0.60	13.5	4.62	2.85	0.99	37.5	4.51	2.97	0.97	35.7	5.08	2.70	1.09	45.4	6.98	3.41	1.50	85.7
	5	2.56	2.05	0.44	7.4	4.39	2.74	0.76	21.7	4.31	2.89	0.74	20.9	4.88	2.60	0.84	26.8	6.75	3.29	1.16	51.3
	6	2.30	1.96	0.33	4.1	4.18	2.66	0.60	13.7	4.09	2.78	0.59	13.0	4.63	2.48	0.66	16.8	6.58	3.17	0.94	33.8
	7	2.03	1.82	0.25	2.4	3.97	2.54	0.49	9.0	3.87	2.70	0.48	8.6	4.43	2.38	0.54	11.2	6.35	3.12	0.78	23.1
7	3	2.67	2.12	0.77	22.3	4.49	2.81	1.29	63.0	4.39	2.95	1.26	60.3	4.98	2.66	1.43	77.5	6.87	3.35	1.97	147.4
	4	2.45	2.04	0.53	10.6	4.31	2.71	0.93	32.6	4.19	2.85	0.90	30.9	4.78	2.57	1.03	40.2	6.70	3.29	1.44	78.8
	5	2.22	1.95	0.38	5.5	4.09	2.61	0.70	18.8	4	2.75	0.69	18	4.55	2.46	0.78	23.3	6.46	3.17	1.11	47.0
	6	1.95	1.85	0.28	3.0	3.87	2.53	0.56	11.7	3.80	2.66	0.55	11.3	4.35	2.35	0.62	14.8	6.29	3.06	0.90	30.9
	7	1.69	1.69	0.21	1.6	3.67	2.42	0.45	7.7	3.54	2.57	0.44	7.2	4.12	2.26	0.51	9.7	6.06	2.94	0.74	21.1
8	3	2.34	2.01	0.67	17.2	4.18	2.68	1.20	54.7	4.09	2.81	1.17	52.2	4.68	2.51	1.34	68.5	6.58	3.23	1.89	135.3
	4	2.11	1.95	0.45	7.8	4.00	2.59	0.86	28.1	3.88	2.75	0.83	26.4	4.46	2.44	0.96	34.9	6.35	3.12	1.37	70.9
	5	1.87	1.83	0.32	3.9	3.80	2.48	0.65	16.2	3.68	2.63	0.63	15.3	4.27	2.34	0.73	20.5	6.18	3.00	1.06	42.9
	6	1.68	1.68	0.24	2.2	3.55	2.41	0.51	9.8	3.48	2.54	0.50	9.5	4.05	2.23	0.58	12.8	5.95	2.94	0.85	27.6
	7	1.47	1.47	0.18	1.2	3.34	2.30	0.41	6.4	3.24	2.45	0.40	6.0	3.79	2.14	0.47	8.3	5.74	2.83	0.70	18.9
9	3	2.00	1.90	0.57	12.5	3.89	2.56	1.12	47.3	3.78	2.69	1.08	44.7	4.37	2.39	1.25	59.7	6.29	3.12	1.80	123.7
	4	1.82	1.82	0.39	5.8	3.67	2.47	0.79	23.7	3.56	2.61	0.77	22.3	4.14	2.30	0.89	30.2	6.06	3.00	1.30	64.6
	5	1.68	1.63	0.29	3.2	3.47	2.37	0.60	13.6	3.37	2.52	0.58	12.7	3.94	2.20	0.68	17.5	5.89	2.89	1.01	39.0
	6	1.47	1.47	0.21	1.7	3.24	2.28	0.46	8.2	3.13	2.44	0.45	7.6	3.73	2.10	0.54	10.9	5.64	2.82	0.81	24.8
	7	1.20	1.20	0.15	0.8	3.00	2.17	0.37	5.2	2.90	2.33	0.36	4.8	3.47	2.00	0.43	6.9	5.45	2.72	0.67	17.0
10	3	1.77	1.77	0.51	9.7	3.57	2.43	1.02	39.8	3.42	2.59	0.98	36.6	4.06	2.26	1.16	51.6	6.00	2.94	1.72	112.6
	4	1.62	1.62	0.35	4.6	3.35	2.34	0.72	19.7	3.23	2.51	0.69	18.4	3.83	2.18	0.82	25.7	5.75	2.89	1.24	58.2
	5	1.45	1.45	0.25	2.4	3.13	2.26	0.54	11.0	3.00	2.42	0.52	10.1	3.62	2.08	0.62	14.8	5.58	2.78	0.96	35.0
	6	1.24	1.24	0.18	1.2	2.91	2.16	0.42	6.6	2.78	2.33	0.40	6.0	3.39	1.97	0.49	9.0	5.33	2.71	0.76	22.2
	7	0.79	0.79	0.10	0.4	2.66	2.07	0.33	4.1	2.53	2.25	0.31	3.7	3.17	1.88	0.39	5.8	5.10	2.60	0.63	14.9
11	3	1.56	1.56	0.45	7.6	3.22	2.32	0.92	32.4	3.11	2.47	0.89	30.1	3.73	2.14	1.07	43.6	5.66	2.83	1.62	100.2
	4	1.43	1.43	0.31	3.6	3.02	2.24	0.65	16.0	2.90	2.38	0.62	14.8	3.53	2.05	0.76	21.9	5.43	2.76	1.17	51.9
	5	1.24	1.24	0.21	1.7	2.79	2.15	0.48	8.7	2.66	2.32	0.46	8.0	3.30	1.96	0.57	12.2	5.26	2.66	0.90	31.1
	6	0.98	0.98	0.14	0.8	2.54	2.07	0.36	5.0	2.44	2.22	0.35	4.7	3.06	1.86	0.44	7.3	5.02	2.59	0.72	19.7
	7	0.66	0.66	0.08	0.3	2.26	1.99	0.28	2.9	2.18	2.18	0.27	2.7	2.82	1.75	0.35	4.6	4.78	2.48	0.59	13.1
12	3	1.37	1.37	0.39	5.9	2.88	2.21	0.83	25.9	2.74	2.38	0.79	23.5	3.39	2.03	0.97	36.0	5.34	2.72	1.53	89.3
	4	1.21	1.21	0.26	2.6	2.67	2.14	0.57	12.5	2.53	2.30	0.54	11.3	3.19	1.93	0.69	17.9	5.12	2.64	1.10	46.1
	5	1.04	1.04	0.18	1.2	2.44	2.06	0.42	6.7	2.31	2.23	0.40	6.0	2.96	1.85	0.51	9.9	4.92	2.54	0.85	27.3
	6	0.63	0.63	0.09	0.3	2.16	1.99	0.31	3.7	2.14	2.10	0.31	3.6	2.71	1.74	0.39	5.7	4.69	2.47	0.67	17.2
	7	0.52	0.52	0.06	0.2	1.92	1.92	0.24	2.1	1.97	1.97	0.24	2.2	2.46	1.64	0.30	3.5	4.46	2.37	0.55	11.4
13	3	1.18	1.18	0.34	4.4	2.52	2.11	0.72	19.8	2.37	2.29	0.68	17.6	3.06	1.91	0.88	29.2	5.00	2.61	1.43	78.3
	4	1.01	1.01	0.22	1.8	2.30	2.03	0.50	9.3	2.22	2.18	0.48	8.7	2.84	1.82	0.61	14.2	4.79	2.52	1.03	40.3
	5	0.73	0.73	0.13	0.6	2.05	2.01	0.35	4.8	2.08	2.08	0.36	4.9	2.61	1.73	0.45	7.7	4.58	2.42	0.79	23.6
	6	0.48	0.48	0.07	0.2	1.87	1.87	0.27	2.7	1.93	1.93	0.28	2.9	2.36	1.64	0.34	4.4	4.34	2.35	0.62	14.7
	7	0.36	0.36	0.04	0.1	1.71	1.71	0.21	1.7	1.78	1.78	0.22	1.8	2.07	1.55	0.25	2.5	4.12	2.26	0.51	9.7

(With fan at high speed and 12Pa static pressure for MDKT3-500G12, 30Pa for MDKT3-500(E)G30)

MDKT3-500G12 / MDKT3-500G30 / MDKT3-500EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	3.80	2.76	1.09	45.6	5.86	3.53	1.68	108.2	5.74	3.68	1.65	103.9	6.41	3.37	1.84	129.5	8.63	4.18	2.47	234.6
	4	3.58	2.61	0.77	22.7	5.64	3.43	1.21	56.3	5.54	3.58	1.19	54.4	6.16	3.25	1.32	67.2	8.36	4.05	1.80	124.0
	5	3.31	2.50	0.57	12.4	5.39	3.31	0.93	33.0	5.28	3.46	0.91	31.7	5.92	5.12	1.02	39.8	8.10	3.98	1.39	74.4
	6	3.02	2.39	0.43	7.2	5.15	3.21	0.74	20.9	5.05	3.35	0.72	20.1	5.66	3.01	0.81	25.3	7.90	3.85	1.13	49.1
	7	2.71	2.24	0.33	4.2	4.90	3.06	0.60	13.9	4.79	3.23	0.59	13.3	5.42	2.89	0.67	17.0	7.63	3.72	0.94	33.7
6	3	3.44	2.60	0.99	37.2	5.53	3.39	1.59	96.3	5.40	3.54	1.55	92.0	6.09	3.21	1.74	116.7	8.30	4.05	2.38	216.9
	4	3.19	2.48	0.69	18.1	5.31	3.27	1.14	50.0	5.18	3.42	1.11	47.6	5.84	3.11	1.26	60.5	8.03	3.92	1.73	114.3
	5	2.95	2.36	0.51	9.9	5.05	3.15	0.87	28.9	4.95	3.32	0.85	27.8	5.61	2.99	0.96	35.7	7.77	3.78	1.34	68.4
	6	2.65	2.26	0.38	5.5	4.81	3.06	0.69	18.2	4.70	3.19	0.67	17.4	5.33	2.85	0.76	22.4	7.57	3.65	1.08	45.1
	7	2.33	2.10	0.29	3.1	4.56	2.92	0.56	12.0	4.45	3.11	0.55	11.4	5.09	2.73	0.63	15.0	7.30	3.58	0.90	30.9
7	3	3.07	2.44	0.88	29.8	5.16	3.23	1.48	84.0	5.05	3.39	1.45	80.4	5.73	3.05	1.64	103.4	7.90	3.85	2.26	196.6
	4	2.82	2.35	0.61	14.1	4.95	3.11	1.06	43.5	4.82	3.28	1.04	41.2	5.50	2.95	1.18	53.7	7.70	3.78	1.66	105.1
	5	2.55	2.24	0.44	7.4	4.70	3.00	0.81	25.1	4.6	3.17	0.79	24	5.24	2.83	0.90	31.1	7.43	3.65	1.28	62.7
	6	2.24	2.12	0.32	4.0	4.45	2.91	0.64	15.6	4.37	3.05	0.63	15.1	5.00	2.71	0.72	19.7	7.24	3.52	1.04	41.2
	7	1.94	1.94	0.24	2.2	4.22	2.78	0.52	10.3	4.08	2.96	0.50	9.6	4.73	2.60	0.58	13.0	6.97	3.39	0.86	28.1
8	3	2.69	2.32	0.77	22.9	4.81	3.09	1.38	73.0	4.70	3.23	1.35	69.6	5.38	2.89	1.54	91.3	7.57	3.72	2.17	180.4
	4	2.43	2.24	0.52	10.5	4.60	2.98	0.99	37.5	4.46	3.16	0.96	35.3	5.12	2.80	1.10	46.5	7.30	3.58	1.57	94.5
	5	2.15	2.10	0.37	5.2	4.37	2.85	0.75	21.6	4.23	3.03	0.73	20.3	4.91	2.69	0.84	27.3	7.10	3.45	1.22	57.2
	6	1.93	1.93	0.28	2.9	4.08	2.77	0.59	13.1	4.00	2.92	0.57	12.6	4.66	2.56	0.67	17.1	6.84	3.39	0.98	36.8
	7	1.69	1.69	0.21	1.6	3.84	2.64	0.47	8.5	3.72	2.82	0.46	8.0	4.36	2.46	0.54	11.0	6.60	3.26	0.81	25.2
9	3	2.30	2.18	0.66	16.7	4.47	2.95	1.28	63.1	4.35	3.09	1.25	59.6	5.02	2.75	1.44	79.5	7.24	3.58	2.07	164.9
	4	2.09	2.09	0.45	7.7	4.22	2.84	0.91	31.6	4.10	3.00	0.88	29.7	4.77	2.65	1.02	40.3	6.97	3.45	1.50	86.1
	5	1.93	1.87	0.33	4.2	4.00	2.72	0.69	18.1	3.87	2.90	0.67	17.0	4.53	2.53	0.78	23.3	6.77	3.32	1.16	52.0
	6	1.69	1.69	0.24	2.3	3.73	2.62	0.53	11.0	3.60	2.81	0.52	10.2	4.29	2.41	0.62	14.5	6.49	3.25	0.93	33.1
	7	1.38	1.38	0.17	1.1	3.45	2.50	0.42	6.9	3.33	2.68	0.41	6.4	4.00	2.30	0.49	9.2	6.27	3.13	0.77	22.7
10	3	2.03	2.03	0.58	13.0	4.10	2.79	1.18	53.0	3.94	2.98	1.13	48.8	4.67	2.60	1.34	68.8	6.90	3.39	1.98	150.1
	4	1.87	1.87	0.40	6.2	3.85	2.69	0.83	26.3	3.72	2.88	0.80	24.5	4.40	2.50	0.95	34.3	6.62	3.32	1.42	77.6
	5	1.67	1.67	0.29	3.1	3.60	2.60	0.62	14.7	3.45	2.79	0.59	13.5	4.17	2.39	0.72	19.7	6.41	3.20	1.10	46.6
	6	1.43	1.43	0.20	1.6	3.35	2.49	0.48	8.9	3.20	2.68	0.46	8.1	3.90	2.27	0.56	12.0	6.13	3.11	0.88	29.6
	7	0.91	0.91	0.11	0.5	3.06	2.38	0.38	5.4	2.91	2.58	0.36	4.9	3.64	2.16	0.45	7.7	5.86	2.99	0.72	19.9
11	3	1.79	1.79	0.51	10.1	3.70	2.67	1.06	43.2	3.57	2.84	1.02	40.2	4.29	2.46	1.23	58.1	6.51	3.26	1.87	133.6
	4	1.64	1.64	0.35	4.8	3.47	2.58	0.75	21.4	3.33	2.73	0.72	19.7	4.06	2.36	0.87	29.2	6.25	3.17	1.34	69.1
	5	1.42	1.42	0.24	2.3	3.21	2.48	0.55	11.7	3.06	2.67	0.53	10.6	3.79	2.25	0.65	16.3	6.05	3.06	1.04	41.5
	6	1.13	1.13	0.16	1.0	2.92	2.38	0.42	6.7	2.81	2.55	0.40	6.2	3.52	2.14	0.50	9.7	5.77	2.98	0.83	26.2
	7	0.76	0.76	0.09	0.3	2.60	2.29	0.32	3.9	2.51	2.51	0.31	3.6	3.24	2.01	0.40	6.1	5.50	2.85	0.68	17.5
12	3	1.58	1.58	0.45	7.9	3.31	2.54	0.95	34.6	3.15	2.74	0.90	31.3	3.90	2.33	1.12	48.0	6.15	3.13	1.76	119.0
	4	1.39	1.39	0.30	3.4	3.07	2.46	0.66	16.7	2.91	2.65	0.63	15.0	3.67	2.22	0.79	23.9	5.89	3.03	1.27	61.4
	5	1.20	1.20	0.21	1.6	2.80	2.37	0.48	8.9	2.66	2.56	0.46	8.0	3.41	2.12	0.59	13.2	5.66	2.92	0.97	36.4
	6	0.72	0.72	0.10	0.4	2.49	2.29	0.36	4.9	2.46	2.42	0.35	4.8	3.12	2.00	0.45	7.7	5.39	2.84	0.77	22.9
	7	0.60	0.60	0.07	0.2	2.20	2.20	0.27	2.8	2.27	2.27	0.28	3.0	2.83	1.89	0.35	4.6	5.12	2.73	0.63	15.2
13	3	1.36	1.36	0.39	5.8	2.89	2.43	0.83	26.4	2.73	2.64	0.78	23.4	3.52	2.20	1.01	39.0	5.75	3.01	1.65	104.3
	4	1.16	1.16	0.25	2.4	2.65	2.34	0.57	12.4	2.56	2.51	0.55	11.6	3.27	2.09	0.70	18.9	5.51	2.89	1.18	53.8
	5	0.84	0.84	0.14	0.8	2.36	2.31	0.41	6.3	2.39	2.39	0.41	6.5	3.01	1.99	0.52	10.3	5.26	2.78	0.91	31.4
	6	0.56	0.56	0.08	0.2	2.15	2.15	0.31	3.6	2.22	2.22	0.32	3.9	2.71	1.89	0.39	5.8	4.99	2.71	0.72	19.6
	7	0.41	0.41	0.05	0.1	1.96	1.96	0.24	2.2	2.04	2.04	0.25	2.4	2.38	1.78	0.29	3.3	4.73	2.60	0.58	13.0

(With fan at high speed and 12Pa static pressure for MDKT3-600G12, 30Pa for MDKT3-600(E)G30)

MDKT3-600G12 / MDKT3-600G30 / MDKT3-600EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	4.80	3.48	1.37	68.4	7.39	4.45	2.12	162.4	7.24	4.65	2.08	155.8	8.08	4.24	2.32	194.3	10.88	5.27	3.12	351.9
	4	4.51	3.29	0.97	34.0	7.11	4.32	1.53	84.4	6.99	4.51	1.50	81.7	7.77	4.10	1.67	100.9	10.55	5.11	2.27	186.0
	5	4.17	3.15	0.72	18.6	6.80	4.17	1.17	49.4	6.66	4.37	1.15	47.5	7.47	6.45	1.28	59.6	10.21	5.02	1.76	111.6
	6	3.81	3.01	0.55	10.8	6.49	4.05	0.93	31.3	6.37	4.22	0.91	30.1	7.14	3.80	1.02	37.9	9.96	4.85	1.43	73.7
	7	3.41	2.82	0.42	6.4	6.18	3.86	0.76	20.8	6.03	4.08	0.74	19.9	6.84	3.65	0.84	25.5	9.62	4.69	1.18	50.6
6	3	4.34	3.28	1.24	55.9	6.97	4.28	2.00	144.5	6.81	4.46	1.95	138.0	7.67	4.05	2.20	175.1	10.46	5.11	3.00	325.4
	4	4.03	3.12	0.87	27.1	6.70	4.13	1.44	75.0	6.54	4.31	1.41	71.4	7.37	3.92	1.58	90.7	10.13	4.94	2.18	171.5
	5	3.72	2.98	0.64	14.8	6.37	3.98	1.10	43.4	6.24	4.18	1.07	41.7	7.07	3.77	1.22	53.5	9.79	4.77	1.68	102.6
	6	3.34	2.85	0.48	8.3	6.07	3.86	0.87	27.4	5.93	4.03	0.85	26.1	6.72	3.60	0.96	33.6	9.54	4.60	1.37	67.7
	7	2.94	2.64	0.36	4.7	5.75	3.68	0.71	18.1	5.61	3.92	0.69	17.2	6.42	3.45	0.79	22.5	9.21	4.52	1.13	46.3
7	3	3.88	3.08	1.11	44.6	6.51	4.07	1.87	126.0	6.37	4.28	1.83	120.6	7.22	3.85	2.07	155.1	9.96	4.85	2.86	294.9
	4	3.56	2.96	0.76	21.2	6.24	3.93	1.34	65.2	6.08	4.13	1.31	61.7	6.94	3.72	1.49	80.5	9.71	4.77	2.09	157.6
	5	3.21	2.82	0.55	11.1	5.93	3.78	1.02	37.6	5.8	3.99	1.00	36	6.60	3.57	1.14	46.7	9.37	4.60	1.61	94.0
	6	2.83	2.68	0.41	5.9	5.62	3.67	0.80	23.4	5.52	3.85	0.79	22.6	6.30	3.41	0.90	29.5	9.12	4.44	1.31	61.8
	7	2.45	2.45	0.30	3.3	5.31	3.51	0.65	15.4	5.14	3.73	0.63	14.4	5.97	3.27	0.73	19.4	8.79	4.27	1.08	42.2
8	3	3.40	2.92	0.97	34.3	6.07	3.89	1.74	109.4	5.93	4.08	1.70	104.4	6.79	3.64	1.95	137.0	9.54	4.69	2.74	270.6
	4	3.06	2.83	0.66	15.7	5.80	3.76	1.25	56.3	5.62	3.98	1.21	52.9	6.46	3.53	1.39	69.8	9.21	4.52	1.98	141.7
	5	2.71	2.65	0.47	7.9	5.51	3.60	0.95	32.5	5.34	3.82	0.92	30.5	6.18	3.39	1.06	40.9	8.96	4.35	1.54	85.8
	6	2.44	2.44	0.35	4.4	5.15	3.49	0.74	19.7	5.05	3.68	0.72	18.9	5.88	3.23	0.84	25.7	8.62	4.27	1.24	55.2
	7	2.13	2.13	0.26	2.5	4.85	3.33	0.60	12.8	4.70	3.56	0.58	12.0	5.50	3.10	0.68	16.5	8.32	4.11	1.02	37.8
9	3	2.90	2.75	0.83	25.1	5.64	3.72	1.62	94.6	5.48	3.90	1.57	89.3	6.34	3.46	1.82	119.3	9.12	4.52	2.62	247.4
	4	2.64	2.64	0.57	11.6	5.32	3.58	1.14	47.4	5.16	3.78	1.11	44.6	6.01	3.34	1.29	60.4	8.79	4.35	1.89	129.1
	5	2.44	2.36	0.42	6.3	5.04	3.43	0.87	27.2	4.88	3.66	0.84	25.5	5.72	3.19	0.98	35.0	8.54	4.18	1.47	78.0
	6	2.13	2.13	0.31	3.4	4.70	3.31	0.67	16.4	4.54	3.54	0.65	15.3	5.42	3.04	0.78	21.8	8.18	4.09	1.17	49.7
	7	1.74	1.74	0.21	1.7	4.35	3.15	0.53	10.3	4.20	3.38	0.52	9.6	5.04	2.90	0.62	13.9	7.90	3.94	0.97	34.1
10	3	2.56	2.56	0.73	19.5	5.17	3.52	1.48	79.5	4.96	3.76	1.42	73.2	5.89	3.28	1.69	103.2	8.70	4.27	2.50	225.2
	4	2.35	2.35	0.51	9.2	4.85	3.39	1.04	39.4	4.69	3.63	1.01	36.7	5.55	3.16	1.19	51.5	8.34	4.18	1.79	116.4
	5	2.10	2.10	0.36	4.7	4.54	3.28	0.78	22.0	4.34	3.52	0.75	20.2	5.26	3.01	0.90	29.6	8.08	4.03	1.39	70.0
	6	1.80	1.80	0.26	2.4	4.23	3.14	0.61	13.3	4.03	3.38	0.58	12.1	4.91	2.86	0.70	17.9	7.73	3.93	1.11	44.4
	7	1.15	1.15	0.14	0.7	3.86	3.00	0.47	8.1	3.67	3.26	0.45	7.4	4.59	2.72	0.56	11.5	7.39	3.77	0.91	29.8
11	3	2.26	2.26	0.65	15.2	4.67	3.36	1.34	64.8	4.50	3.58	1.29	60.3	5.42	3.11	1.55	87.2	8.21	4.11	2.35	200.4
	4	2.07	2.07	0.44	7.1	4.38	3.25	0.94	32.0	4.20	3.45	0.90	29.5	5.11	2.98	1.10	43.7	7.88	4.00	1.69	103.7
	5	1.79	1.79	0.31	3.4	4.04	3.12	0.70	17.5	3.86	3.36	0.66	15.9	4.78	2.84	0.82	24.4	7.62	3.86	1.31	62.2
	6	1.42	1.42	0.20	1.5	3.68	3.00	0.53	10.1	3.54	3.21	0.51	9.3	4.44	2.69	0.64	14.6	7.27	3.76	1.04	39.3
	7	0.96	0.96	0.12	0.5	3.28	2.89	0.40	5.9	3.16	3.16	0.39	5.5	4.08	2.54	0.50	9.1	6.94	3.60	0.85	26.3
12	3	1.99	1.99	0.57	11.8	4.18	3.21	1.20	51.8	3.98	3.46	1.14	47.0	4.92	2.94	1.41	72.0	7.75	3.95	2.22	178.5
	4	1.76	1.76	0.38	5.2	3.87	3.10	0.83	25.0	3.67	3.34	0.79	22.6	4.63	2.80	1.00	35.8	7.42	3.82	1.60	92.2
	5	1.51	1.51	0.26	2.5	3.53	2.99	0.61	13.3	3.35	3.23	0.58	12.0	4.29	2.68	0.74	19.7	7.14	3.68	1.23	54.5
	6	0.91	0.91	0.13	0.6	3.14	2.89	0.45	7.3	3.11	3.05	0.45	7.2	3.93	2.53	0.56	11.5	6.80	3.58	0.97	34.3
	7	0.75	0.75	0.09	0.3	2.78	2.78	0.34	4.2	2.86	2.86	0.35	4.5	3.57	2.38	0.44	7.0	6.46	3.44	0.79	22.8
13	3	1.72	1.72	0.49	8.8	3.65	3.06	1.05	39.6	3.44	3.32	0.99	35.2	4.44	2.77	1.27	58.5	7.26	3.79	2.08	156.5
	4	1.46	1.46	0.31	3.6	3.34	2.95	0.72	18.6	3.22	3.16	0.69	17.4	4.12	2.64	0.89	28.4	6.95	3.65	1.49	80.7
	5	1.05	1.05	0.18	1.2	2.98	2.91	0.51	9.5	3.01	3.01	0.52	9.7	3.79	2.51	0.65	15.4	6.64	3.51	1.14	47.1
	6	0.70	0.70	0.10	0.4	2.71	2.71	0.39	5.5	2.80	2.80	0.40	5.8	3.42	2.38	0.49	8.7	6.29	3.41	0.90	29.4
	7	0.52	0.52	0.06	0.1	2.48	2.48	0.30	3.4	2.58	2.58	0.32	3.6	3.00	2.24	0.37	4.9	5.97	3.27	0.73	19.4

(With fan at high speed and 12Pa static pressure for MDKT3-800G12, 30Pa for MDKT3-800(E)G30)

MDKT3-800G12 / MDKT3-800G30 / MDKT3-800EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	6.78	4.92	1.94	74.1	10.45	6.29	3.00	175.9	10.24	6.57	2.93	168.8	11.43	6.00	3.28	210.5	15.38	7.45	4.41	381.2
	4	6.38	4.65	1.37	36.9	10.05	6.11	2.16	91.5	9.88	6.38	2.12	88.5	10.98	5.80	2.36	109.3	14.91	7.22	3.21	201.4
	5	5.89	4.45	1.01	20.1	9.61	5.89	1.65	53.5	9.42	6.18	1.62	51.5	10.55	9.12	1.82	64.6	14.44	7.10	2.48	120.9
	6	5.38	4.26	0.77	11.7	9.18	5.73	1.32	34.0	9.00	5.96	1.29	32.7	10.09	5.37	1.45	41.0	14.08	6.86	2.02	79.9
	7	4.83	3.99	0.59	6.9	8.73	5.45	1.07	22.6	8.53	5.76	1.05	21.5	9.67	5.16	1.19	27.7	13.61	6.63	1.67	54.8
6	3	6.13	4.64	1.76	60.5	9.86	6.05	2.83	156.5	9.63	6.31	2.76	149.5	10.85	5.73	3.11	189.7	14.79	7.22	4.24	352.5
	4	5.69	4.41	1.22	29.4	9.47	5.83	2.04	81.2	9.24	6.09	1.99	77.4	10.41	5.54	2.24	98.3	14.32	6.98	3.08	185.8
	5	5.25	4.21	0.90	16.0	9.00	5.62	1.55	47.0	8.83	5.92	1.52	45.2	10.00	5.32	1.72	58.0	13.84	6.74	2.38	111.2
	6	4.72	4.02	0.68	9.0	8.58	5.45	1.23	29.6	8.38	5.69	1.20	28.3	9.50	5.09	1.36	36.4	13.49	6.51	1.93	73.3
	7	4.15	3.74	0.51	5.1	8.13	5.21	1.00	19.6	7.93	5.54	0.97	18.6	9.08	4.88	1.12	24.4	13.02	6.39	1.60	50.1
7	3	5.48	4.35	1.57	48.4	9.21	5.75	2.64	136.5	9.00	6.05	2.58	130.6	10.21	5.44	2.93	168.0	14.08	6.86	4.04	319.4
	4	5.03	4.19	1.08	22.9	8.83	5.55	1.90	70.6	8.59	5.85	1.85	66.9	9.81	5.27	2.11	87.2	13.73	6.74	2.95	170.7
	5	4.54	3.99	0.78	12.0	8.38	5.35	1.44	40.7	8.2	5.64	1.41	39	9.34	5.05	1.61	50.6	13.25	6.51	2.28	101.9
	6	4.00	3.79	0.57	6.4	7.94	5.19	1.14	25.4	7.80	5.44	1.12	24.5	8.91	4.83	1.28	32.0	12.90	6.27	1.85	67.0
	7	3.47	3.47	0.43	3.6	7.51	4.96	0.92	16.7	7.27	5.28	0.89	15.6	8.44	4.63	1.04	21.1	12.42	6.03	1.53	45.7
8	3	4.80	4.13	1.38	37.2	8.58	5.50	2.46	118.6	8.38	5.76	2.40	113.1	9.60	5.15	2.75	148.4	13.49	6.63	3.87	293.2
	4	4.33	4.00	0.93	17.0	8.20	5.31	1.76	60.9	7.95	5.63	1.71	57.3	9.13	4.99	1.96	75.6	13.02	6.39	2.80	153.5
	5	3.83	3.75	0.66	8.5	7.79	5.09	1.34	35.2	7.55	5.40	1.30	33.1	8.74	4.79	1.50	44.3	12.66	6.15	2.18	93.0
	6	3.44	3.44	0.49	4.8	7.28	4.93	1.04	21.3	7.14	5.21	1.02	20.5	8.31	4.57	1.19	27.8	12.19	6.03	1.75	59.8
	7	3.01	3.01	0.37	2.7	6.85	4.71	0.84	13.9	6.64	5.03	0.82	13.0	7.77	4.38	0.96	17.9	11.76	5.81	1.44	40.9
9	3	4.11	3.89	1.18	27.2	7.98	5.25	2.29	102.5	7.75	5.51	2.22	96.8	8.96	4.90	2.57	129.3	12.90	6.39	3.70	268.0
	4	3.73	3.73	0.80	12.6	7.53	5.06	1.62	51.3	7.30	5.35	1.57	48.3	8.50	4.72	1.83	65.4	12.42	6.15	2.67	139.9
	5	3.44	3.34	0.59	6.9	7.12	4.85	1.23	29.4	6.90	5.17	1.19	27.6	8.08	4.51	1.39	37.9	12.07	5.92	2.08	84.5
	6	3.02	3.02	0.43	3.7	6.65	4.67	0.95	17.8	6.41	5.01	0.92	16.6	7.66	4.30	1.10	23.6	11.56	5.79	1.66	53.8
	7	2.46	2.46	0.30	1.8	6.15	4.45	0.76	11.2	5.94	4.78	0.73	10.4	7.12	4.11	0.88	15.0	11.17	5.57	1.37	36.9
10	3	3.62	3.62	1.04	21.1	7.31	4.98	2.10	86.2	7.02	5.31	2.01	79.3	8.33	4.64	2.39	111.8	12.31	6.03	3.53	244.0
	4	3.32	3.32	0.71	10.0	6.86	4.79	1.48	42.7	6.63	5.14	1.42	39.8	7.85	4.46	1.69	55.8	11.80	5.92	2.54	126.1
	5	2.97	2.97	0.51	5.1	6.41	4.64	1.10	23.9	6.14	4.97	1.06	21.9	7.43	4.26	1.28	32.0	11.43	5.70	1.97	75.8
	6	2.54	2.54	0.36	2.6	5.98	4.44	0.86	14.4	5.70	4.78	0.82	13.1	6.95	4.05	1.00	19.4	10.93	5.55	1.57	48.1
	7	1.62	1.62	0.20	0.8	5.45	4.25	0.67	8.8	5.19	4.60	0.64	8.0	6.50	3.85	0.80	12.5	10.45	5.32	1.28	32.3
11	3	3.19	3.19	0.92	16.4	6.60	4.76	1.89	70.2	6.37	5.06	1.82	65.3	7.66	4.39	2.19	94.4	11.61	5.81	3.33	217.1
	4	2.92	2.92	0.63	7.7	6.19	4.59	1.33	34.7	5.94	4.88	1.28	32.0	7.23	4.21	1.55	47.4	11.13	5.66	2.39	112.4
	5	2.53	2.53	0.44	3.7	5.72	4.41	0.98	18.9	5.45	4.76	0.94	17.3	6.76	4.01	1.16	26.5	10.78	5.45	1.85	67.4
	6	2.01	2.01	0.29	1.6	5.21	4.24	0.75	10.9	5.01	4.54	0.72	10.1	6.27	3.81	0.90	15.8	10.28	5.31	1.47	42.6
	7	1.36	1.36	0.17	0.5	4.64	4.08	0.57	6.4	4.47	4.47	0.55	5.9	5.77	3.59	0.71	9.9	9.81	5.09	1.21	28.5
12	3	2.82	2.82	0.81	12.8	5.90	4.53	1.69	56.2	5.62	4.89	1.61	50.9	6.96	4.15	1.99	78.0	10.96	5.58	3.14	193.4
	4	2.48	2.48	0.53	5.6	5.47	4.38	1.18	27.1	5.19	4.72	1.12	24.5	6.54	3.96	1.41	38.8	10.50	5.41	2.26	99.8
	5	2.14	2.14	0.37	2.7	4.99	4.22	0.86	14.5	4.73	4.57	0.81	13.0	6.07	3.79	1.04	21.4	10.09	5.21	1.74	59.1
	6	1.29	1.29	0.18	0.7	4.44	4.08	0.64	7.9	4.39	4.31	0.63	7.8	5.56	3.57	0.80	12.5	9.61	5.06	1.38	37.2
	7	1.06	1.06	0.13	0.3	3.93	3.93	0.48	4.6	4.05	4.05	0.50	4.8	5.05	3.36	0.62	7.6	9.13	4.86	1.12	24.7
13	3	2.43	2.43	0.70	9.5	5.16	4.33	1.48	42.9	4.86	4.70	1.39	38.1	6.27	3.92	1.80	63.4	10.26	5.36	2.94	169.6
	4	2.07	2.07	0.45	3.9	4.72	4.17	1.02	20.2	4.56	4.47	0.98	18.8	5.82	3.73	1.25	30.7	9.82	5.16	2.11	87.4
	5	1.49	1.49	0.26	1.3	4.21	4.12	0.72	10.3	4.26	4.26	0.73	10.5	5.36	3.55	0.92	16.7	9.38	4.96	1.61	51.1
	6	0.99	0.99	0.14	0.4	3.83	3.83	0.55	5.9	3.96	3.96	0.57	6.3	4.84	3.36	0.69	9.4	8.90	4.83	1.28	31.9
	7	0.73	0.73	0.09	0.2	3.50	3.50	0.43	3.6	3.64	3.64	0.45	3.9	4.24	3.17	0.52	5.3	8.44	4.63	1.04	21.1

(With fan at high speed and 12Pa static pressure for MDKT3-1000G12, 30Pa for MDKT3-1000(E)G30)

MDKT3-1000G12 / MDKT3-1000G30 / MDKT3-1000EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	7.44	5.40	2.13	60.8	11.47	6.91	3.29	144.3	11.23	7.21	3.22	138.5	12.55	6.58	3.60	172.7	16.88	8.18	4.84	312.8
	4	7.00	5.10	1.51	30.2	11.03	6.70	2.37	75.0	10.84	7.00	2.33	72.6	12.05	6.36	2.59	89.7	16.36	7.92	3.52	165.3
	5	6.47	4.88	1.11	16.5	10.55	6.47	1.81	43.9	10.34	6.78	1.78	42.2	11.58	10.01	1.99	53.0	15.84	7.79	2.73	99.2
	6	5.91	4.68	0.85	9.6	10.08	6.29	1.44	27.9	9.88	6.55	1.42	26.8	11.08	5.90	1.59	33.7	15.45	7.53	2.22	65.5
	7	5.30	4.38	0.65	5.7	9.58	5.99	1.18	18.5	9.36	6.32	1.15	17.7	10.61	5.66	1.30	22.7	14.94	7.27	1.83	45.0
6	3	6.73	5.09	1.93	49.7	10.82	6.64	3.10	128.4	10.57	6.92	3.03	122.6	11.91	6.29	3.41	155.6	16.23	7.92	4.65	289.2
	4	6.25	4.84	1.34	24.1	10.39	6.40	2.23	66.6	10.14	6.69	2.18	63.5	11.43	6.08	2.46	80.6	15.71	7.66	3.38	152.4
	5	5.77	4.62	0.99	13.1	9.88	6.17	1.70	38.6	9.69	6.49	1.67	37.1	10.97	5.84	1.89	47.6	15.19	7.40	2.61	91.2
	6	5.18	4.42	0.74	7.4	9.42	5.99	1.35	24.3	9.19	6.25	1.32	23.2	10.43	5.58	1.49	29.8	14.81	7.14	2.12	60.1
	7	4.56	4.10	0.56	4.2	8.92	5.71	1.10	16.0	8.70	6.08	1.07	15.3	9.96	5.35	1.22	20.0	14.29	7.01	1.76	41.1
7	3	6.01	4.78	1.72	39.7	10.10	6.31	2.90	112.0	9.88	6.64	2.83	107.2	11.21	5.97	3.21	137.8	15.45	7.53	4.43	262.1
	4	5.52	4.60	1.19	18.8	9.69	6.09	2.08	57.9	9.43	6.42	2.03	54.9	10.77	5.78	2.31	71.6	15.06	7.40	3.24	140.1
	5	4.99	4.38	0.86	9.8	9.19	5.87	1.58	33.4	9	6.19	1.55	32	10.25	5.55	1.76	41.5	14.55	7.14	2.50	83.6
	6	4.39	4.16	0.63	5.3	8.71	5.70	1.25	20.8	8.56	5.97	1.23	20.1	9.78	5.30	1.40	26.2	14.16	6.88	2.03	55.0
	7	3.81	3.81	0.47	2.9	8.25	5.44	1.01	13.7	7.97	5.79	0.98	12.8	9.26	5.08	1.14	17.3	13.64	6.62	1.68	37.5
8	3	5.27	4.53	1.51	30.5	9.42	6.04	2.70	97.3	9.19	6.32	2.64	92.8	10.53	5.65	3.02	121.7	14.81	7.27	4.24	240.5
	4	4.75	4.39	1.02	13.9	9.00	5.83	1.94	50.0	8.73	6.18	1.88	47.0	10.03	5.48	2.16	62.0	14.29	7.01	3.07	126.0
	5	4.21	4.12	0.72	7.0	8.55	5.58	1.47	28.8	8.29	5.92	1.43	27.1	9.60	5.26	1.65	36.4	13.90	6.75	2.39	76.3
	6	3.78	3.78	0.54	3.9	7.99	5.42	1.14	17.5	7.83	5.71	1.12	16.8	9.12	5.01	1.31	22.8	13.38	6.62	1.92	49.1
	7	3.30	3.30	0.41	2.2	7.52	5.17	0.92	11.4	7.29	5.52	0.90	10.7	8.53	4.81	1.05	14.7	12.91	6.38	1.59	33.6
9	3	4.51	4.27	1.29	22.3	8.75	5.77	2.51	84.1	8.51	6.05	2.44	79.4	9.83	5.38	2.82	106.1	14.16	7.01	4.06	219.9
	4	4.09	4.09	0.88	10.3	8.26	5.56	1.78	42.1	8.01	5.87	1.72	39.6	9.32	5.18	2.00	53.7	13.64	6.75	2.93	114.8
	5	3.78	3.66	0.65	5.6	7.82	5.32	1.34	24.1	7.57	5.68	1.30	22.6	8.87	4.95	1.53	31.1	13.25	6.49	2.28	69.3
	6	3.31	3.31	0.47	3.0	7.30	5.13	1.05	14.6	7.04	5.49	1.01	13.6	8.40	4.71	1.20	19.4	12.69	6.35	1.82	44.2
	7	2.70	2.70	0.33	1.5	6.75	4.88	0.83	9.2	6.52	5.25	0.80	8.6	7.82	4.51	0.96	12.3	12.26	6.12	1.51	30.3
10	3	3.97	3.97	1.14	17.3	8.03	5.47	2.30	70.7	7.70	5.83	2.21	65.1	9.14	5.09	2.62	91.7	13.51	6.62	3.87	200.2
	4	3.65	3.65	0.78	8.2	7.53	5.26	1.62	35.0	7.27	5.64	1.56	32.6	8.61	4.90	1.85	45.8	12.95	6.49	2.78	103.5
	5	3.26	3.26	0.56	4.2	7.04	5.09	1.21	19.6	6.74	5.45	1.16	17.9	8.16	4.68	1.40	26.3	12.55	6.26	2.16	62.2
	6	2.79	2.79	0.40	2.1	6.56	4.87	0.94	11.8	6.26	5.25	0.90	10.8	7.62	4.44	1.09	15.9	12.00	6.09	1.72	39.5
	7	1.78	1.78	0.22	0.6	5.99	4.66	0.74	7.2	5.70	5.05	0.70	6.6	7.13	4.22	0.88	10.2	11.47	5.84	1.41	26.5
11	3	3.51	3.51	1.01	13.5	7.25	5.22	2.08	57.6	6.99	5.56	2.00	53.6	8.40	4.82	2.41	77.5	12.74	6.38	3.65	178.1
	4	3.21	3.21	0.69	6.4	6.79	5.04	1.46	28.5	6.52	5.35	1.40	26.2	7.94	4.62	1.71	38.9	12.22	6.21	2.63	92.2
	5	2.78	2.78	0.48	3.1	6.27	4.84	1.08	15.5	5.99	5.22	1.03	14.2	7.42	4.40	1.28	21.7	11.83	5.99	2.03	55.3
	6	2.21	2.21	0.32	1.3	5.71	4.65	0.82	9.0	5.49	4.99	0.79	8.3	6.88	4.18	0.99	13.0	11.29	5.83	1.62	34.9
	7	1.49	1.49	0.18	0.4	5.09	4.48	0.63	5.2	4.91	4.91	0.60	4.9	6.34	3.94	0.78	8.1	10.77	5.58	1.32	23.4
12	3	3.09	3.09	0.89	10.5	6.48	4.97	1.86	46.1	6.17	5.36	1.77	41.8	7.64	4.56	2.19	64.0	12.03	6.13	3.45	158.7
	4	2.73	2.73	0.59	4.6	6.00	4.81	1.29	22.2	5.70	5.18	1.23	20.1	7.18	4.35	1.54	31.8	11.52	5.94	2.48	81.9
	5	2.35	2.35	0.40	2.2	5.48	4.64	0.94	11.9	5.19	5.01	0.89	10.7	6.66	4.16	1.15	17.5	11.08	5.71	1.91	48.5
	6	1.42	1.42	0.20	0.5	4.87	4.48	0.70	6.5	4.82	4.73	0.69	6.4	6.10	3.92	0.87	10.2	10.55	5.56	1.51	30.5
	7	1.17	1.17	0.14	0.3	4.31	4.31	0.53	3.7	4.44	4.44	0.55	4.0	5.55	3.69	0.68	6.2	10.03	5.34	1.23	20.3
13	3	2.66	2.66	0.76	7.8	5.66	4.75	1.62	35.2	5.34	5.16	1.53	31.3	6.88	4.30	1.97	52.0	11.26	5.88	3.23	139.1
	4	2.27	2.27	0.49	3.2	5.18	4.57	1.11	16.6	5.00	4.91	1.08	15.4	6.39	4.09	1.37	25.2	10.78	5.66	2.32	71.7
	5	1.64	1.64	0.28	1.1	4.62	4.52	0.80	8.4	4.68	4.68	0.80	8.6	5.88	3.90	1.01	13.7	10.30	5.44	1.77	41.9
	6	1.09	1.09	0.16	0.3	4.21	4.21	0.60	4.9	4.35	4.35	0.62	5.2	5.31	3.69	0.76	7.7	9.77	5.30	1.40	26.2
	7	0.81	0.81	0.10	0.1	3.84	3.84	0.47	3.0	4.00	4.00	0.49	3.2	4.65	3.48	0.57	4.4	9.26	5.08	1.14	17.3

(With fan at high speed and 12Pa static pressure for MDKT3-1200G12, 30Pa for MDKT3-1200(E)G30)

MDKT3-1200G12 / MDKT3-1200G30 / MDKT3-1200EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	9.10	6.60	2.61	74.1	14.02	8.44	4.02	175.9	13.73	8.81	3.94	168.8	15.33	8.05	4.40	210.5	20.63	10.00	5.92	381.2
	4	8.56	6.24	1.84	36.9	13.48	8.19	2.90	91.5	13.25	8.56	2.85	88.5	14.73	7.78	3.17	109.3	20.00	9.68	4.30	201.4
	5	7.90	5.97	1.36	20.1	12.89	7.90	2.22	53.5	12.63	8.29	2.17	51.5	14.16	12.24	2.44	64.6	19.37	9.52	3.33	120.9
	6	7.22	5.71	1.04	11.7	12.32	7.68	1.77	34.0	12.08	8.00	1.73	32.7	13.54	7.21	1.94	41.0	18.89	9.21	2.71	79.9
	7	6.48	5.35	0.80	6.9	11.71	7.32	1.44	22.6	11.44	7.73	1.41	21.5	12.97	6.92	1.59	27.7	18.25	8.89	2.24	54.8
6	3	8.22	6.22	2.36	60.5	13.22	8.11	3.79	156.5	12.92	8.46	3.70	149.5	14.56	7.68	4.17	189.7	19.84	9.68	5.69	352.5
	4	7.63	5.92	1.64	29.4	12.70	7.83	2.73	81.2	12.40	8.17	2.67	77.4	13.97	7.43	3.00	98.3	19.21	9.37	4.13	185.8
	5	7.05	5.65	1.21	16.0	12.08	7.54	2.08	47.0	11.84	7.94	2.04	45.2	13.41	7.14	2.31	58.0	18.57	9.05	3.19	111.2
	6	6.33	5.40	0.91	9.0	11.51	7.32	1.65	29.6	11.24	7.63	1.61	28.3	12.75	6.83	1.83	36.4	18.10	8.73	2.59	73.3
	7	5.57	5.02	0.68	5.1	10.90	6.98	1.34	19.6	10.63	7.43	1.31	18.6	12.17	6.54	1.50	24.4	17.46	8.57	2.15	50.1
7	3	7.35	5.84	2.11	48.4	12.35	7.71	3.54	136.5	12.08	8.11	3.46	130.6	13.70	7.30	3.93	168.0	18.89	9.21	5.41	319.4
	4	6.75	5.62	1.45	22.9	11.84	7.44	2.55	70.6	11.52	7.84	2.48	66.9	13.16	7.06	2.83	87.2	18.41	9.05	3.96	170.7
	5	6.10	5.35	1.05	12.0	11.24	7.17	1.93	40.7	11	7.57	1.89	39	12.52	6.78	2.15	50.6	17.78	8.73	3.06	101.9
	6	5.37	5.08	0.77	6.4	10.65	6.97	1.53	25.4	10.46	7.30	1.50	24.5	11.95	6.48	1.71	32.0	17.30	8.41	2.48	67.0
	7	4.65	4.65	0.57	3.6	10.08	6.65	1.24	16.7	9.75	7.08	1.20	15.6	11.32	6.21	1.39	21.1	16.67	8.10	2.05	45.7
8	3	6.44	5.54	1.85	37.2	11.51	7.38	3.30	118.6	11.24	7.73	3.22	113.1	12.87	6.90	3.69	148.4	18.10	8.89	5.19	293.2
	4	5.81	5.37	1.25	17.0	11.00	7.13	2.37	60.9	10.67	7.56	2.29	57.3	12.25	6.70	2.63	75.6	17.46	8.57	3.75	153.5
	5	5.14	5.03	0.88	8.5	10.44	6.83	1.80	35.2	10.13	7.24	1.74	33.1	11.73	6.43	2.02	44.3	16.98	8.25	2.92	93.0
	6	4.62	4.62	0.66	4.8	9.76	6.62	1.40	21.3	9.57	6.98	1.37	20.5	11.14	6.13	1.60	27.8	16.35	8.10	2.34	59.8
	7	4.03	4.03	0.50	2.7	9.19	6.32	1.13	13.9	8.90	6.75	1.09	13.0	10.43	5.87	1.28	17.9	15.78	7.79	1.94	40.9
9	3	5.51	5.22	1.58	27.2	10.70	7.05	3.07	102.5	10.40	7.40	2.98	96.8	12.02	6.57	3.44	129.3	17.30	8.57	4.96	268.0
	4	5.00	5.00	1.08	12.6	10.10	6.79	2.17	51.3	9.79	7.17	2.11	48.3	11.40	6.33	2.45	65.4	16.67	8.25	3.58	139.9
	5	4.62	4.48	0.79	6.9	9.56	6.51	1.64	29.4	9.25	6.94	1.59	27.6	10.84	6.05	1.86	37.9	16.19	7.94	2.78	84.5
	6	4.05	4.05	0.58	3.7	8.92	6.27	1.28	17.8	8.60	6.71	1.23	16.6	10.27	5.76	1.47	23.6	15.51	7.76	2.22	53.8
	7	3.30	3.30	0.41	1.8	8.25	5.97	1.01	11.2	7.97	6.41	0.98	10.4	9.56	5.51	1.17	15.0	14.98	7.48	1.84	36.9
10	3	4.86	4.86	1.39	21.1	9.81	6.68	2.81	86.2	9.41	7.13	2.70	79.3	11.17	6.22	3.20	111.8	16.51	8.10	4.73	244.0
	4	4.46	4.46	0.96	10.0	9.21	6.43	1.98	42.7	8.89	6.89	1.91	39.8	10.52	5.98	2.26	55.8	15.83	7.94	3.40	126.1
	5	3.98	3.98	0.69	5.1	8.60	6.22	1.48	23.9	8.24	6.67	1.42	21.9	9.97	5.71	1.71	32.0	15.33	7.65	2.64	75.8
	6	3.41	3.41	0.49	2.6	8.02	5.95	1.15	14.4	7.65	6.41	1.10	13.1	9.32	5.43	1.34	19.4	14.67	7.44	2.10	48.1
	7	2.17	2.17	0.27	0.8	7.32	5.70	0.90	8.8	6.97	6.17	0.86	8.0	8.71	5.16	1.07	12.5	14.02	7.14	1.72	32.3
11	3	4.29	4.29	1.23	16.4	8.86	6.38	2.54	70.2	8.54	6.79	2.45	65.3	10.27	5.89	2.94	94.4	15.57	7.79	4.46	217.1
	4	3.92	3.92	0.84	7.7	8.30	6.16	1.78	34.7	7.97	6.54	1.71	32.0	9.70	5.65	2.09	47.4	14.94	7.59	3.21	112.4
	5	3.40	3.40	0.58	3.7	7.67	5.92	1.32	18.9	7.32	6.38	1.26	17.3	9.06	5.38	1.56	26.5	14.46	7.32	2.49	67.4
	6	2.70	2.70	0.39	1.6	6.98	5.68	1.00	10.9	6.71	6.10	0.96	10.1	8.41	5.11	1.21	15.8	13.79	7.13	1.98	42.6
	7	1.83	1.83	0.22	0.5	6.22	5.48	0.76	6.4	6.00	6.00	0.74	5.9	7.75	4.81	0.95	9.9	13.16	6.83	1.62	28.5
12	3	3.78	3.78	1.08	12.8	7.92	6.08	2.27	56.2	7.54	6.56	2.16	50.9	9.33	5.57	2.68	78.0	14.70	7.49	4.21	193.4
	4	3.33	3.33	0.72	5.6	7.33	5.87	1.58	27.1	6.97	6.33	1.50	24.5	8.78	5.32	1.89	38.8	14.08	7.25	3.03	99.8
	5	2.87	2.87	0.49	2.7	6.70	5.67	1.15	14.5	6.35	6.13	1.09	13.0	8.14	5.08	1.40	21.4	13.54	6.98	2.33	59.1
	6	1.73	1.73	0.25	0.7	5.95	5.48	0.85	7.9	5.89	5.78	0.84	7.8	7.46	4.79	1.07	12.5	12.89	6.79	1.85	37.2
	7	1.43	1.43	0.18	0.3	5.27	5.27	0.65	4.6	5.43	5.43	0.67	4.8	6.78	4.51	0.83	7.6	12.25	6.52	1.51	24.7
13	3	3.25	3.25	0.93	9.5	6.92	5.81	1.98	42.9	6.52	6.30	1.87	38.1	8.41	5.25	2.41	63.4	13.76	7.19	3.95	169.6
	4	2.78	2.78	0.60	3.9	6.33	5.59	1.36	20.2	6.11	6.00	1.31	18.8	7.81	5.00	1.68	30.7	13.17	6.92	2.83	87.4
	5	2.00	2.00	0.34	1.3	5.65	5.52	0.97	10.3	5.71	5.71	0.98	10.5	7.19	4.76	1.24	16.7	12.59	6.65	2.17	51.1
	6	1.33	1.33	0.19	0.4	5.14	5.14	0.74	5.9	5.32	5.32	0.76	6.3	6.49	4.51	0.93	9.4	11.94	6.48	1.71	31.9
	7	0.98	0.98	0.12	0.2	4.70	4.70	0.58	3.6	4.89	4.89	0.60	3.9	5.68	4.25	0.70	5.3	11.32	6.21	1.39	21.1

(With fan at high speed and 12Pa static pressure for MDKT3-1400G12, 30Pa for MDKT3-1400(E)G30)

MDKT3-1400G12 / MDKT3-1400G30 / MDKT3-1400EG30																					
EWT	Δt	Air inlet condition																			
		DB:21 WB:15				DB:26.7 WB:19.4				DB:27 WB:19				DB:29 WB:21				DB:33 WB:25			
		TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	10.34	7.50	2.96	85.5	15.93	9.60	4.57	202.9	15.60	10.01	4.47	194.7	17.42	9.15	4.99	242.9	23.45	11.36	6.72	439.9
	4	9.72	7.09	2.09	42.5	15.31	9.31	3.29	105.5	15.06	9.72	3.24	102.1	16.74	8.84	3.60	126.1	22.73	11.00	4.89	232.4
	5	8.98	6.78	1.55	23.2	14.65	8.98	2.52	61.8	14.36	9.42	2.47	59.4	16.09	13.91	2.77	74.6	22.01	10.82	3.78	139.5
	6	8.21	6.49	1.18	13.5	14.00	8.73	2.01	39.2	13.73	9.09	1.97	37.7	15.39	8.19	2.21	47.3	21.46	10.46	3.08	92.1
	7	7.36	6.08	0.90	8.0	13.31	8.32	1.64	26.0	13.01	8.78	1.60	24.9	14.74	7.86	1.81	31.9	20.74	10.10	2.55	63.2
6	3	9.34	7.07	2.68	69.8	15.03	9.22	4.31	180.6	14.68	9.61	4.21	172.5	16.54	8.73	4.74	218.9	22.55	11.00	6.46	406.7
	4	8.68	6.73	1.87	33.9	14.43	8.89	3.10	93.7	14.09	9.29	3.03	89.3	15.87	8.44	3.41	113.4	21.83	10.64	4.69	214.4
	5	8.01	6.42	1.38	18.5	13.73	8.57	2.36	54.3	13.46	9.02	2.31	52.1	15.24	8.12	2.62	66.9	21.10	10.28	3.63	128.3
	6	7.20	6.13	1.03	10.4	13.08	8.32	1.87	34.2	12.77	8.68	1.83	32.6	14.48	7.76	2.08	42.0	20.56	9.92	2.95	84.6
	7	6.33	5.70	0.78	5.9	12.39	7.94	1.52	22.6	12.09	8.44	1.48	21.5	13.83	7.43	1.70	28.1	19.84	9.74	2.44	57.8
7	3	8.35	6.64	2.39	55.8	14.03	8.77	4.02	157.5	13.73	9.22	3.93	150.7	15.57	8.30	4.46	193.8	21.46	10.46	6.15	368.6
	4	7.67	6.39	1.65	26.4	13.46	8.46	2.89	81.5	13.10	8.91	2.82	77.2	14.95	8.03	3.21	100.6	20.92	10.28	4.50	197.0
	5	6.93	6.08	1.19	13.8	12.77	8.15	2.20	47.0	12.5	8.60	2.15	45	14.23	7.70	2.45	58.3	20.20	9.92	3.47	117.5
	6	6.10	5.77	0.87	7.4	12.10	7.92	1.73	29.3	11.89	8.30	1.70	28.3	13.58	7.36	1.95	36.9	19.66	9.56	2.82	77.3
	7	5.28	5.28	0.65	4.1	11.45	7.56	1.41	19.3	11.08	8.04	1.36	18.0	12.86	7.05	1.58	24.3	18.94	9.20	2.33	52.7
8	3	7.32	6.30	2.10	42.9	13.08	8.39	3.75	136.8	12.77	8.78	3.66	130.5	14.63	7.85	4.19	171.2	20.56	10.10	5.89	338.3
	4	6.60	6.10	1.42	19.6	12.50	8.10	2.69	70.3	12.12	8.59	2.61	66.1	13.92	7.61	2.99	87.3	19.84	9.74	4.27	177.2
	5	5.84	5.72	1.01	9.8	11.87	7.76	2.04	40.6	11.51	8.23	1.98	38.1	13.33	7.31	2.29	51.2	19.30	9.38	3.32	107.3
	6	5.25	5.25	0.75	5.5	11.09	7.52	1.59	24.6	10.88	7.94	1.56	23.7	12.66	6.96	1.81	32.1	18.58	9.20	2.66	69.0
	7	4.58	4.58	0.56	3.1	10.44	7.18	1.28	16.0	10.12	7.67	1.24	15.0	11.85	6.67	1.46	20.6	17.93	8.86	2.20	47.2
9	3	6.26	5.93	1.79	31.3	12.16	8.01	3.49	118.2	11.81	8.41	3.39	111.7	13.65	7.47	3.91	149.2	19.66	9.74	5.64	309.2
	4	5.68	5.68	1.22	14.5	11.47	7.72	2.47	59.2	11.13	8.15	2.39	55.7	12.95	7.20	2.78	75.5	18.94	9.38	4.07	161.4
	5	5.25	5.09	0.90	7.9	10.86	7.40	1.87	34.0	10.52	7.88	1.81	31.8	12.32	6.87	2.12	43.7	18.40	9.02	3.16	97.5
	6	4.60	4.60	0.66	4.2	10.14	7.12	1.45	20.6	9.78	7.63	1.40	19.1	11.67	6.55	1.67	27.2	17.62	8.82	2.53	62.1
	7	3.75	3.75	0.46	2.1	9.38	6.78	1.15	12.9	9.05	7.29	1.11	12.0	10.86	6.26	1.33	17.3	17.03	8.50	2.09	42.6
10	3	5.52	5.52	1.58	24.4	11.15	7.59	3.20	99.4	10.70	8.10	3.07	91.5	12.70	7.07	3.64	129.0	18.76	9.20	5.38	281.5
	4	5.07	5.07	1.09	11.6	10.46	7.31	2.25	49.3	10.10	7.83	2.17	45.9	11.96	6.80	2.57	64.4	17.98	9.02	3.87	145.5
	5	4.53	4.53	0.78	5.9	9.78	7.07	1.68	27.5	9.36	7.58	1.61	25.2	11.33	6.49	1.95	37.0	17.42	8.69	3.00	87.4
	6	3.88	3.88	0.56	3.0	9.11	6.76	1.31	16.6	8.69	7.29	1.25	15.1	10.59	6.17	1.52	22.4	16.67	8.46	2.39	55.6
	7	2.47	2.47	0.30	0.9	8.32	6.48	1.02	10.2	7.92	7.02	0.97	9.2	9.90	5.86	1.22	14.4	15.93	8.12	1.96	37.3
11	3	4.87	4.87	1.40	19.0	10.06	7.25	2.89	81.0	9.70	7.72	2.78	75.3	11.67	6.69	3.35	109.0	17.69	8.86	5.07	250.5
	4	4.46	4.46	0.96	8.9	9.43	7.00	2.03	40.0	9.05	7.43	1.95	36.9	11.02	6.42	2.37	54.7	16.97	8.62	3.65	129.6
	5	3.86	3.86	0.66	4.3	8.71	6.73	1.50	21.9	8.32	7.25	1.43	19.9	10.30	6.11	1.77	30.6	16.43	8.32	2.83	77.8
	6	3.07	3.07	0.44	1.9	7.94	6.46	1.14	12.6	7.63	6.93	1.09	11.6	9.56	5.81	1.37	18.3	15.67	8.10	2.25	49.1
	7	2.07	2.07	0.25	0.6	7.07	6.22	0.87	7.3	6.82	6.82	0.84	6.8	8.80	5.47	1.08	11.4	14.95	7.76	1.84	32.9
12	3	4.29	4.29	1.23	14.7	9.00	6.91	2.58	64.8	8.57	7.45	2.46	58.7	10.61	6.33	3.04	90.0	16.70	8.51	4.79	223.2
	4	3.79	3.79	0.81	6.5	8.33	6.67	1.79	31.3	7.92	7.20	1.70	28.2	9.97	6.04	2.14	44.8	16.00	8.24	3.44	115.2
	5	3.26	3.26	0.56	3.1	7.61	6.44	1.31	16.7	7.22	6.96	1.24	15.0	9.25	5.77	1.59	24.7	15.39	7.94	2.65	68.2
	6	1.97	1.97	0.28	0.8	6.76	6.22	0.97	9.2	6.69	6.57	0.96	9.0	8.48	5.45	1.22	14.4	14.65	7.72	2.10	42.9
	7	1.62	1.62	0.20	0.4	5.99	5.99	0.74	5.3	6.17	6.17	0.76	5.6	7.70	5.12	0.95	8.7	13.92	7.41	1.71	28.5
13	3	3.70	3.70	1.06	10.9	7.86	6.60	2.25	49.5	7.41	7.16	2.13	44.0	9.56	5.97	2.74	73.1	15.64	8.17	4.48	195.7
	4	3.16	3.16	0.68	4.5	7.20	6.35	1.55	23.3	6.94	6.82	1.49	21.7	8.87	5.68	1.91	35.4	14.97	7.86	3.22	100.9
	5	2.27	2.27	0.39	1.5	6.42	6.28	1.10	11.9	6.49	6.49	1.12	12.1	8.17	5.41	1.41	19.2	14.30	7.56	2.46	58.9
	6	1.52	1.52	0.22	0.5	5.84	5.84	0.84	6.8	6.04	6.04	0.87	7.3	7.38	5.12	1.06	10.9	13.56	7.36	1.94	36.8
	7	1.12	1.12	0.14	0.2	5.34	5.34	0.66	4.2	5.56	5.56	0.68	4.5	6.46	4.83	0.79	6.1	12.86	7.05	1.58	24.3

Cooling capacity modification coefficient table:

Speed	200		300		400		500		600		800		1000		1200		1400	
	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC	TC	SC
High	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Med	0.86	0.82	0.87	0.83	0.85	0.81	0.86	0.83	0.84	0.8	0.84	0.82	0.87	0.84	0.89	0.85	0.86	0.81
Low	0.76	0.72	0.74	0.7	0.74	0.71	0.75	0.71	0.77	0.73	0.76	0.73	0.73	0.7	0.76	0.71	0.76	0.72

3-row Duct Heating Capacities

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

(with fan at high speed and 12Pa/30Pa static pressure for relative models)

Model	Δt	Air inlet temp. (20℃ DB)																	
		Water inlet temp. (℃)																	
		30			40			50			60			70			80		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
200	10	0.53	0.05	0.1	1.85	0.16	1.3	3.23	0.28	4.0	4.59	0.39	8.1	5.92	0.51	13.4	7.21	0.62	19.9
	8	0.65	0.07	0.3	2.04	0.22	2.5	3.40	0.37	6.9	4.72	0.51	13.3	6.04	0.65	21.8	7.33	0.79	32.1
	6	0.82	0.12	0.7	2.21	0.32	5.2	3.55	0.51	13.4	4.88	0.70	25.3	6.21	0.89	41.0	7.49	1.07	59.7
300	10	0.83	0.07	0.4	2.90	0.25	4.8	5.06	0.44	14.6	7.19	0.62	29.5	9.27	0.80	48.9	11.29	0.97	72.5
	8	1.02	0.11	0.9	3.19	0.34	9.0	5.33	0.57	25.2	7.39	0.79	48.6	9.46	1.02	79.6	11.48	1.23	117.3
	6	1.29	0.18	2.6	3.45	0.50	18.9	5.56	0.80	48.9	7.65	1.10	92.5	9.72	1.39	149.5	11.73	1.68	217.7
400	10	1.07	0.09	0.3	3.73	0.32	3.5	6.51	0.56	10.6	9.25	0.80	21.4	11.92	1.02	35.5	14.51	1.25	52.7
	8	1.32	0.14	0.7	4.10	0.44	6.6	6.85	0.74	18.3	9.50	1.02	35.3	12.17	1.31	57.8	14.76	1.59	85.2
	6	1.66	0.24	1.9	4.44	0.64	13.7	7.15	1.02	35.5	9.83	1.41	67.1	12.50	1.79	108.5	15.09	2.16	158.0
500	10	1.23	0.11	0.4	4.31	0.37	4.5	7.54	0.65	13.7	10.71	0.92	27.6	13.80	1.19	45.8	16.81	1.45	67.9
	8	1.52	0.16	0.9	4.75	0.51	8.5	7.93	0.85	23.6	11.00	1.18	45.5	14.09	1.51	74.6	17.10	1.84	109.9
	6	1.92	0.28	2.5	5.14	0.74	17.7	8.28	1.19	45.8	11.39	1.63	86.6	14.48	2.07	140.0	17.47	2.50	203.9
600	10	1.53	0.13	0.5	5.35	0.46	6.4	9.34	0.80	19.6	13.27	1.14	39.5	17.10	1.47	65.6	20.83	1.79	97.3
	8	1.89	0.20	1.2	5.88	0.63	12.1	9.83	1.06	33.9	13.63	1.47	65.1	17.46	1.88	106.8	21.19	2.28	157.3
	6	2.38	0.34	3.5	6.37	0.91	25.3	10.26	1.47	65.6	14.11	2.02	124.1	17.94	2.57	200.5	21.65	3.10	292.1
800	10	2.12	0.18	0.5	7.42	0.64	6.5	12.97	1.12	19.9	18.44	1.59	40.1	23.75	2.04	66.6	28.93	2.49	98.8
	8	2.62	0.28	1.3	8.17	0.88	12.3	13.65	1.47	34.4	18.93	2.04	66.1	24.25	2.61	108.5	29.43	3.16	159.7
	6	3.31	0.47	3.6	8.85	1.27	25.7	14.25	2.04	66.6	19.60	2.81	126.0	24.91	3.57	203.6	30.07	4.31	296.5
1000	10	2.51	0.22	0.5	8.78	0.75	6.5	15.34	1.32	20.0	21.80	1.87	40.4	28.08	2.42	67.0	34.21	2.94	99.4
	8	3.10	0.33	1.3	9.66	1.04	12.4	16.14	1.74	34.6	22.39	2.41	66.5	28.67	3.08	109.1	34.80	3.74	160.7
	6	3.91	0.56	3.6	10.47	1.50	25.9	16.85	2.42	67.0	23.17	3.32	126.7	29.46	4.22	204.8	35.55	5.10	298.3
1200	10	3.16	0.27	0.6	11.05	0.95	6.8	19.31	1.66	20.8	27.44	2.36	41.9	35.35	3.04	69.6	43.06	3.70	103.3
	8	3.90	0.42	1.3	12.16	1.31	12.9	20.32	2.08	35.9	28.18	3.03	69.1	36.09	3.88	113.4	43.80	4.71	166.9
	6	4.92	0.71	3.7	13.18	1.89	26.9	21.21	3.04	69.6	29.17	4.18	131.6	37.08	5.31	212.7	44.75	6.41	309.9
1400	10	3.28	0.28	0.6	11.46	0.99	7.6	20.03	1.72	23.3	28.46	2.45	47.0	36.67	3.15	78.0	44.66	3.84	115.7
	8	4.05	0.44	1.5	12.62	1.36	14.4	21.08	2.17	40.3	29.23	3.14	77.5	37.44	4.02	127.0	45.43	4.88	187.1
	6	5.10	0.73	4.2	13.67	1.96	30.1	22.00	3.15	78.0	30.26	4.34	147.5	38.46	5.51	238.4	46.42	6.65	347.3

Heating capacity modification coefficient table:

Speed	200	300	400	500	600
	TH	TH	TH	TH	TH
High	1	1	1	1	1
Medium	0.86	0.87	0.86	0.85	0.84
Low	0.74	0.75	0.75	0.75	0.73

Speed	800	1000	1200	1400
	TH	TH	TH	TH
High	1	1	1	1
Medium	0.86	0.87	0.85	0.86
Low	0.75	0.74	0.74	0.75

Altitude modification coefficient table:

Altitude (m)	TC	SC	TH
500	0.98	0.95	0.95
1000	0.97	0.91	0.91
1500	0.95	0.86	0.86
2000	0.94	0.82	0.82
2500	0.93	0.78	0.78
300	0.91	0.74	0.7

Operating limits:

Mode	Outdoor Temp.	Room Temp.	Enter water Temp.
Cooling	0~43℃	17~32℃	3~20℃
Heating	-15~24℃	0~30℃	30~80℃

4-row Duct Cooling capacity

MDKT4-200G30																						
EWT	ΔT	Indoor temp	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	W	W	TC	SC	W	W	TC	SC	W	W	TC	SC	W	W	TC	SC	W	WP
5	3	15	2.1	1.6	0.6	4.9	2.0	1.8	0.5	4.6	2.1	2.0	0.6	4.8	2.3	2.3	0.6	5.5	2.5	2.5	0.7	6.47
		17	2.8	1.6	0.8	7.7	2.7	1.8	0.7	7.5	2.7	2.0	0.7	7.2	2.7	2.2	0.7	7.3	2.7	2.5	0.7	7.49
		19	3.4	1.5	1	11.	3.4	1.8	0.9	11.	3.4	2.0	0.9	10.	3.3	2.2	0.9	10.	3.4	2.5	0.9	10.9
		20	3.8	1.5	1.1	13.	3.8	1.8	1.1	13.	3.8	2.0	1.0	13.	3.7	2.2	1.0	12.	3.7	2.4	1.0	12.9
	4	15	1.9	1.5	0.4	2.5	1.9	1.7	0.4	2.3	2.0	2.0	0.4	2.7	2.2	2.2	0.4	3.2	2.4	2.4	0.5	3.77
		17	2.6	1.5	0.5	4.2	2.6	1.7	0.5	4.1	2.5	1.9	0.5	3.9	2.5	2.1	0.5	4.0	2.6	2.4	0.5	4.17
		19	3.3	1.5	0.7	6.3	3.3	1.7	0.7	6.2	3.2	1.9	0.7	6.1	3.2	2.1	0.6	5.9	3.2	2.4	0.7	6.11
		20	3.6	1.4	0.7	7.5	3.6	1.7	0.7	7.5	3.6	1.9	0.7	7.4	3.6	2.1	0.7	7.2	3.6	2.4	0.7	7.29
	5	15	1.8	1.4	0.3	0.9	1.8	1.6	0.3	0.9	1.9	1.9	0.3	1.2	2.1	2.1	0.3	1.7	2.3	2.3	0.4	2.29
		17	2.4	1.4	0.4	2.5	2.4	1.6	0.4	2.4	2.3	1.8	0.4	2.2	2.3	2.1	0.4	2.3	2.4	2.3	0.4	2.54
		19	3.1	1.4	0.5	3.9	3.1	1.6	0.5	3.9	3.1	1.8	0.5	3.8	3.0	2.0	0.5	3.7	3.0	2.3	0.5	3.78
		20	3.5	1.4	0.6	4.7	3.5	1.6	0.6	4.7	3.4	1.8	0.6	4.6	3.4	2.0	0.5	4.5	3.4	2.3	0.5	4.55
	6	15	1.6	1.3	0.2	0.6	1.7	1.6	0.2	0.7	1.8	1.8	0.2	0.7	2.0	2.0	0.3	0.9	2.3	2.3	0.3	1.17
		17	2.2	1.3	0.3	1.1	2.2	1.6	0.3	1.1	2.2	1.8	0.3	1.0	2.2	2.0	0.3	1.0	2.3	2.3	0.3	1.31
		19	2.9	1.3	0.4	2.5	2.9	1.5	0.4	2.5	2.9	1.8	0.4	2.4	2.8	2	0.4	2.3	2.8	2.2	0.4	2.37
		20	3.3	1.3	0.4	3.1	3.3	1.5	0.4	3.1	3.3	1.8	0.4	3.1	3.2	2.0	0.4	3.0	3.2	2.2	0.4	3
7	3	15	1.6	1.4	0.4	3.1	1.6	1.6	0.4	3.1	1.8	1.8	0.5	3.8	2.0	2.0	0.6	4.5	2.2	2.2	0.6	5.43
		17	2.3	1.3	0.6	5.5	2.2	1.6	0.6	5.3	2.1	1.8	0.6	5.0	2.2	2.0	0.6	5.0	2.3	2.3	0.6	5.56
		19	3	1.3	0.8	8.5	2.9	1.5	0.8	8.5	2.9	1.8	0.8	8.2	2.8	2.0	0.8	7.9	2.8	2.2	0.8	8.05
		20	3.3	1.3	0.9	10.	3.3	1.5	0.9	10.	3.3	1.8	0.9	10.	3.2	2.0	0.9	9.8	3.2	2.2	0.9	9.79
	4	15	1.5	1.3	0.3	1.1	1.5	1.5	0.3	1.3	1.7	1.7	0.3	2.0	2.0	2.0	0.4	2.6	2.2	2.2	0.4	3.15
		17	2.1	1.3	0.4	2.9	2.1	1.5	0.4	2.9	2.0	1.7	0.4	2.7	2.0	1.9	0.4	2.8	2.2	2.2	0.4	3.2
		19	2.8	1.2	0.6	4.7	2.8	1.5	0.6	4.6	2.7	1.7	0.6	4.5	2.6	1.9	0.5	4.3	2.7	2.1	0.5	4.39
		20	3.1	1.2	0.6	5.8	3.1	1.5	0.6	5.7	3.1	1.7	0.6	5.6	3.0	1.9	0.6	5.4	3.0	2.1	0.6	5.39
	5	15	1.3	1.2	0.2	0.6	1.5	1.5	0.2	0.7	1.7	1.7	0.3	0.8	1.9	1.9	0.3	1.2	2.1	2.1	0.3	1.82
		17	1.9	1.2	0.3	1.3	1.9	1.4	0.3	1.3	1.8	1.6	0.3	1.1	1.9	1.9	0.3	1.4	2.1	2.1	0.3	1.86
		19	2.6	1.2	0.4	2.8	2.6	1.4	0.4	2.8	2.6	1.6	0.4	2.8	2.5	1.8	0.4	2.6	2.5	2.0	0.4	2.61
		20	3.0	1.1	0.5	3.5	3	1.4	0.5	3.5	2.9	1.6	0.5	3.5	2.9	1.8	0.5	3.3	2.8	2.0	0.4	3.29
	6	15	1.2	1.2	0.1	0.4	1.4	1.4	0.2	0.5	1.6	1.6	0.2	0.6	1.8	1.8	0.2	0.7	2.0	2.0	0.3	0.91
		17	1.7	1.1	0.2	0.6	1.7	1.3	0.2	0.6	1.7	1.6	0.2	0.6	1.9	1.9	0.2	0.7	2.0	2.0	0.3	0.92
		19	2.4	1.1	0.3	1.5	2.4	1.3	0.3	1.5	2.4	1.5	0.3	1.5	2.3	1.7	0.3	1.3	2.3	2.0	0.3	1.35
		20	2.8	1.1	0.4	2.2	2.8	1.3	0.4	2.2	2.8	1.5	0.4	2.2	2.7	1.7	0.3	2.1	2.6	1.9	0.3	2
9	3	15	1.2	1.2	0.3	1.6	1.4	1.4	0.4	2.3	1.6	1.6	0.4	3	1.8	1.8	0.5	3.7	2.0	2.0	0.5	4.48
		17	1.7	1.1	0.5	3.5	1.7	1.3	0.5	3.4	1.7	1.6	0.5	3.3	1.8	1.8	0.5	3.7	2.0	2.0	0.5	4.48
		19	2.4	1.1	0.7	6.0	2.4	1.3	0.7	6.0	2.4	1.5	0.7	5.9	2.3	1.7	0.6	5.4	2.3	2.0	0.6	5.45
		20	2.8	1.1	0.8	7.6	2.8	1.3	0.8	7.6	2.8	1.5	0.8	7.5	2.7	1.7	0.7	7.1	2.6	1.9	0.7	6.9
	4	15	1.1	1.1	0.2	0.6	1.3	1.3	0.2	0.8	1.5	1.5	0.3	1.4	1.7	1.7	0.3	2.0	2	2	0.4	2.58
		17	1.6	1.0	0.3	1.5	1.6	1.3	0.3	1.5	1.6	1.5	0.3	1.6	1.7	1.7	0.3	2.0	2	2	0.4	2.58
		19	2.2	1.0	0.4	3.2	2.2	1.2	0.4	3.2	2.2	1.5	0.4	3.1	2.1	1.7	0.4	2.9	2.1	1.9	0.4	2.94
		20	2.6	1.0	0.5	4.1	2.6	1.2	0.5	4.1	2.6	1.5	0.5	4.1	2.5	1.7	0.5	3.9	2.4	1.9	0.5	3.71
	5	15	1.0	1.0	0.1	0.4	1.2	1.2	0.2	0.5	1.4	1.4	0.2	0.6	1.7	1.7	0.2	0.9	1.9	1.9	0.3	1.37
		17	1.4	1	0.2	0.6	1.4	1.2	0.2	0.6	1.5	1.5	0.2	0.7	1.7	1.7	0.2	0.9	1.9	1.9	0.3	1.38
		19	2.0	0.9	0.3	1.7	2.0	1.2	0.3	1.7	2.0	1.4	0.3	1.7	2	1.6	0.3	1.5	2.0	1.8	0.3	1.64
		20	2.4	0.9	0.4	2.5	2.4	1.2	0.4	2.4	2.4	1.4	0.4	2.4	2.3	1.6	0.4	2.3	2.2	1.8	0.3	2.16
	6	15	0.9	0.9	0.1	0.3	1.1	1.1	0.1	0.4	1.4	1.4	0.2	0.5	1.6	1.6	0.2	0.6	1.8	1.8	0.2	0.71
		17	1.1	0.9	0.1	0.4	1.3	1.1	0.1	0.4	1.4	1.4	0.2	0.5	1.6	1.6	0.2	0.6	1.8	1.8	0.2	0.71
		19	1.8	0.8	0.2	0.7	1.8	1.1	0.2	0.7	1.8	1.3	0.2	0.7	1.8	1.5	0.2	0.7	1.9	1.8	0.2	0.78
		20	2.2	0.8	0.3	1.2	2.2	1.1	0.3	1.2	2.2	1.3	0.3	1.2	2.2	1.5	0.3	1.1	2.1	1.7	0.3	1.02
11	3	15	0.9	0.9	0.2	0.7	1.1	1.1	0.3	1.5	1.4	1.4	0.4	2.2	1.6	1.6	0.4	2.9	1.8	1.8	0.5	3.62
		17	1.2	0.9	0.3	1.7	1.2	1.1	0.3	1.8	1.4	1.4	0.4	2.2	1.6	1.6	0.4	2.9	1.8	1.8	0.5	3.63
		19	1.9	0.9	0.5	3.8	1.9	1.1	0.5	3.8	1.9	1.3	0.5	3.8	1.8	1.5	0.5	3.6	1.8	1.8	0.5	3.72
		20	2.2	0.9	0.6	5.2	2.2	1.1	0.6	5.1	2.2	1.3	0.6	5.1	2.2	1.5	0.6	4.9	2.0	1.7	0.6	4.46
	4	15	0.8	0.8	0.1	0.4	1.1	1.1	0.2	0.6	1.3	1.3	0.2	0.8	1.5	1.5	0.3	1.4	1.7	1.7	0.3	2.05
		17	1.0	0.8	0.2	0.5	1.1	1.1	0.2	0.6	1.3	1.3	0.2	0.8	1.5	1.5	0.3	1.4	1.7	1.7	0.3	2.05

		19	1.7	0.8	0.3	1.9	1.7	1.0	0.3	1.9	1.7	1.3	0.3	1.9	1.6	1.5	0.3	1.8	1.7	1.7	0.3	2.08
		20	2.0	0.8	0.4	2.7	2.0	1.0	0.4	2.7	2.0	1.2	0.4	2.7	2.0	1.5	0.4	2.6	1.9	1.7	0.4	2.39
	5	15	0.7	0.7	0.1	0.3	1.0	1.0	0.1	0.4	1.2	1.2	0.2	0.5	1.4	1.4	0.2	0.6	1.7	1.7	0.2	0.96
		17	0.8	0.8	0.1	0.3	1.0	1.0	0.1	0.4	1.2	1.2	0.2	0.5	1.4	1.4	0.2	0.6	1.7	1.7	0.2	0.97
		19	1.4	0.7	0.2	0.6	1.4	0.9	0.2	0.6	1.5	1.2	0.2	0.6	1.5	1.4	0.2	0.7	1.7	1.7	0.2	0.98
		20	1.8	0.7	0.3	1.3	1.8	0.9	0.3	1.3	1.8	1.2	0.3	1.3	1.8	1.4	0.3	1.2	1.8	1.6	0.3	1.2
	6	15	0.7	0.7	0.1	0.2	0.9	0.9	0.1	0.3	1.1	1.1	0.1	0.4	1.4	1.4	0.2	0.5	1.6	1.6	0.2	0.58
		17	0.7	0.7	0.1	0.2	0.9	0.9	0.1	0.3	1.1	1.1	0.1	0.4	1.4	1.4	0.2	0.5	1.6	1.6	0.2	0.58
		19	1.2	0.6	0.1	0.4	1.2	0.9	0.1	0.4	1.3	1.1	0.1	0.4	1.4	1.4	0.2	0.5	1.6	1.6	0.2	0.58
		20	1.6	0.6	0.2	0.5	1.6	0.8	0.2	0.5	1.6	1.1	0.2	0.5	1.6	1.3	0.2	0.5	1.7	1.6	0.2	0.61
13	3	15	0.7	0.7	0.2	0.5	0.9	0.9	0.2	0.7	1.1	1.1	0.3	1.5	1.3	1.3	0.4	2.2	1.6	1.6	0.4	2.86
		17	0.7	0.7	0.2	0.5	0.9	0.9	0.2	0.7	1.1	1.1	0.3	1.5	1.3	1.3	0.4	2.2	1.6	1.6	0.4	2.86
		19	1.3	0.6	0.3	1.9	1.3	0.9	0.3	2.0	1.3	1.1	0.3	2.0	1.4	1.4	0.4	2.3	1.6	1.6	0.4	2.86
		20	1.6	0.6	0.4	3.0	1.6	0.9	0.4	3.0	1.6	1.1	0.4	3.0	1.6	1.3	0.4	2.9	1.6	1.6	0.4	2.95
	4	15	0.6	0.6	0.1	0.3	0.8	0.8	0.1	0.4	1.1	1.1	0.2	0.5	1.3	1.3	0.2	0.9	1.5	1.5	0.3	1.53
		17	0.6	0.6	0.1	0.3	0.8	0.8	0.1	0.4	1.1	1.1	0.2	0.5	1.3	1.3	0.2	0.9	1.5	1.5	0.3	1.53
		19	1.0	0.6	0.2	0.5	1.0	0.8	0.2	0.5	1.1	1.1	0.2	0.6	1.3	1.3	0.2	0.9	1.5	1.5	0.3	1.54
		20	1.4	0.5	0.3	1.2	1.4	0.8	0.3	1.2	1.4	1.0	0.3	1.3	1.4	1.3	0.3	1.3	1.5	1.5	0.3	1.58
	5	15	-	-	-	-	0.7	0.7	0.1	0.3	1.0	1.0	0.1	0.4	1.2	1.2	0.2	0.5	1.4	1.4	0.2	0.65
		17	-	-	-	-	0.7	0.7	0.1	0.3	1.0	1.0	0.1	0.4	1.2	1.2	0.2	0.5	1.4	1.4	0.2	0.65
		19	-	-	-	-	0.9	0.7	0.1	0.3	1.0	1.0	0.1	0.4	1.2	1.2	0.2	0.5	1.4	1.4	0.2	0.65
		20	-	-	-	-	1.2	0.7	0.2	0.4	1.2	1	0.2	0.5	1.3	1.2	0.2	0.5	1.4	1.4	0.2	0.66
	6	15	-	-	-	-	0.7	0.7	0.1	0.2	0.9	0.9	0.1	0.3	1.1	1.1	0.1	0.3	1.4	1.4	0.2	0.47
		17	-	-	-	-	0.7	0.7	0.1	0.2	0.9	0.9	0.1	0.3	1.1	1.1	0.1	0.3	1.4	1.4	0.2	0.47
		19	-	-	-	-	0.7	0.7	0.1	0.2	0.9	0.9	0.1	0.3	1.1	1.1	0.1	0.3	1.4	1.4	0.2	0.47
		20	-	-	-	-	0.9	0.6	0.1	0.3	1.0	0.9	0.1	0.3	1.2	1.2	0.1	0.4	1.4	1.4	0.2	0.47
15	3	15	-	-	-	-	0.7	0.7	0.2	0.4	0.9	0.9	0.2	0.8	1.1	1.1	0.3	1.5	1.3	1.3	0.4	2.18
		17	-	-	-	-	0.7	0.7	0.2	0.4	0.9	0.9	0.2	0.8	1.1	1.1	0.3	1.5	1.3	1.3	0.4	2.18
		19	-	-	-	-	0.7	0.7	0.2	0.5	0.9	0.9	0.2	0.8	1.1	1.1	0.3	1.5	1.3	1.3	0.4	2.18
		20	-	-	-	-	1.0	0.6	0.3	1.1	1.0	0.9	0.3	1.2	1.1	1.1	0.3	1.6	1.3	1.3	0.4	2.19
	4	15	-	-	-	-	0.6	0.6	0.1	0.3	0.8	0.8	0.1	0.4	1.0	1.0	0.2	0.5	1.3	1.3	0.2	1
		17	-	-	-	-	0.6	0.6	0.1	0.3	0.8	0.8	0.1	0.4	1.0	1.0	0.2	0.5	1.3	1.3	0.2	1
		19	-	-	-	-	0.6	0.6	0.1	0.3	0.8	0.8	0.1	0.4	1.0	1.0	0.2	0.5	1.3	1.3	0.2	1
		20	-	-	-	-	0.7	0.6	0.1	0.3	0.9	0.9	0.2	0.4	1.1	1.1	0.2	0.5	1.3	1.3	0.2	1
	5	15	-	-	-	-	-	-	-	-	0.7	0.7	0.1	0.3	1.0	1.0	0.1	0.3	1.2	1.2	0.2	0.48
		17	-	-	-	-	-	-	-	-	0.7	0.7	0.1	0.3	1.0	1.0	0.1	0.3	1.2	1.2	0.2	0.48
		19	-	-	-	-	-	-	-	-	0.7	0.7	0.1	0.3	1.0	1.0	0.1	0.3	1.2	1.2	0.2	0.48
		20	-	-	-	-	-	-	-	-	0.8	0.8	0.1	0.3	1.0	1.0	0.1	0.4	1.2	1.2	0.2	0.48
	6	15	-	-	-	-	-	-	-	-	0.7	0.7	0.1	0.2	0.9	0.9	0.1	0.3	1.1	1.1	0.1	0.37
		17	-	-	-	-	-	-	-	-	0.7	0.7	0.1	0.2	0.9	0.9	0.1	0.3	1.1	1.1	0.1	0.37
		19	-	-	-	-	-	-	-	-	0.7	0.7	0.1	0.2	0.9	0.9	0.1	0.3	1.1	1.1	0.1	0.37
		20	-	-	-	-	-	-	-	-	0.7	0.7	0.1	0.2	0.9	0.9	0.1	0.3	1.1	1.1	0.1	0.37

MDKT4-300G30							
EWT	ΔT	Indoor	Indoor temperature (D.B.)				
			21	23	25	27	29

		temp	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
5	3	15	2.84	2.15	0.81	9.46	2.73	2.42	0.78	8.87	2.83	2.78	0.81	9.4	3.07	3.07	0.88	10.8	3.36	3.36	0.96	12.62
		17	3.69	2.12	1.06	14.8	3.64	2.42	1.04	14.4	3.55	2.69	1.02	13.9	3.58	3.02	1.03	14.0	3.62	3.35	1.04	14.35
		19	4.61	2.08	1.32	21.7	4.58	2.4	1.32	21.5	4.53	2.69	1.3	21.1	4.46	2.98	1.28	20.5	4.51	3.31	1.3	20.97
		20	5.09	2.06	1.46	25.8	5.06	2.38	1.46	25.6	5.03	2.68	1.44	25.3	4.97	2.97	1.43	24.7	4.98	3.29	1.43	24.88
	4	15	2.63	2.05	0.57	5.07	2.55	2.34	0.55	4.83	2.71	2.71	0.58	5.35	2.98	2.98	0.64	6.27	3.26	3.26	0.7	7.33
		17	3.48	2.02	0.75	8.17	3.44	2.32	0.74	8	3.33	2.59	0.72	7.59	3.35	2.91	0.72	7.65	3.43	3.26	0.74	7.98
		19	4.39	1.99	0.95	12.1	4.37	2.3	0.94	12.0	4.31	2.59	0.93	11.7	4.23	2.87	0.91	11.4	4.28	3.21	0.92	11.62
		20	4.87	1.96	1.05	14.5	4.85	2.28	1.04	14.4	4.82	2.58	1.04	14.2	4.75	2.87	1.02	13.8	4.74	3.18	1.02	13.87
	5	15	2.41	1.95	0.42	2.95	2.4	2.27	0.41	2.93	2.61	2.61	0.45	3.4	2.88	2.88	0.5	4.05	3.17	3.17	0.55	4.76
		17	3.26	1.92	0.56	4.98	3.23	2.23	0.56	4.9	3.11	2.49	0.54	4.6	3.14	2.82	0.54	4.67	3.29	3.19	0.57	5.06
		19	4.17	1.89	0.72	7.57	4.15	2.2	0.72	7.51	4.1	2.49	0.71	7.34	4	2.77	0.69	7.05	4.04	3.1	0.7	7.15
		20	4.65	1.86	0.8	9.12	4.63	2.18	0.8	9.05	4.6	2.49	0.79	8.93	4.52	2.77	0.78	8.68	4.5	3.08	0.78	8.61
	6	15	2.19	1.85	0.31	1.35	2.27	2.21	0.33	1.54	2.5	2.5	0.36	2.1	2.79	2.79	0.4	2.73	3.08	3.08	0.44	3.29
		17	3.03	1.82	0.43	3.2	3	2.13	0.43	3.15	2.91	2.4	0.42	2.97	2.97	2.74	0.43	3.09	3.16	3.14	0.45	3.45
		19	3.94	1.78	0.57	5.02	3.92	2.1	0.56	4.98	3.88	2.4	0.56	4.89	3.76	2.66	0.54	4.64	3.78	2.98	0.54	4.68
		20	4.42	1.76	0.63	6.1	4.4	2.08	0.63	6.06	4.38	2.39	0.63	6	4.29	2.67	0.62	5.8	4.25	2.97	0.61	5.71
7	3	15	2.21	1.86	0.63	6.06	2.22	2.19	0.64	6.12	2.48	2.48	0.71	7.39	2.77	2.77	0.8	8.93	3.06	3.06	0.88	10.58
		17	3.05	1.83	0.88	10.5	3.02	2.14	0.87	10.3	2.89	2.39	0.83	9.59	2.91	2.72	0.84	9.71	3.09	3.09	0.89	10.76
		19	3.96	1.79	1.14	16.4	3.93	2.1	1.13	16.3	3.87	2.4	1.11	15.8	3.76	2.66	1.08	15.1	3.79	2.99	1.09	15.32
		20	4.44	1.77	1.28	20.0	4.41	2.09	1.27	19.9	4.38	2.39	1.26	19.6	4.29	2.67	1.23	18.9	4.25	2.97	1.22	18.67
	4	15	1.99	1.77	0.43	3.11	2.11	2.11	0.45	3.43	2.38	2.38	0.51	4.23	2.68	2.68	0.58	5.14	2.96	2.96	0.64	6.12
		17	2.82	1.73	0.61	5.61	2.8	2.04	0.6	5.55	2.7	2.31	0.58	5.21	2.76	2.65	0.59	5.42	2.98	2.98	0.64	6.18
		19	3.73	1.69	0.8	9.04	3.71	2.01	0.8	8.96	3.66	2.31	0.79	8.77	3.53	2.57	0.76	8.24	3.55	2.88	0.76	8.29
		20	4.21	1.67	0.91	11.1	4.19	1.99	0.9	11.0	4.16	2.3	0.9	10.8	4.06	2.57	0.88	10.4	4.01	2.86	0.86	10.23
	5	15	1.82	1.69	0.31	1.43	2	2	0.34	1.95	2.29	2.29	0.39	2.66	2.58	2.58	0.44	3.3	2.87	2.87	0.49	3.95
		17	2.58	1.62	0.44	3.29	2.57	1.94	0.44	3.26	2.5	2.23	0.43	3.13	2.64	2.6	0.45	3.42	2.88	2.88	0.5	3.98
		19	3.49	1.59	0.6	5.5	3.48	1.91	0.6	5.46	3.44	2.21	0.59	5.36	3.3	2.47	0.57	5	3.29	2.77	0.57	4.97
		20	3.97	1.57	0.68	6.85	3.95	1.89	0.68	6.8	3.93	2.2	0.68	6.73	3.83	2.47	0.66	6.44	3.75	2.76	0.65	6.22
	6	15	1.67	1.63	0.24	0.74	1.9	1.9	0.27	0.92	2.19	2.19	0.31	1.47	2.48	2.48	0.36	2.15	2.78	2.78	0.4	2.71
		17	2.32	1.52	0.33	1.79	2.32	1.84	0.33	1.79	2.34	2.16	0.34	1.84	2.52	2.52	0.36	2.23	2.78	2.78	0.4	2.72
		19	3.24	1.49	0.47	3.54	3.23	1.8	0.46	3.52	3.2	2.11	0.46	3.47	3.09	2.38	0.44	3.27	3.08	2.69	0.44	3.25
		20	3.72	1.47	0.53	4.48	3.71	1.79	0.53	4.45	3.69	2.1	0.53	4.42	3.61	2.38	0.52	4.26	3.49	2.65	0.5	4.02
9	3	15	1.63	1.61	0.47	3.56	1.88	1.88	0.54	4.53	2.17	2.17	0.62	5.82	2.47	2.47	0.71	7.22	2.76	2.76	0.79	8.73
		17	2.36	1.53	0.68	6.68	2.35	1.85	0.68	6.63	2.3	2.14	0.66	6.4	2.47	2.47	0.71	7.23	2.76	2.76	0.79	8.74
		19	3.26	1.5	0.94	11.6	3.25	1.81	0.93	11.5	3.22	2.12	0.93	11.3	3.06	2.37	0.88	10.4	3.04	2.67	0.87	10.31
		20	3.74	1.47	1.08	14.7	3.72	1.79	1.07	14.6	3.7	2.1	1.06	14.4	3.59	2.38	1.03	13.7	3.5	2.65	1.01	13.13
	4	15	1.5	1.5	0.32	1.7	1.78	1.78	0.38	2.52	2.08	2.08	0.45	3.3	2.37	2.37	0.51	4.13	2.66	2.66	0.57	5.02
		17	2.11	1.43	0.46	3.38	2.11	1.75	0.46	3.38	2.16	2.09	0.47	3.51	2.37	2.37	0.51	4.13	2.67	2.67	0.57	5.03
		19	3.02	1.4	0.65	6.21	3.01	1.71	0.65	6.16	2.98	2.02	0.64	6.08	2.86	2.29	0.62	5.68	2.84	2.59	0.61	5.6
		20	3.5	1.38	0.75	7.98	3.48	1.69	0.75	7.92	3.46	2.01	0.75	7.85	3.38	2.29	0.73	7.53	3.25	2.55	0.7	7.03
	5	15	1.39	1.39	0.24	0.72	1.68	1.68	0.29	1.18	1.98	1.98	0.34	1.97	2.28	2.28	0.39	2.62	2.57	2.57	0.44	3.23
		17	1.84	1.32	0.32	1.62	1.89	1.67	0.33	1.76	2.03	2.03	0.35	2.1	2.28	2.28	0.39	2.62	2.57	2.57	0.44	3.23
		19	2.76	1.29	0.48	3.63	2.75	1.61	0.47	3.61	2.74	1.93	0.47	3.58	2.65	2.2	0.46	3.38	2.69	2.53	0.46	3.48
		20	3.24	1.27	0.56	4.78	3.23	1.59	0.56	4.74	3.22	1.91	0.55	4.71	3.15	2.2	0.54	4.56	2.99	2.45	0.52	4.16
	6	15	1.28	1.28	0.18	0.53	1.58	1.58	0.23	0.66	1.88	1.88	0.27	0.95	2.18	2.18	0.31	1.57	2.47	2.47	0.36	2.16
		17	1.57	1.22	0.23	0.65	1.72	1.6	0.25	0.75	1.92	1.92	0.28	1.01	2.18	2.18	0.31	1.57	2.48	2.48	0.36	2.17
		19	2.48	1.18	0.36	2.17	2.48	1.51	0.36	2.17	2.47	1.82	0.36	2.16	2.44	2.12	0.35	2.1	2.56	2.48	0.37	2.31
		20	2.97	1.17	0.43	3.01	2.96	1.49	0.43	2.99	2.95	1.81	0.42	2.98	2.9	2.1	0.42	2.9	2.79	2.37	0.4	2.7
11	3	15	1.27	1.27	0.36	2.27	1.57	1.57	0.45	3.3	1.87	1.87	0.54	4.43	2.16	2.16	0.62	5.69	2.46	2.46	0.71	7.05
		17	1.63	1.24	0.47	3.5	1.68	1.58	0.48	3.7	1.87	1.87	0.54	4.45	2.17	2.17	0.62	5.69	2.46	2.46	0.71	7.06
		19	2.53	1.2	0.73	7.39	2.52	1.52	0.72	7.34	2.5	1.83	0.72	7.29	2.43	2.12	0.7	6.92	2.48	2.45	0.71	7.17
		20	3.01	1.18	0.87	9.96	2.99	1.5	0.86	9.87	2.98	1.82	0.86	9.8	2.92	2.11	0.84	9.5	2.74	2.35	0.79	8.48
	4	15	1.16	1.16	0.25	0.77	1.47	1.47	0.32	1.67	1.77	1.77	0.38	2.47	2.07	2.07	0.45	3.22	2.36	2.36	0.51	4.03
		17	1.37	1.14	0.3	1.35	1.54	1.52	0.33	1.87	1.77	1.77	0.38	2.48	2.07	2.07	0.45	3.23	2.36	2.36	0.51	4.04
		19	2.25	1.1	0.49	3.72	2.25	1.42	0.49	3.72	2.25	1.74	0.49	3.72	2.24	2.05	0.48	3.67	2.38	2.38	0.51	4.07
		20	2.74	1.08	0.59	5.19	2.73	1.4	0.59	5.14	2.72	1.72	0.59	5.12	2.68	2.02	0.58	5	2.55	2.28	0.55	4.6
	5	15	1.06	1.06	0.18	0.51	1.37	1.37	0.24	0.68	1.67	1.67	0.29	1.27	1.97	1.97	0.34	1.99	2.27	2.27	0.39	2.57

11		17	1.18	1.07	0.2	0.57	1.41	1.41	0.24	0.72	1.68	1.68	0.29	1.27	1.97	1.97	0.34	1.99	2.27	2.27	0.39	2.57
		19	1.95	0.98	0.34	1.94	1.97	1.31	0.34	1.97	1.99	1.64	0.34	2.03	2.09	1.99	0.36	2.21	2.28	2.28	0.39	2.58
		20	2.45	0.98	0.42	2.93	2.44	1.3	0.42	2.91	2.45	1.62	0.42	2.92	2.42	1.92	0.42	2.87	2.4	2.23	0.41	2.82
	6	15	0.95	0.95	0.14	0.37	1.27	1.27	0.18	0.5	1.57	1.57	0.23	0.63	1.88	1.88	0.27	1.02	2.17	2.17	0.31	1.63
		17	1.02	1.01	0.15	0.4	1.29	1.29	0.19	0.51	1.57	1.57	0.23	0.63	1.88	1.88	0.27	1.02	2.17	2.17	0.31	1.63
		19	1.62	0.87	0.23	0.66	1.65	1.2	0.24	0.69	1.79	1.57	0.26	0.87	1.95	1.94	0.28	1.18	2.18	2.18	0.31	1.64
		20	2.13	0.86	0.31	1.56	2.13	1.18	0.31	1.55	2.15	1.51	0.31	1.6	2.19	1.84	0.31	1.66	2.26	2.18	0.33	1.8
13	3	15	0.95	0.95	0.27	1.1	1.26	1.26	0.36	2.23	1.56	1.56	0.45	3.22	1.86	1.86	0.54	4.33	2.15	2.15	0.62	5.56
		17	0.99	0.99	0.29	1.28	1.26	1.26	0.36	2.24	1.56	1.56	0.45	3.23	1.86	1.86	0.54	4.33	2.16	2.16	0.62	5.56
		19	1.71	0.9	0.49	3.77	1.73	1.23	0.5	3.84	1.76	1.56	0.51	3.94	1.89	1.89	0.54	4.45	2.16	2.16	0.62	5.57
		20	2.21	0.89	0.64	5.82	2.2	1.21	0.63	5.75	2.2	1.53	0.64	5.78	2.18	1.84	0.63	5.68	2.19	2.15	0.63	5.73
	4	15	0.85	0.85	0.18	0.49	1.16	1.16	0.25	0.81	1.47	1.47	0.32	1.71	1.77	1.77	0.38	2.42	2.06	2.06	0.45	3.15
		17	0.87	0.87	0.19	0.5	1.16	1.16	0.25	0.81	1.47	1.47	0.32	1.71	1.77	1.77	0.38	2.43	2.06	2.06	0.45	3.15
		19	1.41	0.79	0.3	1.56	1.44	1.12	0.31	1.64	1.58	1.49	0.34	2	1.78	1.78	0.39	2.47	2.06	2.06	0.45	3.16
		20	1.91	0.78	0.41	2.76	1.9	1.1	0.41	2.74	1.93	1.43	0.42	2.81	1.96	1.76	0.42	2.89	2.08	2.08	0.45	3.21
	5	15	-	-	-	-	1.06	1.06	0.18	0.48	1.37	1.37	0.24	0.69	1.67	1.67	0.29	1.34	1.97	1.97	0.34	1.97
		17	-	-	-	-	1.06	1.06	0.18	0.48	1.37	1.37	0.24	0.69	1.67	1.67	0.29	1.34	1.97	1.97	0.34	1.97
		19	-	-	-	-	1.22	1.05	0.21	0.56	1.44	1.44	0.25	0.81	1.68	1.68	0.29	1.37	1.97	1.97	0.34	1.97
		20	-	-	-	-	1.58	0.99	0.27	1.14	1.65	1.33	0.28	1.3	1.8	1.7	0.31	1.64	1.98	1.98	0.34	2
	6	15	-	-	-	-	0.95	0.95	0.14	0.35	1.26	1.26	0.18	0.47	1.57	1.57	0.23	0.62	1.87	1.87	0.27	1.09
		17	-	-	-	-	0.95	0.95	0.14	0.35	1.26	1.26	0.18	0.47	1.57	1.57	0.23	0.62	1.87	1.87	0.27	1.09
		19	-	-	-	-	1.04	0.99	0.15	0.39	1.31	1.31	0.19	0.49	1.57	1.57	0.23	0.63	1.87	1.87	0.27	1.1
		20	-	-	-	-	1.25	0.88	0.18	0.46	1.44	1.26	0.21	0.54	1.65	1.65	0.24	0.72	1.88	1.88	0.27	1.12
15	3	15	-	-	-	-	0.95	0.95	0.27	1.18	1.26	1.26	0.36	2.19	1.56	1.56	0.45	3.15	1.85	1.85	0.53	4.23
		17	-	-	-	-	0.95	0.95	0.27	1.18	1.26	1.26	0.36	2.19	1.56	1.56	0.45	3.15	1.85	1.85	0.53	4.24
		19	-	-	-	-	1.02	0.98	0.29	1.44	1.26	1.26	0.36	2.22	1.56	1.56	0.45	3.16	1.85	1.85	0.53	4.24
		20	-	-	-	-	1.35	0.91	0.39	2.47	1.42	1.26	0.41	2.69	1.59	1.59	0.46	3.26	1.85	1.85	0.53	4.24
	4	15	-	-	-	-	0.85	0.85	0.18	0.47	1.16	1.16	0.25	0.87	1.46	1.46	0.32	1.71	1.76	1.76	0.38	2.37
		17	-	-	-	-	0.85	0.85	0.18	0.47	1.16	1.16	0.25	0.87	1.46	1.46	0.32	1.71	1.76	1.76	0.38	2.37
		19	-	-	-	-	0.88	0.88	0.19	0.48	1.16	1.16	0.25	0.88	1.46	1.46	0.32	1.71	1.76	1.76	0.38	2.38
		20	-	-	-	-	1.05	0.81	0.23	0.63	1.25	1.2	0.27	1.14	1.48	1.48	0.32	1.75	1.76	1.76	0.38	2.38
	5	15	-	-	-	-	-	-	-	-	1.05	1.05	0.18	0.46	1.36	1.36	0.24	0.72	1.66	1.66	0.29	1.39
		17	-	-	-	-	-	-	-	-	1.05	1.05	0.18	0.46	1.36	1.36	0.24	0.72	1.66	1.66	0.29	1.39
		19	-	-	-	-	-	-	-	-	1.05	1.05	0.18	0.46	1.36	1.36	0.24	0.72	1.66	1.66	0.29	1.39
		20	-	-	-	-	-	-	-	-	1.11	1.11	0.19	0.48	1.37	1.37	0.24	0.74	1.66	1.66	0.29	1.39
	6	15	-	-	-	-	-	-	-	-	0.94	0.94	0.14	0.34	1.26	1.26	0.18	0.45	1.56	1.56	0.23	0.64
		17	-	-	-	-	-	-	-	-	0.94	0.94	0.14	0.34	1.26	1.26	0.18	0.45	1.56	1.56	0.23	0.64
		19	-	-	-	-	-	-	-	-	0.94	0.94	0.14	0.34	1.26	1.26	0.18	0.45	1.56	1.56	0.23	0.64
		20	-	-	-	-	-	-	-	-	0.97	0.97	0.14	0.35	1.26	1.26	0.18	0.45	1.56	1.56	0.23	0.64

MDKT4-400G30																						
EWT	ΔT	Indoor (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

5	3	15	3.78	2.88	1.08	15.3	3.64	3.24	1.04	14.3	3.77	3.72	1.08	15.2	4.11	4.11	1.18	17.7	4.5	4.5	1.29	20.71
		17	4.91	2.83	1.41	24.1	4.84	3.23	1.39	23.5	4.72	3.6	1.35	22.5	4.74	4.03	1.36	22.7	4.81	4.47	1.38	23.23
		19	6.13	2.77	1.76	35.4	6.09	3.19	1.75	35.0	6.02	3.59	1.73	34.3	5.92	3.97	1.7	33.3	5.98	4.42	1.72	33.95
		20	6.77	2.74	1.95	42.1	6.73	3.16	1.94	41.7	6.68	3.57	1.92	41.2	6.6	3.96	1.9	40.3	6.6	4.38	1.9	40.33
	4	15	3.5	2.75	0.75	8.19	3.41	3.13	0.73	7.83	3.62	3.62	0.78	8.69	3.99	3.99	0.86	10.2	4.37	4.37	0.94	11.98
		17	4.63	2.7	1	13.2	4.58	3.11	0.99	12.9	4.43	3.47	0.95	12.2	4.44	3.89	0.96	12.2	4.57	4.37	0.98	12.93
		19	5.84	2.64	1.26	19.7	5.81	3.06	1.25	19.5	5.74	3.46	1.24	19.1	5.62	3.83	1.21	18.4	5.67	4.28	1.22	18.72
		20	6.49	2.61	1.4	23.6	6.45	3.03	1.39	23.4	6.4	3.44	1.38	23.1	6.31	3.83	1.36	22.5	6.29	4.24	1.35	22.38
	5	15	3.21	2.62	0.55	4.82	3.21	3.04	0.55	4.83	3.48	3.48	0.6	5.54	3.86	3.86	0.66	6.6	4.25	4.25	0.73	7.76
		17	4.34	2.57	0.75	8.04	4.3	2.98	0.74	7.91	4.15	3.34	0.71	7.45	4.17	3.77	0.72	7.52	4.39	4.28	0.75	8.19
		19	5.55	2.51	0.96	12.2	5.52	2.93	0.95	12.1	5.46	3.33	0.94	11.8	5.32	3.7	0.92	11.3	5.35	4.13	0.92	11.49
		20	6.19	2.48	1.07	14.7	6.16	2.9	1.06	14.6	6.12	3.32	1.05	14.4	6.01	3.7	1.04	14.0	5.97	4.1	1.03	13.87
	6	15	2.92	2.48	0.42	2.95	3.04	2.97	0.44	3.19	3.35	3.35	0.48	3.79	3.73	3.73	0.54	4.56	4.12	4.12	0.59	5.39
		17	4.03	2.43	0.58	5.18	4	2.85	0.57	5.11	3.88	3.22	0.56	4.86	3.96	3.68	0.57	5.03	4.22	4.21	0.61	5.61
		19	5.25	2.37	0.75	8.11	5.22	2.8	0.75	8.04	5.17	3.21	0.74	7.9	5	3.56	0.72	7.48	5.02	3.99	0.72	7.51
		20	5.89	2.34	0.84	9.87	5.86	2.77	0.84	9.8	5.82	3.19	0.84	9.69	5.71	3.56	0.82	9.37	5.64	3.96	0.81	9.16
7	3	15	2.93	2.49	0.84	9.79	2.97	2.93	0.85	9.98	3.32	3.32	0.95	12.0	3.71	3.71	1.07	14.6	4.09	4.09	1.18	17.36
		17	4.05	2.44	1.16	17.0	4.02	2.85	1.15	16.7	3.85	3.21	1.11	15.6	3.87	3.64	1.11	15.7	4.12	4.12	1.18	17.56
		19	5.26	2.38	1.51	26.7	5.23	2.8	1.5	26.5	5.15	3.2	1.48	25.8	4.99	3.56	1.44	24.4	5.02	3.99	1.44	24.7
		20	5.9	2.35	1.7	32.6	5.87	2.77	1.69	32.3	5.82	3.18	1.67	31.9	5.7	3.56	1.64	30.8	5.63	3.95	1.62	30.19
	4	15	2.65	2.37	0.57	5.03	2.82	2.82	0.61	5.58	3.19	3.19	0.69	6.89	3.58	3.58	0.77	8.39	3.97	3.97	0.86	10
		17	3.75	2.31	0.81	9.06	3.72	2.73	0.8	8.96	3.6	3.1	0.78	8.45	3.68	3.55	0.79	8.78	3.99	3.99	0.86	10.07
		19	4.96	2.25	1.07	14.6	4.93	2.67	1.06	14.5	4.88	3.08	1.05	14.2	4.69	3.43	1.01	13.3	4.7	3.85	1.01	13.32
		20	5.6	2.22	1.21	18.0	5.57	2.65	1.2	17.8	5.53	3.06	1.19	17.6	5.4	3.43	1.16	16.9	5.31	3.82	1.14	16.47
	5	15	2.43	2.27	0.42	2.94	2.68	2.68	0.46	3.5	3.06	3.06	0.53	4.38	3.46	3.46	0.6	5.38	3.85	3.85	0.66	6.44
		17	3.43	2.17	0.59	5.3	3.42	2.6	0.59	5.27	3.34	2.99	0.58	5.08	3.52	3.49	0.61	5.55	3.85	3.85	0.66	6.47
		19	4.64	2.12	0.8	8.88	4.62	2.54	0.8	8.81	4.58	2.95	0.79	8.67	4.4	3.31	0.76	8.1	4.36	3.71	0.75	7.98
		20	5.28	2.09	0.91	11.0	5.26	2.51	0.91	10.9	5.23	2.93	0.9	10.8	5.1	3.31	0.88	10.4	4.98	3.68	0.86	10
	6	15	2.24	2.19	0.32	1.51	2.54	2.54	0.36	2.2	2.93	2.93	0.42	2.96	3.33	3.33	0.48	3.69	3.72	3.72	0.53	4.45
		17	3.09	2.03	0.44	3.24	3.09	2.46	0.44	3.24	3.13	2.9	0.45	3.32	3.37	3.37	0.48	3.77	3.72	3.72	0.53	4.46
		19	4.31	1.98	0.62	5.71	4.3	2.41	0.62	5.67	4.26	2.82	0.61	5.6	4.12	3.19	0.59	5.28	4.09	3.6	0.59	5.23
		20	4.96	1.95	0.71	7.24	4.93	2.38	0.71	7.19	4.91	2.8	0.7	7.12	4.81	3.19	0.69	6.88	4.64	3.54	0.67	6.46
9	3	15	2.17	2.16	0.62	5.77	2.51	2.51	0.72	7.39	2.91	2.91	0.84	9.51	3.3	3.3	0.95	11.8	3.69	3.69	1.06	14.31
		17	3.13	2.05	0.9	10.7	3.12	2.47	0.9	10.7	3.07	2.88	0.88	10.4	3.31	3.31	0.95	11.8	3.69	3.69	1.06	14.32
		19	4.34	1.99	1.25	18.8	4.31	2.41	1.24	18.7	4.28	2.83	1.23	18.4	4.08	3.17	1.17	16.9	4.02	3.57	1.16	16.59
		20	4.97	1.96	1.43	23.9	4.95	2.39	1.42	23.7	4.92	2.8	1.41	23.4	4.78	3.18	1.38	22.3	4.64	3.54	1.33	21.2
	4	15	2.01	2.01	0.43	3.1	2.38	2.38	0.51	4.13	2.78	2.78	0.6	5.37	3.18	3.18	0.68	6.73	3.57	3.57	0.77	8.2
		17	2.81	1.91	0.6	5.44	2.81	2.34	0.61	5.45	2.88	2.8	0.62	5.71	3.18	3.18	0.69	6.74	3.57	3.57	0.77	8.21
		19	4.01	1.86	0.87	10.0	3.99	2.29	0.86	9.94	3.97	2.71	0.86	9.83	3.82	3.07	0.82	9.21	3.78	3.47	0.81	9.04
		20	4.65	1.83	1	12.9	4.63	2.26	1	12.8	4.6	2.68	0.99	12.6	4.5	3.07	0.97	12.2	4.31	3.41	0.93	11.31
	5	15	1.86	1.86	0.32	1.59	2.25	2.25	0.39	2.54	2.65	2.65	0.46	3.38	3.05	3.05	0.53	4.28	3.44	3.44	0.59	5.26
		17	2.45	1.77	0.42	2.95	2.53	2.23	0.44	3.11	2.72	2.72	0.47	3.53	3.05	3.05	0.53	4.29	3.44	3.44	0.59	5.26
		19	3.67	1.72	0.63	5.85	3.66	2.15	0.63	5.82	3.64	2.58	0.63	5.77	3.53	2.96	0.61	5.47	3.58	3.4	0.62	5.63
		20	4.31	1.69	0.74	7.71	4.29	2.12	0.74	7.65	4.27	2.55	0.74	7.59	4.2	2.95	0.72	7.36	3.99	3.28	0.69	6.73
	6	15	1.71	1.71	0.25	0.74	2.12	2.12	0.3	1.35	2.52	2.52	0.36	2.21	2.92	2.92	0.42	2.91	3.32	3.32	0.48	3.61
		17	2.09	1.63	0.3	1.31	2.3	2.14	0.33	1.77	2.57	2.57	0.37	2.3	2.92	2.92	0.42	2.91	3.32	3.32	0.48	3.61
		19	3.3	1.58	0.47	3.56	3.29	2.01	0.47	3.56	3.29	2.44	0.47	3.56	3.26	2.85	0.47	3.5	3.42	3.33	0.49	3.79
		20	3.95	1.56	0.57	4.85	3.94	1.99	0.57	4.81	3.93	2.41	0.56	4.79	3.87	2.82	0.56	4.68	3.72	3.18	0.53	4.37
11	3	15	1.69	1.69	0.49	3.73	2.1	2.1	0.6	5.37	2.5	2.5	0.72	7.23	2.9	2.9	0.83	9.3	3.29	3.29	0.95	11.55
		17	2.16	1.66	0.62	5.61	2.24	2.12	0.64	5.99	2.51	2.51	0.72	7.25	2.9	2.9	0.83	9.3	3.29	3.29	0.95	11.57
		19	3.35	1.6	0.96	11.9	3.34	2.03	0.96	11.8	3.32	2.45	0.96	11.7	3.24	2.84	0.93	11.2	3.31	3.29	0.95	11.69
		20	3.99	1.57	1.15	16.1	3.97	2	1.14	15.9	3.95	2.42	1.14	15.8	3.89	2.83	1.12	15.4	3.64	3.15	1.05	13.74
	4	15	1.56	1.56	0.34	1.89	1.97	1.97	0.43	2.95	2.37	2.37	0.51	4.04	2.77	2.77	0.6	5.25	3.16	3.16	0.68	6.58
		17	1.82	1.53	0.39	2.57	2.05	2.05	0.44	3.15	2.38	2.38	0.51	4.05	2.77	2.77	0.6	5.26	3.17	3.17	0.68	6.59
		19	2.99	1.46	0.65	5.98	2.99	1.9	0.65	5.97	2.99	2.33	0.65	5.98	2.99	2.75	0.64	5.97	3.18	3.18	0.69	6.63
		20	3.64	1.44	0.79	8.37	3.62	1.87	0.78	8.28	3.61	2.3	0.78	8.25	3.57	2.71	0.77	8.08	3.41	3.07	0.74	7.47
11	5	15	1.42	1.42	0.25	0.72	1.84	1.84	0.32	1.62	2.24	2.24	0.39	2.5	2.64	2.64	0.46	3.31	3.04	3.04	0.52	4.19
		17	1.57	1.44	0.27	0.97	1.89	1.89	0.33	1.75	2.24	2.24	0.39	2.5	2.65	2.65	0.46	3.31	3.04	3.04	0.52	4.19

		19	2.6	1.32	0.45	3.2	2.61	1.76	0.45	3.24	2.65	2.2	0.46	3.33	2.79	2.67	0.48	3.62	3.05	3.05	0.53	4.21
		20	3.27	1.3	0.56	4.73	3.25	1.73	0.56	4.68	3.25	2.16	0.56	4.7	3.22	2.58	0.56	4.63	3.2	2.99	0.55	4.57
	6	15	1.27	1.27	0.18	0.51	1.7	1.7	0.24	0.72	2.11	2.11	0.3	1.44	2.51	2.51	0.36	2.2	2.91	2.91	0.42	2.85
		17	1.36	1.36	0.2	0.54	1.73	1.73	0.25	0.75	2.11	2.11	0.3	1.44	2.51	2.51	0.36	2.2	2.91	2.91	0.42	2.85
		19	2.16	1.16	0.31	1.56	2.2	1.61	0.32	1.64	2.39	2.1	0.34	1.98	2.62	2.61	0.38	2.37	2.92	2.92	0.42	2.86
		20	2.84	1.15	0.41	2.73	2.83	1.58	0.41	2.71	2.86	2.02	0.41	2.76	2.92	2.47	0.42	2.85	3.03	2.93	0.44	3.04
13	3	15	1.28	1.28	0.37	2.27	1.69	1.69	0.49	3.65	2.09	2.09	0.6	5.25	2.49	2.49	0.72	7.07	2.88	2.88	0.83	9.09
		17	1.33	1.33	0.38	2.42	1.69	1.69	0.49	3.65	2.09	2.09	0.6	5.26	2.49	2.49	0.72	7.08	2.89	2.89	0.83	9.1
		19	2.28	1.2	0.66	6.06	2.3	1.64	0.66	6.16	2.34	2.09	0.67	6.36	2.53	2.53	0.73	7.24	2.89	2.89	0.83	9.11
		20	2.94	1.18	0.85	9.39	2.92	1.61	0.84	9.26	2.92	2.04	0.84	9.31	2.9	2.46	0.83	9.16	2.94	2.89	0.85	9.4
	4	15	1.14	1.14	0.25	0.73	1.56	1.56	0.34	1.9	1.96	1.96	0.42	2.88	2.36	2.36	0.51	3.95	2.76	2.76	0.6	5.14
		17	1.16	1.16	0.25	0.77	1.56	1.56	0.34	1.91	1.96	1.96	0.42	2.89	2.37	2.37	0.51	3.95	2.76	2.76	0.6	5.14
		19	1.87	1.06	0.4	2.66	1.91	1.51	0.41	2.75	2.11	2	0.46	3.26	2.38	2.38	0.51	4.01	2.76	2.76	0.6	5.15
		20	2.54	1.04	0.55	4.45	2.52	1.47	0.54	4.4	2.56	1.91	0.55	4.51	2.61	2.36	0.56	4.68	2.8	2.8	0.6	5.25
	5	15	-	-	-	-	1.42	1.42	0.24	0.73	1.83	1.83	0.32	1.67	2.24	2.24	0.39	2.45	2.63	2.63	0.45	3.24
		17	-	-	-	-	1.42	1.42	0.24	0.73	1.83	1.83	0.32	1.67	2.24	2.24	0.39	2.45	2.63	2.63	0.46	3.24
		19	-	-	-	-	1.62	1.41	0.28	1.18	1.92	1.92	0.33	1.86	2.25	2.25	0.39	2.47	2.64	2.64	0.46	3.24
		20	-	-	-	-	2.1	1.33	0.36	2.2	2.2	1.79	0.38	2.37	2.4	2.28	0.41	2.76	2.66	2.66	0.46	3.28
	6	15	-	-	-	-	1.27	1.27	0.18	0.48	1.69	1.69	0.24	0.74	2.1	2.1	0.3	1.5	2.5	2.5	0.36	2.17
		17	-	-	-	-	1.27	1.27	0.18	0.48	1.69	1.69	0.24	0.74	2.1	2.1	0.3	1.5	2.51	2.51	0.36	2.17
		19	-	-	-	-	1.39	1.33	0.2	0.53	1.75	1.75	0.25	0.82	2.11	2.11	0.3	1.51	2.51	2.51	0.36	2.17
		20	-	-	-	-	1.67	1.18	0.24	0.71	1.93	1.7	0.28	1.16	2.21	2.21	0.32	1.7	2.52	2.52	0.36	2.19
15	3	15	-	-	-	-	1.27	1.27	0.37	2.23	1.68	1.68	0.48	3.57	2.08	2.08	0.6	5.14	2.48	2.48	0.71	6.92
		17	-	-	-	-	1.27	1.27	0.37	2.23	1.68	1.68	0.48	3.57	2.08	2.08	0.6	5.14	2.48	2.48	0.71	6.93
		19	-	-	-	-	1.36	1.31	0.39	2.48	1.69	1.69	0.49	3.6	2.09	2.09	0.6	5.15	2.48	2.48	0.72	6.93
		20	-	-	-	-	1.79	1.22	0.52	3.96	1.88	1.68	0.54	4.33	2.12	2.12	0.61	5.3	2.48	2.48	0.72	6.94
	4	15	-	-	-	-	1.13	1.13	0.25	0.77	1.55	1.55	0.33	1.89	1.96	1.96	0.42	2.82	2.35	2.35	0.51	3.87
		17	-	-	-	-	1.14	1.14	0.25	0.77	1.55	1.55	0.33	1.89	1.96	1.96	0.42	2.82	2.36	2.36	0.51	3.87
		19	-	-	-	-	1.18	1.18	0.25	0.87	1.55	1.55	0.34	1.9	1.96	1.96	0.42	2.83	2.36	2.36	0.51	3.87
		20	-	-	-	-	1.4	1.09	0.3	1.52	1.66	1.61	0.36	2.14	1.98	1.98	0.43	2.88	2.36	2.36	0.51	3.88
	5	15	-	-	-	-	-	-	-	-	1.41	1.41	0.24	0.77	1.82	1.82	0.32	1.68	2.23	2.23	0.38	2.4
		17	-	-	-	-	-	-	-	-	1.41	1.41	0.24	0.77	1.82	1.82	0.32	1.68	2.23	2.23	0.39	2.4
		19	-	-	-	-	-	-	-	-	1.41	1.41	0.24	0.78	1.83	1.83	0.32	1.68	2.23	2.23	0.39	2.41
		20	-	-	-	-	-	-	-	-	1.48	1.48	0.26	0.92	1.84	1.84	0.32	1.7	2.23	2.23	0.39	2.41
	6	15	-	-	-	-	-	-	-	-	1.27	1.27	0.18	0.46	1.69	1.69	0.24	0.78	2.09	2.09	0.3	1.52
		17	-	-	-	-	-	-	-	-	1.27	1.27	0.18	0.46	1.69	1.69	0.24	0.78	2.1	2.1	0.3	1.53
		19	-	-	-	-	-	-	-	-	1.27	1.27	0.18	0.46	1.69	1.69	0.24	0.78	2.1	2.1	0.3	1.53
		20	-	-	-	-	-	-	-	-	1.3	1.3	0.19	0.47	1.69	1.69	0.24	0.79	2.1	2.1	0.3	1.53

MDKT4-500G30																						
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
5	3	15	4.12	3.18	1.18	18.5	3.99	3.6	1.15	17.5	4.14	4.14	1.19	18.7	4.55	4.55	1.31	22.1	4.98	4.98	1.43	25.85

		17	5.35	3.1	1.54	29.2	5.29	3.56	1.52	28.6	5.13	3.97	1.47	27.1	5.13	4.44	1.47	27.1	5.22	4.95	1.5	28.05
		19	6.68	3.02	1.92	43.1	6.64	3.49	1.91	42.6	6.56	3.94	1.89	41.8	6.42	4.36	1.85	40.2	6.47	4.85	1.86	40.74
		20	7.38	2.97	2.13	51.4	7.34	3.45	2.12	50.9	7.29	3.91	2.1	50.2	7.19	4.35	2.07	49.0	7.14	4.81	2.06	48.51
	4	15	3.81	3.03	0.82	9.85	3.73	3.48	0.8	9.53	3.99	3.99	0.86	10.6	4.41	4.41	0.95	12.7	4.84	4.84	1.04	14.89
		17	5.04	2.96	1.08	15.9	4.99	3.42	1.07	15.6	4.82	3.82	1.04	14.7	4.8	4.29	1.03	14.6	4.99	4.85	1.07	15.7
		19	6.36	2.87	1.37	23.8	6.33	3.35	1.36	23.6	6.25	3.8	1.35	23.1	6.1	4.21	1.31	22.1	6.12	4.7	1.32	22.32
		20	7.07	2.83	1.52	28.6	7.03	3.31	1.51	28.3	6.98	3.77	1.5	28	6.87	4.21	1.48	27.2	6.8	4.65	1.46	26.77
	5	15	3.48	2.88	0.6	5.76	3.53	3.39	0.61	5.88	3.84	3.84	0.66	6.81	4.27	4.27	0.74	8.16	4.7	4.7	0.81	9.61
		17	4.71	2.81	0.81	9.63	4.67	3.28	0.8	9.5	4.53	3.7	0.78	9.02	4.53	4.17	0.78	9.03	4.8	4.76	0.83	9.97
		19	6.03	2.73	1.04	14.7	6	3.21	1.03	14.6	5.94	3.66	1.02	14.3	5.76	4.06	0.99	13.6	5.76	4.54	0.99	13.62
		20	6.74	2.69	1.16	17.8	6.7	3.16	1.15	17.6	6.66	3.63	1.15	17.4	6.54	4.06	1.13	16.9	6.44	4.5	1.11	16.51
	6	15	3.17	2.74	0.45	3.58	3.34	3.3	0.48	3.92	3.69	3.69	0.53	4.65	4.13	4.13	0.59	5.62	4.56	4.56	0.65	6.66
		17	4.36	2.66	0.63	6.17	4.34	3.13	0.62	6.11	4.22	3.56	0.61	5.84	4.31	4.08	0.62	6.05	4.63	4.63	0.66	6.83
		19	5.69	2.58	0.82	9.72	5.67	3.06	0.81	9.64	5.62	3.52	0.81	9.49	5.42	3.92	0.78	8.94	5.39	4.38	0.77	8.85
		20	6.4	2.54	0.92	11.8	6.37	3.02	0.91	11.7	6.33	3.49	0.91	11.6	6.2	3.92	0.89	11.2	6.08	4.34	0.87	10.87
7	3	15	3.18	2.75	0.91	11.7	3.28	3.27	0.94	12.3	3.67	3.67	1.06	15.0	4.11	4.11	1.18	18.2	4.54	4.54	1.3	21.65
		17	4.4	2.67	1.26	20.5	4.37	3.15	1.26	20.3	4.22	3.56	1.21	19.1	4.22	4.03	1.21	19.0	4.55	4.55	1.31	21.72
		19	5.72	2.59	1.65	32.4	5.69	3.07	1.64	32.0	5.62	3.53	1.62	31.4	5.42	3.92	1.56	29.5	5.42	4.39	1.56	29.45
		20	6.42	2.55	1.85	39.6	6.38	3.03	1.84	39.2	6.34	3.49	1.83	38.7	6.21	3.92	1.79	37.3	6.09	4.34	1.75	36.17
	4	15	2.88	2.62	0.62	6.04	3.11	3.11	0.67	6.88	3.53	3.53	0.76	8.52	3.97	3.97	0.85	10.4	4.4	4.4	0.95	12.42
		17	4.06	2.53	0.88	10.8	4.04	3.01	0.87	10.7	3.93	3.44	0.85	10.2	4.03	3.95	0.87	10.7	4.4	4.4	0.95	12.44
		19	5.39	2.45	1.16	17.6	5.36	2.93	1.15	17.4	5.31	3.39	1.14	17.1	5.09	3.78	1.1	16	5.05	4.24	1.09	15.78
		20	6.08	2.41	1.31	21.7	6.05	2.89	1.3	21.5	6.01	3.36	1.3	21.3	5.88	3.78	1.27	20.5	5.74	4.2	1.24	19.64
	5	15	2.65	2.52	0.46	3.56	2.96	2.96	0.51	4.3	3.38	3.38	0.58	5.4	3.82	3.82	0.66	6.65	4.26	4.26	0.73	7.98
		17	3.71	2.38	0.64	6.31	3.7	2.86	0.64	6.28	3.66	3.32	0.63	6.17	3.86	3.86	0.67	6.77	4.26	4.26	0.73	7.99
		19	5.04	2.3	0.87	10.6	5.01	2.78	0.86	10.5	4.97	3.25	0.86	10.4	4.8	3.66	0.83	9.8	4.71	4.09	0.81	9.48
		20	5.73	2.26	0.99	13.3	5.71	2.74	0.98	13.1	5.67	3.21	0.98	13.0	5.57	3.65	0.96	12.6	5.37	4.05	0.93	11.89
	6	15	2.44	2.43	0.35	2.21	2.8	2.8	0.4	2.86	3.24	3.24	0.47	3.67	3.68	3.68	0.53	4.55	4.11	4.11	0.59	5.5
		17	3.33	2.22	0.48	3.83	3.34	2.71	0.48	3.85	3.43	3.23	0.49	4.05	3.7	3.7	0.53	4.6	4.12	4.12	0.59	5.5
		19	4.67	2.15	0.67	6.81	4.64	2.63	0.67	6.75	4.62	3.11	0.66	6.68	4.48	3.53	0.64	6.35	4.44	3.98	0.64	6.25
		20	5.37	2.11	0.77	8.65	5.34	2.59	0.77	8.58	5.32	3.07	0.76	8.5	5.23	3.51	0.75	8.27	5	3.9	0.72	7.65
9	3	15	2.38	2.38	0.68	7.02	2.78	2.78	0.8	9.15	3.22	3.22	0.93	11.8	3.66	3.66	1.05	14.7	4.09	4.09	1.18	17.83
		17	3.39	2.25	0.98	12.9	3.38	2.73	0.97	12.8	3.38	3.21	0.97	12.8	3.66	3.66	1.05	14.7	4.09	4.09	1.18	17.85
		19	4.71	2.17	1.35	22.7	4.68	2.65	1.35	22.5	4.65	3.12	1.34	22.2	4.47	3.53	1.29	20.8	4.35	3.95	1.25	19.85
		20	5.4	2.12	1.56	28.9	5.37	2.61	1.55	28.6	5.34	3.08	1.54	28.3	5.23	3.51	1.51	27.3	5.01	3.9	1.44	25.37
	4	15	2.21	2.21	0.48	3.78	2.63	2.63	0.57	5.09	3.08	3.08	0.66	6.64	3.52	3.52	0.76	8.34	3.95	3.95	0.85	10.18
		17	3.03	2.1	0.65	6.45	3.04	2.59	0.65	6.49	3.18	3.13	0.68	7	3.52	3.52	0.76	8.35	3.95	3.95	0.85	10.19
		19	4.35	2.02	0.94	12	4.32	2.5	0.93	11.8	4.3	2.98	0.93	11.7	4.17	3.41	0.9	11.1	4.11	3.85	0.89	10.91
		20	5.04	1.98	1.09	15.5	5.02	2.46	1.08	15.3	4.99	2.94	1.08	15.2	4.91	3.39	1.06	14.8	4.65	3.76	1	13.48
	5	15	2.04	2.04	0.35	2.24	2.48	2.48	0.43	3.15	2.93	2.93	0.51	4.17	3.37	3.37	0.58	5.29	3.81	3.81	0.66	6.51
		17	2.63	1.94	0.45	3.46	2.75	2.47	0.47	3.73	3	3	0.52	4.32	3.38	3.38	0.58	5.29	3.81	3.81	0.66	6.51
		19	3.97	1.87	0.68	6.96	3.95	2.36	0.68	6.91	3.94	2.84	0.68	6.87	3.84	3.28	0.66	6.59	3.92	3.78	0.68	6.82
		20	4.67	1.84	0.81	9.21	4.64	2.32	0.8	9.12	4.62	2.8	0.8	9.05	4.56	3.25	0.79	8.85	4.35	3.64	0.75	8.14
	6	15	1.88	1.88	0.27	1.08	2.33	2.33	0.34	2.02	2.78	2.78	0.4	2.79	3.23	3.23	0.46	3.59	3.67	3.67	0.53	4.45
		17	2.25	1.8	0.32	1.87	2.51	2.38	0.36	2.32	2.83	2.83	0.41	2.86	3.23	3.23	0.46	3.59	3.67	3.67	0.53	4.46
		19	3.55	1.71	0.51	4.2	3.54	2.2	0.51	4.2	3.55	2.69	0.51	4.21	3.56	3.17	0.51	4.23	3.74	3.71	0.54	4.6
		20	4.27	1.68	0.61	5.76	4.25	2.17	0.61	5.7	4.24	2.65	0.61	5.68	4.19	3.11	0.6	5.58	4.06	3.53	0.58	5.28
11	3	15	1.87	1.87	0.54	4.6	2.32	2.32	0.67	6.64	2.77	2.77	0.8	8.96	3.21	3.21	0.92	11.5	3.64	3.64	1.05	14.39
		17	2.32	1.82	0.67	6.62	2.44	2.36	0.7	7.24	2.77	2.77	0.8	8.97	3.21	3.21	0.92	11.5	3.65	3.65	1.05	14.4
		19	3.63	1.74	1.04	14.2	3.61	2.23	1.04	14.1	3.6	2.71	1.04	14.0	3.54	3.16	1.02	13.6	3.65	3.65	1.05	14.45
		20	4.33	1.7	1.25	19.3	4.3	2.18	1.24	19.1	4.28	2.66	1.23	18.9	4.24	3.13	1.22	18.6	4	3.51	1.15	16.9
	4	15	1.72	1.72	0.37	2.44	2.18	2.18	0.47	3.63	2.62	2.62	0.57	4.99	3.07	3.07	0.66	6.5	3.5	3.5	0.76	8.17
		17	1.97	1.69	0.42	3.06	2.25	2.25	0.48	3.82	2.63	2.63	0.57	4.99	3.07	3.07	0.66	6.51	3.51	3.51	0.76	8.17
		19	3.23	1.59	0.7	7.08	3.22	2.08	0.7	7.07	3.23	2.57	0.7	7.1	3.27	3.06	0.71	7.27	3.51	3.51	0.76	8.18
		20	3.94	1.56	0.85	9.99	3.91	2.04	0.84	9.86	3.9	2.52	0.84	9.81	3.87	2.99	0.84	9.7	3.74	3.42	0.81	9.13
11	5	15	1.56	1.56	0.27	1.15	2.03	2.03	0.35	2.18	2.48	2.48	0.43	3.09	2.92	2.92	0.5	4.08	3.36	3.36	0.58	5.18
		17	1.71	1.59	0.29	1.52	2.07	2.07	0.36	2.26	2.48	2.48	0.43	3.09	2.92	2.92	0.5	4.08	3.36	3.36	0.58	5.18
		19	2.79	1.43	0.48	3.77	2.8	1.93	0.48	3.79	2.87	2.44	0.5	3.96	3.06	2.98	0.53	4.41	3.37	3.37	0.58	5.19

		20	3.52	1.41	0.61	5.59	3.49	1.89	0.6	5.52	3.5	2.38	0.6	5.55	3.49	2.85	0.6	5.52	3.52	3.34	0.61	5.61
	6	15	1.4	1.4	0.2	0.55	1.87	1.87	0.27	1.15	2.33	2.33	0.33	2.01	2.78	2.78	0.4	2.74	3.22	3.22	0.46	3.51
		17	1.48	1.48	0.21	0.59	1.89	1.89	0.27	1.21	2.33	2.33	0.33	2.01	2.78	2.78	0.4	2.74	3.22	3.22	0.46	3.52
		19	2.32	1.26	0.33	1.99	2.36	1.77	0.34	2.07	2.59	2.33	0.37	2.43	2.87	2.87	0.41	2.89	3.22	3.22	0.46	3.52
		20	3.05	1.24	0.44	3.21	3.04	1.73	0.44	3.18	3.07	2.22	0.44	3.23	3.17	2.74	0.46	3.42	3.33	3.27	0.48	3.73
13	3	15	1.41	1.41	0.41	2.8	1.86	1.86	0.54	4.5	2.31	2.31	0.67	6.5	2.76	2.76	0.79	8.78	3.2	3.2	0.92	11.32
		17	1.45	1.45	0.42	2.94	1.87	1.87	0.54	4.5	2.31	2.31	0.67	6.51	2.76	2.76	0.79	8.79	3.2	3.2	0.92	11.33
		19	2.45	1.31	0.71	7.18	2.47	1.81	0.71	7.25	2.54	2.32	0.73	7.63	2.78	2.78	0.8	8.9	3.2	3.2	0.92	11.34
		20	3.17	1.28	0.91	11.1	3.14	1.76	0.9	10.9	3.15	2.25	0.91	11.0	3.14	2.73	0.9	10.9	3.26	3.24	0.94	11.72
	4	15	1.25	1.25	0.27	1.22	1.72	1.72	0.37	2.39	2.17	2.17	0.47	3.55	2.62	2.62	0.56	4.88	3.06	3.06	0.66	6.37
		17	1.27	1.27	0.27	1.28	1.72	1.72	0.37	2.39	2.17	2.17	0.47	3.56	2.62	2.62	0.56	4.89	3.06	3.06	0.66	6.37
		19	2.01	1.16	0.43	3.13	2.06	1.66	0.44	3.25	2.3	2.23	0.5	3.93	2.63	2.63	0.57	4.92	3.06	3.06	0.66	6.38
		20	2.73	1.13	0.59	5.24	2.71	1.61	0.59	5.19	2.74	2.11	0.59	5.29	2.85	2.62	0.61	5.64	3.1	3.1	0.67	6.52
	5	15	-	-	-	-	1.56	1.56	0.27	1.22	2.02	2.02	0.35	2.15	2.47	2.47	0.43	3.02	2.91	2.91	0.5	4
		17	-	-	-	-	1.56	1.56	0.27	1.22	2.02	2.02	0.35	2.15	2.47	2.47	0.43	3.02	2.91	2.91	0.5	4
		19	-	-	-	-	1.76	1.56	0.3	1.66	2.1	2.1	0.36	2.3	2.48	2.48	0.43	3.04	2.92	2.92	0.5	4
		20	-	-	-	-	2.25	1.45	0.39	2.58	2.37	1.98	0.41	2.82	2.62	2.54	0.45	3.34	2.94	2.94	0.51	4.07
	6	15	-	-	-	-	1.4	1.4	0.2	0.53	1.86	1.86	0.27	1.22	2.32	2.32	0.33	1.98	2.77	2.77	0.4	2.68
		17	-	-	-	-	1.4	1.4	0.2	0.53	1.87	1.87	0.27	1.22	2.32	2.32	0.33	1.99	2.77	2.77	0.4	2.68
		19	-	-	-	-	1.51	1.47	0.22	0.62	1.92	1.92	0.28	1.32	2.32	2.32	0.33	1.99	2.77	2.77	0.4	2.69
		20	-	-	-	-	1.79	1.3	0.26	1.09	2.09	1.89	0.3	1.63	2.42	2.42	0.35	2.13	2.79	2.79	0.4	2.71
15	3	15	-	-	-	-	1.41	1.41	0.4	2.74	1.86	1.86	0.54	4.41	2.31	2.31	0.66	6.37	2.75	2.75	0.79	8.6
		17	-	-	-	-	1.41	1.41	0.4	2.75	1.86	1.86	0.54	4.41	2.31	2.31	0.66	6.37	2.75	2.75	0.79	8.61
		19	-	-	-	-	1.48	1.46	0.43	2.98	1.86	1.86	0.54	4.43	2.31	2.31	0.66	6.38	2.75	2.75	0.79	8.62
		20	-	-	-	-	1.92	1.34	0.55	4.67	2.04	1.87	0.59	5.18	2.34	2.34	0.67	6.51	2.75	2.75	0.79	8.62
	4	15	-	-	-	-	1.25	1.25	0.27	1.28	1.71	1.71	0.37	2.34	2.16	2.16	0.47	3.48	2.61	2.61	0.56	4.78
		17	-	-	-	-	1.25	1.25	0.27	1.28	1.71	1.71	0.37	2.35	2.16	2.16	0.47	3.48	2.61	2.61	0.56	4.79
		19	-	-	-	-	1.29	1.29	0.28	1.37	1.71	1.71	0.37	2.35	2.16	2.16	0.47	3.49	2.61	2.61	0.56	4.79
		20	-	-	-	-	1.51	1.21	0.33	1.88	1.81	1.79	0.39	2.58	2.18	2.18	0.47	3.53	2.61	2.61	0.56	4.79
	5	15	-	-	-	-	-	-	-	-	1.56	1.56	0.27	1.27	2.01	2.01	0.35	2.11	2.46	2.46	0.43	2.96
		17	-	-	-	-	-	-	-	-	1.56	1.56	0.27	1.27	2.01	2.01	0.35	2.11	2.46	2.46	0.43	2.96
		19	-	-	-	-	-	-	-	-	1.56	1.56	0.27	1.28	2.02	2.02	0.35	2.11	2.46	2.46	0.43	2.97
		20	-	-	-	-	-	-	-	-	1.61	1.61	0.28	1.4	2.02	2.02	0.35	2.12	2.46	2.46	0.43	2.97
	6	15	-	-	-	-	-	-	-	-	1.39	1.39	0.2	0.52	1.86	1.86	0.27	1.27	2.31	2.31	0.33	1.95
		17	-	-	-	-	-	-	-	-	1.39	1.39	0.2	0.52	1.86	1.86	0.27	1.27	2.31	2.31	0.33	1.95
		19	-	-	-	-	-	-	-	-	1.39	1.39	0.2	0.52	1.86	1.86	0.27	1.27	2.32	2.32	0.33	1.95
		20	-	-	-	-	-	-	-	-	1.43	1.43	0.21	0.55	1.86	1.86	0.27	1.27	2.32	2.32	0.33	1.95

MDKT4-600G30																						
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
5	3	15	5.31	4.06	1.52	29.2	5.13	4.58	1.47	27.5	5.31	5.27	1.52	29.2	5.81	5.81	1.67	34.1	6.35	6.35	1.83	39.91
		17	6.89	3.98	1.98	46.1	6.8	4.55	1.96	45.0	6.61	5.07	1.9	42.8	6.63	5.67	1.91	43.0	6.73	6.31	1.94	44.21

		19	8.59	3.88	2.48	68.0	8.54	4.48	2.46	67.3	8.44	5.05	2.43	65.9	8.28	5.58	2.39	63.7	8.35	6.21	2.41	64.67
		20	9.49	3.84	2.74	81.2	9.44	4.43	2.73	80.3	9.37	5.02	2.71	79.3	9.25	5.57	2.67	77.4	9.22	6.16	2.66	77.04
	4	15	4.93	3.88	1.06	15.5	4.81	4.44	1.03	14.9	5.11	5.11	1.1	16.5	5.63	5.63	1.21	19.5	6.18	6.18	1.33	22.94
		17	6.51	3.8	1.4	25.1	6.44	4.38	1.39	24.6	6.22	4.89	1.34	23.2	6.22	5.48	1.34	23.2	6.43	6.17	1.38	24.57
		19	8.21	3.71	1.77	37.6	8.16	4.31	1.76	37.2	8.06	4.87	1.74	36.4	7.87	5.39	1.7	34.9	7.93	6.01	1.71	35.4
		20	9.11	3.66	1.96	45.1	9.06	4.26	1.95	44.6	8.99	4.84	1.94	44.0	8.85	5.39	1.91	42.9	8.79	5.96	1.9	42.42
	5	15	4.53	3.7	0.78	9.12	4.54	4.31	0.78	9.17	4.92	4.92	0.85	10.5	5.46	5.46	0.94	12.5	6	6	1.03	14.8
		17	6.11	3.62	1.05	15.2	6.05	4.21	1.04	14.9	5.85	4.72	1.01	14.1	5.87	5.33	1.01	14.2	6.18	6.06	1.06	15.54
		19	7.81	3.53	1.34	23.2	7.76	4.13	1.34	23.0	7.67	4.7	1.32	22.6	7.46	5.21	1.28	21.5	7.49	5.82	1.29	21.66
		20	8.71	3.48	1.5	28.1	8.66	4.08	1.49	27.8	8.6	4.67	1.48	27.5	8.45	5.21	1.45	26.6	8.36	5.77	1.44	26.19
	6	15	4.12	3.52	0.59	5.68	4.3	4.21	0.62	6.1	4.74	4.74	0.68	7.19	5.28	5.28	0.76	8.66	5.83	5.83	0.84	10.25
		17	5.68	3.43	0.81	9.8	5.64	4.02	0.81	9.67	5.48	4.56	0.78	9.2	5.58	5.2	0.8	9.5	5.96	5.96	0.85	10.63
		19	7.39	3.34	1.06	15.3	7.35	3.95	1.05	15.2	7.28	4.53	1.04	14.9	7.04	5.02	1.01	14.1	7.03	5.62	1.01	14.12
		20	8.29	3.3	1.19	18.7	8.25	3.9	1.18	18.5	8.19	4.49	1.17	18.3	8.03	5.03	1.15	17.7	7.91	5.57	1.13	17.28
7	3	15	4.12	3.52	1.18	18.5	4.19	4.16	1.2	19.1	4.68	4.68	1.35	23.1	5.24	5.24	1.5	28.1	5.78	5.78	1.66	33.4
		17	5.68	3.43	1.63	32.4	5.64	4.02	1.62	31.9	5.42	4.54	1.56	29.8	5.43	5.13	1.56	29.9	5.81	5.81	1.67	33.68
		19	7.37	3.34	2.13	51.1	7.33	3.94	2.11	50.6	7.24	4.51	2.09	49.5	6.99	5.01	2.01	46.6	7.01	5.61	2.02	46.83
		20	8.27	3.29	2.39	62.6	8.22	3.89	2.37	62.0	8.16	4.48	2.35	61.2	7.99	5.01	2.31	58.9	7.87	5.56	2.27	57.43
	4	15	3.74	3.35	0.8	9.51	3.99	3.99	0.86	10.6	4.51	4.51	0.97	13.1	5.06	5.06	1.09	16.0	5.61	5.61	1.21	19.13
		17	5.27	3.25	1.13	17.1	5.24	3.85	1.13	16.9	5.07	4.38	1.09	16.0	5.18	5.03	1.12	16.6	5.62	5.62	1.21	19.22
		19	6.96	3.16	1.5	27.8	6.92	3.76	1.49	27.5	6.85	4.34	1.48	27.0	6.58	4.83	1.42	25.2	6.56	5.42	1.41	25.11
		20	7.86	3.11	1.69	34.3	7.82	3.72	1.68	34.0	7.76	4.31	1.67	33.6	7.58	4.84	1.63	32.3	7.43	5.37	1.6	31.16
	5	15	3.43	3.22	0.59	5.6	3.8	3.8	0.65	6.65	4.33	4.33	0.75	8.33	4.89	4.89	0.84	10.2	5.44	5.44	0.94	12.29
		17	4.83	3.06	0.83	10.0	4.81	3.67	0.83	9.96	4.72	4.24	0.81	9.65	4.97	4.94	0.85	10.5	5.44	5.44	0.94	12.33
		19	6.53	2.98	1.13	16.8	6.5	3.58	1.12	16.7	6.44	4.17	1.11	16.4	6.2	4.67	1.07	15.4	6.12	5.23	1.05	15.04
		20	7.43	2.93	1.28	21.0	7.39	3.54	1.27	20.8	7.34	4.13	1.27	20.6	7.19	4.67	1.24	19.8	6.98	5.18	1.2	18.88
	6	15	3.17	3.11	0.45	3.57	3.6	3.6	0.52	4.45	4.15	4.15	0.6	5.66	4.71	4.71	0.68	7.01	5.26	5.26	0.75	8.47
		17	4.36	2.87	0.63	6.13	4.36	3.48	0.63	6.13	4.43	4.12	0.64	6.32	4.76	4.76	0.68	7.15	5.27	5.27	0.76	8.48
		19	6.08	2.79	0.87	10.8	6.05	3.4	0.87	10.7	6	3.99	0.86	10.6	5.81	4.51	0.83	10.0	5.76	5.09	0.83	9.87
		20	6.98	2.75	1	13.7	6.94	3.35	1	13.6	6.9	3.95	0.99	13.4	6.78	4.51	0.97	13.0	6.51	4.99	0.93	12.18
9	3	15	3.06	3.06	0.88	10.9	3.55	3.55	1.02	14.1	4.11	4.11	1.18	18.2	4.66	4.66	1.34	22.6	5.21	5.21	1.5	27.5
		17	4.4	2.88	1.26	20.4	4.38	3.49	1.26	20.3	4.33	4.07	1.25	19.9	4.67	4.67	1.34	22.6	5.22	5.22	1.5	27.53
		19	6.08	2.79	1.75	35.9	6.05	3.4	1.74	35.6	6	3.99	1.73	35.1	5.75	4.49	1.65	32.5	5.63	5.04	1.62	31.42
		20	6.97	2.74	2.01	45.7	6.93	3.35	2	45.3	6.89	3.94	1.99	44.8	6.72	4.48	1.94	42.9	6.48	4.98	1.87	40.23
	4	15	2.84	2.84	0.61	5.88	3.37	3.37	0.73	7.85	3.93	3.93	0.85	10.2	4.49	4.49	0.97	12.8	5.04	5.04	1.09	15.68
		17	3.95	2.7	0.85	10.2	3.95	3.31	0.85	10.2	4.07	3.97	0.88	10.8	4.49	4.49	0.97	12.8	5.04	5.04	1.09	15.7
		19	5.64	2.62	1.22	19.0	5.61	3.22	1.21	18.8	5.57	3.82	1.2	18.6	5.38	4.34	1.16	17.5	5.31	4.91	1.14	17.13
		20	6.53	2.57	1.41	24.5	6.5	3.17	1.4	24.3	6.46	3.77	1.39	24.0	6.34	4.33	1.37	23.2	6.03	4.81	1.3	21.38
	5	15	2.64	2.64	0.45	3.53	3.19	3.19	0.55	4.86	3.75	3.75	0.65	6.43	4.31	4.31	0.74	8.15	4.87	4.87	0.84	10.02
		17	3.45	2.5	0.59	5.57	3.57	3.16	0.61	5.88	3.85	3.85	0.66	6.71	4.32	4.32	0.74	8.16	4.87	4.87	0.84	10.03
		19	5.17	2.43	0.89	11.0	5.14	3.04	0.89	11	5.12	3.64	0.88	10.9	4.97	4.18	0.86	10.3	5.05	4.81	0.87	10.66
		20	6.07	2.38	1.05	14.6	6.04	2.99	1.04	14.4	6.01	3.59	1.04	14.3	5.91	4.16	1.02	13.9	5.62	4.65	0.97	12.8
	6	15	2.43	2.43	0.35	2.18	3	3	0.43	3.21	3.57	3.57	0.51	4.31	4.14	4.14	0.59	5.53	4.69	4.69	0.67	6.86
		17	2.96	2.31	0.42	3.13	3.26	3.04	0.47	3.69	3.64	3.64	0.52	4.45	4.14	4.14	0.59	5.54	4.69	4.69	0.67	6.87
		19	4.65	2.23	0.67	6.74	4.64	2.84	0.67	6.72	4.64	3.45	0.67	6.72	4.61	4.04	0.66	6.65	4.82	4.72	0.69	7.18
		20	5.58	2.19	0.8	9.2	5.54	2.8	0.8	9.11	5.53	3.41	0.79	9.06	5.45	3.98	0.78	8.86	5.25	4.51	0.75	8.3
11	3	15	2.4	2.4	0.69	7.09	2.97	2.97	0.85	10.2	3.53	3.53	1.02	13.8	4.09	4.09	1.18	17.8	4.64	4.64	1.34	22.19
		17	3.03	2.34	0.87	10.5	3.15	3	0.91	11.3	3.54	3.54	1.02	13.8	4.09	4.09	1.18	17.8	4.65	4.65	1.34	22.21
		19	4.7	2.25	1.35	22.6	4.68	2.86	1.35	22.4	4.66	3.46	1.34	22.3	4.56	4.02	1.31	21.5	4.67	4.66	1.34	22.37
		20	5.6	2.2	1.61	30.7	5.56	2.81	1.6	30.3	5.53	3.41	1.59	30.0	5.47	3.99	1.57	29.4	5.13	4.46	1.48	26.42
	4	15	2.21	2.21	0.48	3.77	2.79	2.79	0.6	5.6	3.36	3.36	0.72	7.69	3.92	3.92	0.84	10.0	4.47	4.47	0.96	12.58
		17	2.57	2.16	0.55	4.87	2.9	2.9	0.62	5.98	3.36	3.36	0.72	7.7	3.92	3.92	0.84	10.0	4.47	4.47	0.96	12.59
		19	4.21	2.06	0.91	11.3	4.2	2.68	0.91	11.2	4.2	3.29	0.91	11.3	4.22	3.89	0.91	11.3	4.48	4.48	0.97	12.64
		20	5.12	2.02	1.1	15.8	5.09	2.63	1.1	15.6	5.07	3.24	1.09	15.6	5.02	3.82	1.08	15.3	4.81	4.34	1.04	14.25
	5	15	2.01	2.01	0.35	2.17	2.6	2.6	0.45	3.4	3.18	3.18	0.55	4.76	3.74	3.74	0.64	6.29	4.3	4.3	0.74	7.98
11		17	2.23	2.04	0.38	2.61	2.67	2.67	0.46	3.55	3.18	3.18	0.55	4.76	3.74	3.74	0.65	6.3	4.3	4.3	0.74	7.98
		19	3.66	1.86	0.63	6.05	3.68	2.48	0.63	6.1	3.74	3.11	0.65	6.29	3.94	3.79	0.68	6.88	4.31	4.31	0.74	8
		20	4.6	1.83	0.79	8.96	4.57	2.44	0.79	8.85	4.57	3.05	0.79	8.86	4.54	3.65	0.78	8.75	4.53	4.24	0.78	8.73

	6	15	1.81	1.81	0.26	0.95	2.41	2.41	0.35	2.15	2.99	2.99	0.43	3.14	3.56	3.56	0.51	4.22	4.12	4.12	0.59	5.42
		17	1.94	1.93	0.28	1.22	2.45	2.45	0.35	2.22	2.99	2.99	0.43	3.14	3.56	3.56	0.51	4.23	4.12	4.12	0.59	5.42
		19	3.06	1.64	0.44	3.27	3.11	2.28	0.45	3.35	3.37	2.98	0.48	3.85	3.7	3.7	0.53	4.51	4.13	4.13	0.59	5.43
		20	4.02	1.62	0.58	5.19	4	2.23	0.57	5.13	4.03	2.86	0.58	5.21	4.12	3.49	0.59	5.41	4.29	4.15	0.62	5.79
13	3	15	1.81	1.81	0.52	4.33	2.39	2.39	0.69	6.94	2.96	2.96	0.85	10.0	3.52	3.52	1.01	13.5	4.07	4.07	1.17	17.44
		17	1.87	1.87	0.54	4.6	2.39	2.39	0.69	6.95	2.96	2.96	0.85	10.0	3.52	3.52	1.01	13.5	4.08	4.08	1.17	17.45
		19	3.2	1.69	0.92	11.4	3.22	2.32	0.93	11.6	3.29	2.95	0.95	12.0	3.56	3.56	1.03	13.8	4.08	4.08	1.17	17.47
		20	4.13	1.66	1.19	17.8	4.09	2.27	1.18	17.5	4.1	2.88	1.18	17.6	4.07	3.47	1.17	17.3	4.16	4.11	1.2	18.1
	4	15	1.61	1.61	0.35	2.17	2.2	2.2	0.47	3.69	2.78	2.78	0.6	5.48	3.34	3.34	0.72	7.52	3.9	3.9	0.84	9.81
		17	1.65	1.65	0.36	2.25	2.2	2.2	0.48	3.7	2.78	2.78	0.6	5.48	3.35	3.35	0.72	7.53	3.9	3.9	0.84	9.82
		19	2.64	1.5	0.57	5.03	2.69	2.13	0.58	5.19	2.98	2.84	0.64	6.17	3.37	3.37	0.73	7.62	3.91	3.91	0.84	9.83
		20	3.02	1.28	0.47	3.58	3.55	2.08	0.77	8.31	3.59	2.7	0.77	8.49	3.68	3.34	0.79	8.86	3.96	3.96	0.85	10.06
	5	15	-	-	-	-	2.01	2.01	0.35	2.15	2.59	2.59	0.45	3.32	3.16	3.16	0.55	4.66	3.73	3.73	0.64	6.16
		17	-	-	-	-	2.01	2.01	0.35	2.15	2.59	2.59	0.45	3.33	3.17	3.17	0.55	4.66	3.73	3.73	0.64	6.16
		19	-	-	-	-	2.3	1.99	0.4	2.71	2.72	2.72	0.47	3.6	3.18	3.18	0.55	4.7	3.73	3.73	0.64	6.17
		20	-	-	-	-	2.97	1.88	0.51	4.18	3.1	2.53	0.53	4.49	3.39	3.24	0.58	5.23	3.76	3.76	0.65	6.27
	6	15	-	-	-	-	1.8	1.8	0.26	1.02	2.4	2.4	0.35	2.12	2.98	2.98	0.43	3.08	3.55	3.55	0.51	4.13
		17	-	-	-	-	1.8	1.8	0.26	1.02	2.4	2.4	0.35	2.13	2.98	2.98	0.43	3.08	3.55	3.55	0.51	4.14
		19	-	-	-	-	1.98	1.88	0.28	1.39	2.48	2.48	0.36	2.25	2.99	2.99	0.43	3.09	3.55	3.55	0.51	4.14
		20	-	-	-	-	2.37	1.68	0.34	2.07	2.73	2.41	0.39	2.65	3.13	3.13	0.45	3.35	3.57	3.57	0.51	4.18
15	3	15	-	-	-	-	1.8	1.8	0.52	4.23	2.38	2.38	0.68	6.8	2.94	2.94	0.85	9.81	3.5	3.5	1.01	13.25
		17	-	-	-	-	1.8	1.8	0.52	4.24	2.38	2.38	0.68	6.8	2.95	2.95	0.85	9.82	3.51	3.51	1.01	13.26
		19	-	-	-	-	1.91	1.86	0.55	4.69	2.39	2.39	0.69	6.85	2.95	2.95	0.85	9.83	3.51	3.51	1.01	13.28
		20	-	-	-	-	2.51	1.72	0.72	7.47	2.65	2.38	0.76	8.18	2.99	2.99	0.86	10.1	3.51	3.51	1.01	13.28
	4	15	-	-	-	-	1.61	1.61	0.35	2.14	2.19	2.19	0.47	3.62	2.77	2.77	0.6	5.37	3.33	3.33	0.72	7.37
		17	-	-	-	-	1.61	1.61	0.35	2.14	2.2	2.2	0.47	3.62	2.77	2.77	0.6	5.37	3.33	3.33	0.72	7.38
		19	-	-	-	-	1.67	1.67	0.36	2.27	2.2	2.2	0.47	3.63	2.77	2.77	0.6	5.38	3.33	3.33	0.72	7.38
		20	-	-	-	-	1.98	1.55	0.43	3.03	2.35	2.28	0.51	4.06	2.8	2.8	0.6	5.46	3.33	3.33	0.72	7.39
	5	15	-	-	-	-	-	-	-	-	2	2	0.35	2.11	2.58	2.58	0.45	3.26	3.15	3.15	0.54	4.56
		17	-	-	-	-	-	-	-	-	2	2	0.35	2.11	2.58	2.58	0.45	3.26	3.15	3.15	0.54	4.57
		19	-	-	-	-	-	-	-	-	2.01	2.01	0.35	2.12	2.59	2.59	0.45	3.26	3.15	3.15	0.54	4.57
		20	-	-	-	-	-	-	-	-	2.1	2.1	0.36	2.28	2.6	2.6	0.45	3.29	3.16	3.16	0.55	4.57
	6	15	-	-	-	-	-	-	-	-	1.8	1.8	0.26	1.09	2.39	2.39	0.34	2.09	2.97	2.97	0.43	3.01
		17	-	-	-	-	-	-	-	-	1.8	1.8	0.26	1.09	2.39	2.39	0.34	2.09	2.97	2.97	0.43	3.02
		19	-	-	-	-	-	-	-	-	1.8	1.8	0.26	1.09	2.39	2.39	0.34	2.09	2.97	2.97	0.43	3.02
		20	-	-	-	-	-	-	-	-	1.85	1.85	0.27	1.2	2.4	2.4	0.35	2.1	2.97	2.97	0.43	3.02

MDKT4-800G30																						
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
5	3	15	7.56	5.81	2.17	23.3	7.31	6.57	2.1	21.9	7.6	7.57	2.18	23.4	8.33	8.33	2.39	27.5	9.12	9.12	2.62	32.14
		17	9.84	5.69	2.82	36.6	9.72	6.52	2.79	35.9	9.44	7.27	2.71	34.1	9.46	8.14	2.72	34.2	9.62	9.07	2.76	35.23
		19	12.2	5.55	3.53	53.8	12.2	6.42	3.51	53.3	12.0	7.23	3.47	52.2	11.8	8	3.4	50.5	11.9	8.91	3.43	51.24

		20	13.5	5.48	3.9	64.1	13.5	6.35	3.88	63.5	13.4	7.19	3.85	62.7	13.2	7.98	3.8	61.3	13.1	8.83	3.79	60.91
	4	15	6.99	5.55	1.5	12.3	6.84	6.36	1.47	11.9	7.3	7.3	1.57	13.3	8.07	8.07	1.74	15.8	8.86	8.86	1.91	18.58
		17	9.25	5.42	1.99	20.0	9.16	6.27	1.97	19.6	8.85	7	1.9	18.5	8.83	7.86	1.9	18.4	9.17	8.86	1.97	19.71
		19	11.6	5.28	2.52	29.9	11.6	6.15	2.5	29.6	11.4	6.97	2.47	29.0	11.2	7.72	2.41	27.8	11.2	8.62	2.43	28.17
		20	12.9	5.21	2.8	35.8	12.9	6.08	2.78	35.5	12.8	6.92	2.76	35.1	12.6	7.71	2.72	34.1	12.5	8.54	2.7	33.74
	5	15	6.38	5.27	1.1	7.25	6.45	6.18	1.11	7.38	7.02	7.02	1.21	8.53	7.81	7.81	1.34	10.2	8.59	8.59	1.48	12.02
		17	8.64	5.14	1.49	12.1	8.57	6	1.48	11.9	8.3	6.76	1.43	11.3	8.32	7.63	1.43	11.3	8.8	8.7	1.52	12.52
		19	11.0	5.01	1.91	18.5	11.0	5.88	1.9	18.3	10.9	6.71	1.88	18.0	10.5	7.45	1.82	17.1	10.6	8.32	1.83	17.23
		20	12.3	4.93	2.13	22.3	12.3	5.81	2.12	22.1	12.2	6.66	2.11	21.9	12.0	7.44	2.07	21.2	11.8	8.25	2.04	20.84
	6	15	5.79	5.01	0.83	4.28	6.1	6.02	0.87	4.79	6.75	6.75	0.97	5.81	7.54	7.54	1.08	7.04	8.33	8.33	1.2	8.33
		17	8	4.86	1.15	7.77	7.95	5.73	1.14	7.69	7.73	6.51	1.11	7.34	7.9	7.45	1.13	7.62	8.48	8.48	1.22	8.58
		19	10.4	4.74	1.5	12.2	10.4	5.6	1.49	12.1	10.3	6.45	1.48	11.9	9.95	7.17	1.43	11.2	9.93	8.02	1.42	11.2
		20	11.7	4.66	1.68	14.9	11.6	5.54	1.68	14.7	11.6	6.39	1.67	14.6	11.3	7.17	1.63	14.1	11.1	7.95	1.61	13.74
7	3	15	5.85	5.04	1.68	14.7	5.99	5.97	1.72	15.3	6.72	6.72	1.93	18.7	7.51	7.51	2.16	22.6	8.3	8.3	2.38	26.93
		17	8.09	4.9	2.32	25.7	8.04	5.77	2.31	25.4	7.73	6.51	2.22	23.8	7.75	7.38	2.23	23.9	8.33	8.33	2.39	27.08
		19	10.5	4.77	3.03	40.5	10.4	5.63	3.01	40.2	10.3	6.46	2.97	39.3	9.99	7.18	2.87	37.0	10	8.05	2.87	37.14
		20	11.8	4.69	3.4	49.5	11.7	5.57	3.38	49.1	11.6	6.41	3.35	48.5	11.4	7.19	3.28	46.7	11.2	7.97	3.23	45.5
	4	15	5.29	4.79	1.14	7.6	5.69	5.69	1.23	8.62	6.45	6.45	1.39	10.6	7.25	7.25	1.56	13	8.04	8.04	1.73	15.5
		17	7.46	4.63	1.61	13.6	7.43	5.5	1.6	13.5	7.2	6.28	1.55	12.8	7.39	7.22	1.59	13.4	8.05	8.05	1.73	15.55
		19	9.9	4.5	2.13	22.1	9.85	5.37	2.12	21.9	9.75	6.21	2.1	21.5	9.37	6.92	2.02	20.1	9.32	7.76	2.01	19.95
		20	11.1	4.42	2.41	27.2	11.1	5.3	2.4	27.0	11.0	6.15	2.38	26.7	10.8	6.93	2.33	25.7	10.5	7.69	2.28	24.77
	5	15	4.84	4.6	0.83	4.38	5.41	5.41	0.93	5.38	6.19	6.19	1.07	6.77	6.99	6.99	1.2	8.32	7.78	7.78	1.34	9.98
		17	6.8	4.35	1.17	7.95	6.79	5.23	1.17	7.91	6.69	6.07	1.15	7.73	7.07	7.07	1.22	8.49	7.79	7.79	1.34	10
		19	9.24	4.23	1.59	13.3	9.2	5.1	1.59	13.2	9.13	5.95	1.57	13.0	8.8	6.69	1.52	12.3	8.66	7.49	1.49	11.97
		20	10.5	4.15	1.81	16.7	10.4	5.03	1.81	16.5	10.4	5.89	1.8	16.4	10.2	6.68	1.76	15.8	9.89	7.41	1.7	15
	6	15	4.46	4.44	0.64	2.02	5.11	5.11	0.73	3.19	5.91	5.91	0.85	4.53	6.72	6.72	0.97	5.69	7.52	7.52	1.08	6.89
		17	6.1	4.06	0.88	4.79	6.11	4.95	0.88	4.81	6.27	5.89	0.9	5.04	6.77	6.77	0.97	5.77	7.52	7.52	1.08	6.89
		19	8.56	3.94	1.23	8.56	8.52	4.82	1.22	8.5	8.47	5.68	1.22	8.42	8.21	6.45	1.18	7.98	8.14	7.28	1.17	7.88
		20	9.85	3.87	1.41	10.8	9.8	4.75	1.41	10.7	9.76	5.62	1.4	10.7	9.59	6.43	1.38	10.4	9.19	7.13	1.32	9.66
9	3	15	4.36	4.36	1.25	8.81	5.08	5.08	1.46	11.4	5.89	5.89	1.69	14.7	6.69	6.69	1.92	18.3	7.48	7.48	2.15	22.2
		17	6.24	4.12	1.79	16.2	6.22	5	1.79	16.1	6.19	5.86	1.78	16.0	6.7	6.7	1.92	18.3	7.49	7.49	2.15	22.22
		19	8.66	3.99	2.49	28.5	8.61	4.86	2.48	28.2	8.56	5.72	2.46	27.9	8.21	6.45	2.36	26.0	8.02	7.23	2.31	24.98
		20	9.94	3.91	2.86	36.2	9.89	4.79	2.84	35.9	9.83	5.65	2.83	35.5	9.6	6.43	2.76	34.1	9.24	7.15	2.66	31.93
	4	15	4.04	4.04	0.87	4.72	4.81	4.81	1.04	6.38	5.63	5.63	1.21	8.31	6.43	6.43	1.39	10.4	7.22	7.22	1.56	12.71
		17	5.56	3.84	1.2	8.14	5.58	4.73	1.2	8.18	5.81	5.7	1.25	8.76	6.43	6.43	1.39	10.4	7.23	7.23	1.56	12.72
		19	7.99	3.71	1.72	15.0	7.95	4.59	1.71	14.9	7.91	5.46	1.7	14.8	7.65	6.22	1.65	14	7.55	7.04	1.63	13.71
		20	9.27	3.64	2	19.4	9.22	4.52	1.99	19.3	9.18	5.39	1.98	19.1	9.02	6.2	1.94	18.5	8.56	6.89	1.85	16.99
	5	15	3.73	3.73	0.64	2.18	4.54	4.54	0.78	3.84	5.36	5.36	0.92	5.22	6.16	6.16	1.06	6.62	6.96	6.96	1.2	8.14
		17	4.82	3.55	0.83	4.33	5.03	4.51	0.87	4.67	5.48	5.48	0.94	5.42	6.17	6.17	1.06	6.63	6.97	6.97	1.2	8.15
		19	7.28	3.43	1.25	8.76	7.25	4.32	1.25	8.7	7.23	5.19	1.25	8.67	7.03	5.98	1.21	8.27	7.18	6.9	1.24	8.56
		20	8.57	3.37	1.48	11.5	8.53	4.25	1.47	11.4	8.49	5.12	1.47	11.4	8.37	5.95	1.44	11.1	7.95	6.65	1.37	10.19
	6	15	3.43	3.43	0.49	1.16	4.26	4.26	0.61	1.86	5.08	5.08	0.73	3.28	5.9	5.9	0.85	4.47	6.7	6.7	0.96	5.58
		17	4.11	3.28	0.59	1.67	4.58	4.34	0.66	2.42	5.16	5.16	0.74	3.41	5.9	5.9	0.85	4.48	6.7	6.7	0.96	5.58
		19	6.5	3.14	0.93	5.29	6.5	4.03	0.93	5.29	6.51	4.91	0.94	5.3	6.52	5.78	0.94	5.3	6.84	6.77	0.98	5.78
		20	7.83	3.08	1.12	7.24	7.79	3.96	1.12	7.18	7.77	4.84	1.12	7.16	7.68	5.68	1.1	7.02	7.43	6.45	1.07	6.63
11	3	15	3.42	3.42	0.98	5.76	4.25	4.25	1.22	8.3	5.06	5.06	1.46	11.1	5.87	5.87	1.69	14.4	6.66	6.66	1.92	17.92
		17	4.27	3.34	1.23	8.36	4.48	4.3	1.29	9.09	5.07	5.07	1.46	11.2	5.87	5.87	1.69	14.4	6.67	6.67	1.92	17.94
		19	6.67	3.2	1.92	17.9	6.64	4.08	1.91	17.8	6.62	4.96	1.91	17.7	6.49	5.77	1.87	17.1	6.68	6.68	1.92	18.02
		20	7.96	3.13	2.29	24.3	7.91	4.01	2.28	24.0	7.87	4.88	2.27	23.8	7.79	5.73	2.24	23.4	7.33	6.41	2.11	21.1
	4	15	3.14	3.14	0.68	2.74	3.98	3.98	0.86	4.54	4.8	4.8	1.03	6.24	5.61	5.61	1.21	8.13	6.41	6.41	1.38	10.2
		17	3.6	3.09	0.78	3.8	4.11	4.11	0.89	4.8	4.8	4.8	1.03	6.25	5.61	5.61	1.21	8.14	6.41	6.41	1.38	10.21
		19	5.93	2.92	1.28	8.93	5.92	3.81	1.28	8.92	5.94	4.7	1.28	8.96	5.99	5.59	1.29	9.1	6.42	6.42	1.38	10.23
		20	7.24	2.86	1.56	12.5	7.19	3.74	1.55	12.4	7.17	4.62	1.55	12.3	7.12	5.47	1.54	12.2	6.85	6.24	1.48	11.39
	5	15	2.85	2.85	0.49	1.11	3.7	3.7	0.64	2.29	4.52	4.52	0.78	3.83	5.34	5.34	0.92	5.11	6.14	6.14	1.06	6.48
		17	3.12	2.9	0.54	1.3	3.77	3.77	0.65	2.46	4.53	4.53	0.78	3.83	5.34	5.34	0.92	5.12	6.15	6.15	1.06	6.49
		19	5.12	2.62	0.88	4.75	5.14	3.52	0.89	4.78	5.26	4.45	0.91	4.98	5.6	5.44	0.97	5.54	6.15	6.15	1.06	6.49
		20	6.45	2.58	1.11	7.03	6.41	3.46	1.11	6.96	6.43	4.35	1.11	7	6.41	5.21	1.11	6.95	6.44	6.08	1.11	7.01
	6	15	2.55	2.55	0.37	0.81	3.41	3.41	0.49	1.1	4.25	4.25	0.61	2.01	5.07	5.07	0.73	3.33	5.88	5.88	0.85	4.4

		17	2.7	2.7	0.39	0.86	3.45	3.45	0.5	1.12	4.25	4.25	0.61	2.01	5.07	5.07	0.73	3.33	5.88	5.88	0.85	4.4
		19	4.23	2.3	0.61	2	4.32	3.23	0.62	2.16	4.74	4.26	0.68	2.84	5.24	5.24	0.75	3.57	5.88	5.88	0.85	4.4
		20	5.58	2.27	0.8	4.01	5.56	3.15	0.8	3.98	5.63	4.06	0.81	4.07	5.8	4.99	0.83	4.29	6.09	5.96	0.88	4.66
13	3	15	2.57	2.57	0.74	3.46	3.41	3.41	0.98	5.64	4.23	4.23	1.22	8.13	5.04	5.04	1.45	10.9	5.84	5.84	1.68	14.11
		17	2.65	2.65	0.76	3.66	3.41	3.41	0.98	5.64	4.23	4.23	1.22	8.13	5.04	5.04	1.45	10.9	5.85	5.85	1.68	14.12
		19	4.5	2.4	1.3	9.04	4.54	3.31	1.31	9.16	4.67	4.23	1.34	9.6	5.09	5.09	1.47	11.1	5.85	5.85	1.68	14.13
		20	5.83	2.35	1.68	14.0	5.79	3.23	1.67	13.8	5.81	4.12	1.67	13.9	5.77	4.98	1.66	13.8	5.95	5.91	1.71	14.55
	4	15	2.29	2.29	0.49	1.09	3.13	3.13	0.68	2.83	3.96	3.96	0.86	4.45	4.78	4.78	1.03	6.11	5.58	5.58	1.21	7.96
		17	2.32	2.32	0.5	1.11	3.13	3.13	0.68	2.84	3.96	3.96	0.86	4.45	4.78	4.78	1.03	6.12	5.59	5.59	1.21	7.97
		19	3.69	2.12	0.8	3.94	3.77	3.04	0.81	4.09	4.21	4.07	0.91	4.94	4.8	4.8	1.04	6.17	5.59	5.59	1.21	7.97
		20	5	2.06	1.08	6.6	4.97	2.95	1.07	6.53	5.05	3.86	1.09	6.7	5.22	4.79	1.13	7.09	5.66	5.66	1.22	8.15
	5	15	-	-	-	-	2.85	2.85	0.49	1.08	3.69	3.69	0.64	2.42	4.51	4.51	0.78	3.77	5.32	5.32	0.92	5.01
		17	-	-	-	-	2.85	2.85	0.49	1.08	3.69	3.69	0.64	2.43	4.51	4.51	0.78	3.78	5.32	5.32	0.92	5.01
		19	-	-	-	-	3.21	2.84	0.55	1.53	3.84	3.84	0.66	2.71	4.52	4.52	0.78	3.79	5.33	5.33	0.92	5.01
		20	-	-	-	-	4.13	2.66	0.71	3.2	4.35	3.61	0.75	3.52	4.79	4.64	0.83	4.19	5.36	5.36	0.93	5.07
	6	15	-	-	-	-	2.54	2.54	0.37	0.77	3.4	3.4	0.49	1.08	4.23	4.23	0.61	2.15	5.05	5.05	0.73	3.32
		17	-	-	-	-	2.54	2.54	0.37	0.77	3.4	3.4	0.49	1.08	4.24	4.24	0.61	2.15	5.06	5.06	0.73	3.32
		19	-	-	-	-	2.75	2.69	0.4	0.83	3.49	3.49	0.5	1.14	4.24	4.24	0.61	2.16	5.06	5.06	0.73	3.32
		20	-	-	-	-	3.26	2.37	0.47	1	3.82	3.44	0.55	1.51	4.42	4.42	0.64	2.45	5.09	5.09	0.73	3.37
15	3	15	-	-	-	-	2.57	2.57	0.74	3.42	3.4	3.4	0.98	5.52	4.22	4.22	1.21	7.96	5.02	5.02	1.45	10.73
		17	-	-	-	-	2.57	2.57	0.74	3.42	3.4	3.4	0.98	5.52	4.22	4.22	1.21	7.96	5.03	5.03	1.45	10.74
		19	-	-	-	-	2.7	2.67	0.78	3.74	3.41	3.41	0.98	5.55	4.22	4.22	1.22	7.97	5.03	5.03	1.45	10.75
		20	-	-	-	-	3.53	2.46	1.02	5.88	3.75	3.41	1.08	6.52	4.28	4.28	1.23	8.15	5.03	5.03	1.45	10.75
	4	15	-	-	-	-	2.28	2.28	0.49	1.09	3.12	3.12	0.67	2.86	3.95	3.95	0.85	4.36	4.76	4.76	1.03	5.98
		17	-	-	-	-	2.28	2.28	0.49	1.09	3.13	3.13	0.68	2.87	3.95	3.95	0.85	4.36	4.76	4.76	1.03	5.99
		19	-	-	-	-	2.35	2.35	0.51	1.17	3.13	3.13	0.68	2.87	3.95	3.95	0.85	4.37	4.77	4.77	1.03	5.99
		20	-	-	-	-	2.76	2.2	0.6	2.07	3.32	3.27	0.72	3.22	3.98	3.98	0.86	4.42	4.77	4.77	1.03	6
	5	15	-	-	-	-	-	-	-	-	2.84	2.84	0.49	1.09	3.68	3.68	0.64	2.5	4.5	4.5	0.78	3.71
		17	-	-	-	-	-	-	-	-	2.84	2.84	0.49	1.09	3.68	3.68	0.64	2.5	4.5	4.5	0.78	3.71
		19	-	-	-	-	-	-	-	-	2.84	2.84	0.49	1.09	3.68	3.68	0.64	2.5	4.5	4.5	0.78	3.71
		20	-	-	-	-	-	-	-	-	2.95	2.95	0.51	1.22	3.69	3.69	0.64	2.53	4.5	4.5	0.78	3.71
	6	15	-	-	-	-	-	-	-	-	2.54	2.54	0.37	0.73	3.39	3.39	0.49	1.09	4.22	4.22	0.61	2.24
		17	-	-	-	-	-	-	-	-	2.54	2.54	0.37	0.73	3.39	3.39	0.49	1.09	4.22	4.22	0.61	2.24
		19	-	-	-	-	-	-	-	-	2.54	2.54	0.37	0.73	3.39	3.39	0.49	1.1	4.23	4.23	0.61	2.25
		20	-	-	-	-	-	-	-	-	2.6	2.6	0.37	0.75	3.4	3.4	0.49	1.1	4.23	4.23	0.61	2.25

MDKT4-1000G30																						
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
5	3	15	8.15	6.31	2.34	34.0	7.91	7.16	2.27	32.3	8.23	8.23	2.36	34.6	9.06	9.06	2.6	40.9	9.91	9.91	2.85	47.83
		17	10.5	6.15	3.04	53.6	10.4	7.07	3.01	52.6	10.1	7.88	2.92	49.8	10.1	8.82	2.91	49.6	10.3	9.85	2.97	51.45
		19	13.2	5.98	3.8	79.0	13.1	6.93	3.78	78.3	13	7.82	3.74	76.7	12.7	8.65	3.65	73.7	12.7	9.63	3.68	74.51
		20	14.6	5.89	4.21	94.3	14.5	6.84	4.19	93.4	14.4	7.76	4.16	92.2	14.2	8.63	4.1	89.9	14.1	9.54	4.06	88.76

	4	15	7.52	6.02	1.62	18.0	7.4	6.93	1.59	17.5	7.92	7.92	1.7	19.7	8.77	8.77	1.89	23.4	9.63	9.63	2.07	27.56
		17	9.96	5.86	2.14	29.1	9.87	6.79	2.12	28.7	9.52	7.6	2.05	27.0	9.48	8.52	2.04	26.8	9.89	9.65	2.13	28.87
		19	12.5	5.69	2.71	43.7	12.5	6.64	2.7	43.3	12.3	7.54	2.66	42.4	12.0	8.36	2.59	40.5	12.0	9.32	2.6	40.79
		20	13.9	5.6	3.01	52.5	13.9	6.55	2.99	52.0	13.8	7.48	2.97	51.3	13.5	8.35	2.93	49.9	13.4	9.23	2.89	48.97
	5	15	6.87	5.72	1.18	10.5	6.99	6.74	1.2	10.8	7.62	7.62	1.31	12.5	8.49	8.49	1.46	15.0	9.34	9.34	1.61	17.78
		17	9.3	5.56	1.6	17.6	9.23	6.51	1.59	17.4	8.96	7.35	1.54	16.5	8.96	8.3	1.54	16.5	9.52	9.48	1.64	18.35
		19	11.9	5.4	2.05	27.0	11.8	6.35	2.04	26.7	11.7	7.27	2.02	26.3	11.3	8.07	1.96	24.9	11.3	9	1.96	24.87
		20	13.3	5.3	2.29	32.6	13.2	6.26	2.28	32.3	13.1	7.2	2.27	32.0	12.9	8.06	2.23	31.0	12.7	8.92	2.19	30.18
	6	15	6.25	5.45	0.9	6.54	6.61	6.57	0.95	7.21	7.33	7.33	1.05	8.59	8.2	8.2	1.18	10.3	9.06	9.06	1.3	12.31
		17	8.6	5.26	1.23	11.2	8.56	6.21	1.23	11.1	8.34	7.08	1.2	10.6	8.53	8.11	1.22	11.1	9.18	9.18	1.32	12.59
		19	11.2	5.1	1.61	17.7	11.1	6.05	1.6	17.6	11.0	6.98	1.59	17.3	10.7	7.78	1.54	16.3	10.6	8.69	1.52	16.12
		20	12.6	5.01	1.81	21.7	12.5	5.97	1.8	21.5	12.5	6.91	1.79	21.3	12.2	7.77	1.76	20.6	11.9	8.61	1.72	19.86
7	3	15	6.29	5.47	1.81	21.5	6.51	6.51	1.87	22.8	7.3	7.3	2.1	27.7	8.17	8.17	2.35	33.7	9.02	9.02	2.59	40.06
		17	8.7	5.3	2.5	37.5	8.65	6.25	2.49	37.2	8.37	7.09	2.4	35.1	8.35	8.03	2.4	35.0	9.03	9.03	2.6	40.14
		19	11.3	5.13	3.26	59.4	11.2	6.08	3.24	58.8	11.1	7	3.2	57.7	10.7	7.79	3.09	54.1	10.7	8.72	3.08	53.8
		20	12.7	5.04	3.66	72.7	12.6	6	3.64	72.0	12.5	6.93	3.61	71.1	12.2	7.78	3.54	68.5	12.0	8.63	3.46	66.15
	4	15	5.7	5.21	1.23	11.0	6.18	6.18	1.33	12.7	7.01	7.01	1.51	15.7	7.88	7.88	1.7	19.2	8.74	8.74	1.88	22.99
		17	8.02	5.01	1.73	19.8	7.99	5.97	1.72	19.6	7.78	6.84	1.67	18.8	7.99	7.87	1.72	19.7	8.75	8.75	1.88	23.01
		19	10.6	4.85	2.29	32.2	10.5	5.8	2.28	31.9	10.5	6.73	2.26	31.4	10.0	7.51	2.17	29.3	9.97	8.41	2.15	28.79
		20	12.0	4.75	2.59	39.8	11.9	5.71	2.58	39.5	11.8	6.65	2.56	39.0	11.6	7.51	2.51	37.6	11.3	8.33	2.44	35.92
	5	15	5.23	5.01	0.9	6.54	5.86	5.86	1.01	7.93	6.72	6.72	1.16	9.99	7.59	7.59	1.31	12.2	8.46	8.46	1.46	14.77
		17	7.31	4.71	1.26	11.5	7.3	5.68	1.26	11.4	7.24	6.61	1.25	11.3	7.66	7.66	1.32	12.4	8.46	8.46	1.46	14.78
		19	9.94	4.55	1.71	19.4	9.89	5.51	1.7	19.2	9.82	6.45	1.69	19.0	9.5	7.28	1.64	18	9.29	8.13	1.6	17.33
		20	11.3	4.46	1.95	24.3	11.2	5.42	1.94	24.1	11.2	6.37	1.93	23.9	11.0	7.25	1.9	23.1	10.6	8.03	1.83	21.71
	6	15	4.83	4.83	0.69	3.93	5.55	5.55	0.8	5.26	6.43	6.43	0.92	6.77	7.3	7.3	1.05	8.41	8.17	8.17	1.17	10.17
		17	6.55	4.4	0.94	6.98	6.58	5.38	0.94	7.03	6.8	6.43	0.98	7.44	7.34	7.34	1.05	8.49	8.17	8.17	1.17	10.18
		19	9.2	4.25	1.32	12.4	9.16	5.21	1.31	12.3	9.11	6.16	1.31	12.2	8.86	7.01	1.27	11.6	8.76	7.92	1.26	11.45
		20	10.5	4.16	1.52	15.8	10.5	5.13	1.51	15.6	10.4	6.08	1.51	15.5	10.3	6.97	1.48	15.1	9.85	7.73	1.41	13.97
9	3	15	4.72	4.72	1.35	12.9	5.52	5.52	1.59	16.9	6.4	6.4	1.84	21.8	7.27	7.27	2.09	27.1	8.14	8.14	2.34	33
		17	6.7	4.46	1.93	23.5	6.68	5.42	1.92	23.4	6.7	6.39	1.93	23.5	7.28	7.28	2.09	27.2	8.14	8.14	2.34	33.03
		19	9.31	4.29	2.68	41.6	9.25	5.25	2.66	41.2	9.2	6.2	2.65	40.8	8.88	7.02	2.55	38.3	8.6	7.86	2.47	36.35
		20	10.6	4.2	3.08	52.9	10.6	5.16	3.06	52.4	10.5	6.11	3.04	51.9	10.3	6.99	2.98	50.1	9.91	7.75	2.85	46.41
	4	15	4.38	4.38	0.94	6.96	5.23	5.23	1.13	9.41	6.11	6.11	1.32	12.2	6.99	6.99	1.51	15.4	7.85	7.85	1.69	18.84
		17	5.97	4.16	1.29	11.7	5.99	5.14	1.29	11.8	6.29	6.22	1.36	12.8	6.99	6.99	1.51	15.4	7.86	7.86	1.69	18.86
		19	8.58	4	1.85	21.9	8.54	4.96	1.84	21.7	8.5	5.92	1.83	21.5	8.25	6.77	1.78	20.5	8.14	7.67	1.75	20.03
		20	9.97	3.92	2.15	28.3	9.91	4.88	2.14	28.1	9.86	5.83	2.13	27.8	9.71	6.73	2.09	27.1	9.19	7.47	1.98	24.65
	5	15	4.05	4.05	0.7	4.06	4.93	4.93	0.85	5.82	5.82	5.82	1	7.71	6.7	6.7	1.16	9.78	7.57	7.57	1.31	12.03
		17	5.17	3.85	0.89	6.29	5.42	4.92	0.93	6.82	5.93	5.93	1.02	7.95	6.7	6.7	1.16	9.79	7.57	7.57	1.31	12.04
		19	7.82	3.7	1.35	12.7	7.78	4.67	1.34	12.6	7.76	5.63	1.34	12.5	7.6	6.52	1.31	12.1	7.75	7.52	1.34	12.54
		20	9.21	3.62	1.59	16.8	9.16	4.58	1.58	16.6	9.12	5.54	1.57	16.5	9.01	6.46	1.55	16.2	8.58	7.24	1.48	14.9
	6	15	3.72	3.72	0.53	1.84	4.63	4.63	0.66	3.64	5.52	5.52	0.79	5.15	6.41	6.41	0.92	6.63	7.28	7.28	1.05	8.23
		17	4.43	3.56	0.64	3.27	4.95	4.73	0.71	4.22	5.6	5.6	0.8	5.27	6.41	6.41	0.92	6.64	7.29	7.29	1.05	8.24
		19	6.98	3.38	1	7.64	6.97	4.36	1	7.63	6.99	5.33	1	7.67	7.05	6.31	1.01	7.78	7.41	7.39	1.06	8.47
		20	8.41	3.32	1.21	10.5	8.36	4.28	1.2	10.3	8.34	5.25	1.2	10.3	8.27	6.18	1.19	10.2	8.02	7.03	1.15	9.69
11	3	15	3.72	3.72	1.07	8.49	4.61	4.61	1.33	12.2	5.5	5.5	1.58	16.5	6.38	6.38	1.83	21.3	7.25	7.25	2.08	26.63
		17	4.57	3.62	1.31	12.0	4.84	4.69	1.39	13.2	5.5	5.5	1.58	16.5	6.38	6.38	1.84	21.3	7.25	7.25	2.09	26.65
		19	7.16	3.45	2.06	26.1	7.13	4.42	2.05	25.8	7.11	5.38	2.05	25.7	7.01	6.29	2.02	25.1	7.26	7.26	2.09	26.7
		20	8.55	3.37	2.46	35.4	8.49	4.33	2.44	35.0	8.45	5.29	2.43	34.7	8.38	6.22	2.41	34.2	7.94	7	2.29	31.21
	4	15	3.41	3.41	0.74	4.49	4.32	4.32	0.93	6.7	5.21	5.21	1.12	9.22	6.09	6.09	1.31	12.0	6.96	6.96	1.5	15.11
		17	3.88	3.35	0.84	5.58	4.44	4.44	0.96	7.03	5.21	5.21	1.12	9.22	6.1	6.1	1.31	12.0	6.97	6.97	1.5	15.12
		19	6.36	3.15	1.37	12.9	6.35	4.13	1.37	12.8	6.37	5.1	1.37	12.9	6.48	6.09	1.4	13.3	6.97	6.97	1.5	15.14
		20	7.77	3.08	1.68	18.2	7.71	4.04	1.66	17.9	7.7	5	1.66	17.9	7.65	5.95	1.65	17.7	7.42	6.81	1.6	16.82
	5	15	3.1	3.1	0.53	1.95	4.02	4.02	0.69	4.01	4.92	4.92	0.85	5.7	5.8	5.8	1	7.55	6.68	6.68	1.15	9.58
		17	3.36	3.16	0.58	2.6	4.09	4.09	0.71	4.14	4.92	4.92	0.85	5.7	5.81	5.81	1	7.55	6.68	6.68	1.15	9.59
		19	5.48	2.83	0.95	6.83	5.5	3.81	0.95	6.88	5.66	4.84	0.98	7.22	6.06	5.94	1.04	8.1	6.69	6.69	1.15	9.59
		20	6.92	2.77	1.19	10.1	6.88	3.73	1.19	10.0	6.9	4.71	1.19	10.1	6.89	5.67	1.19	10.0	6.98	6.65	1.2	10.31
	6	15	2.77	2.77	0.4	1.04	3.7	3.7	0.53	1.96	4.61	4.61	0.66	3.67	5.51	5.51	0.79	5.05	6.39	6.39	0.92	6.5
		17	2.92	2.92	0.42	1.1	3.74	3.74	0.54	2.04	4.62	4.62	0.66	3.67	5.51	5.51	0.79	5.06	6.39	6.39	0.92	6.5

		19	4.54	2.49	0.65	3.56	4.64	3.51	0.67	3.71	5.11	4.64	0.73	4.43	5.68	5.68	0.82	5.32	6.4	6.4	0.92	6.51
		20	6	2.44	0.86	5.82	5.97	3.41	0.86	5.78	6.02	4.4	0.87	5.87	6.25	5.44	0.9	6.25	6.6	6.51	0.95	6.86
13	3	15	2.8	2.8	0.8	5.17	3.7	3.7	1.07	8.32	4.6	4.6	1.32	12.0	5.48	5.48	1.58	16.2	6.35	6.35	1.83	20.94
		17	2.87	2.87	0.82	5.39	3.71	3.71	1.07	8.32	4.6	4.6	1.32	12.0	5.48	5.48	1.58	16.2	6.36	6.36	1.83	20.96
		19	4.83	2.59	1.39	13.0	4.86	3.58	1.4	13.1	5.02	4.61	1.45	13.9	5.52	5.52	1.59	16.4	6.36	6.36	1.83	20.98
		20	6.25	2.53	1.8	20.3	6.19	3.49	1.78	20.0	6.22	4.47	1.79	20.1	6.21	5.42	1.79	20.1	6.49	6.47	1.87	21.73
	4	15	2.48	2.48	0.54	2.09	3.4	3.4	0.73	4.41	4.31	4.31	0.93	6.57	5.19	5.19	1.12	9.03	6.07	6.07	1.31	11.78
		17	2.51	2.51	0.54	2.18	3.41	3.41	0.73	4.41	4.31	4.31	0.93	6.57	5.2	5.2	1.12	9.04	6.07	6.07	1.31	11.79
		19	3.96	2.29	0.85	5.68	4.05	3.3	0.87	5.91	4.55	4.44	0.98	7.2	5.21	5.21	1.13	9.08	6.08	6.08	1.31	11.8
		20	5.37	2.22	1.16	9.53	5.33	3.19	1.15	9.42	5.4	4.18	1.16	9.62	5.63	5.22	1.22	10.3	6.16	6.16	1.33	12.06
	5	15	-	-	-	-	3.09	3.09	0.53	2.1	4.01	4.01	0.69	3.96	4.9	4.9	0.85	5.59	5.79	5.79	1	7.39
		17	-	-	-	-	3.09	3.09	0.53	2.11	4.01	4.01	0.69	3.96	4.9	4.9	0.85	5.59	5.79	5.79	1	7.4
		19	-	-	-	-	3.46	3.1	0.6	2.95	4.15	4.15	0.72	4.21	4.91	4.91	0.85	5.6	5.79	5.79	1	7.4
		20	-	-	-	-	4.4	2.87	0.76	4.65	4.67	3.93	0.81	5.13	5.18	5.07	0.89	6.13	5.84	5.84	1.01	7.51
	6	15	-	-	-	-	2.76	2.76	0.4	0.99	3.7	3.7	0.53	2.11	4.6	4.6	0.66	3.65	5.49	5.49	0.79	4.96
		17	-	-	-	-	2.76	2.76	0.4	0.99	3.7	3.7	0.53	2.11	4.6	4.6	0.66	3.65	5.5	5.5	0.79	4.96
		19	-	-	-	-	2.98	2.93	0.43	1.09	3.78	3.78	0.54	2.29	4.61	4.61	0.66	3.65	5.5	5.5	0.79	4.96
		20	-	-	-	-	3.5	2.57	0.5	1.78	4.12	3.75	0.59	2.9	4.79	4.79	0.69	3.91	5.53	5.53	0.8	5
15	3	15	-	-	-	-	2.79	2.79	0.8	5.07	3.69	3.69	1.06	8.15	4.58	4.58	1.32	11.7	5.46	5.46	1.57	15.92
		17	-	-	-	-	2.79	2.79	0.8	5.07	3.69	3.69	1.06	8.16	4.58	4.58	1.32	11.7	5.46	5.46	1.57	15.93
		19	-	-	-	-	2.92	2.91	0.84	5.47	3.7	3.7	1.06	8.17	4.59	4.59	1.32	11.8	5.47	5.47	1.57	15.94
		20	-	-	-	-	3.77	2.66	1.09	8.45	4.04	3.72	1.16	9.48	4.63	4.63	1.33	12.0	5.47	5.47	1.57	15.95
	4	15	-	-	-	-	2.48	2.48	0.54	2.23	3.4	3.4	0.73	4.33	4.29	4.29	0.93	6.44	5.18	5.18	1.12	8.85
		17	-	-	-	-	2.48	2.48	0.54	2.23	3.4	3.4	0.73	4.33	4.29	4.29	0.93	6.44	5.18	5.18	1.12	8.86
		19	-	-	-	-	2.54	2.54	0.55	2.41	3.4	3.4	0.73	4.33	4.3	4.3	0.93	6.45	5.18	5.18	1.12	8.86
		20	-	-	-	-	2.96	2.4	0.64	3.4	3.58	3.57	0.77	4.73	4.32	4.32	0.93	6.5	5.18	5.18	1.12	8.87
	5	15	-	-	-	-	-	-	-	-	3.09	3.09	0.53	2.23	4	4	0.69	3.89	4.89	4.89	0.84	5.48
		17	-	-	-	-	-	-	-	-	3.09	3.09	0.53	2.24	4	4	0.69	3.89	4.89	4.89	0.85	5.48
		19	-	-	-	-	-	-	-	-	3.09	3.09	0.53	2.24	4	4	0.69	3.9	4.89	4.89	0.85	5.48
		20	-	-	-	-	-	-	-	-	3.19	3.19	0.55	2.46	4.01	4.01	0.69	3.91	4.89	4.89	0.85	5.49
	6	15	-	-	-	-	-	-	-	-	2.76	2.76	0.4	0.95	3.69	3.69	0.53	2.23	4.59	4.59	0.66	3.59
		17	-	-	-	-	-	-	-	-	2.76	2.76	0.4	0.95	3.69	3.69	0.53	2.23	4.59	4.59	0.66	3.6
		19	-	-	-	-	-	-	-	-	2.76	2.76	0.4	0.95	3.69	3.69	0.53	2.24	4.6	4.6	0.66	3.6
		20	-	-	-	-	-	-	-	-	2.81	2.81	0.41	0.98	3.69	3.69	0.53	2.24	4.6	4.6	0.66	3.6

MDKT4-1200G30																						
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
5	3	15	10.1	7.8	2.9	40.2	9.8	8.83	2.81	38.0	10.1	10.1	2.92	40.6	11.1	11.1	3.21	47.8	12.2	12.2	3.52	55.99
		17	13.1	7.61	3.78	63.3	12.9	8.74	3.74	62.1	12.5	9.73	3.62	58.8	12.5	10.9	3.62	58.7	12.8	12.1	3.68	60.7
		19	16.3	7.41	4.72	93.5	16.2	8.57	4.7	92.6	16.1	9.67	4.64	90.6	15.7	10.6	4.54	87.2	15.8	11.9	4.57	88.24
		20	18.1	7.3	5.23	111.	18.0	8.46	5.2	110.	17.8	9.6	5.16	109.	17.6	10.6	5.09	106.	17.5	11.7	5.05	105.18
	4	15	9.36	7.45	2.01	21.3	9.18	8.55	1.98	20.6	9.8	9.8	2.11	23.0	10.8	10.8	2.33	27.4	11.8	11.8	2.56	32.19

		17	12.3	7.26	2.66	34.4	12.2	8.4	2.64	33.9	11.8	9.39	2.55	31.9	11.7	10.5	2.54	31.6	12.2	11.9	2.64	33.93
		19	15.6	7.06	3.37	51.6	15.5	8.22	3.35	51.1	15.3	9.33	3.31	50.1	14.9	10.3	3.22	47.9	15.0	11.5	3.23	48.24
		20	17.3	6.95	3.74	62.0	17.2	8.12	3.72	61.4	17.1	9.26	3.69	60.6	16.8	10.3	3.63	58.9	16.6	11.4	3.59	57.91
	5	15	8.57	7.09	1.47	12.4	8.67	8.32	1.49	12.7	9.44	9.44	1.62	14.6	10.4	10.4	1.81	17.6	11.5	11.5	1.99	20.76
		17	11.5	6.9	1.99	20.8	11.4	8.06	1.98	20.5	11.1	9.09	1.92	19.5	11.1	10.2	1.92	19.5	11.8	11.7	2.03	21.53
		19	14.8	6.71	2.55	31.9	14.7	7.88	2.54	31.6	14.6	9	2.51	31.0	14.1	9.98	2.44	29.4	14.1	11.1	2.44	29.44
		20	16.5	6.6	2.85	38.6	16.4	7.77	2.84	38.2	16.3	8.92	2.82	37.8	16.0	9.98	2.77	36.6	15.8	11.0	2.72	35.7
	6	15	7.81	6.75	1.12	7.76	8.22	8.12	1.18	8.48	9.08	9.08	1.3	10.0	10.1	10.1	1.45	12.1	11.2	11.2	1.61	14.36
		17	10.7	6.54	1.54	13.3	10.6	7.7	1.53	13.2	10.4	8.76	1.49	12.6	10.6	10.0	1.52	13.0	11.3	11.3	1.63	14.75
		19	14.0	6.35	2.01	21.0	13.9	7.52	2	20.8	13.8	8.66	1.98	20.5	13.3	9.63	1.91	19.3	13.2	10.7	1.9	19.13
		20	15.7	6.24	2.26	25.6	15.6	7.42	2.25	25.4	15.5	8.57	2.23	25.2	15.2	9.63	2.19	24.3	14.9	10.6	2.14	23.51
7	3	15	7.83	6.76	2.25	25.4	8.05	8.04	2.31	26.7	9.02	9.02	2.59	32.4	10.0	10.0	2.9	39.4	11.1	11.1	3.2	46.87
		17	10.8	6.56	3.11	44.4	10.7	7.73	3.09	43.9	10.3	8.75	2.98	41.4	10.3	9.9	2.98	41.2	11.1	11.1	3.21	47.02
		19	14.0	6.36	4.04	70.2	13.9	7.53	4.02	69.5	13.8	8.65	3.98	68.2	13.3	9.62	3.83	63.9	13.2	10.7	3.82	63.72
		20	15.7	6.25	4.54	86.0	15.6	7.42	4.52	85.2	15.5	8.57	4.48	84.1	15.2	9.62	4.39	81.0	14.9	10.6	4.3	78.34
	4	15	7.1	6.44	1.53	13.0	7.66	7.66	1.65	14.8	8.67	8.67	1.87	18.4	9.74	9.74	2.1	22.4	10.8	10.8	2.33	26.85
		17	9.99	6.21	2.15	23.4	9.94	7.39	2.14	23.2	9.66	8.45	2.08	22.1	9.9	9.71	2.13	23.1	10.8	10.8	2.33	26.89
		19	13.2	6.02	2.85	38.1	13.1	7.19	2.84	37.7	13.0	8.33	2.81	37.1	12.5	9.28	2.7	34.6	12.4	10.4	2.67	34.09
		20	14.9	5.91	3.22	47.1	14.8	7.09	3.2	46.6	14.7	8.24	3.18	46.1	14.4	9.28	3.11	44.4	14.0	10.3	3.03	42.48
	5	15	6.52	6.2	1.12	7.7	7.27	7.27	1.25	9.28	8.32	8.32	1.43	11.6	9.39	9.39	1.62	14.3	10.4	10.4	1.8	17.24
		17	9.13	5.85	1.57	13.6	9.1	7.03	1.57	13.5	9	8.17	1.55	13.3	9.49	9.49	1.64	14.6	10.4	10.4	1.8	17.25
		19	12.3	5.66	2.13	23.0	12.3	6.84	2.12	22.8	12.2	7.99	2.11	22.5	11.8	8.99	2.03	21.2	11.5	10.0	1.99	20.48
		20	14.1	5.56	2.43	28.8	14.0	6.74	2.42	28.5	13.9	7.89	2.4	28.2	13.6	8.97	2.36	27.3	13.2	9.94	2.27	25.7
	6	15	6.02	5.99	0.86	4.91	6.89	6.89	0.99	6.19	7.97	7.97	1.14	7.91	9.04	9.04	1.3	9.82	10.1	10.1	1.45	11.87
		17	8.21	5.47	1.18	8.31	8.23	6.67	1.18	8.34	8.45	7.94	1.21	8.74	9.11	9.11	1.31	9.93	10.1	10.1	1.45	11.88
		19	11.4	5.3	1.65	14.7	11.4	6.48	1.64	14.6	11.3	7.64	1.63	14.4	11.0	8.67	1.58	13.7	10.9	9.79	1.57	13.51
		20	13.2	5.2	1.9	18.7	13.1	6.38	1.89	18.5	13.0	7.54	1.88	18.4	12.8	8.64	1.85	17.9	12.2	9.58	1.77	16.56
9	3	15	5.85	5.85	1.68	15.1	6.82	6.82	1.96	19.7	7.91	7.91	2.27	25.5	8.98	8.98	2.58	31.7	10.0	10.0	2.89	38.6
		17	8.33	5.52	2.4	27.9	8.31	6.7	2.39	27.7	8.29	7.87	2.38	27.6	8.99	8.99	2.58	31.8	10.0	10.0	2.89	38.63
		19	11.5	5.32	3.33	49.2	11.4	6.5	3.31	48.7	11.4	7.66	3.29	48.2	10.9	8.66	3.16	45.1	10.6	9.69	3.07	42.92
		20	13.2	5.21	3.82	62.7	13.1	6.39	3.8	62.0	13.1	7.56	3.78	61.4	12.8	8.63	3.7	59.3	12.2	9.58	3.54	54.92
	4	15	5.43	5.43	1.17	8.16	6.47	6.47	1.39	10.9	7.56	7.56	1.63	14.3	8.64	8.64	1.86	18.0	9.7	9.7	2.09	22
		17	7.45	5.16	1.61	13.9	7.47	6.36	1.61	14.0	7.81	7.68	1.68	15.1	8.64	8.64	1.86	18.0	9.71	9.71	2.09	22.02
		19	10.6	4.98	2.3	25.9	10.6	6.15	2.29	25.7	10.5	7.32	2.28	25.5	10.2	8.37	2.21	24.2	10.1	9.47	2.18	23.57
		20	12.4	4.87	2.67	33.5	12.3	6.05	2.66	33.2	12.2	7.22	2.64	32.9	12.0	8.32	2.6	32.0	11.4	9.24	2.46	29.16
	5	15	5.03	5.03	0.87	4.89	6.11	6.11	1.05	6.8	7.21	7.21	1.24	8.99	8.29	8.29	1.43	11.4	9.36	9.36	1.61	14.05
		17	6.49	4.78	1.12	7.51	6.76	6.08	1.17	8.06	7.37	7.37	1.27	9.33	8.3	8.3	1.43	11.4	9.37	9.37	1.61	14.06
		19	9.76	4.61	1.68	15.0	9.72	5.8	1.68	14.9	9.69	6.97	1.67	14.8	9.45	8.05	1.63	14.2	9.62	9.28	1.66	14.72
		20	11.4	4.52	1.98	19.9	11.4	5.7	1.97	19.7	11.3	6.87	1.96	19.5	11.2	7.99	1.93	19.1	10.7	8.96	1.84	17.64
	6	15	4.63	4.63	0.67	2.91	5.74	5.74	0.83	4.47	6.85	6.85	0.98	6.03	7.94	7.94	1.14	7.74	9.01	9.01	1.3	9.61
		17	5.56	4.42	0.8	4.22	6.18	5.85	0.89	5.06	6.95	6.95	1	6.18	7.94	7.94	1.14	7.75	9.02	9.02	1.3	9.62
		19	8.75	4.22	1.26	9.12	8.74	5.42	1.26	9.09	8.75	6.61	1.26	9.12	8.77	7.79	1.26	9.15	9.2	9.11	1.32	9.94
		20	10.5	4.15	1.51	12.5	10.4	5.33	1.5	12.3	10.4	6.51	1.5	12.3	10.3	7.65	1.48	12.0	9.99	8.69	1.44	11.44
11	3	15	4.6	4.6	1.32	9.92	5.71	5.71	1.64	14.3	6.8	6.8	1.96	19.3	7.88	7.88	2.27	24.9	8.95	8.95	2.58	31.14
		17	5.71	4.48	1.64	14.3	6.01	5.79	1.73	15.6	6.8	6.8	1.96	19.3	7.88	7.88	2.27	25	8.95	8.95	2.58	31.16
		19	8.91	4.28	2.57	30.9	8.86	5.47	2.55	30.6	8.84	6.65	2.54	30.4	8.7	7.77	2.51	29.6	8.96	8.96	2.58	31.25
		20	10.6	4.19	3.06	41.9	10.5	5.36	3.04	41.4	10.4	6.54	3.02	41.1	10.4	7.68	3	40.4	9.82	8.63	2.83	36.63
	4	15	4.24	4.24	0.91	5.27	5.35	5.35	1.15	7.83	6.45	6.45	1.39	10.7	7.53	7.53	1.63	14.0	8.61	8.61	1.86	17.64
		17	4.85	4.15	1.05	6.62	5.52	5.52	1.19	8.26	6.45	6.45	1.39	10.7	7.54	7.54	1.63	14.0	8.61	8.61	1.86	17.66
		19	7.94	3.92	1.71	15.3	7.93	5.12	1.71	15.3	7.95	6.31	1.71	15.3	8.05	7.52	1.74	15.7	8.62	8.62	1.86	17.68
		20	9.69	3.84	2.09	21.6	9.62	5.01	2.07	21.3	9.59	6.2	2.07	21.2	9.52	7.35	2.05	20.9	9.19	8.39	1.98	19.76
	5	15	3.85	3.85	0.66	2.96	4.98	4.98	0.86	4.74	6.09	6.09	1.05	6.66	7.19	7.19	1.24	8.81	8.26	8.26	1.43	11.18
		17	4.21	3.92	0.73	3.54	5.09	5.09	0.88	4.9	6.1	6.1	1.05	6.66	7.19	7.19	1.24	8.81	8.27	8.27	1.43	11.19
		19	6.88	3.53	1.19	8.17	6.9	4.74	1.19	8.21	7.07	5.99	1.22	8.56	7.53	7.33	1.3	9.53	8.27	8.27	1.43	11.2
		20	8.67	3.46	1.5	12.1	8.61	4.65	1.48	11.9	8.62	5.84	1.49	12.0	8.59	7.01	1.48	11.9	8.67	8.2	1.5	12.14
	6	15	3.45	3.45	0.5	1.21	4.6	4.6	0.66	2.93	5.73	5.73	0.82	4.38	6.83	6.83	0.98	5.91	7.91	7.91	1.14	7.58
		17	3.66	3.66	0.53	1.47	4.67	4.67	0.67	3.02	5.73	5.73	0.82	4.39	6.83	6.83	0.98	5.91	7.92	7.92	1.14	7.59
		19	5.73	3.12	0.82	4.37	5.83	4.35	0.84	4.51	6.39	5.74	0.92	5.26	7.07	7.07	1.02	6.25	7.92	7.92	1.14	7.6

		20	7.55	3.06	1.09	6.98	7.51	4.25	1.08	6.91	7.56	5.47	1.09	7	7.81	6.73	1.12	7.4	8.21	8.04	1.18	8.07
13	3	15	3.47	3.47	1	6.04	4.58	4.58	1.32	9.71	5.68	5.68	1.64	14.0	6.77	6.77	1.95	18.9	7.85	7.85	2.26	24.47
		17	3.57	3.57	1.03	6.34	4.59	4.59	1.32	9.72	5.69	5.69	1.64	14.0	6.77	6.77	1.95	18.9	7.85	7.85	2.26	24.49
		19	6.03	3.23	1.74	15.5	6.06	4.44	1.75	15.6	6.25	5.69	1.8	16.5	6.83	6.83	1.97	19.2	7.85	7.85	2.26	24.52
		20	7.8	3.15	2.25	24.1	7.72	4.33	2.22	23.7	7.75	5.53	2.23	23.9	7.72	6.7	2.22	23.7	8.02	7.97	2.31	25.42
	4	15	3.09	3.09	0.67	2.99	4.22	4.22	0.91	5.16	5.33	5.33	1.15	7.67	6.43	6.43	1.39	10.5	7.51	7.51	1.62	13.75
		17	3.13	3.13	0.68	3.08	4.22	4.22	0.91	5.16	5.34	5.34	1.15	7.67	6.43	6.43	1.39	10.5	7.51	7.51	1.62	13.76
		19	4.96	2.85	1.07	6.78	5.07	4.09	1.09	7.03	5.66	5.48	1.22	8.49	6.46	6.46	1.39	10.6	7.51	7.51	1.62	13.78
		20	6.73	2.77	1.45	11.3	6.67	3.96	1.44	11.2	6.75	5.18	1.46	11.4	7	6.45	1.51	12.2	7.62	7.62	1.65	14.12
	5	15	-	-	-	-	3.84	3.84	0.66	2.96	4.97	4.97	0.86	4.64	6.07	6.07	1.05	6.52	7.16	7.16	1.24	8.63
		17	-	-	-	-	3.85	3.85	0.66	2.96	4.97	4.97	0.86	4.65	6.08	6.08	1.05	6.53	7.16	7.16	1.24	8.64
		19	-	-	-	-	4.34	3.83	0.75	3.68	5.17	5.17	0.89	4.97	6.09	6.09	1.05	6.55	7.17	7.17	1.24	8.64
		20	-	-	-	-	5.56	3.58	0.96	5.6	5.84	4.87	1.01	6.09	6.45	6.25	1.11	7.21	7.23	7.23	1.25	8.78
	6	15	-	-	-	-	3.44	3.44	0.5	1.28	4.59	4.59	0.66	2.93	5.71	5.71	0.82	4.3	6.81	6.81	0.98	5.79
		17	-	-	-	-	3.44	3.44	0.5	1.28	4.59	4.59	0.66	2.94	5.71	5.71	0.82	4.3	6.81	6.81	0.98	5.79
		19	-	-	-	-	3.74	3.63	0.54	1.72	4.72	4.72	0.68	3.09	5.72	5.72	0.82	4.31	6.81	6.81	0.98	5.79
		20	-	-	-	-	4.43	3.2	0.64	2.72	5.16	4.64	0.74	3.61	5.96	5.96	0.86	4.62	6.86	6.86	0.99	5.86
15	3	15	-	-	-	-	3.46	3.46	1	5.92	4.57	4.57	1.32	9.52	5.66	5.66	1.63	13.7	6.75	6.75	1.94	18.59
		17	-	-	-	-	3.46	3.46	1	5.92	4.57	4.57	1.32	9.52	5.67	5.67	1.63	13.7	6.75	6.75	1.94	18.61
		19	-	-	-	-	3.64	3.59	1.05	6.44	4.58	4.58	1.32	9.56	5.67	5.67	1.63	13.7	6.75	6.75	1.95	18.62
		20	-	-	-	-	4.74	3.31	1.36	10.1	5.03	4.59	1.45	11.2	5.74	5.74	1.65	14.0	6.75	6.75	1.95	18.63
	4	15	-	-	-	-	3.08	3.08	0.67	2.96	4.21	4.21	0.91	5.06	5.32	5.32	1.15	7.51	6.4	6.4	1.38	10.33
		17	-	-	-	-	3.08	3.08	0.67	2.97	4.21	4.21	0.91	5.06	5.32	5.32	1.15	7.52	6.41	6.41	1.38	10.34
		19	-	-	-	-	3.17	3.17	0.68	3.12	4.21	4.21	0.91	5.07	5.32	5.32	1.15	7.52	6.41	6.41	1.38	10.35
		20	-	-	-	-	3.72	2.97	0.8	4.1	4.46	4.41	0.96	5.58	5.36	5.36	1.16	7.61	6.41	6.41	1.39	10.35
	5	15	-	-	-	-	-	-	-	-	3.83	3.83	0.66	2.93	4.96	4.96	0.86	4.55	6.05	6.05	1.05	6.39
		17	-	-	-	-	-	-	-	-	3.84	3.84	0.66	2.93	4.96	4.96	0.86	4.55	6.06	6.06	1.05	6.4
		19	-	-	-	-	-	-	-	-	3.84	3.84	0.66	2.94	4.96	4.96	0.86	4.56	6.06	6.06	1.05	6.4
		20	-	-	-	-	-	-	-	-	3.98	3.98	0.69	3.13	4.98	4.98	0.86	4.59	6.06	6.06	1.05	6.4
	6	15	-	-	-	-	-	-	-	-	3.43	3.43	0.49	1.37	4.58	4.58	0.66	2.9	5.69	5.69	0.82	4.21
		17	-	-	-	-	-	-	-	-	3.44	3.44	0.49	1.38	4.58	4.58	0.66	2.9	5.7	5.7	0.82	4.22
		19	-	-	-	-	-	-	-	-	3.44	3.44	0.5	1.38	4.58	4.58	0.66	2.91	5.7	5.7	0.82	4.22
		20	-	-	-	-	-	-	-	-	3.52	3.52	0.51	1.5	4.59	4.59	0.66	2.92	5.7	5.7	0.82	4.22

MDKT4-1400G30																						
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
5	3	15	11.0	8.49	3.23	48.0	10.7	9.62	3.13	45.4	11.0	11.0	3.24	48.2	12.1	12.1	3.56	57.1	13.2	13.2	3.9	66.81
		17	14.3	8.28	4.2	76.1	14.1	9.5	4.15	74.6	13.7	10.5	4.02	70.7	13.7	11.8	4.02	70.5	13.9	13.1	4.09	72.68
		19	17.8	8.05	5.22	112.	17.7	9.31	5.19	110.	17.4	10.5	5.13	108.	17.1	11.6	5.02	104.	17.2	12.9	5.05	105.49
		20	19.6	7.93	5.77	133.	19.5	9.19	5.74	132.	19.4	10.4	5.69	130.	19.1	11.5	5.61	127.	18.9	12.7	5.57	125.62
	4	15	10.3	8.14	2.22	24.8	10.0	9.32	2.17	23.9	10.7	10.7	2.31	26.5	11.8	11.8	2.55	31.6	12.9	12.9	2.8	37.34
		17	13.5	7.94	2.94	40.6	13.4	9.17	2.91	39.9	12.9	10.2	2.81	37.4	12.9	11.4	2.8	37.1	13.3	12.9	2.9	39.67

		19	17.0	7.72	3.73	61.6	16.9	8.97	3.71	60.9	16.7	10.1	3.66	59.6	16.3	11.2	3.57	57.0	16.4	12.5	3.58	57.35
		20	18.9	7.6	4.13	73.8	18.8	8.86	4.11	73.1	18.6	10.0	4.08	72.1	18.3	11.2	4.01	70.1	18.1	12.4	3.97	68.76
	5	15	9.5	7.78	1.63	14.4	9.56	9.08	1.64	14.5	10.3	10.3	1.77	16.7	11.4	11.4	1.97	20.0	12.6	12.6	2.17	23.69
		17	12.7	7.58	2.2	24.2	12.6	8.82	2.18	23.8	12.2	9.93	2.11	22.6	12.2	11.1	2.11	22.5	12.9	12.7	2.22	24.76
		19	16.3	7.37	2.82	37.4	16.2	8.63	2.8	37.0	16.0	9.84	2.77	36.3	15.5	10.9	2.68	34.3	15.5	12.1	2.68	34.39
		20	18.1	7.25	3.15	45.5	18.0	8.52	3.13	45.0	17.9	9.75	3.11	44.4	17.6	10.8	3.05	43.0	17.3	12.0	3	41.88
	6	15	8.7	7.42	1.24	8.94	9.08	8.87	1.3	9.65	9.96	9.96	1.42	11.3	11.1	11.1	1.59	13.7	12.2	12.2	1.75	16.27
		17	11.9	7.21	1.7	15.5	11.8	8.46	1.69	15.3	11.5	9.59	1.64	14.5	11.6	10.9	1.67	14.9	12.4	12.4	1.78	16.82
		19	15.4	7.01	2.22	24.5	15.3	8.27	2.2	24.2	15.2	9.49	2.18	23.8	14.7	10.5	2.11	22.4	14.6	11.7	2.09	22.21
		20	17.3	6.9	2.49	30.0	17.2	8.16	2.47	29.7	17.1	9.4	2.46	29.3	16.7	10.5	2.41	28.3	16.4	11.6	2.36	27.34
7	3	15	8.59	7.37	2.49	29.9	8.8	8.74	2.55	31.2	9.81	9.81	2.85	38.0	10.9	10.9	3.2	46.6	12.1	12.1	3.55	55.98
		17	11.8	7.16	3.47	53.5	11.7	8.41	3.44	52.9	11.3	9.52	3.32	49.7	11.2	10.7	3.3	49.2	12.1	12.1	3.56	56.22
		19	15.2	6.93	4.49	84.5	15.1	8.19	4.46	83.6	15.0	9.4	4.41	81.9	14.4	10.4	4.25	76.8	14.4	11.6	4.24	76.49
		20	17.1	6.81	5.03	103.	17.0	8.07	5	102.	16.9	9.31	4.96	101	16.5	10.4	4.86	97.3	16.2	11.5	4.76	93.9
	4	15	7.84	7.04	1.68	15.0	8.39	8.39	1.8	17	9.46	9.46	2.04	21.0	10.6	10.6	2.29	25.8	11.7	11.7	2.54	31
		17	11	6.8	2.37	27.4	10.9	8.07	2.36	27.1	10.6	9.22	2.29	25.8	10.8	10.5	2.34	26.7	11.7	11.7	2.55	31.08
		19	14.5	6.59	3.16	45.2	14.4	7.85	3.14	44.7	14.2	9.08	3.1	43.9	13.7	10.1	2.98	40.8	13.5	11.3	2.95	40.21
		20	16.3	6.48	3.57	56.3	16.2	7.74	3.55	55.7	16.1	8.99	3.53	55.0	15.7	10.1	3.45	52.8	15.3	11.2	3.36	50.45
	5	15	7.23	6.78	1.24	8.82	8	8	1.37	10.5	9.11	9.11	1.56	13.2	10.2	10.2	1.76	16.2	11.4	11.4	1.96	19.63
		17	10.1	6.43	1.74	15.8	10.0	7.71	1.73	15.7	9.93	8.92	1.71	15.3	10.4	10.3	1.79	16.6	11.4	11.4	1.96	19.66
		19	13.6	6.23	2.35	26.9	13.5	7.5	2.34	26.6	13.4	8.74	2.32	26.2	13	9.82	2.24	24.7	12.7	10.9	2.19	23.79
		20	15.5	6.12	2.68	33.8	15.4	7.39	2.66	33.4	15.3	8.64	2.65	33.0	15.0	9.8	2.59	31.9	14.5	10.8	2.5	30.01
	6	15	6.7	6.56	0.96	5.62	7.6	7.6	1.09	6.99	8.74	8.74	1.25	8.9	9.91	9.91	1.42	11.0	11.0	11.0	1.58	13.42
		17	9.18	6.04	1.31	9.68	9.18	7.33	1.31	9.67	9.35	8.68	1.33	9.99	10.0	10.0	1.43	11.2	11.0	11.0	1.58	13.43
		19	12.7	5.86	1.83	17.2	12.6	7.13	1.81	17.0	12.5	8.38	1.8	16.7	12.2	9.5	1.75	15.9	12.0	10.6	1.72	15.56
		20	14.6	5.76	2.1	21.9	14.5	7.03	2.08	21.6	14.4	8.28	2.07	21.4	14.2	9.46	2.03	20.8	13.5	10.4	1.95	19.24
9	3	15	6.42	6.42	1.85	17.5	7.44	7.44	2.15	22.7	8.61	8.61	2.49	29.6	9.77	9.77	2.84	37.2	10.9	10.9	3.19	45.67
		17	9.15	6.03	2.66	33.0	9.12	7.31	2.65	32.8	9.08	8.57	2.63	32.5	9.78	9.78	2.84	37.3	10.9	10.9	3.19	45.71
		19	12.6	5.81	3.71	59.6	12.5	7.08	3.69	58.9	12.4	8.33	3.66	58.2	12.0	9.42	3.53	54.5	11.6	10.5	3.42	51.55
		20	14.4	5.69	4.25	75.7	14.3	6.96	4.22	74.8	14.2	8.21	4.19	74.0	13.9	9.38	4.11	71.4	13.4	10.4	3.94	66.15
	4	15	5.99	5.99	1.28	9.28	7.08	7.08	1.52	12.4	8.26	8.26	1.78	16.3	9.42	9.42	2.03	20.6	10.5	10.5	2.28	25.29
		17	8.26	5.67	1.78	16.3	8.26	6.96	1.78	16.3	8.57	8.36	1.84	17.4	9.43	9.43	2.03	20.6	10.5	10.5	2.28	25.32
		19	11.7	5.46	2.55	30.6	11.6	6.73	2.53	30.2	11.6	7.99	2.51	29.9	11.2	9.12	2.44	28.3	11.0	10.3	2.39	27.4
		20	13.6	5.35	2.96	39.8	13.5	6.62	2.94	39.3	13.4	7.88	2.92	38.9	13.2	9.07	2.87	37.7	12.5	10.0	2.72	34.32
	5	15	5.57	5.57	0.95	5.54	6.71	6.71	1.15	7.65	7.9	7.9	1.36	10.1	9.07	9.07	1.56	12.9	10.2	10.2	1.76	15.95
		17	7.27	5.27	1.25	8.78	7.51	6.66	1.29	9.28	8.11	8.11	1.39	10.6	9.07	9.07	1.56	12.9	10.2	10.2	1.76	15.97
		19	10.8	5.09	1.86	17.6	10.7	6.37	1.85	17.4	10.7	7.63	1.84	17.3	10.4	8.8	1.79	16.5	10.5	10.1	1.82	16.9
		20	12.7	4.99	2.19	23.4	12.6	6.26	2.17	23.1	12.5	7.53	2.16	22.8	12.3	8.73	2.13	22.3	11.7	9.77	2.03	20.47
	6	15	5.15	5.15	0.74	3.52	6.33	6.33	0.9	5.02	7.53	7.53	1.08	6.78	8.71	8.71	1.24	8.72	9.87	9.87	1.41	10.85
		17	6.27	4.89	0.9	4.93	6.89	6.41	0.98	5.8	7.68	7.68	1.1	7.01	8.71	8.71	1.25	8.73	9.87	9.87	1.41	10.86
		19	9.8	4.69	1.4	10.6	9.76	5.98	1.4	10.6	9.75	7.26	1.39	10.6	9.71	8.52	1.39	10.5	10.1	9.93	1.45	11.33
		20	11.7	4.62	1.68	14.6	11.6	5.89	1.66	14.4	11.5	7.16	1.66	14.3	11.4	8.38	1.64	14.0	11.0	9.5	1.58	13.21
11	3	15	5.04	5.04	1.44	11.2	6.23	6.23	1.79	16.3	7.41	7.41	2.14	22.3	8.58	8.58	2.48	29.0	9.73	9.73	2.83	36.5
		17	6.32	4.9	1.82	16.8	6.6	6.3	1.9	18.1	7.42	7.42	2.14	22.3	8.58	8.58	2.49	29.0	9.73	9.73	2.83	36.53
		19	9.79	4.69	2.85	36.9	9.73	5.97	2.83	36.4	9.69	7.24	2.82	36.2	9.53	8.45	2.77	35.1	9.76	9.76	2.84	36.7
		20	11.6	4.58	3.42	50.7	11.5	5.86	3.39	50.0	11.4	7.12	3.37	49.4	11.3	8.36	3.33	48.6	10.7	9.39	3.15	43.94
	4	15	4.66	4.66	1	5.93	5.87	5.87	1.26	8.84	7.05	7.05	1.52	12.2	8.23	8.23	1.77	16	9.38	9.38	2.02	20.19
		17	5.41	4.56	1.16	7.67	6.09	6.09	1.31	9.44	7.06	7.06	1.52	12.2	8.23	8.23	1.77	16.0	9.39	9.39	2.03	20.21
		19	8.8	4.32	1.9	18.0	8.77	5.61	1.89	17.9	8.78	6.89	1.89	17.9	8.84	8.19	1.91	18.1	9.4	9.4	2.03	20.27
		20	10.7	4.23	2.31	25.5	10.6	5.5	2.29	25.0	10.5	6.77	2.28	24.9	10.4	8.02	2.26	24.5	10.1	9.14	2.18	23.01
	5	15	4.27	4.27	0.73	3.45	5.49	5.49	0.94	5.32	6.69	6.69	1.15	7.5	7.87	7.87	1.35	9.95	9.03	9.03	1.55	12.67
		17	4.73	4.3	0.81	4.11	5.64	5.64	0.97	5.57	6.69	6.69	1.15	7.5	7.87	7.87	1.35	9.96	9.04	9.04	1.55	12.68
		19	7.72	3.92	1.33	9.6	7.72	5.22	1.33	9.62	7.86	6.56	1.35	9.92	8.3	7.99	1.43	10.9	9.05	9.05	1.55	12.7
		20	9.67	3.85	1.66	14.2	9.58	5.12	1.65	14.0	9.58	6.41	1.65	14.0	9.52	7.67	1.64	13.8	9.54	8.93	1.64	13.93
	6	15	3.84	3.84	0.55	2.1	5.1	5.1	0.73	3.41	6.31	6.31	0.9	4.92	7.5	7.5	1.07	6.64	8.67	8.67	1.24	8.55
		17	4.14	4.08	0.59	2.38	5.2	5.2	0.74	3.52	6.31	6.31	0.9	4.93	7.51	7.51	1.07	6.65	8.68	8.68	1.24	8.55
		19	6.52	3.49	0.93	5.19	6.58	4.81	0.94	5.28	7.13	6.29	1.02	6.07	7.81	7.81	1.12	7.12	8.68	8.68	1.24	8.56
		20	8.51	3.43	1.22	8.25	8.44	4.71	1.21	8.13	8.49	6.02	1.21	8.21	8.68	7.36	1.24	8.54	9.05	8.76	1.3	9.2

13	3	15	3.81	3.81	1.09	6.82	5.02	5.02	1.44	11.0	6.2	6.2	1.79	16.0	7.38	7.38	2.13	21.8	8.54	8.54	2.48	28.45
		17	3.95	3.95	1.13	7.25	5.02	5.02	1.44	11.0	6.21	6.21	1.79	16.0	7.38	7.38	2.13	21.9	8.54	8.54	2.48	28.47
		19	6.68	3.54	1.93	18.3	6.71	4.85	1.93	18.4	6.87	6.2	1.98	19.2	7.46	7.46	2.15	22.2	8.55	8.55	2.48	28.5
		20	8.6	3.47	2.49	28.7	8.5	4.74	2.46	28.2	8.52	6.03	2.47	28.3	8.47	7.29	2.45	28.0	8.75	8.65	2.54	29.73
	4	15	3.42	3.42	0.73	3.42	4.64	4.64	1	5.81	5.84	5.84	1.26	8.67	7.03	7.03	1.51	11.9	8.19	8.19	1.77	15.68
		17	3.49	3.49	0.75	3.55	4.65	4.65	1	5.81	5.85	5.85	1.26	8.67	7.03	7.03	1.51	11.9	8.2	8.2	1.77	15.69
		19	5.59	3.16	1.2	8.01	5.66	4.48	1.22	8.19	6.26	5.98	1.34	9.76	7.07	7.07	1.52	12.1	8.2	8.2	1.77	15.71
		20	7.5	3.08	1.61	13.4	7.43	4.36	1.6	13.1	7.5	5.67	1.61	13.4	7.71	7.02	1.66	14.0	8.33	8.33	1.8	16.16
	5	15	-	-	-	-	4.25	4.25	0.73	3.38	5.47	5.47	0.94	5.22	6.66	6.66	1.14	7.35	7.84	7.84	1.35	9.76
		17	-	-	-	-	4.25	4.25	0.73	3.38	5.47	5.47	0.94	5.22	6.67	6.67	1.14	7.36	7.84	7.84	1.35	9.76
		19	-	-	-	-	4.87	4.21	0.84	4.27	5.74	5.74	0.99	5.67	6.7	6.7	1.15	7.41	7.84	7.84	1.35	9.77
		20	-	-	-	-	6.28	3.96	1.08	6.61	6.53	5.34	1.12	7.08	7.13	6.82	1.23	8.27	7.94	7.94	1.37	9.98
	6	15	-	-	-	-	3.83	3.83	0.55	2.06	5.08	5.08	0.73	3.34	6.29	6.29	0.9	4.83	7.47	7.47	1.07	6.51
		17	-	-	-	-	3.83	3.83	0.55	2.06	5.08	5.08	0.73	3.34	6.29	6.29	0.9	4.83	7.48	7.48	1.07	6.52
		19	-	-	-	-	4.22	3.99	0.6	2.43	5.26	5.26	0.75	3.55	6.31	6.31	0.9	4.85	7.48	7.48	1.07	6.52
		20	-	-	-	-	5.04	3.55	0.72	3.29	5.79	5.09	0.83	4.17	6.62	6.62	0.95	5.27	7.55	7.55	1.08	6.63
15	3	15	-	-	-	-	3.79	3.79	1.09	6.69	5	5	1.44	10.8	6.18	6.18	1.78	15.7	7.35	7.35	2.12	21.45
		17	-	-	-	-	3.8	3.8	1.09	6.69	5	5	1.44	10.8	6.18	6.18	1.78	15.7	7.35	7.35	2.12	21.47
		19	-	-	-	-	4.02	3.92	1.15	7.41	5.02	5.02	1.44	10.9	6.18	6.18	1.78	15.7	7.35	7.35	2.13	21.49
		20	-	-	-	-	5.27	3.63	1.51	11.8	5.54	5.01	1.59	12.9	6.28	6.28	1.81	16.2	7.36	7.36	2.13	21.5
	4	15	-	-	-	-	3.4	3.4	0.73	3.35	4.63	4.63	0.99	5.7	5.82	5.82	1.25	8.5	7	7	1.51	11.73
		17	-	-	-	-	3.41	3.41	0.73	3.36	4.63	4.63	0.99	5.7	5.82	5.82	1.25	8.5	7	7	1.51	11.74
		19	-	-	-	-	3.53	3.53	0.76	3.57	4.64	4.64	1	5.72	5.83	5.83	1.25	8.51	7	7	1.51	11.75
		20	-	-	-	-	4.19	3.27	0.9	4.79	4.95	4.81	1.06	6.4	5.88	5.88	1.27	8.66	7.01	7.01	1.51	11.76
	5	15	-	-	-	-	-	-	-	-	4.24	4.24	0.73	3.31	5.45	5.45	0.94	5.12	6.64	6.64	1.14	7.21
		17	-	-	-	-	-	-	-	-	4.24	4.24	0.73	3.32	5.45	5.45	0.94	5.12	6.64	6.64	1.14	7.21
		19	-	-	-	-	-	-	-	-	4.24	4.24	0.73	3.32	5.45	5.45	0.94	5.13	6.64	6.64	1.14	7.22
		20	-	-	-	-	-	-	-	-	4.44	4.44	0.76	3.59	5.49	5.49	0.94	5.18	6.64	6.64	1.14	7.22
	6	15	-	-	-	-	-	-	-	-	3.82	3.82	0.55	2.02	5.06	5.06	0.72	3.27	6.26	6.26	0.9	4.73
		17	-	-	-	-	-	-	-	-	3.82	3.82	0.55	2.02	5.06	5.06	0.72	3.28	6.27	6.27	0.9	4.74
		19	-	-	-	-	-	-	-	-	3.82	3.82	0.55	2.03	5.06	5.06	0.72	3.28	6.27	6.27	0.9	4.74
		20	-	-	-	-	-	-	-	-	3.95	3.95	0.56	2.14	5.09	5.09	0.73	3.3	6.27	6.27	0.9	4.74

4-row Duct Heating capacity

MDKT4-200G30													
EWT	ΔT	Indoor temperature (D.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
40	6	3.36	0.48	2.84	3.02	0.44	2.38	2.7	0.39	1.96	2.37	0.34	1.58
	8	3.21	0.35	1.62	2.88	0.31	1.35	2.55	0.28	1.1	2.23	0.24	0.87
	10	3.07	0.27	1.03	2.73	0.24	0.85	2.4	0.21	0.65	2.08	0.18	0.41
	12	2.91	0.21	0.65	2.58	0.19	0.45	2.25	0.16	0.29	1.92	0.14	0.23
45	6	4.15	0.6	3.99	3.81	0.55	3.45	3.48	0.5	2.95	3.15	0.46	2.49
	8	4.01	0.43	2.3	3.67	0.4	1.98	3.34	0.36	1.69	3.01	0.33	1.42

	10	3.86	0.33	1.49	3.53	0.31	1.27	3.2	0.28	1.08	2.87	0.25	0.9
	12	3.72	0.27	1.03	3.38	0.24	0.88	3.05	0.22	0.73	2.72	0.2	0.58
50	6	4.94	0.72	5.27	4.6	0.67	4.66	4.26	0.62	4.09	3.93	0.57	3.55
	8	4.8	0.52	3.06	4.46	0.48	2.7	4.12	0.45	2.36	3.79	0.41	2.05
	10	4.66	0.4	1.99	4.32	0.38	1.75	3.98	0.35	1.53	3.65	0.32	1.32
	12	4.51	0.33	1.39	4.17	0.3	1.22	3.84	0.28	1.06	3.51	0.25	0.91
55	6	5.72	0.83	6.68	5.38	0.78	6	5.04	0.73	5.36	4.71	0.68	4.75
	8	5.59	0.61	3.9	5.24	0.57	3.5	4.91	0.53	3.12	4.57	0.5	2.76
	10	5.45	0.47	2.55	5.11	0.44	2.28	4.77	0.41	2.03	4.43	0.39	1.79
	12	5.31	0.38	1.79	4.97	0.36	1.6	4.63	0.34	1.42	4.29	0.31	1.25
60	6	6.51	0.95	8.21	6.17	0.9	7.46	5.82	0.85	6.75	5.48	0.8	6.08
	8	6.38	0.7	4.81	6.03	0.66	4.36	5.69	0.62	3.94	5.35	0.58	3.54
	10	6.24	0.54	3.16	5.89	0.51	2.86	5.55	0.48	2.58	5.21	0.45	2.31
	12	6.1	0.44	2.22	5.75	0.42	2.01	5.41	0.39	1.81	5.07	0.37	1.62

MDKT4-300G30													
EWT	ΔT	Indoor temperature (D.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
40	6	4.79	0.69	6.2	4.32	0.62	5.19	3.85	0.56	4.26	3.39	0.49	3.42
	8	4.59	0.5	3.52	4.11	0.45	2.93	3.65	0.39	2.38	3.18	0.34	1.89
	10	4.37	0.38	2.23	3.9	0.34	1.84	3.43	0.3	1.48	2.96	0.26	1.15
	12	4.16	0.3	1.51	3.68	0.27	1.23	3.21	0.23	0.96	2.74	0.2	0.64
45	6	5.92	0.86	8.74	5.45	0.79	7.55	4.97	0.72	6.45	4.51	0.65	5.44
	8	5.72	0.62	5.02	5.24	0.57	4.32	4.77	0.52	3.67	4.3	0.47	3.08
	10	5.51	0.48	3.22	5.04	0.44	2.76	4.56	0.4	2.33	4.09	0.36	1.94
	12	5.3	0.38	2.22	4.82	0.35	1.89	4.35	0.31	1.59	3.88	0.28	1.31
50	6	7.05	1.02	11.59	6.57	0.95	10.24	6.09	0.88	8.98	5.62	0.81	7.8
	8	6.85	0.74	6.7	6.37	0.69	5.91	5.89	0.64	5.16	5.42	0.59	4.47
	10	6.65	0.58	4.34	6.17	0.54	3.82	5.69	0.49	3.32	5.22	0.45	2.86
	12	6.44	0.47	3.02	5.96	0.43	2.64	5.48	0.4	2.29	5.01	0.36	1.96
55	6	8.18	1.19	14.73	7.69	1.12	13.22	7.21	1.05	11.8	6.73	0.98	10.47
	8	7.98	0.87	8.56	7.49	0.82	7.67	7.01	0.76	6.84	6.53	0.71	6.05
	10	7.78	0.68	5.58	7.29	0.63	4.99	6.81	0.59	4.43	6.33	0.55	3.91
	12	7.58	0.55	3.9	7.09	0.51	3.48	6.61	0.48	3.08	6.13	0.44	2.71
60	6	9.31	1.35	18.15	8.81	1.28	16.49	8.33	1.21	14.92	7.84	1.14	13.43
	8	9.11	0.99	10.59	8.62	0.94	9.61	8.13	0.89	8.68	7.65	0.83	7.8
	10	8.91	0.78	6.93	8.42	0.73	6.27	7.93	0.69	5.66	7.45	0.65	5.07
	12	8.71	0.63	4.87	8.22	0.6	4.4	7.73	0.56	3.96	7.25	0.53	3.54

MDKT4-400G30													
EWT	ΔT	Indoor temperature (D.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
40	6	5.8	0.84	8.62	5.22	0.75	7.2	4.65	0.67	5.9	4.09	0.59	4.72
	8	5.53	0.6	4.86	4.95	0.54	4.02	4.38	0.47	3.26	3.82	0.41	2.58
	10	5.25	0.45	3.05	4.67	0.4	2.5	4.1	0.36	2	3.53	0.31	1.56
	12	4.97	0.36	2.05	4.39	0.32	1.66	3.81	0.27	1.31	3.23	0.23	0.97
45	6	7.18	1.04	12.2	6.59	0.95	10.53	6.02	0.87	8.99	5.45	0.79	7.57
	8	6.91	0.75	6.97	6.33	0.69	5.99	5.76	0.62	5.08	5.19	0.56	4.24
	10	6.64	0.58	4.44	6.06	0.53	3.8	5.49	0.48	3.2	4.91	0.43	2.65
	12	6.37	0.46	3.04	5.78	0.42	2.58	5.21	0.38	2.16	4.63	0.33	1.77

50	6	8.55	1.24	16.23	7.96	1.15	14.33	7.38	1.07	12.56	6.81	0.99	10.9
	8	8.29	0.9	9.34	7.7	0.84	8.23	7.12	0.77	7.18	6.55	0.71	6.21
	10	8.03	0.7	6.02	7.44	0.65	5.28	6.86	0.6	4.59	6.28	0.55	3.95
	12	7.76	0.56	4.16	7.17	0.52	3.63	6.59	0.48	3.14	6.01	0.43	2.69
55	6	9.93	1.44	20.69	9.33	1.35	18.57	8.75	1.27	16.56	8.16	1.18	14.68
	8	9.67	1.05	11.98	9.08	0.99	10.72	8.49	0.92	9.54	7.91	0.86	8.44
	10	9.41	0.82	7.77	8.82	0.77	6.94	8.23	0.72	6.16	7.65	0.67	5.42
	12	9.14	0.66	5.41	8.55	0.62	4.82	7.97	0.58	4.26	7.38	0.54	3.74
60	6	11.3	1.64	25.55	10.7	1.56	23.21	10.11	1.47	20.99	9.52	1.38	18.89
	8	11.05	1.2	14.85	10.45	1.14	13.46	9.85	1.07	12.15	9.27	1.01	10.92
	10	10.79	0.94	9.67	10.19	0.89	8.75	9.6	0.84	7.89	9.01	0.79	7.07
	12	10.53	0.76	6.77	9.93	0.72	6.11	9.34	0.68	5.49	8.75	0.64	4.91

MDKT4-500G30													
EWT	ΔT	Indoor temperature (D.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
40	6	7.04	1.02	12.15	6.34	0.92	10.15	5.65	0.82	8.31	4.97	0.72	6.65
	8	6.71	0.73	6.83	6.01	0.65	5.66	5.32	0.58	4.59	4.64	0.5	3.62
	10	6.37	0.55	4.28	5.68	0.49	3.51	4.98	0.43	2.81	4.29	0.37	2.18
	12	6.03	0.43	2.86	5.32	0.38	2.32	4.62	0.33	1.83	3.92	0.28	1.39
45	6	8.71	1.26	17.24	8.01	1.16	14.89	7.31	1.06	12.71	6.62	0.96	10.69
	8	8.39	0.91	9.82	7.69	0.83	8.44	6.99	0.76	7.16	6.3	0.68	5.98
	10	8.06	0.7	6.25	7.36	0.64	5.34	6.66	0.58	4.5	5.97	0.52	3.73
	12	7.73	0.56	4.26	7.02	0.51	3.62	6.32	0.46	3.03	5.63	0.41	2.48
50	6	10.38	1.5	22.98	9.67	1.4	20.3	8.97	1.3	17.78	8.28	1.2	15.44
	8	10.07	1.09	13.2	9.36	1.02	11.62	8.66	0.94	10.15	7.96	0.86	8.77
	10	9.74	0.85	8.49	9.04	0.78	7.45	8.33	0.72	6.47	7.64	0.66	5.57
	12	9.42	0.68	5.86	8.71	0.63	5.12	8.01	0.58	4.43	7.31	0.53	3.78
55	6	12.06	1.75	29.33	11.34	1.64	26.33	10.63	1.54	23.5	9.92	1.44	20.84
	8	11.74	1.28	16.95	11.03	1.2	15.18	10.32	1.12	13.51	9.61	1.05	11.95
	10	11.42	0.99	10.97	10.71	0.93	9.8	10	0.87	8.7	9.3	0.81	7.67
	12	11.1	0.8	7.63	10.39	0.75	6.79	9.68	0.7	6.01	8.98	0.65	5.28
60	6	13.73	1.99	36.26	13	1.89	32.95	12.28	1.79	29.81	11.57	1.68	26.84
	8	13.41	1.46	21.04	12.69	1.38	19.09	11.98	1.31	17.24	11.27	1.23	15.48
	10	13.1	1.14	13.68	12.38	1.08	12.39	11.66	1.02	11.17	10.95	0.95	10.01
	12	12.78	0.93	9.56	12.06	0.88	8.64	11.35	0.82	7.77	10.64	0.77	6.94

MDKT4-600G30													
EWT	ΔT	Indoor temperature (D.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
40	6	8.63	1.25	17.44	7.78	1.12	14.56	6.94	1	11.93	6.1	0.88	9.55
	8	8.25	0.89	9.82	7.4	0.8	8.13	6.55	0.71	6.6	5.71	0.62	5.21
	10	7.85	0.68	6.16	7	0.61	5.06	6.15	0.53	4.05	5.31	0.46	3.15
	12	7.44	0.54	4.13	6.59	0.47	3.35	5.73	0.41	2.65	4.88	0.35	2.01
45	6	10.67	1.54	24.72	9.81	1.42	21.35	8.96	1.3	18.22	8.12	1.17	15.33
	8	10.29	1.12	14.1	9.43	1.02	12.12	8.58	0.93	10.28	7.74	0.84	8.59
	10	9.91	0.86	8.99	9.05	0.78	7.68	8.2	0.71	6.48	7.35	0.64	5.37
	12	9.51	0.69	6.14	8.65	0.62	5.21	7.8	0.56	4.36	6.95	0.5	3.58
50	6	12.71	1.84	32.95	11.84	1.71	29.1	10.98	1.59	25.5	10.13	1.47	22.13

	8	12.34	1.34	18.95	11.47	1.25	16.68	10.61	1.15	14.56	9.76	1.06	12.58
	10	11.96	1.04	12.2	11.09	0.96	10.7	10.23	0.89	9.3	9.38	0.81	8
	12	11.57	0.84	8.42	10.71	0.77	7.36	9.85	0.71	6.37	8.99	0.65	5.44
55	6	14.74	2.14	42.06	13.87	2.01	37.75	13	1.88	33.69	12.14	1.76	29.86
	8	14.38	1.56	24.33	13.5	1.47	21.78	12.63	1.37	19.39	11.77	1.28	17.14
	10	14	1.22	15.76	13.13	1.14	14.07	12.26	1.07	12.49	11.4	0.99	11
	12	13.62	0.99	10.96	12.75	0.92	9.76	11.88	0.86	8.64	11.02	0.8	7.58
60	6	16.78	2.44	51.99	15.89	2.31	47.24	15.02	2.18	42.73	14.15	2.05	38.47
	8	16.42	1.79	30.2	15.53	1.69	27.39	14.65	1.6	24.73	13.79	1.5	22.21
	10	16.05	1.4	19.65	15.16	1.32	17.79	14.29	1.24	16.03	13.42	1.17	14.36
	12	15.67	1.14	13.74	14.79	1.07	12.41	13.91	1.01	11.16	13.05	0.95	9.97

MDKT4-800G30													
EWT	ΔT	Indoor temperature (D.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
40	6	11.86	1.71	12.99	10.69	1.54	10.86	9.54	1.38	8.91	8.39	1.21	7.15
	8	11.34	1.23	7.34	10.17	1.1	6.1	9.01	0.98	4.96	7.87	0.85	3.93
	10	10.8	0.94	4.63	9.64	0.83	3.81	8.47	0.73	3.07	7.32	0.63	2.39
	12	10.26	0.74	3.12	9.08	0.65	2.54	7.91	0.57	2.02	6.75	0.49	1.53
45	6	14.66	2.12	18.35	13.48	1.95	15.86	12.32	1.78	13.55	11.16	1.61	11.42
	8	14.15	1.53	10.51	12.97	1.41	9.04	11.81	1.28	7.68	10.65	1.15	6.43
	10	13.63	1.18	6.73	12.45	1.08	5.76	11.28	0.98	4.86	10.13	0.88	4.04
	12	13.1	0.95	4.61	11.92	0.86	3.93	10.75	0.78	3.29	9.59	0.69	2.71
50	6	17.46	2.53	24.4	16.27	2.36	21.56	15.09	2.19	18.91	13.92	2.02	16.43
	8	16.96	1.84	14.08	15.77	1.71	12.4	14.59	1.58	10.84	13.42	1.46	9.38
	10	16.45	1.43	9.09	15.26	1.33	7.98	14.08	1.22	6.95	12.91	1.12	5.99
	12	15.93	1.15	6.3	14.74	1.07	5.51	13.56	0.98	4.78	12.39	0.9	4.09
55	6	20.26	2.94	31.08	19.06	2.77	27.91	17.87	2.59	24.92	16.69	2.42	22.11
	8	19.76	2.15	18.02	18.56	2.02	16.15	17.37	1.89	14.39	16.19	1.76	12.73
	10	19.26	1.68	11.71	18.06	1.57	10.47	16.87	1.47	9.3	15.69	1.37	8.2
	12	18.75	1.36	8.17	17.55	1.27	7.29	16.36	1.19	6.45	15.18	1.1	5.67
60	6	23.06	3.35	38.36	21.84	3.18	34.87	20.64	3	31.55	19.45	2.83	28.42
	8	22.56	2.46	22.33	21.35	2.33	20.26	20.15	2.2	18.31	18.96	2.07	16.45
	10	22.06	1.92	14.57	20.85	1.82	13.2	19.65	1.71	11.9	18.46	1.61	10.67
	12	21.56	1.57	10.21	20.35	1.48	9.23	19.15	1.39	8.31	17.96	1.3	7.44

MDKT4-1000G30													
EWT	ΔT	Indoor temperature (D.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
40	6	13.43	1.94	21.71	12.1	1.75	18.12	10.78	1.56	14.84	9.47	1.37	11.88
	8	12.79	1.38	12.19	11.46	1.24	10.09	10.14	1.1	8.18	8.83	0.96	6.45
	10	12.14	1.05	7.63	10.8	0.93	6.25	9.48	0.82	5	8.15	0.71	3.88
	12	11.46	0.83	5.09	10.12	0.73	4.12	8.78	0.63	3.25	7.44	0.54	2.45
45	6	16.63	2.4	30.81	15.29	2.21	26.6	13.96	2.02	22.7	12.64	1.83	19.11
	8	16	1.74	17.54	14.66	1.59	15.07	13.33	1.45	12.78	12.01	1.3	10.68
	10	15.37	1.33	11.16	14.03	1.22	9.53	12.69	1.1	8.03	11.37	0.99	6.65
	12	14.72	1.06	7.6	13.37	0.97	6.45	12.03	0.87	5.39	10.71	0.77	4.41
50	6	19.83	2.87	41.08	18.47	2.68	36.28	17.13	2.48	31.79	15.8	2.29	27.6
	8	19.21	2.09	23.59	17.86	1.94	20.77	16.52	1.79	18.13	15.19	1.65	15.67

	10	18.59	1.61	15.16	17.23	1.5	13.29	15.89	1.38	11.55	14.56	1.26	9.93
	12	17.95	1.3	10.45	16.6	1.2	9.13	15.25	1.1	7.89	13.92	1.01	6.74
55	6	23.03	3.34	52.44	21.66	3.14	47.08	20.3	2.95	42.02	18.96	2.75	37.26
	8	22.42	2.44	30.29	21.05	2.29	27.13	19.69	2.14	24.15	18.35	2	21.35
	10	21.8	1.9	19.6	20.43	1.78	17.51	19.08	1.66	15.54	17.74	1.54	13.69
	12	21.17	1.53	13.61	19.81	1.44	12.12	18.46	1.34	10.73	17.11	1.24	9.41
60	6	26.22	3.81	64.84	24.84	3.61	58.93	23.47	3.41	53.32	22.11	3.21	48.01
	8	25.62	2.79	37.61	24.24	2.64	34.12	22.87	2.49	30.81	21.51	2.35	27.68
	10	25.01	2.18	24.45	23.63	2.06	22.14	22.26	1.94	19.95	20.91	1.82	17.88
	12	24.39	1.77	17.07	23.01	1.67	15.43	21.65	1.57	13.87	20.29	1.47	12.4

MDKT4-1200G30													
EWT	ΔT	Indoor temperature (D.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
40	6	13.17	1.9	16.49	11.83	1.71	13.69	10.5	1.52	11.15	9.19	1.33	8.85
	8	12.4	1.34	9.09	11.06	1.2	7.47	9.73	1.05	5.99	8.4	0.91	4.67
	10	11.61	1	5.57	10.26	0.89	4.51	8.92	0.77	3.55	7.57	0.66	2.69
	12	10.79	0.78	3.62	9.42	0.68	2.88	8.05	0.58	2.21	6.67	0.48	1.58
45	6	16.39	2.37	23.59	15.04	2.17	20.31	13.7	1.98	17.27	12.38	1.79	14.47
	8	15.64	1.7	13.25	14.29	1.55	11.33	12.96	1.4	9.56	11.63	1.26	7.93
	10	14.88	1.29	8.3	13.53	1.17	7.05	12.18	1.06	5.89	10.85	0.94	4.83
	12	14.09	1.02	5.56	12.73	0.92	4.67	11.38	0.82	3.86	10.03	0.72	3.11
50	6	19.61	2.84	31.62	18.25	2.64	27.88	16.9	2.45	24.37	15.56	2.25	21.1
	8	18.87	2.05	17.97	17.51	1.9	15.77	16.16	1.75	13.72	14.83	1.61	11.81
	10	18.13	1.57	11.41	16.76	1.45	9.97	15.41	1.34	8.62	14.07	1.22	7.37
	12	17.36	1.25	7.76	15.99	1.16	6.74	14.64	1.06	5.79	13.29	0.96	4.91
55	6	22.82	3.31	40.53	21.45	3.11	36.33	20.08	2.91	32.37	18.73	2.72	28.65
	8	22.1	2.4	23.2	20.72	2.25	20.74	19.36	2.11	18.42	18.01	1.96	16.24
	10	21.36	1.86	14.87	19.99	1.74	13.25	18.63	1.62	11.72	17.28	1.5	10.28
	12	20.61	1.49	10.22	19.24	1.39	9.07	17.87	1.29	7.99	16.52	1.2	6.97
60	6	26.03	3.78	50.25	24.64	3.58	45.62	23.27	3.38	41.22	21.9	3.18	37.06
	8	25.32	2.76	28.93	23.93	2.61	26.21	22.56	2.46	23.62	21.19	2.31	21.18
	10	24.59	2.14	18.66	23.2	2.02	16.86	21.83	1.9	15.15	20.47	1.78	13.54
	12	23.85	1.73	12.92	22.47	1.63	11.64	21.09	1.53	10.43	19.73	1.43	9.29

MDKT4-1400G30													
EWT	ΔT	Indoor temperature (D.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
40	6	13.41	1.93	16.81	12.03	1.73	13.91	10.66	1.54	11.26	9.3	1.34	8.87
	8	12.55	1.36	9.12	11.16	1.21	7.44	9.78	1.06	5.92	8.4	0.91	4.55
	10	11.65	1.01	5.48	10.25	0.89	4.39	8.85	0.77	3.4	7.44	0.64	2.52
	12	10.7	0.77	3.47	9.27	0.67	2.71	7.83	0.56	2.03	6.35	0.46	1.42
45	6	16.73	2.41	24.27	15.34	2.21	20.85	13.96	2.01	17.67	12.59	1.82	14.75
	8	15.89	1.72	13.48	14.5	1.57	11.48	13.12	1.42	9.64	11.74	1.27	7.94
	10	15.03	1.3	8.32	13.63	1.18	7.02	12.24	1.06	5.82	10.85	0.94	4.72
	12	14.13	1.02	5.48	12.72	0.92	4.56	11.31	0.82	3.73	9.9	0.71	2.96
50	6	20.04	2.89	32.73	18.64	2.69	28.81	17.25	2.49	25.14	15.87	2.29	21.72
	8	19.22	2.08	18.45	17.82	1.93	16.15	16.43	1.78	14	15.05	1.63	12
	10	18.38	1.59	11.59	16.98	1.47	10.08	15.58	1.35	8.68	14.19	1.23	7.37

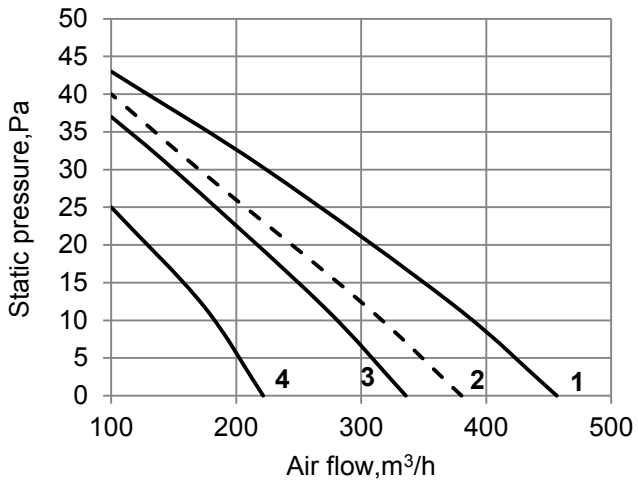
	12	17.51	1.26	7.78	16.1	1.16	6.72	14.7	1.06	5.73	13.3	0.96	4.82
55	6	23.12	3.05	35.31	21.84	3.04	35.12	20.53	2.96	33.58	19.14	2.76	29.68
	8	22.54	2.44	23.99	21.13	2.29	21.4	19.72	2.14	18.96	18.33	1.99	16.67
	10	21.72	1.88	15.24	20.3	1.76	13.53	18.9	1.64	11.93	17.5	1.52	10.43
	12	20.87	1.51	10.37	19.45	1.41	9.16	18.04	1.31	8.03	16.65	1.2	6.98
60	6	-	-	-	-	-	-	-	-	-	-	-	-
	8	25.86	2.81	30.07	24.43	2.65	27.2	23.01	2.5	24.48	21.61	2.35	21.9
	10	25.04	2.18	19.25	23.61	2.05	17.36	22.2	1.93	15.57	20.8	1.81	13.87
	12	24.21	1.75	13.21	22.78	1.65	11.87	21.37	1.55	10.6	19.96	1.45	9.41

11.Static Pressure Graphs

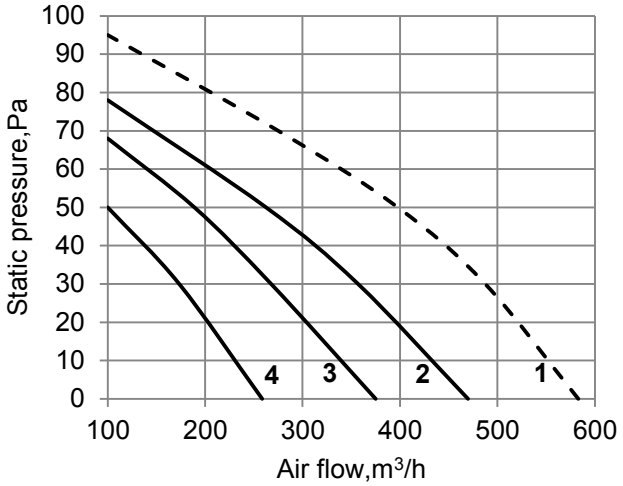
How to read the diagram:

- The vertical axis is the External Static Pressure (Pa) while the horizontal axis represents the Air Flow (m^3/h).
- The fan performance curves are for the“1-Super High”, “2-High”, “3-Medium” and “4-Low” fan speed.
- The dotted line stands for reserved fan speed.

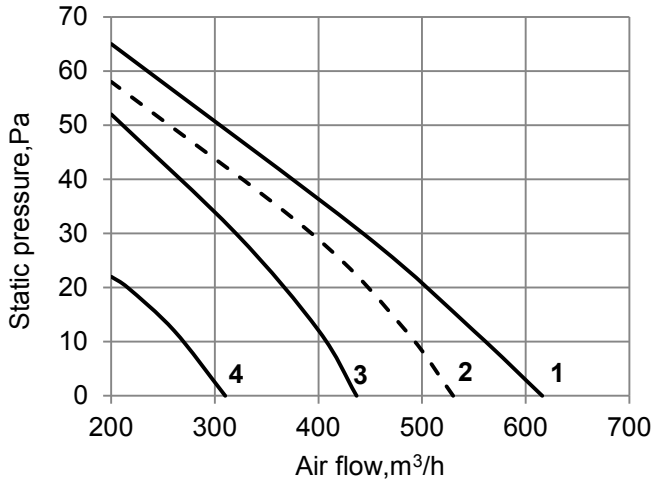
MDKT2-200G12 **MDKT2-200G30 / MDKT2-200EG30**



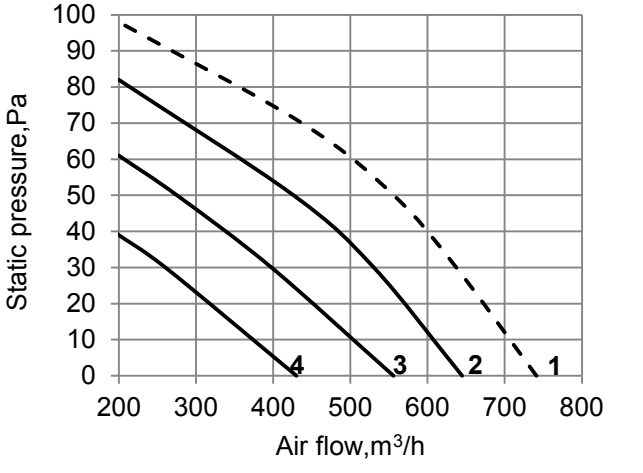
MDKT2-300G12



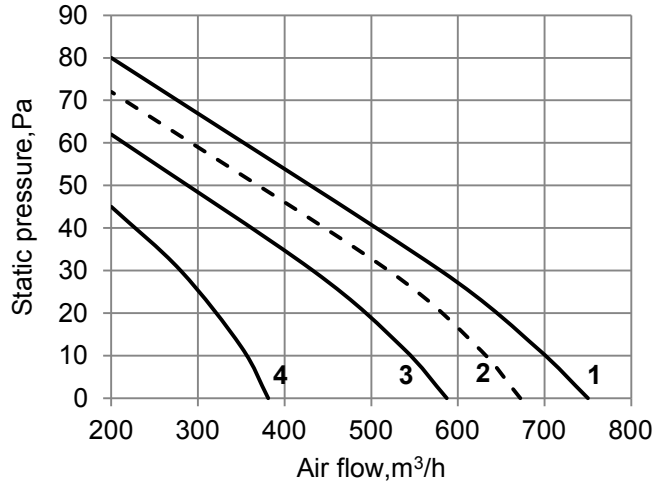
MDKT2-300G30 / MDKT2-300EG30



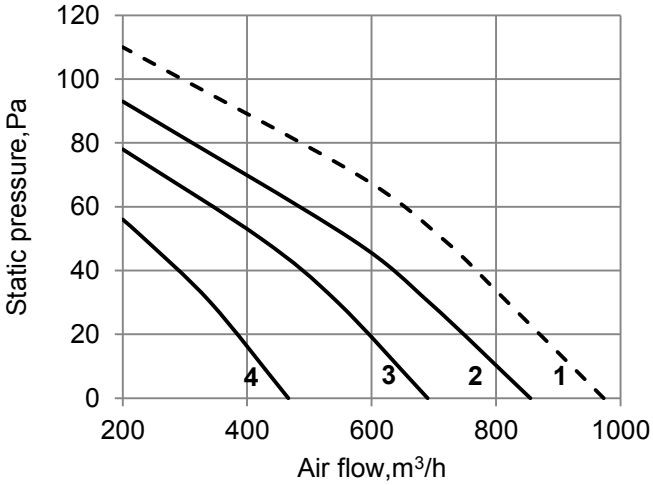
MDKT2-400G12



MDKT2-400G30 / MDKT2-400EG30

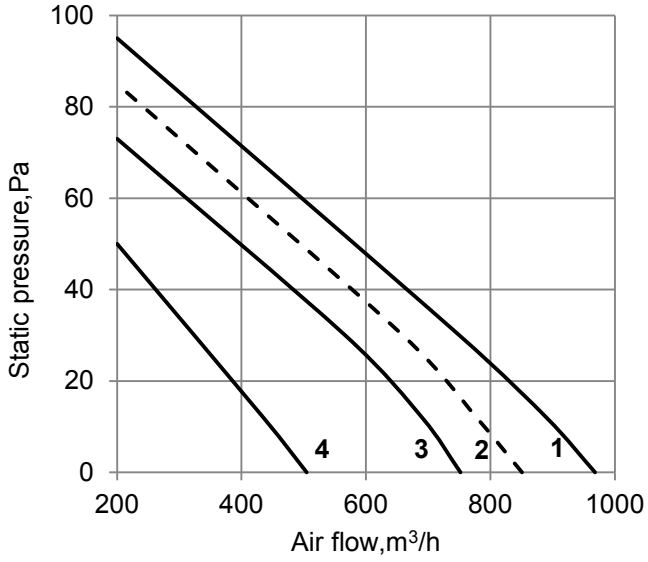


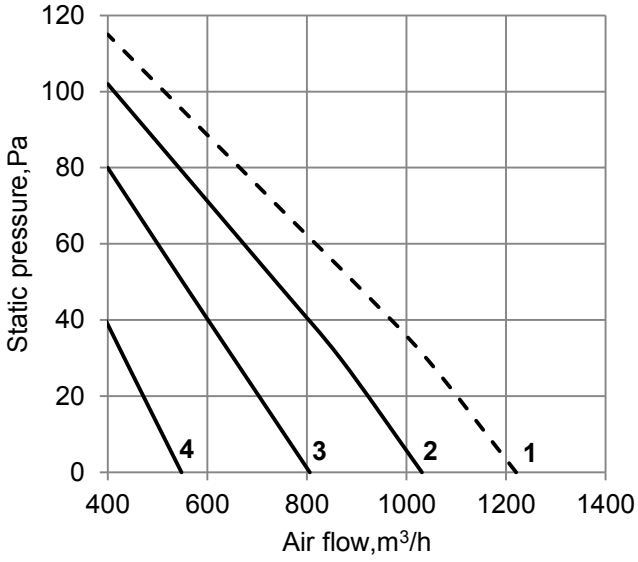
MDKT2-500G12



MDKT2-500G30 / MDKT2-500EG30

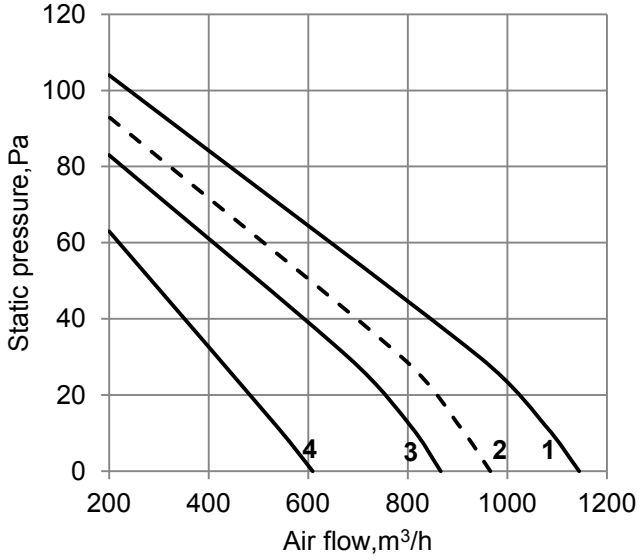
Static pressure graphs

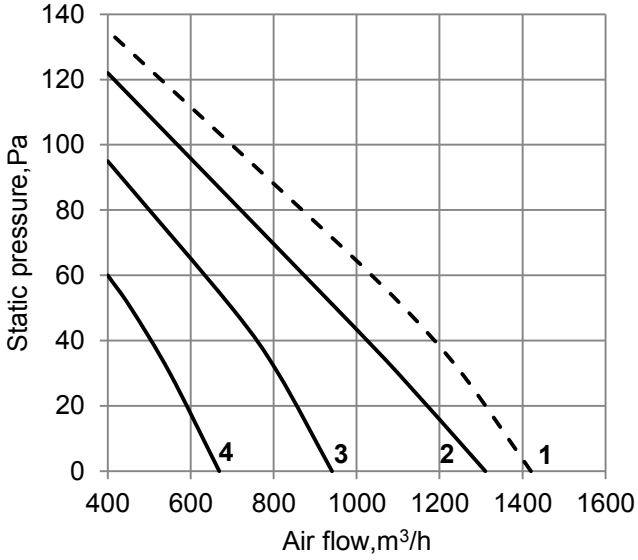




MDKT2-600G12

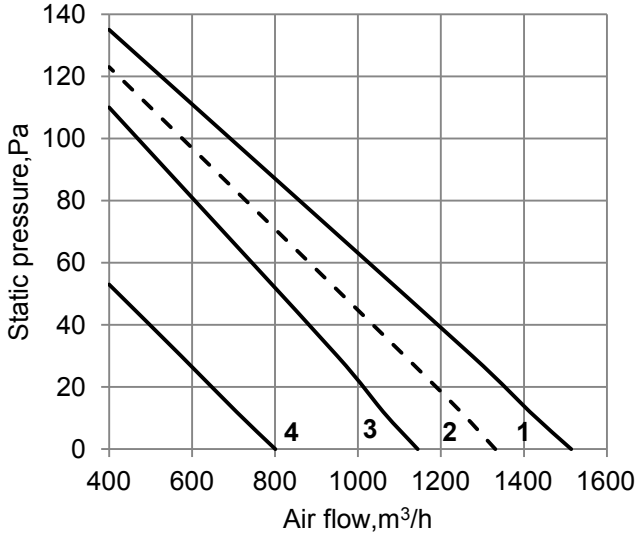
MDKT2-600G30 / MDKT2-600EG30

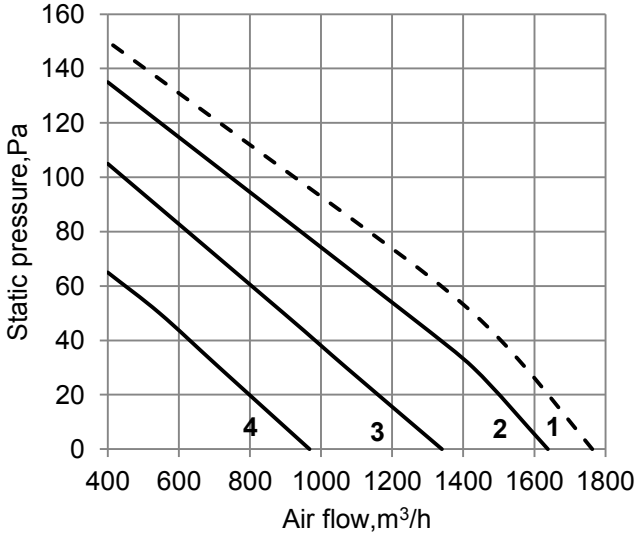




MDKT2-800G12

MDKT2-800G30 / MDKT2-800EG30

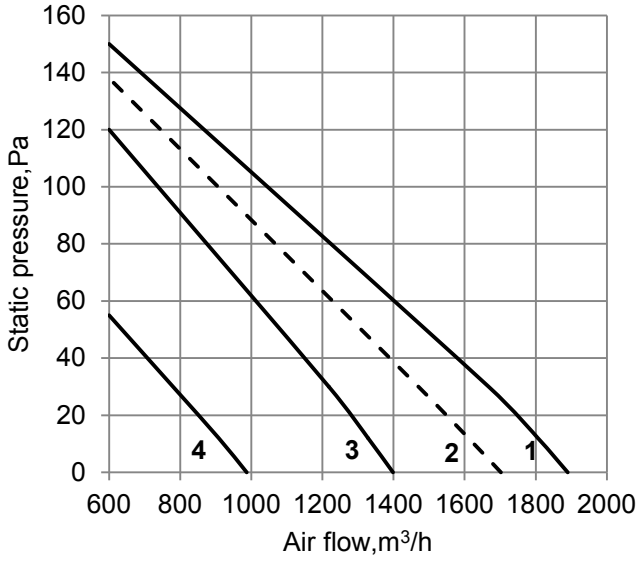


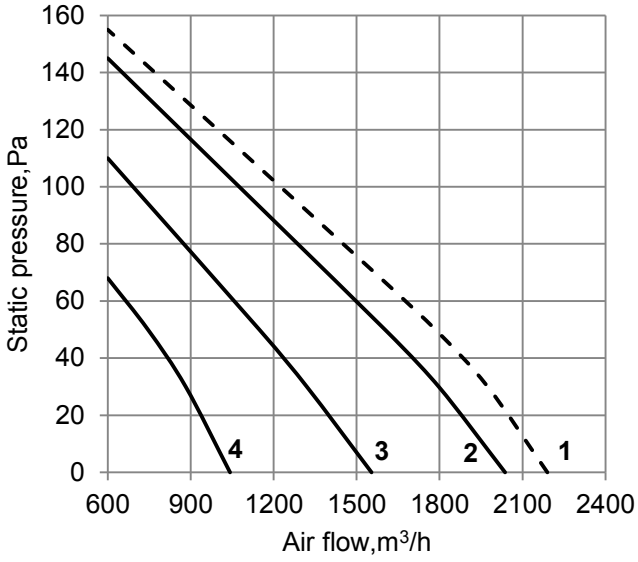


Static pressure graphs

MDKT2-1000G12

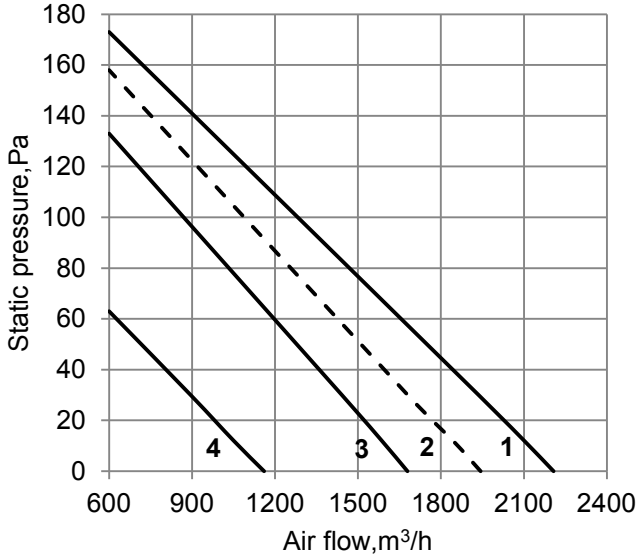
MDKT2-1000G30 / MDKT2-1000EG30

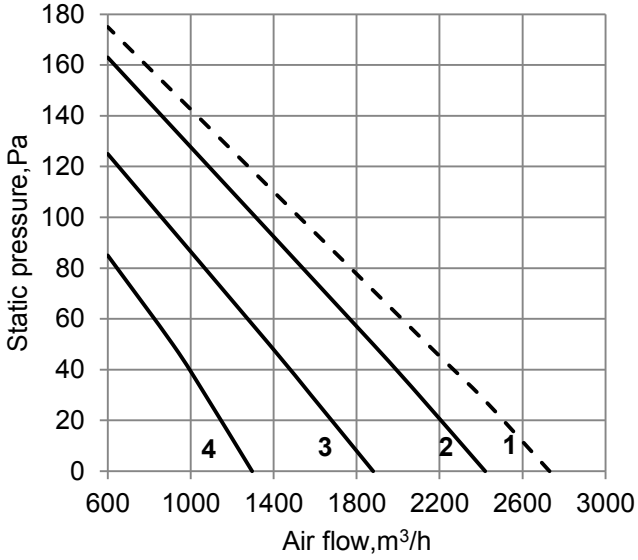




MDKT2-1200G12

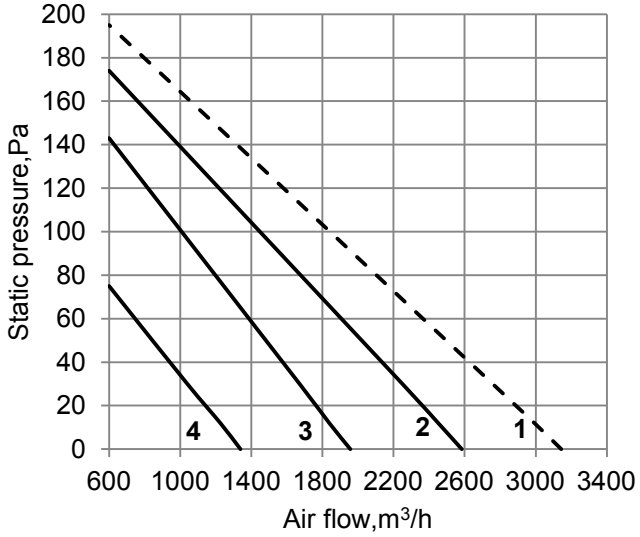
MDKT2-1200G30 / MDKT2-1200EG30

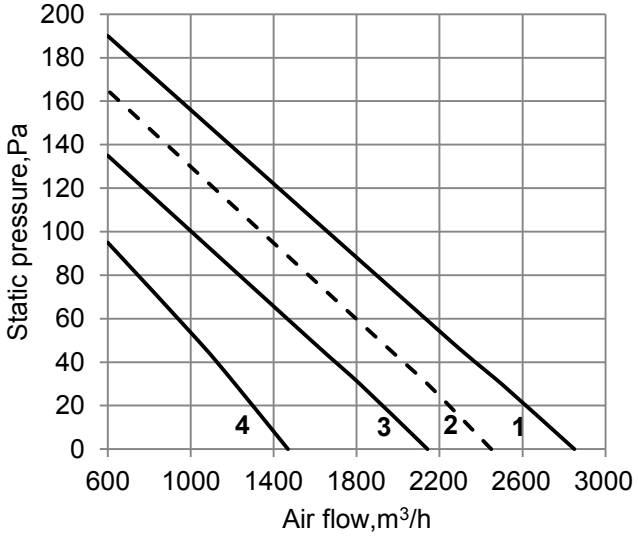




MDKT2-1400G12

MDKT2-1400G30 / MDKT2-1400EG30

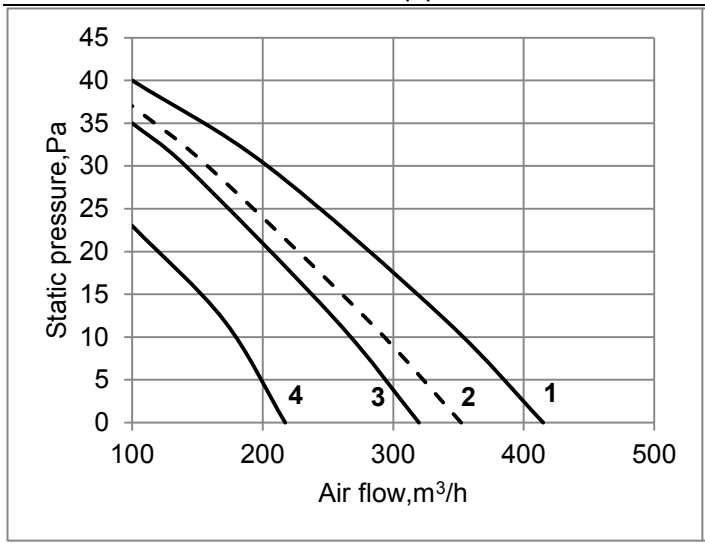


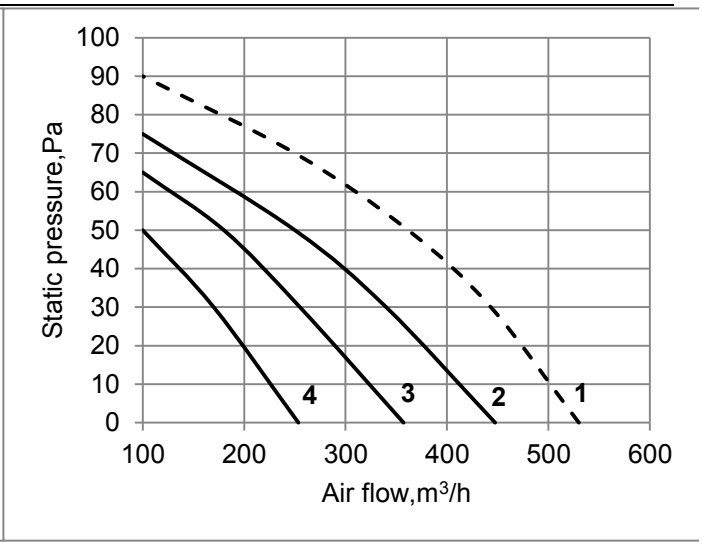


Static pressure graphs

MDKT3-200G12

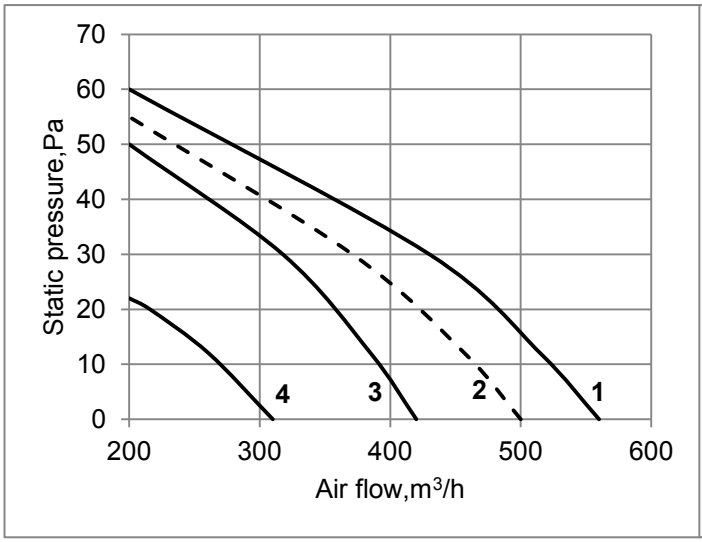
MDKT3-200G30 / MDKT3-200EG30

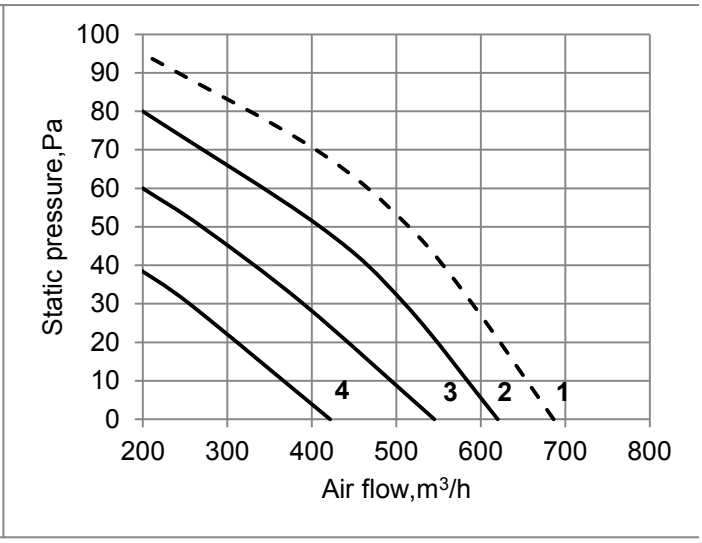




MDKT3-300G12

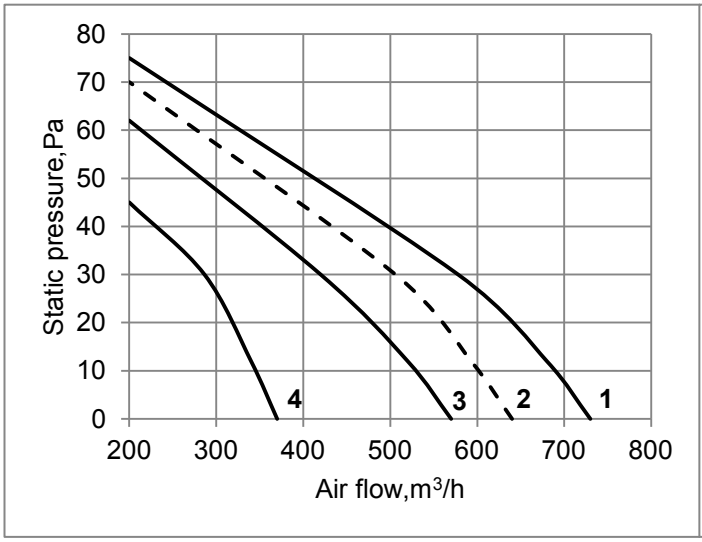
MDKT3-300G30 / MDKT3-300EG30

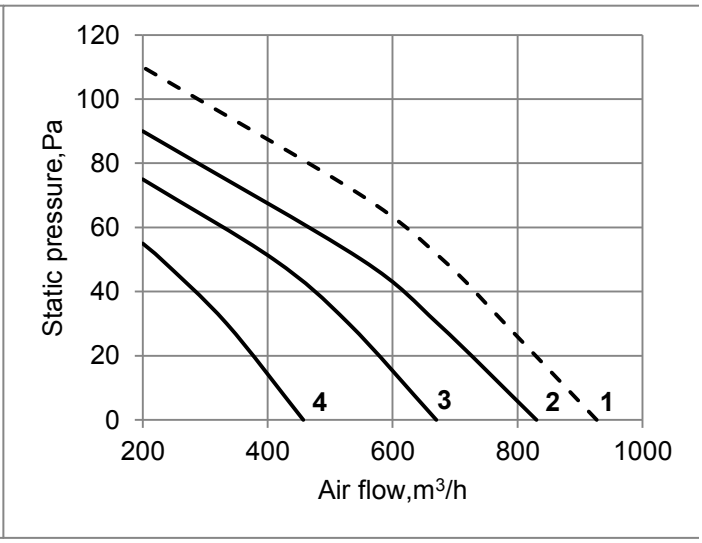




MDKT3-400G12

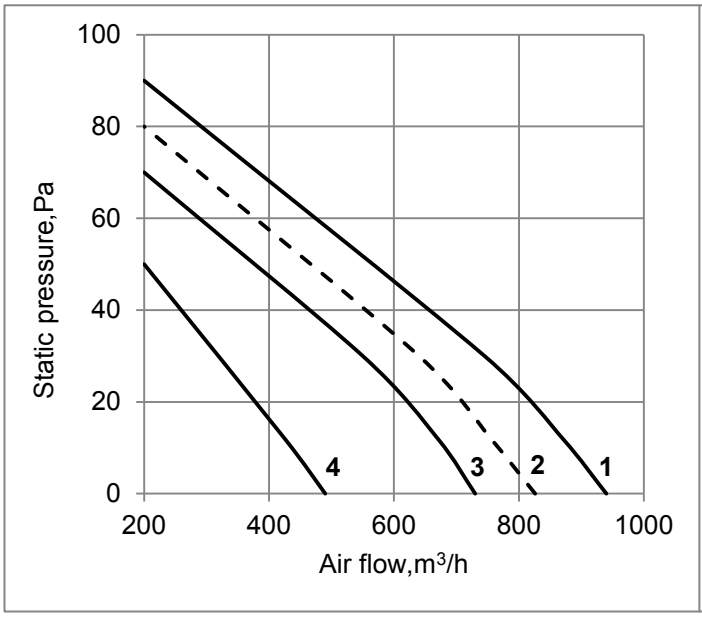
MDKT3-400G30 / MDKT3-400EG30



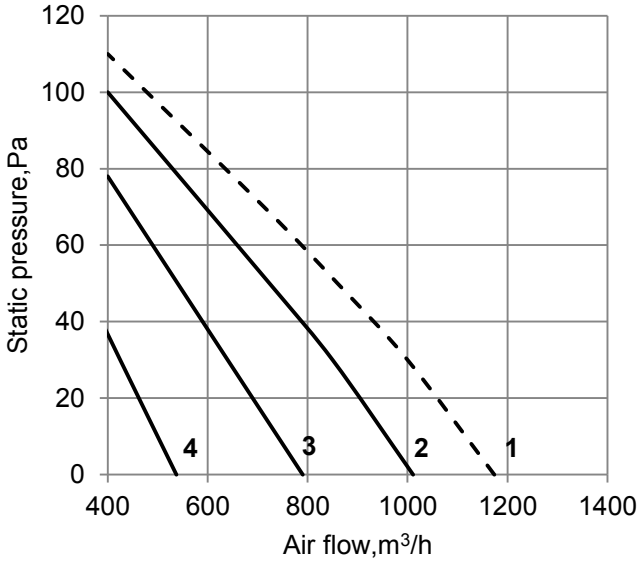


Static pressure graphs

MDKT3-500G12



MDKT3-500G30 / MDKT3-500EG30



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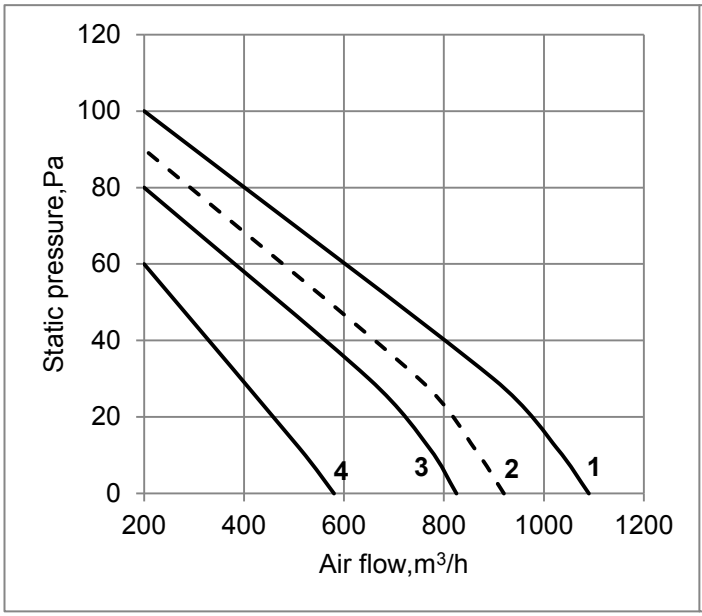
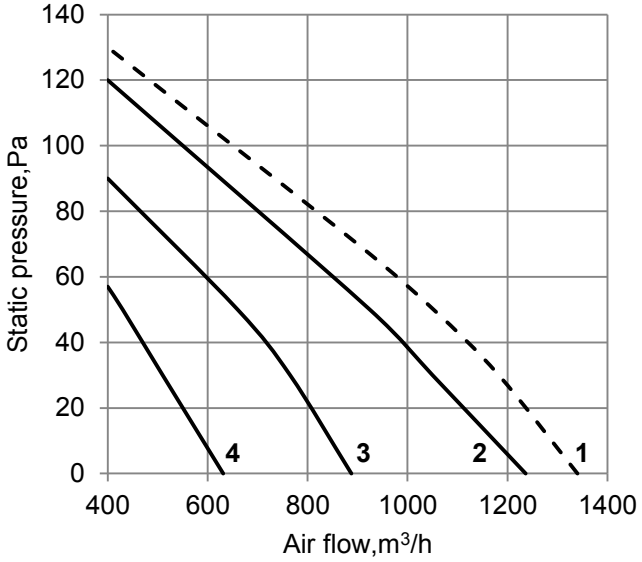
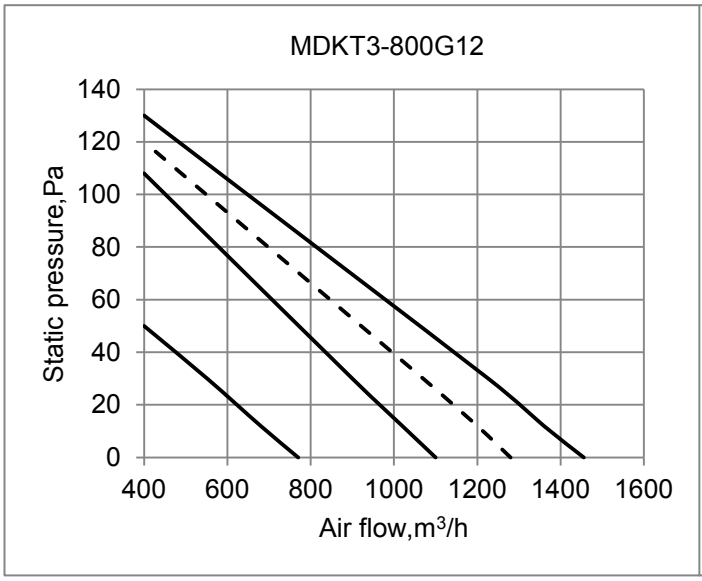


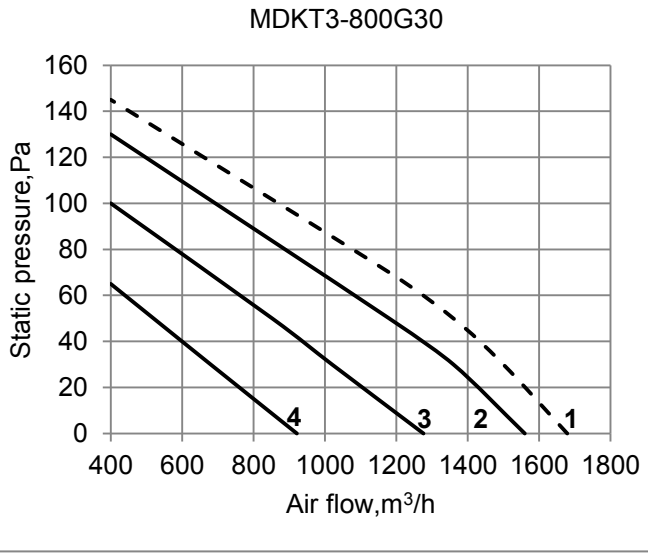
MDKT3-600G30 / MDKT3-600EG30



MDKT3-800G12

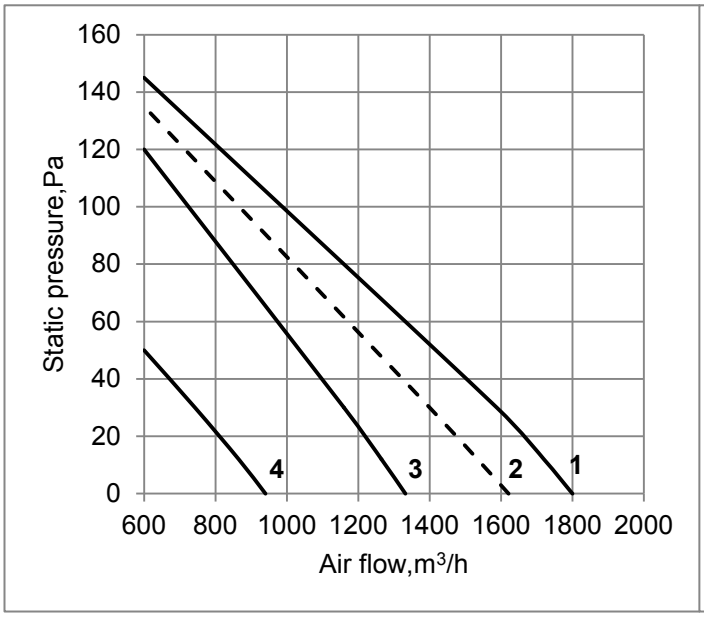


MDKT3-800G30 / MDKT3-800EG30

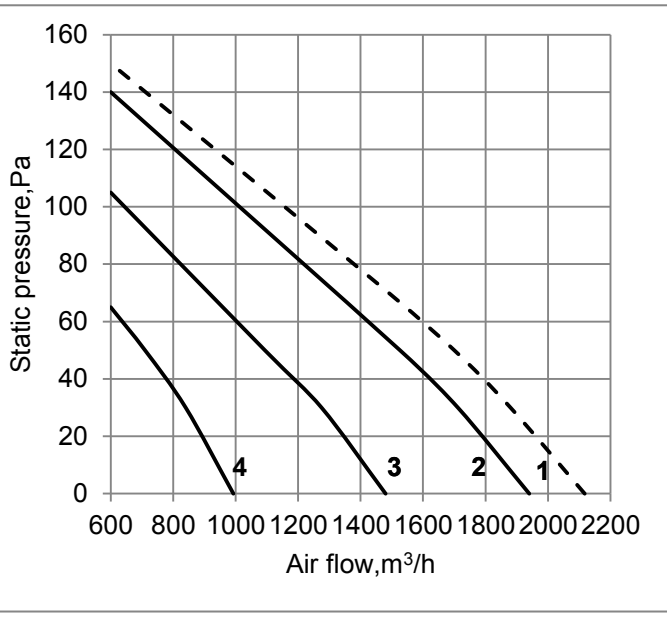


Static pressure graphs

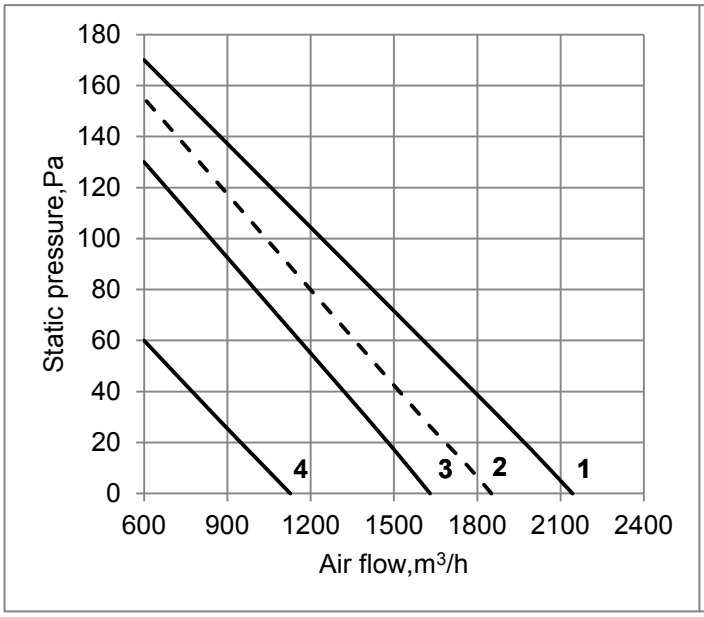
MDKT3-1000G12



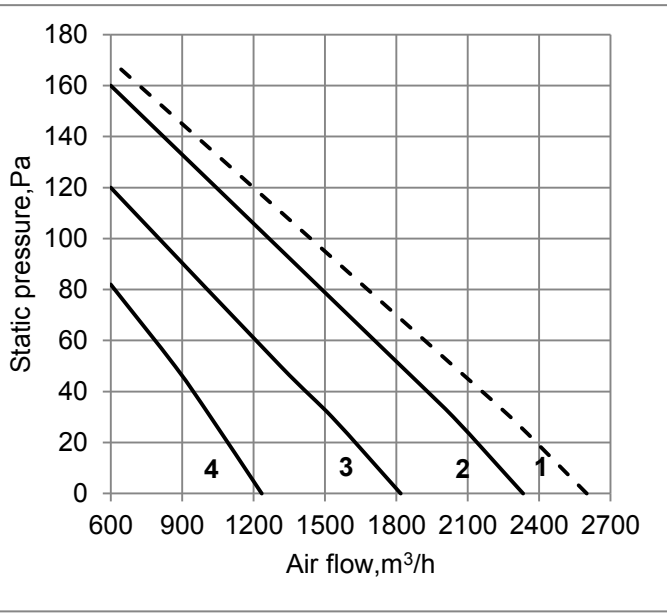
MDKT3-1000G30 / MDKT3-1000EG30



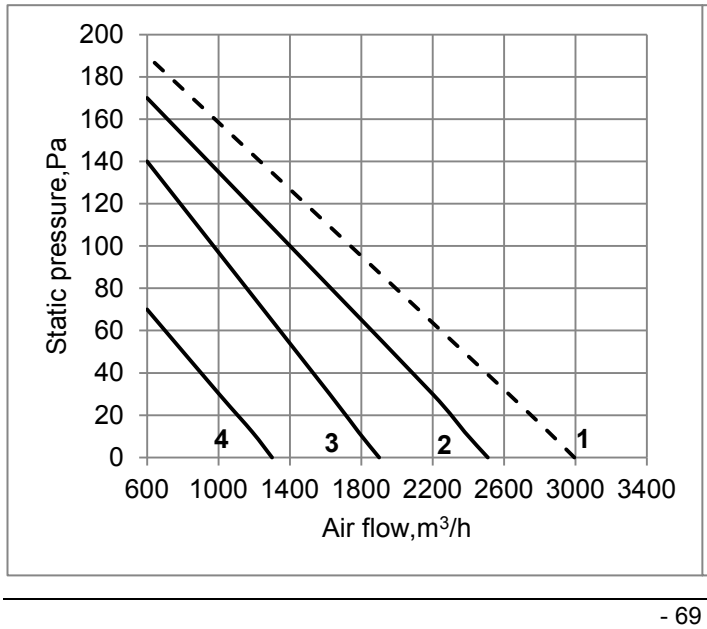
MDKT3-1200G12



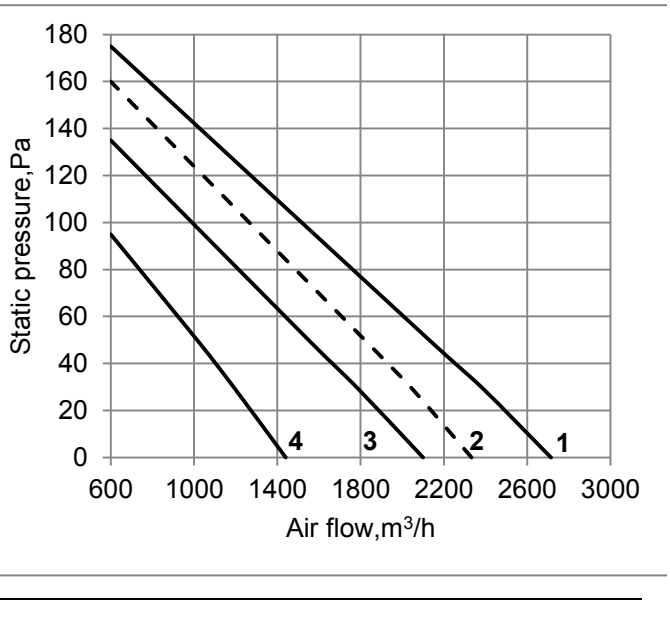
MDKT3-1200G30 / MDKT3-1200EG30



MDKT3-1400G12

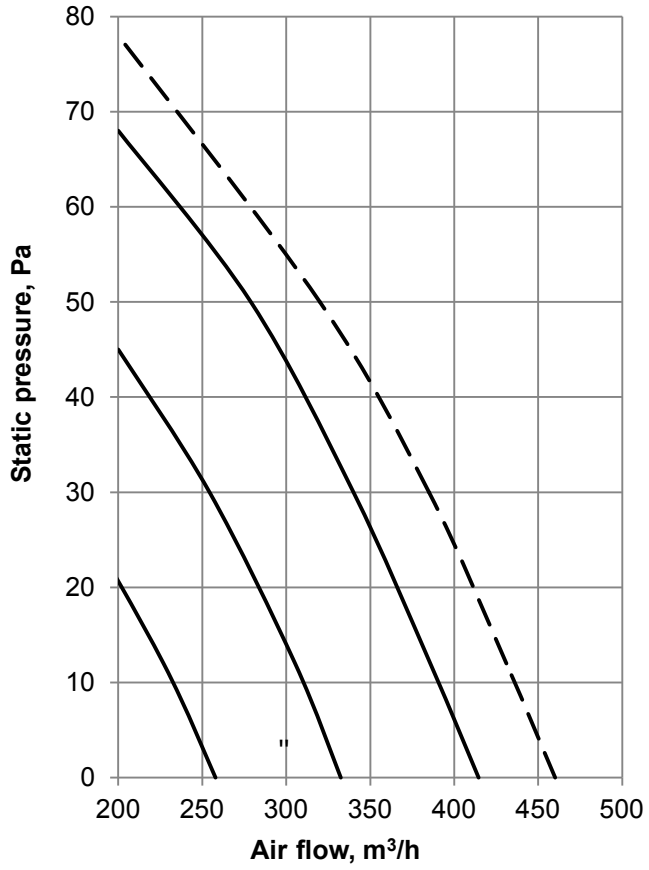


MDKT3-1400G30 / MDKT3-1400EG30

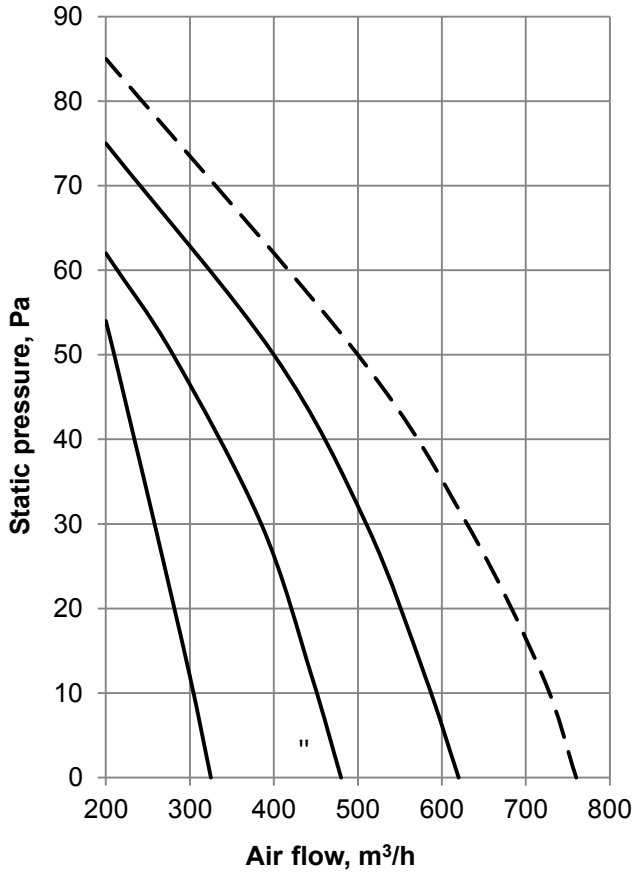


Static pressure graphs

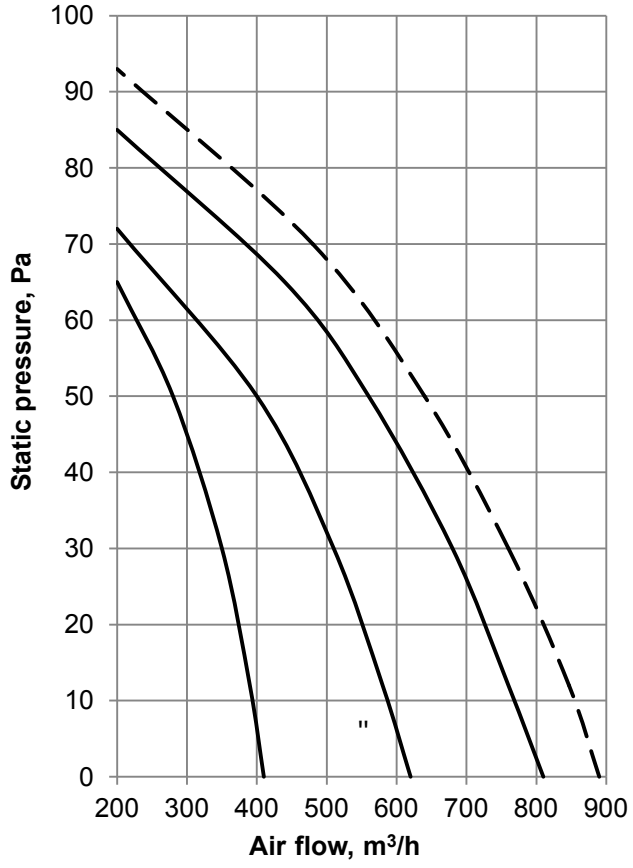
MDKT4-200G30



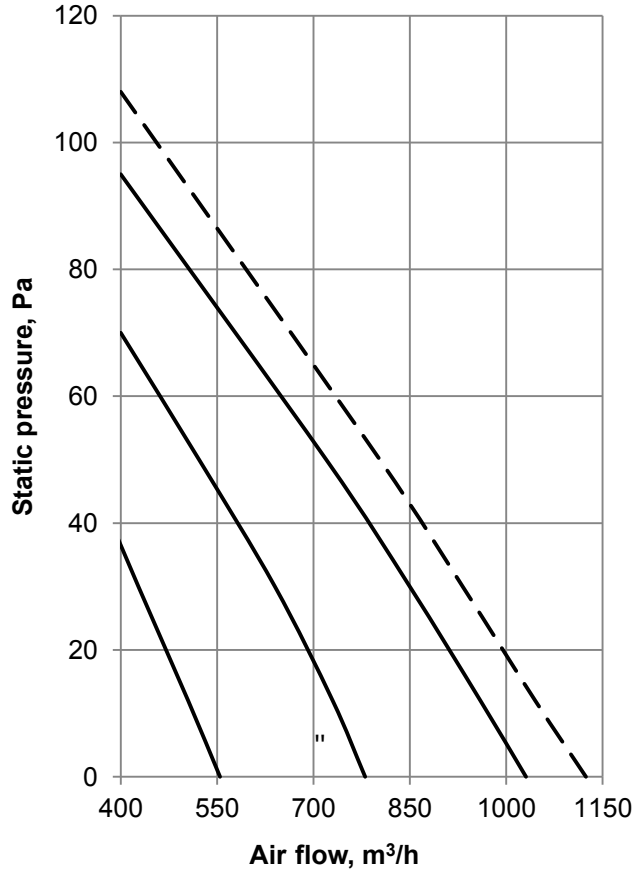
MDKT4-300G30



MDKT4-400G30

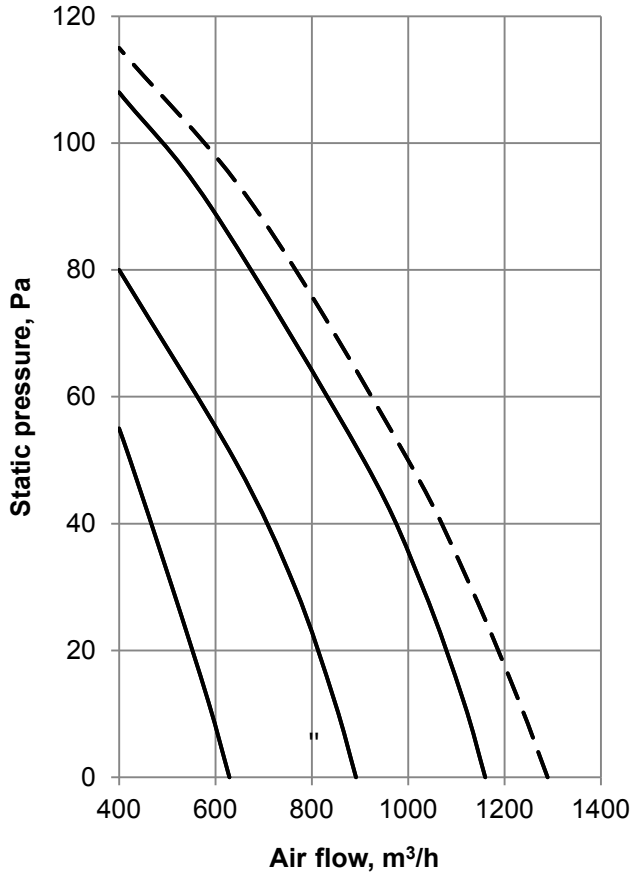


MDKT4-500G30

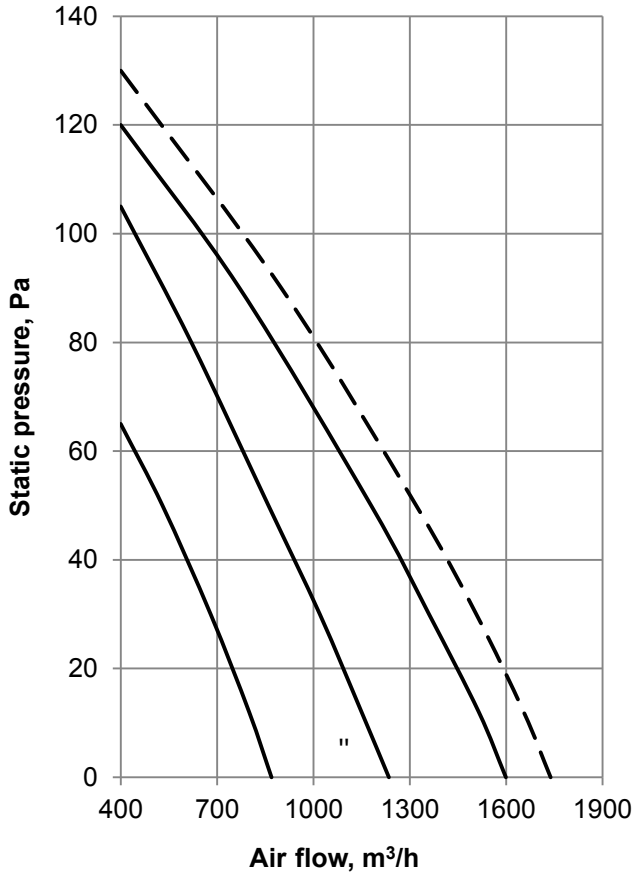


Static pressure graphs

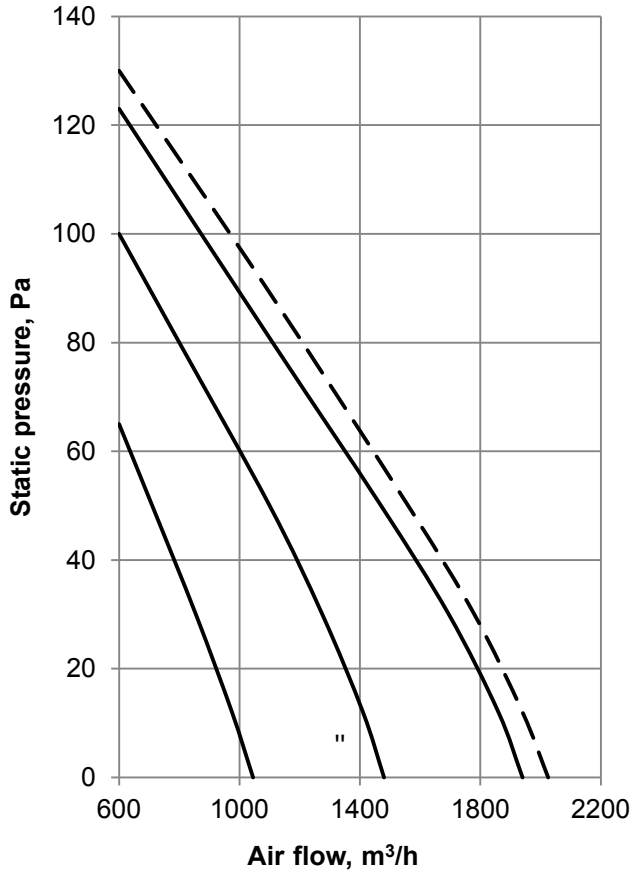
MDKT4-600G30



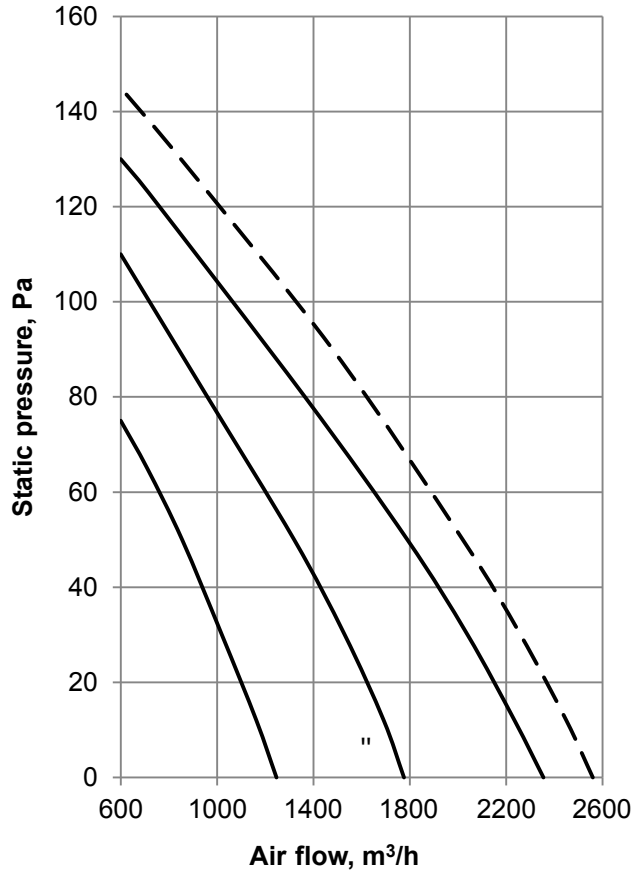
MDKT4-800G30



MDKT4-1000G30

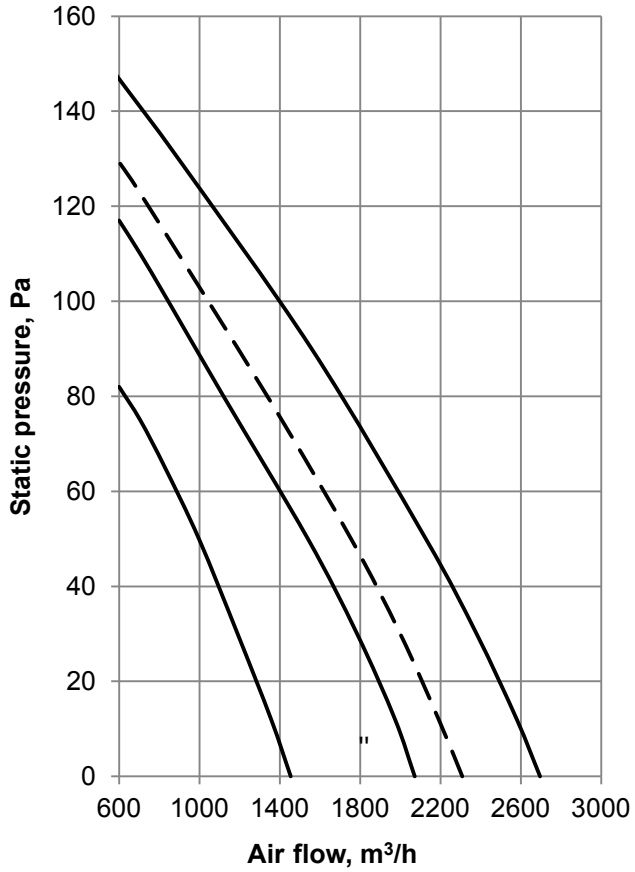


MDKT4-1200G30

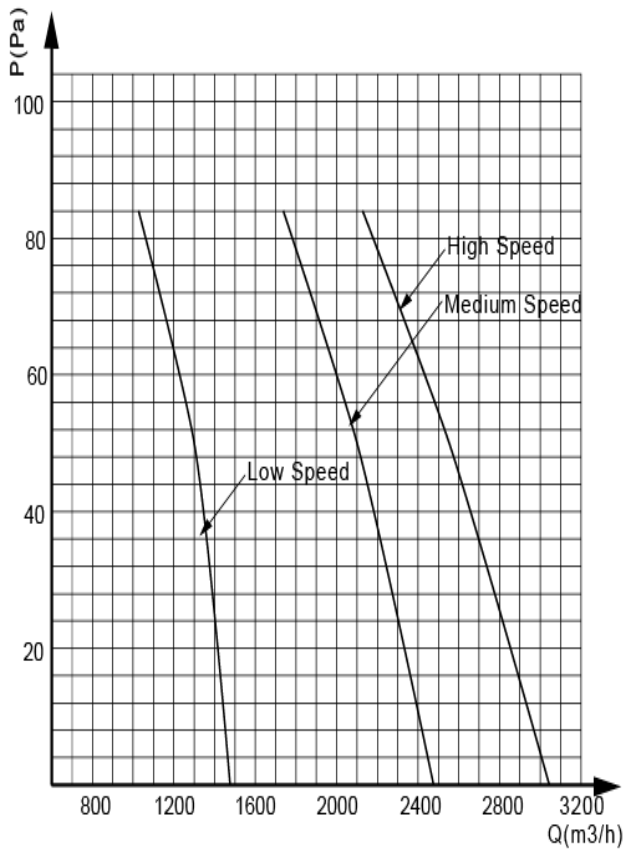


Static pressure graphs

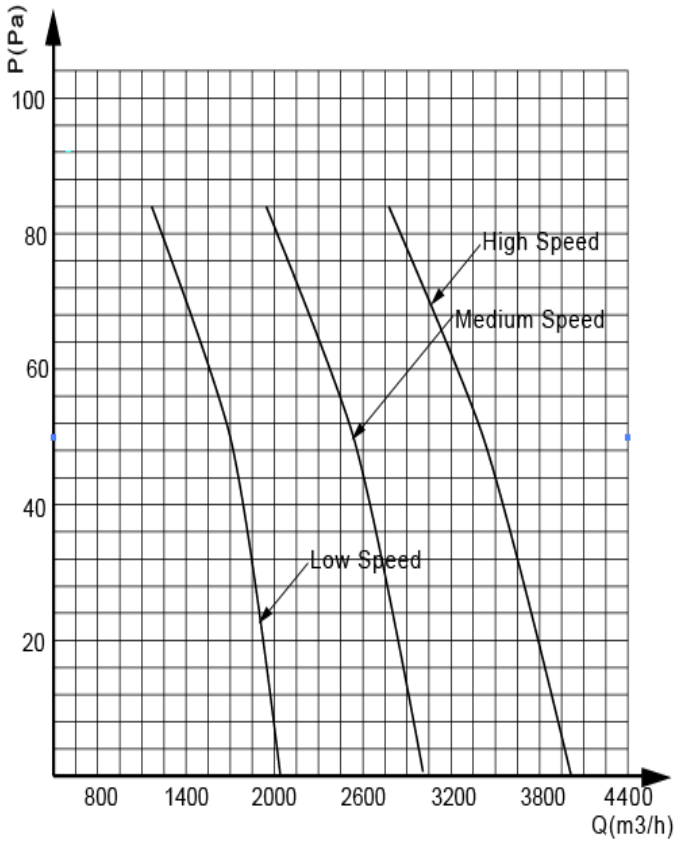
MDKT4-1400G30



MDKT4H-1500G50



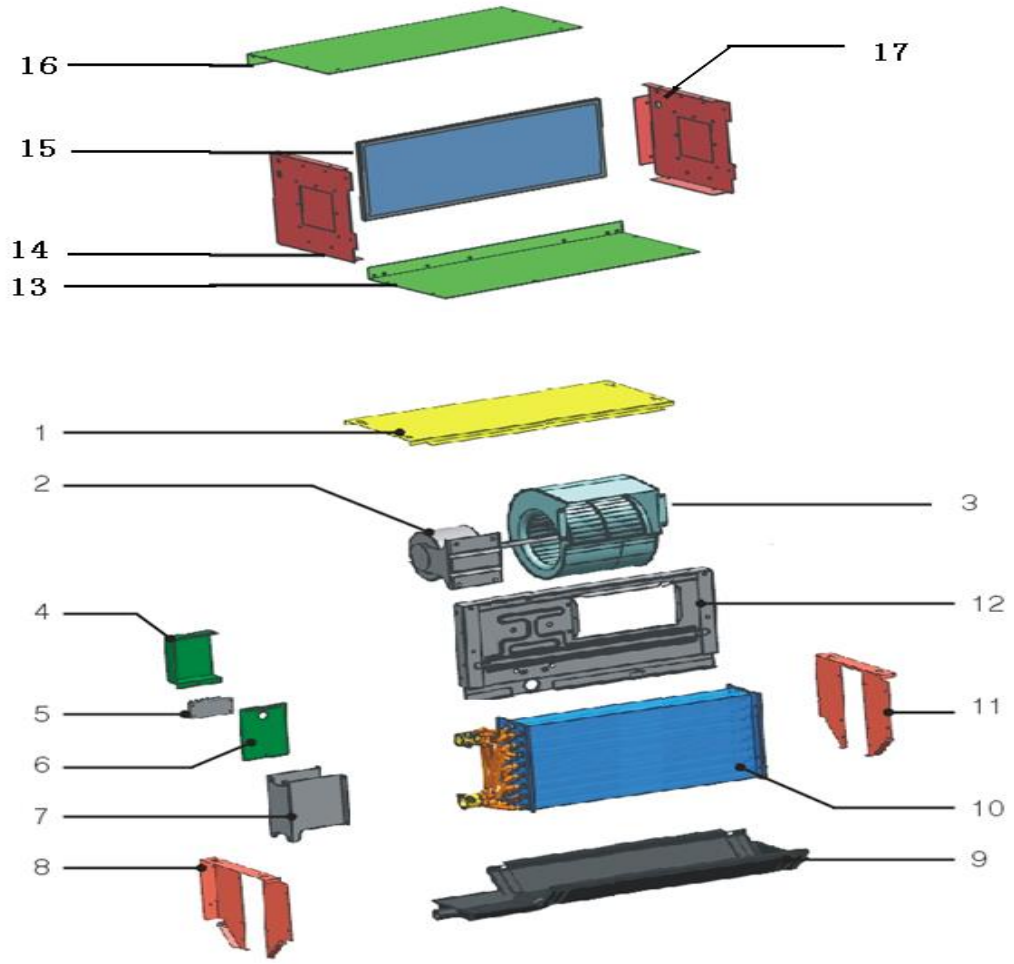
MDKT4H-2000G50



12.Exploded View

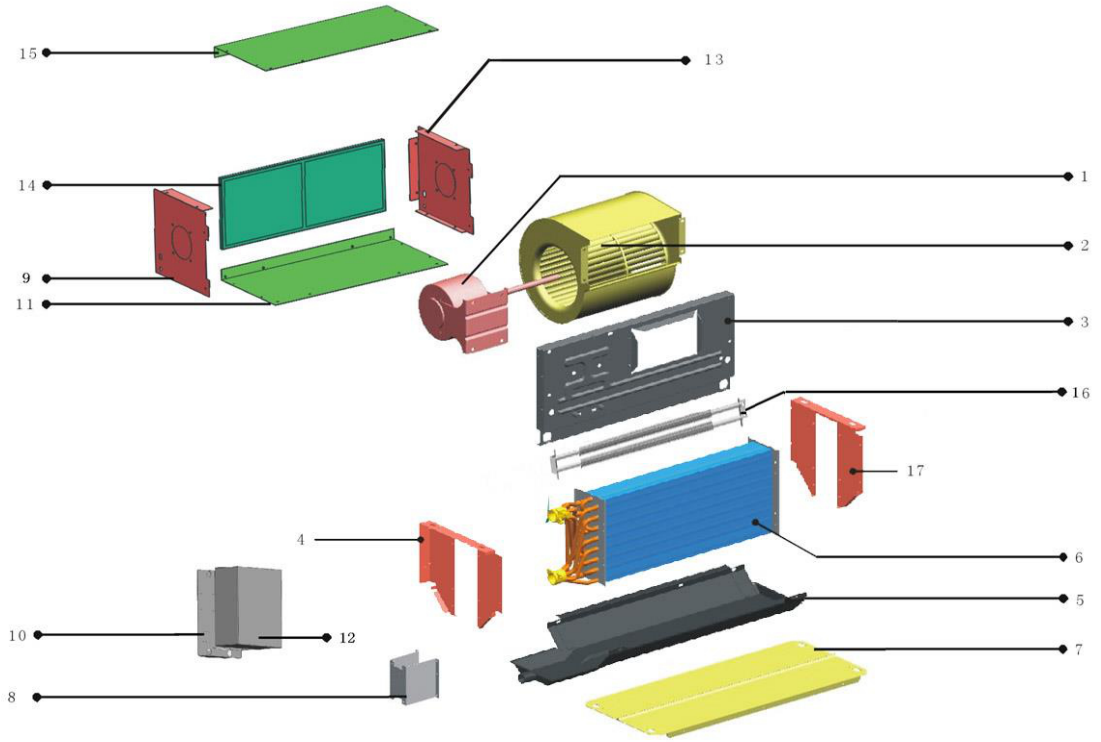
2-row Unit

MDKT2-200G12, MDKT2-200G30



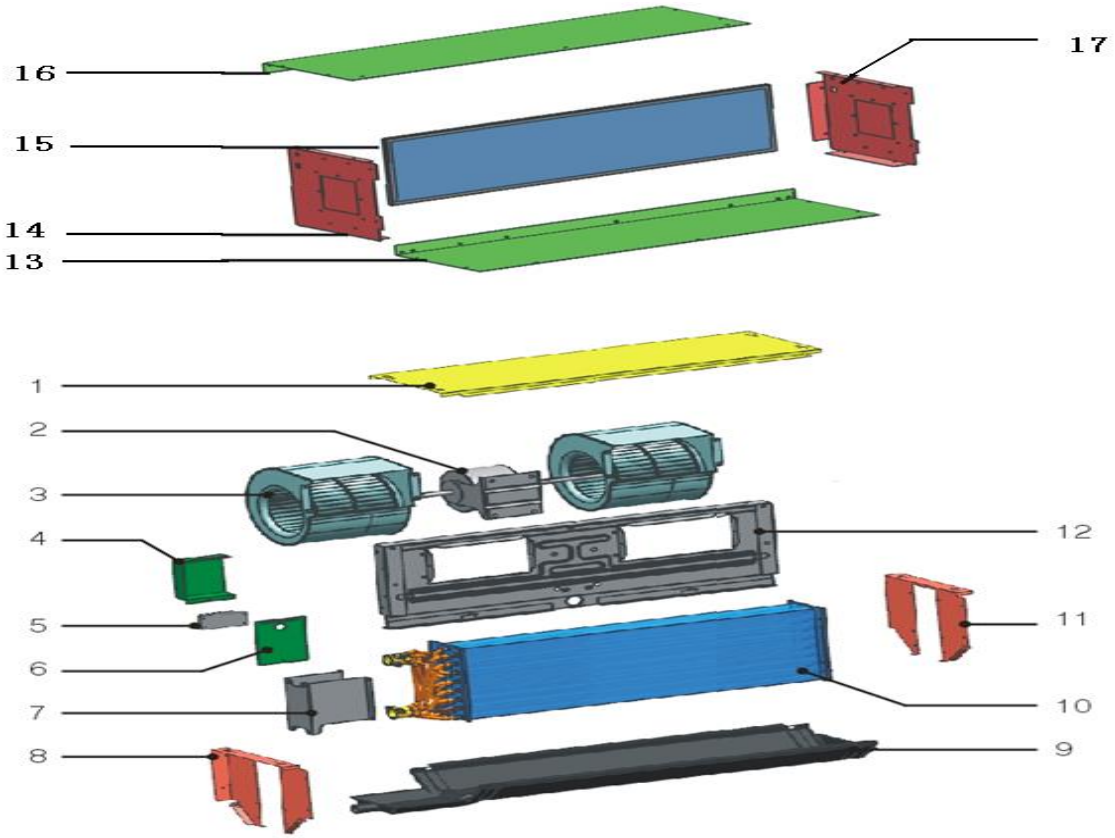
No.	Part Name	Quantity
1	Top panel assy	1
2	Motor ass'y	1
3	Fan ass'y	1
4	Motor junction box cover	1
5	Wire joint, 5p	1
6	Motor junction box	1
7	Installing board	1
8	Left panel	1
9	Drain tray assy	1
10	Evaporator ass'y	1
11	Right panel	1
12	Middle clapboard assy	1
13	Rear below cover plate ass'y	1
14	Left cover plate ass'y	1
15	Air filter	1
16	Up cover plate ass'y	1
17	Right cover plate ass'y	1

MDKT2-200EG30



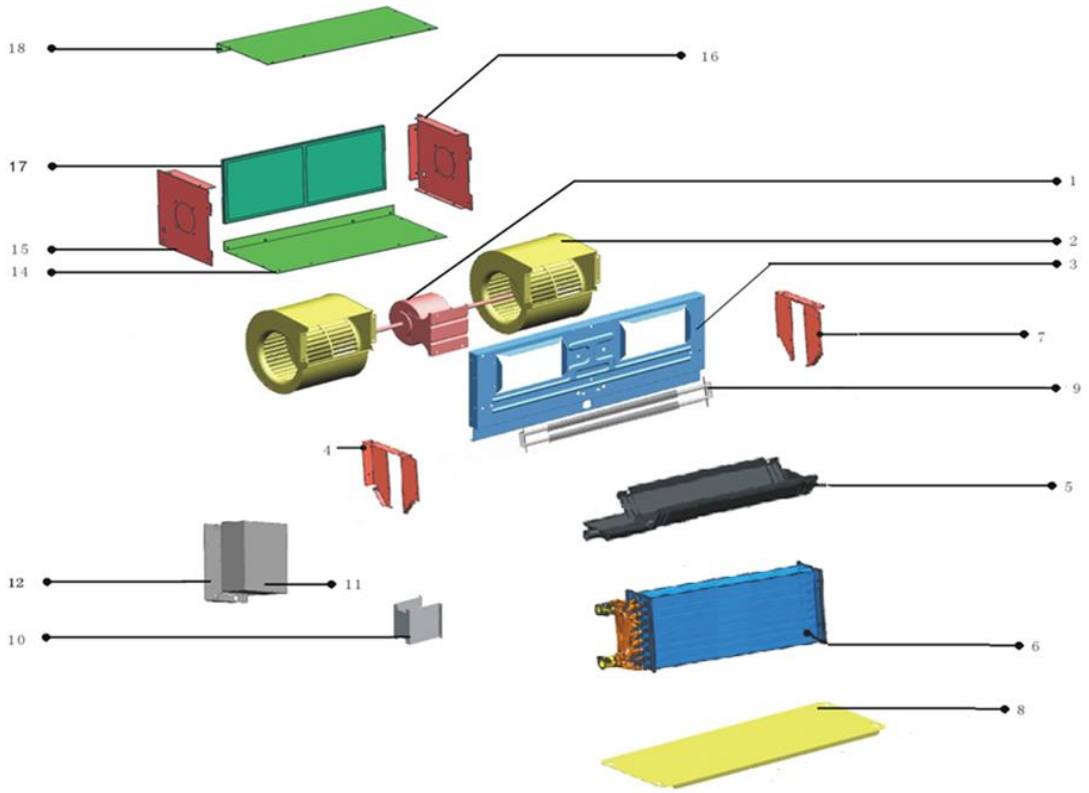
No.	Part Name	Quantity
1	Motor ass'y	1
2	Fan ass'y	1
3	Middle clapboard assy	1
4	Left panel	1
5	Drain tray assy	1
6	Evaporator ass'y	1
7	Top cover ass'y	1
8	Installing board	1
9	Left cover plate ass'y	1
10	Electric control box cover	1
11	Rear below cover plate ass'y	1
12	Electric control assembly	1
12.1	Electric control mounting plate	1
12.2	Contactor	1
12.3	Wire joint, 9p	1
12.4	Relay control board ass'y	1
13	Right cover plate ass'y	1
14	Air filter	1
15	Up cover plate ass'y	1
16	Electric heater	1
17	Right panel	1

MDKT2-300G12, MDKT2-300G30, MDKT2-400G12, MDKT2-400G30, MDKT2-500G12, MDKT2-500G30, MDKT2-600G12, MDKT2-600G30



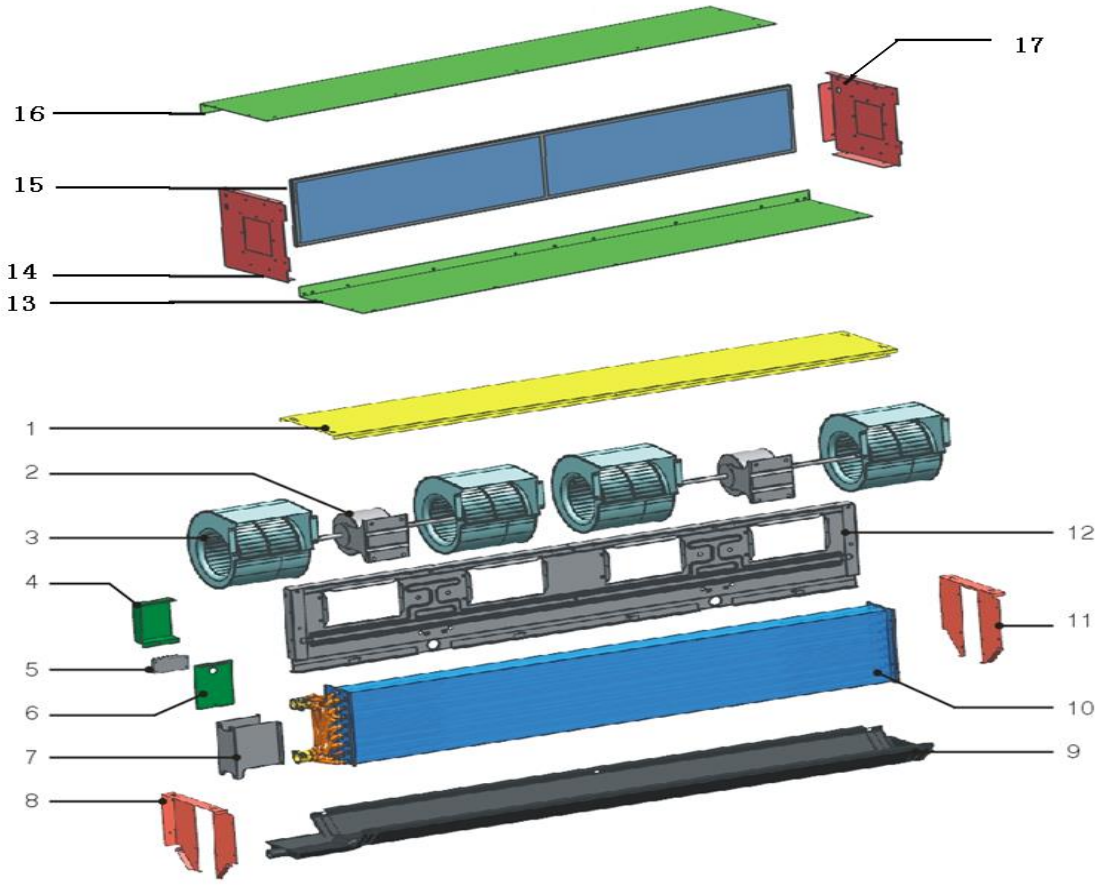
No.	Part Name	Quantity
1	Top panel assy	1
2	Motor ass'y	1
3	Fan ass'y	2
4	Motor junction box cover	1
5	Wire joint, 5p	1
6	Motor junction box	1
7	Installing board	1
8	Left panel	1
9	Drain tray assy	1
10	Evaporator ass'y	1
11	Right panel	1
12	Middle clapboard assy	1
13	Rear below cover plate ass'y	1
14	Left cover plate ass'y	1
16	Up cover plate ass'y	1
17	Right cover plate ass'y	1

MDKT2-300EG30, MDKT2-400EG30, MDKT2-500EG30, MDKT2-600EG30



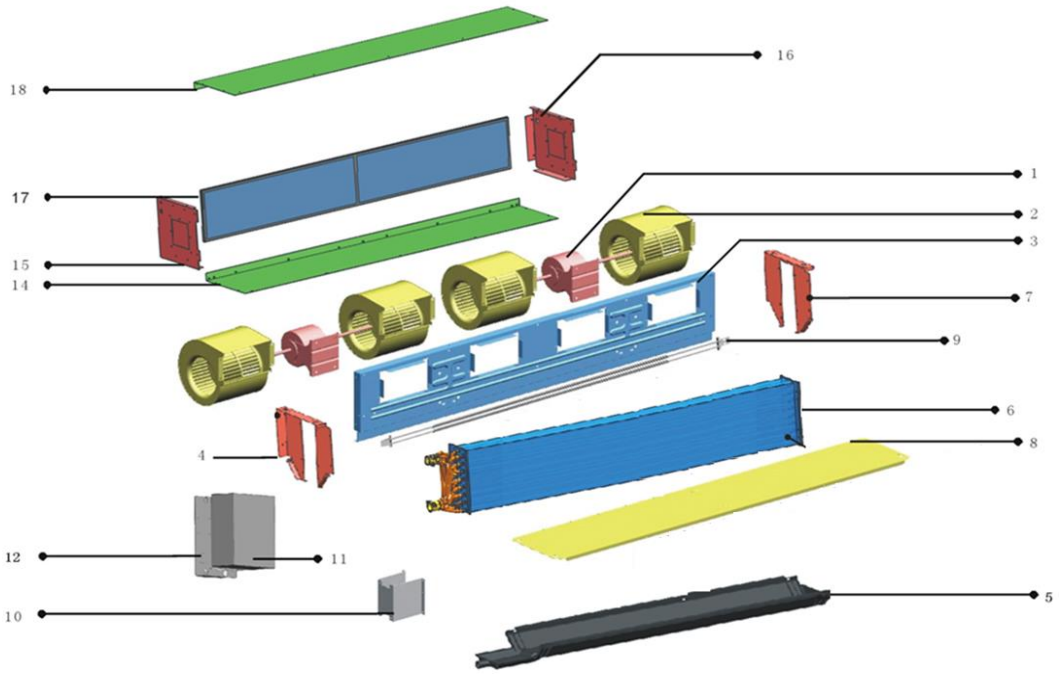
No.	Part Name	Quantity
1	Motor ass'y	1
2	Fan ass'y	2
3	Middle clapboard assy	1
4	Left panel	1
5	Drain tray assy	1
6	Evaporator ass'y	1
7	Right panel	1
8	Top cover ass'y	1
9	Electric heater	1
10	Installing board	1
11	Electric control box cover	1
12	Electric control assembly	1
12.1	Electric control mounting plate	1
12.2	Contactor	1
12.3	Wire joint, 9p	1
12.4	Relay control board ass'y	1
14	Rear below cover plate ass'y	1
15	Left cover plate ass'y	1
16	Right cover plate ass'y	1
17	Air filter	1
18	Up cover plate ass'y	1

MDKT2-800G12, MDKT2-800G30, MDKT2-1000G12, MDKT2-1000G30, MDKT2-1200G12, MDKT2-1200G30, MDKT2-1400G12, MDKT2-1400G30



No.	Part Name	Quantity
1	Top panel assy	1
2	Motor ass'y	2
3	Fan ass'y	4
4	Motor junction box cover	1
5	Wire joint, 5p	1
6	Motor junction box	1
7	Installing board	1
8	Left panel	1
9	Drain tray assy	1
10	Evaporator ass'y	1
11	Right panel	1
12	Middle clapboard assy	1
13	Rear below cover plate ass'y	1
14	Left cover plate ass'y	1
15	Filter	1
16	Up cover plate ass'y	1
17	Right cover plate ass'y	1

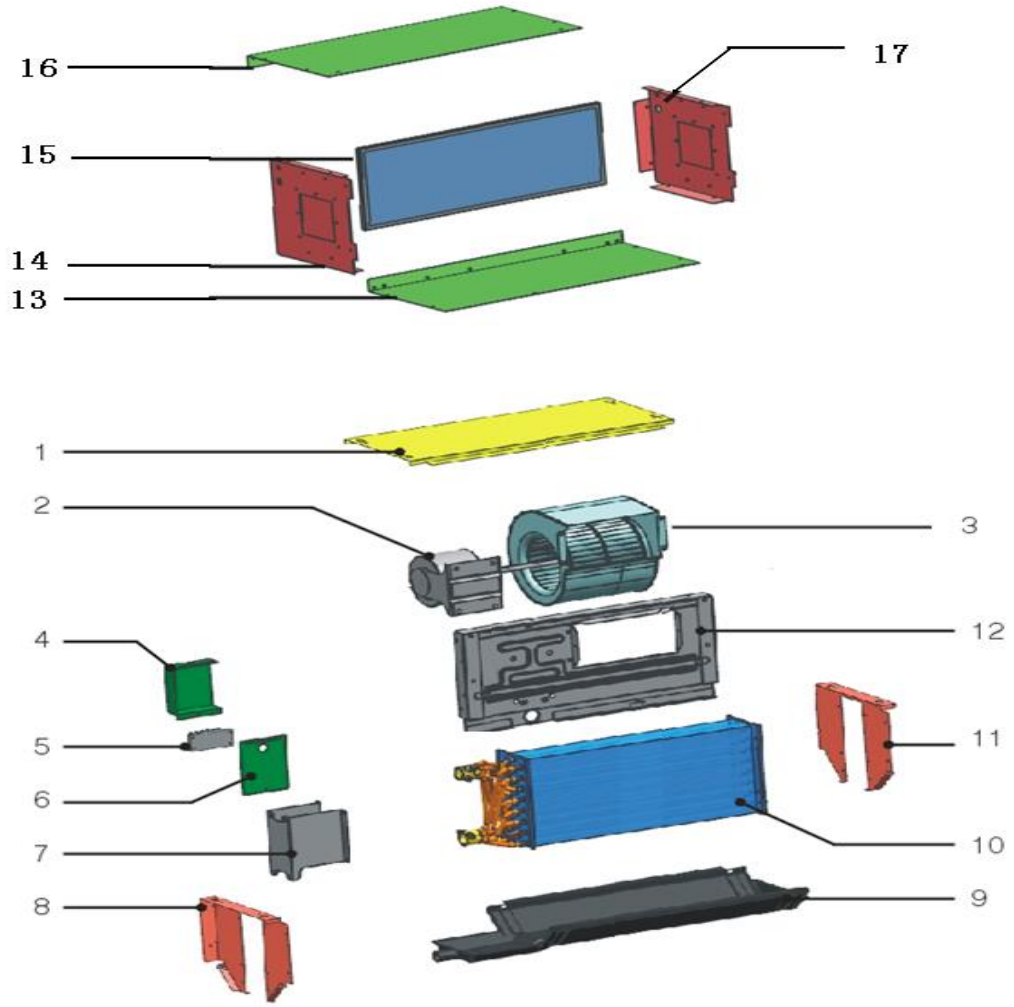
MDKT2-800EG30, MDKT2-1000EG30, MDKT2-1200EG30, MDKT2-1400EG30



No.	Part Name	Quantity
1	Motor ass'y	2
2	Fan ass'y	4
3	Middle clapboard assy	1
4	Left panel	1
5	Drain tray assy	1
6	Evaporator ass'y	1
7	Right panel	1
8	Top cover ass'y	1
9	Electric heater	1
10	Installing board	1
11	Electric control box cover	1
12	Electric control assembly	1
12.1	Electric control mounting plate	1
12.2	Contactor	1
12.3	Wire joint, 9p	1
12.4	Relay control board ass'y	1
14	Rear below cover plate ass'y	1
15	Left cover plate ass'y	1
16	Right cover plate ass'y	1
17	Filter	1
18	Up cover plate ass'y	1

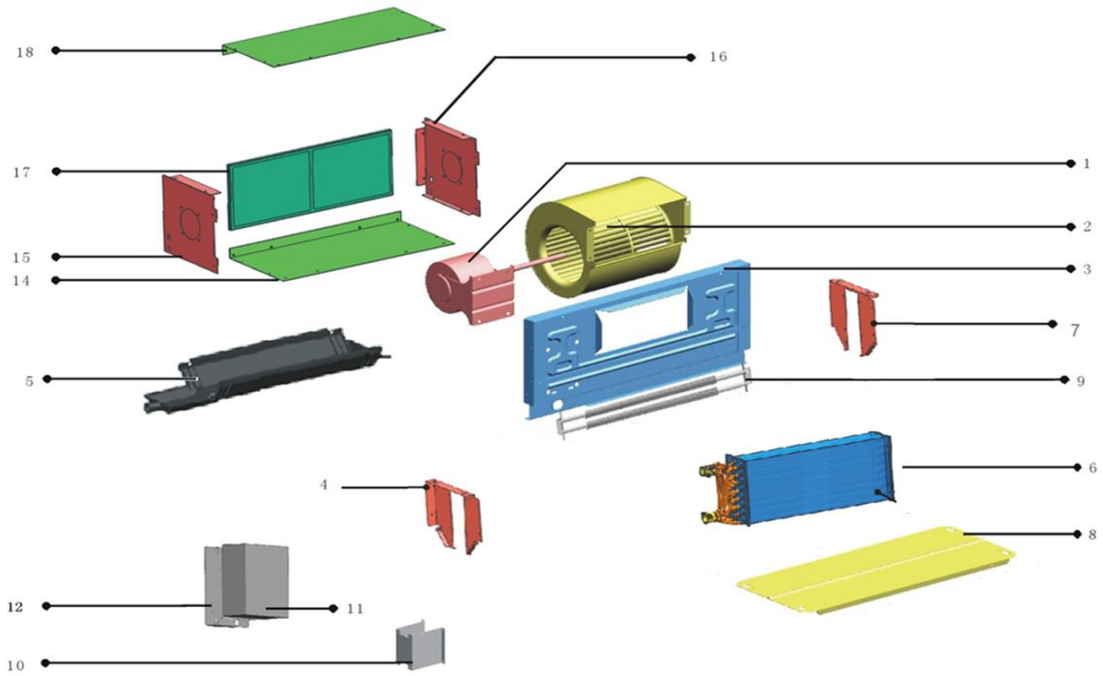
3-row Unit

MDKT3-200G12, MDKT3-200G30



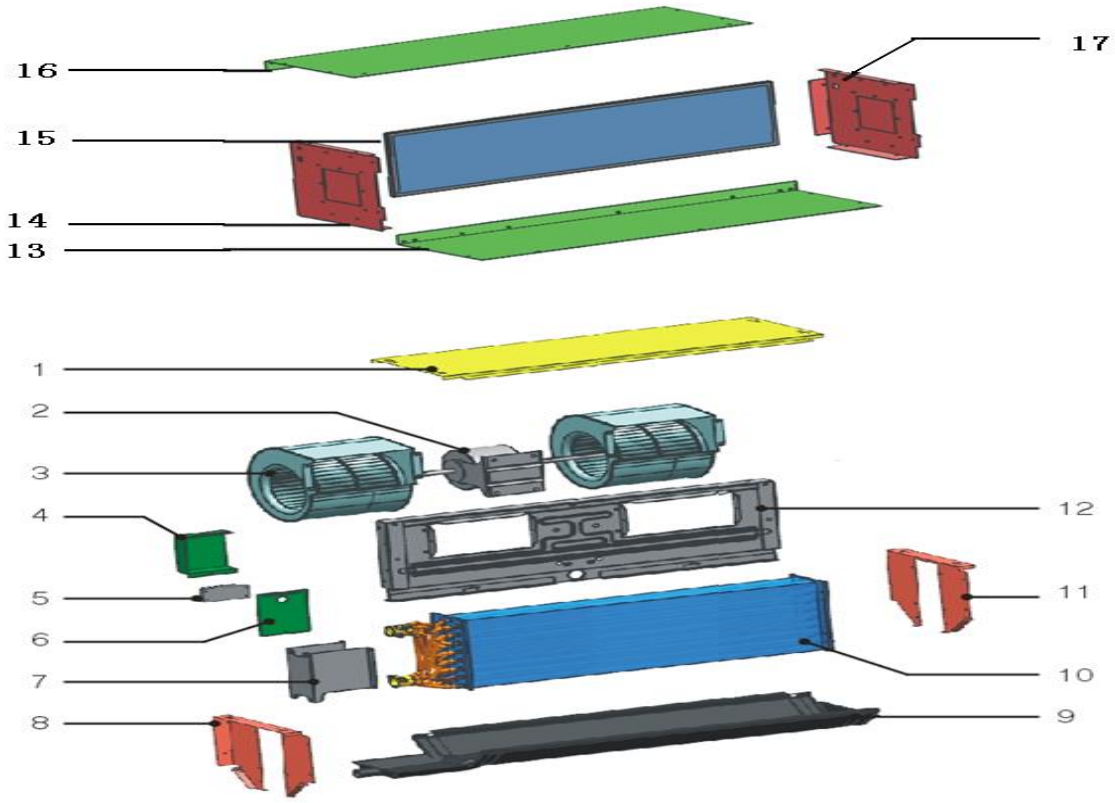
No.	Part Name	Quantity
1	Top panel assy	1
2	Motor ass'y	1
3	Fan ass'y	1
4	Motor junction box cover	1
5	Wire joint, 5p	1
6	Motor junction box	1
7	Installing board	1
8	Left panel	1
9	Drain tray assy	1
10	Evaporator assembly	1
11	Right panel	1
12	Middle clapboard assy	1
13	Rear below cover plate ass'y	1
14	Left cover plate ass'y	1
15	Air filter	1
16	Up cover plate ass'y	1
17	Right cover plate ass'y	1

MDKT3-200EG30



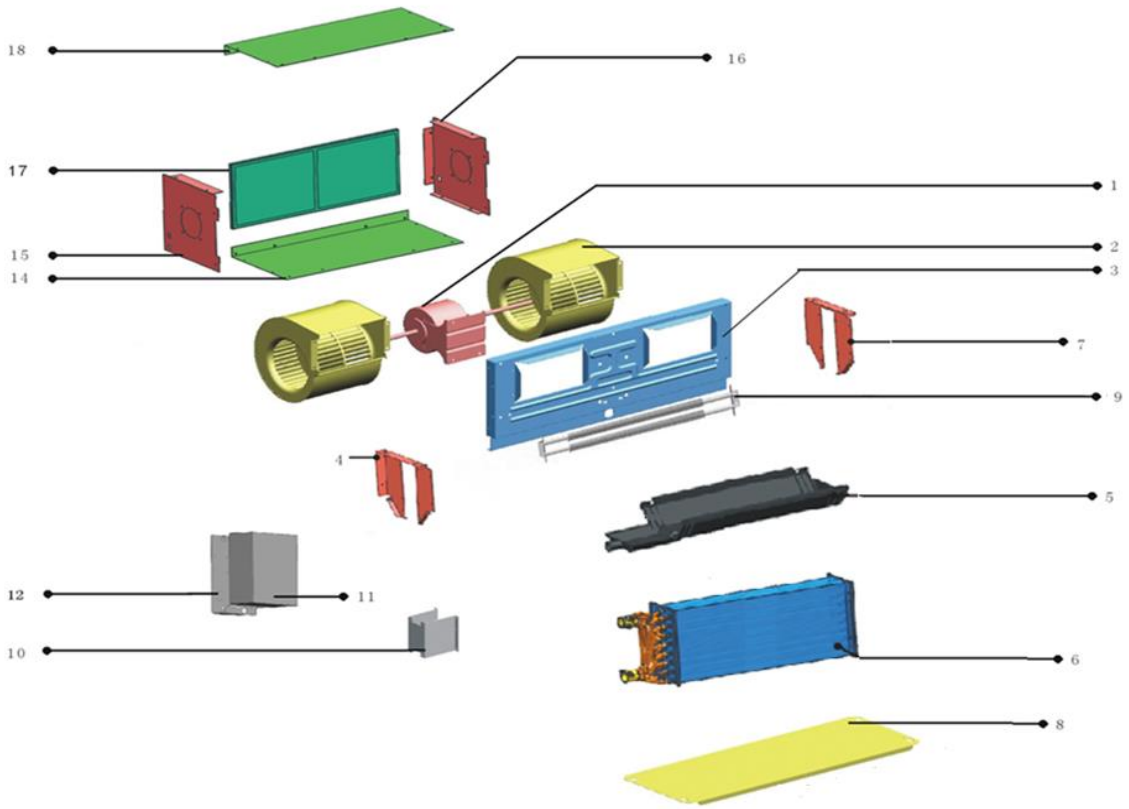
No.	Part Name	Quantity
1	Motor ass'y	1
2	Fan ass'y	1
3	Middle clapboard assy	1
4	Left panel	1
5	Drain tray assy	1
6	Evaporator assembly	1
7	Right panel	1
8	Top cover ass'y	1
9	Electric heater	1
10	Installing board	1
11	Electric control box cover	1
12	Electric control assembly	1
12.1	Electric control mounting plate	1
12.2	Contactor	1
12.3	Wire joint, 9p	1
12.4	Relay control board ass'y	1
14	Rear below cover plate ass'y	1
15	Left cover plate ass'y	1
16	Right cover plate ass'y	1
17	Air filter	1
18	Up cover plate ass'y	1

MDKT3-300G12, MDKT3-300G30, MDKT3-400G12, MDKT3-400G30, MDKT3-500G12, MDKT3-500G30, MDKT3-600G1 MDKT3-600G30



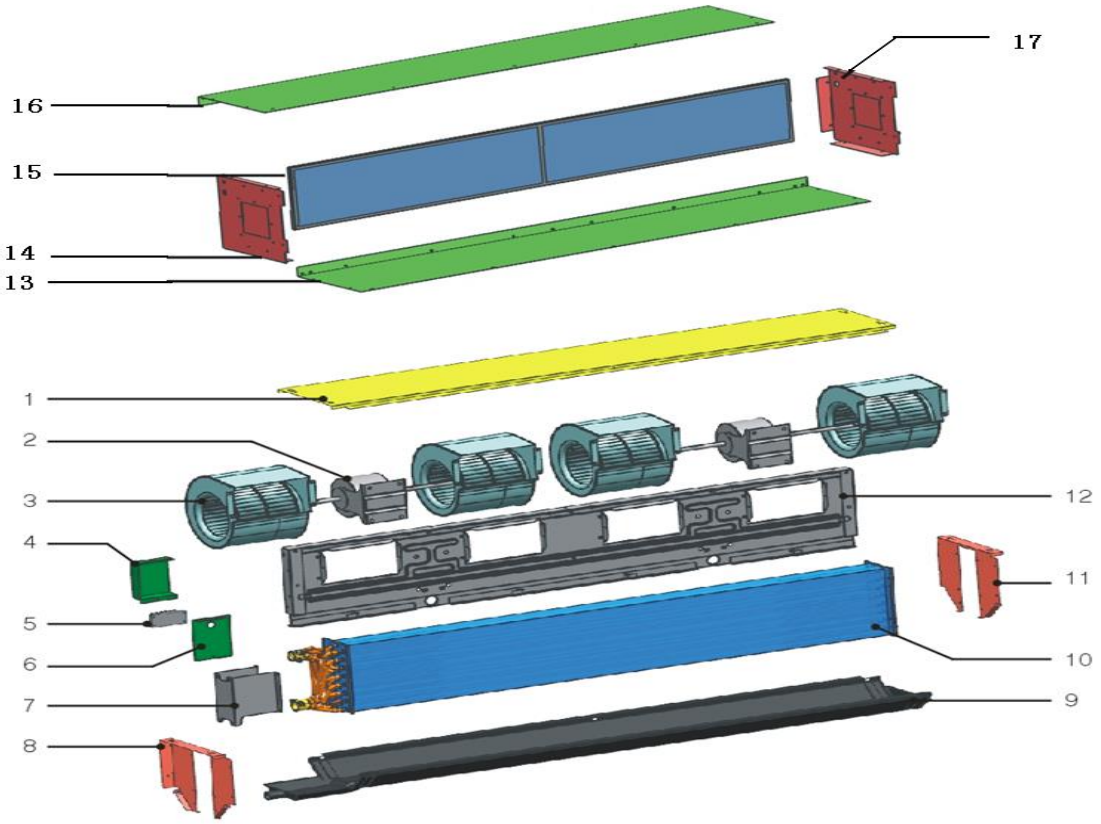
No.	Part Name	Quantity
1	Top panel assy	1
2	Motor ass'y	1
3	Fan ass'y	2
4	Motor junction box cover	1
5	Wire joint, 5p	1
6	Motor junction box	1
7	Installing board	1
8	Left panel	1
9	Drain tray assy	1
10	Evaporator assembly	1
11	Right panel	1
12	Middle clapboard assy	1
13	Rear below cover plate ass'y	1
14	Left cover plate ass'y	1
15	Air filter	1
16	Up cover plate ass'y	1
17	Right cover plate ass'y	1
18		

MDKT3-300EG30, MDKT3-400EG30, MDKT3-500EG30, MDKT3-600EG30



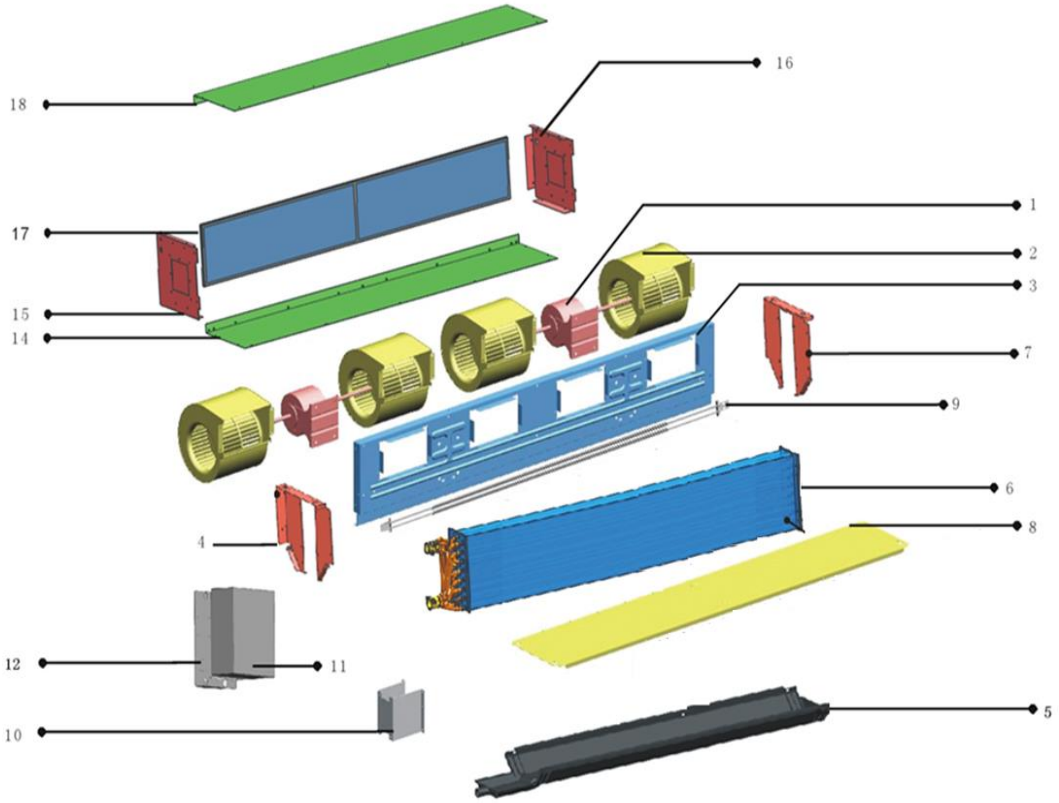
No.	Part Name	Quantity
1	Motor ass'y	1
2	Fan ass'y	2
3	Middle clapboard assy	1
4	Left panel	1
5	Drain tray assy	1
6	Evaporator assembly	1
7	Right panel	1
8	Top cover ass'y	1
9	Electric heater	1
10	Installing board	1
11	Electric control box cover	1
12	Electric control assembly	1
12.1	Electric control mounting plate	1
12.2	Contactor	1
12.3	Wire joint, 9p	1
12.4	Relay control board ass'y	1
14	Rear below cover plate ass'y	1
15	Left cover plate ass'y	1
16	Right cover plate ass'y	1
17	Air filter	1
18	Up cover plate ass'y	1

MDKT3-800G12, MDKT3-800G30, MDKT3-1000G12, MDKT3-1000G30, MDKT3-1200G12, MDKT3-1200G30, MDKT3-1400G12, MDKT3-1400G30



No.	Part Name	Quantity
1	Top panel assy	1
2	Motor ass'y	2
3	Fan ass'y	4
4	Motor junction box cover	1
5	Wire joint, 5p	1
6	Motor junction box	1
7	Installing board	1
8	Left panel	1
9	Drain tray assy	1
10	Evaporator assembly	1
11	Right panel	1
12	Middle clapboard assy	1
13	Rear below cover plate ass'y	1
14	Left cover plate ass'y	1
15	Filter	1
16	Up cover plate ass'y	1
17	Right cover plate ass'y	1

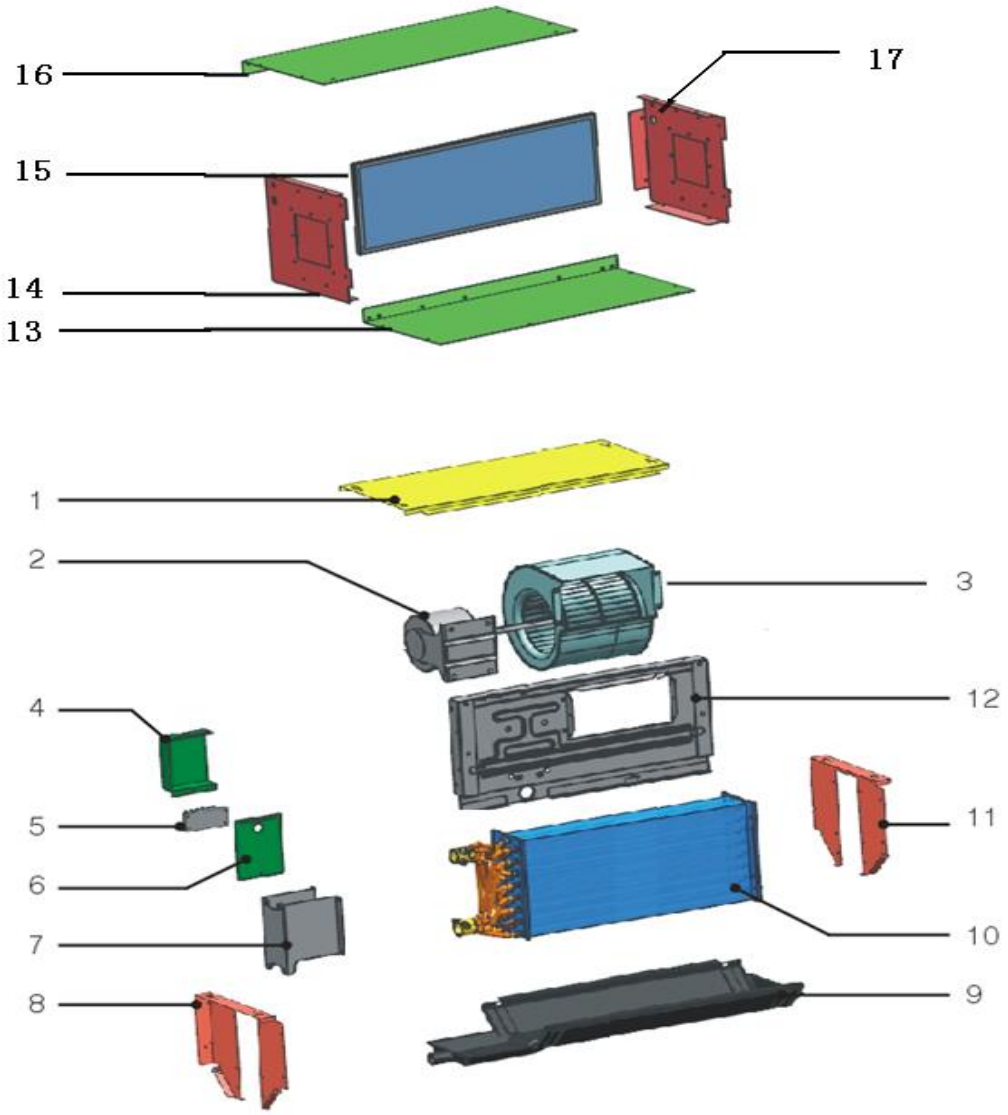
MDKT3-800EG30, MDKT3-1000EG30, MDKT3-1200EG30, MDKT3-1400EG30



No.	Part Name	Quantity
1	Motor ass'y	2
2	Fan ass'y	4
3	Middle clapboard assy	1
4	Left panel	1
5	Drain tray assy	1
6	Evaporator assembly	1
7	Right panel	1
8	Top cover ass'y	1
9	Electric heater	1
10	Installing board	1
11	Electric control box cover	1
12	Electric control assembly	1
12.1	Electric control mounting plate	1
12.2	Contactor	1
12.3	Wire joint, 9p	1
12.4	Relay control board ass'y	1
14	Rear below cover plate ass'y	1
15	Left cover plate ass'y	1
16	Right cover plate ass'y	1
17	Filter	1
18	Up cover plate ass'y	1

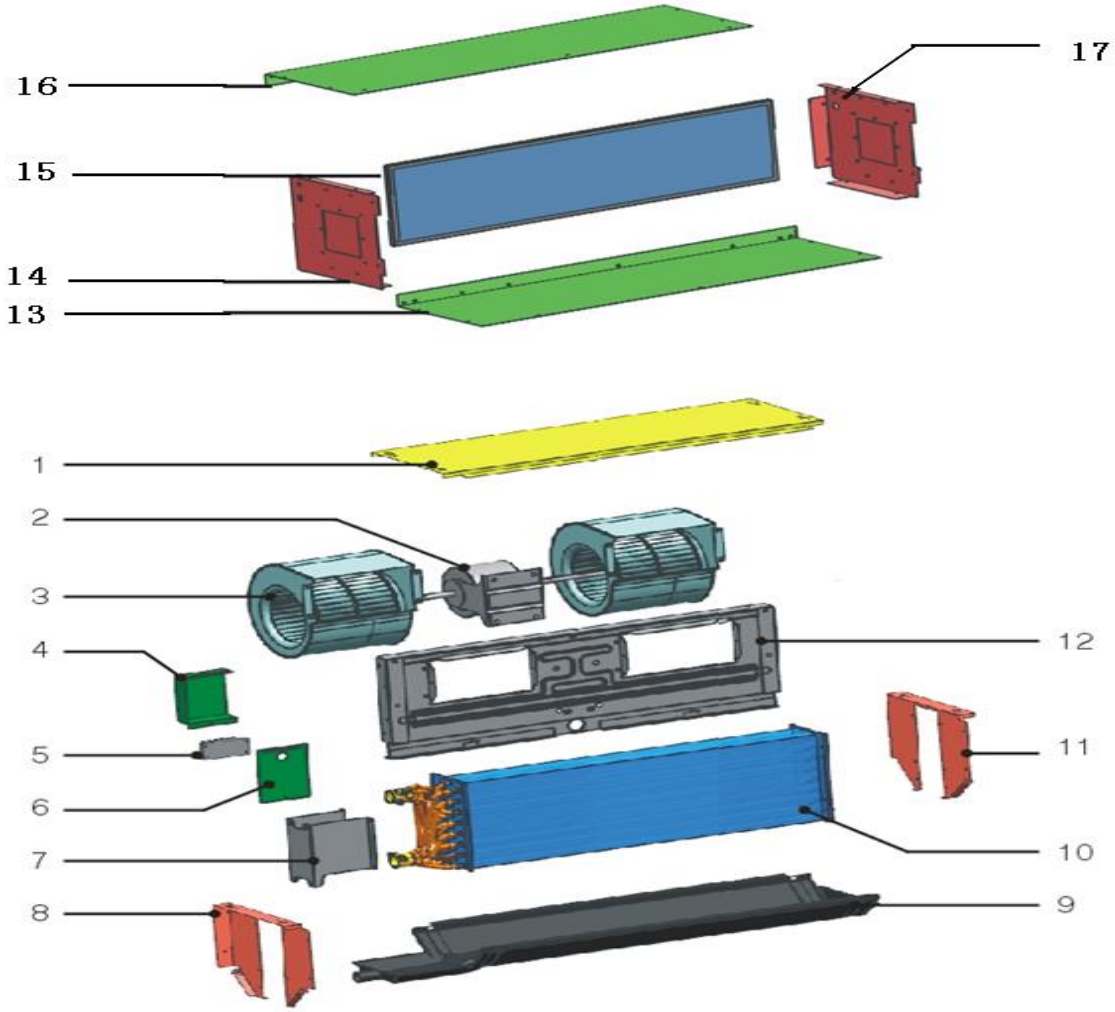
4-row Unit

MDKT4-200G30



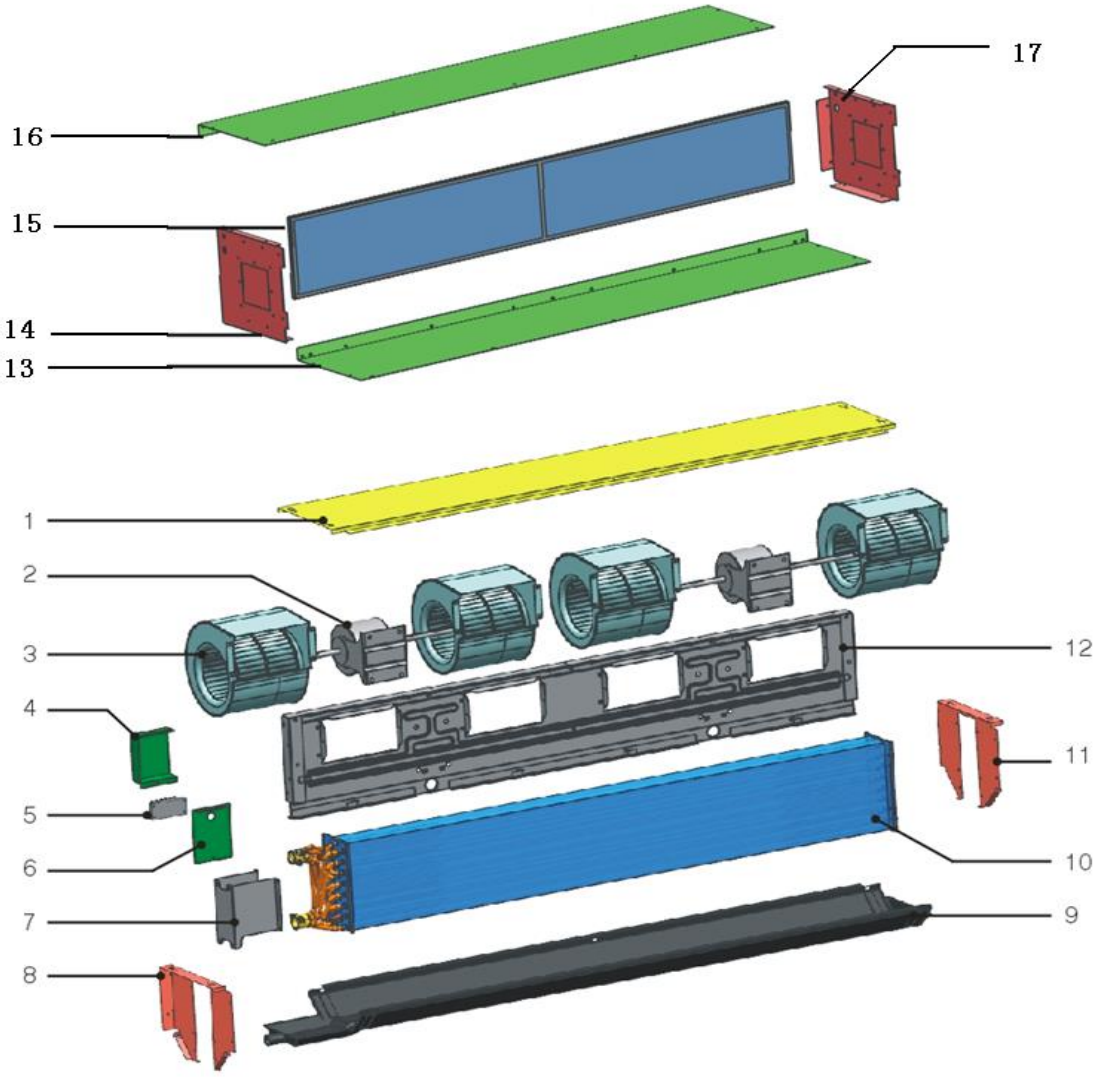
No.	Part Name	Quantity
1	Top panel assy	1
2	Motor ass'y	1
3	Fan ass'y	1
4	Motor junction box cover	1
5	Wire joint, 5p	1
6	Motor junction box	1
7	Water collector installation board	1
8	Left panel	1
9	Drain tray assy	1
10	Evaporater assembly	1
11	Right panel	1
12	Middle clapboard assy	1
13	Rear below cover plate ass'y	1
14	Left cover plate ass'y	1
15	Air filter	1
16	Up cover plate ass'y	1
17	Right cover plate ass'y	1

MDKT4-300G30, MDKT4-400G30, MDKT4-500G30, MDKT4-600G30



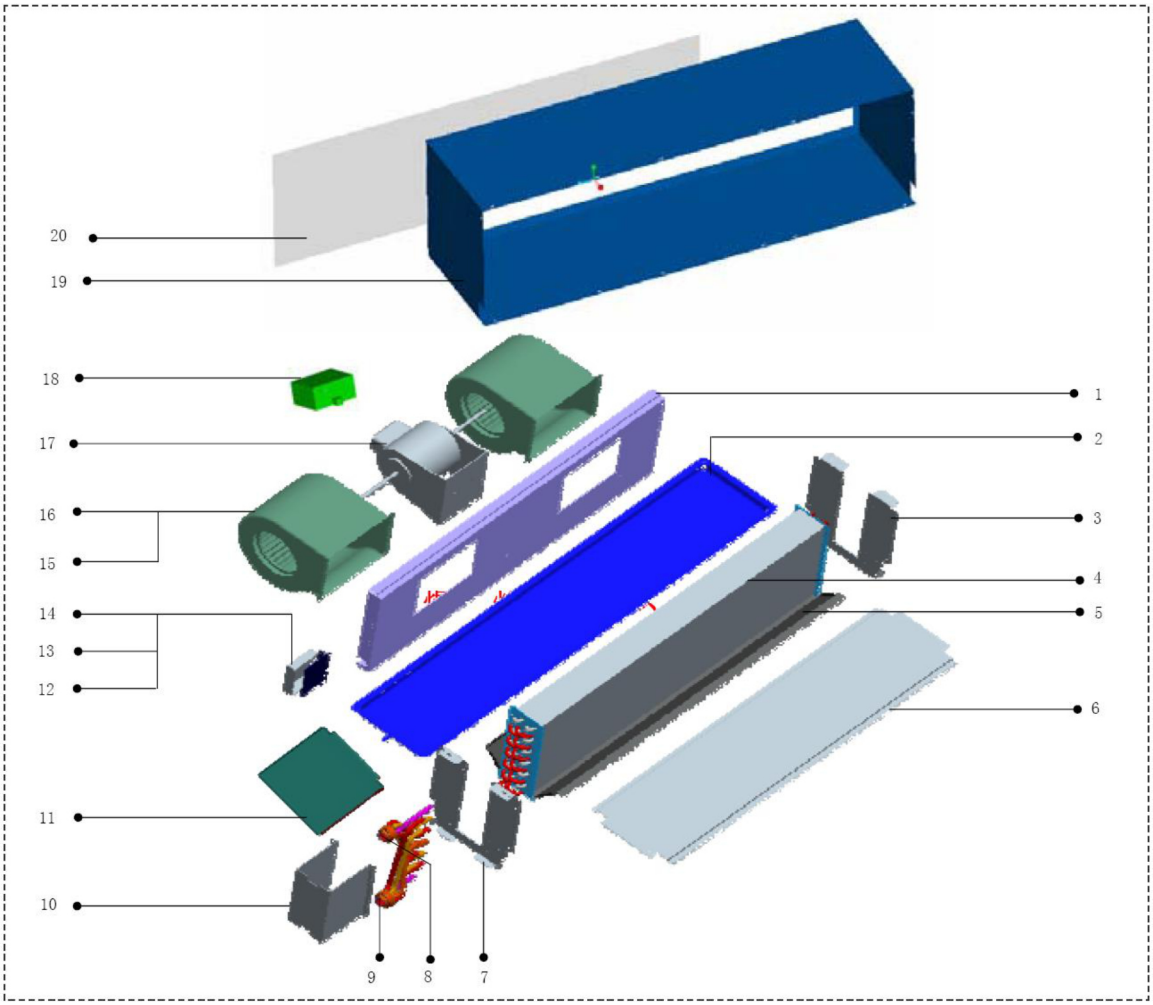
No.	Part Name	Quantity
1	Top panel assy	1
2	Motor ass'y	1
3	Fan ass'y	2
4	Motor junction box cover	1
5	Wire joint, 5p	1
6	Motor junction box	1
7	Water collector installation board	1
8	Left panel	1
9	Drain tray assy	1
10	Evaporater assembly	1
11	Right panel	1
12	Middle clapboard assy	1
13	Rear below cover plate ass'y	1
14	Left cover plate ass'y	1
15	Air filter	1
16	Up cover plate ass'y	1
17	Right cover plate ass'y	1

MDKT4-800G30, MDKT4-1000G30, MDKT4-1200G30, MDKT4-1400G30



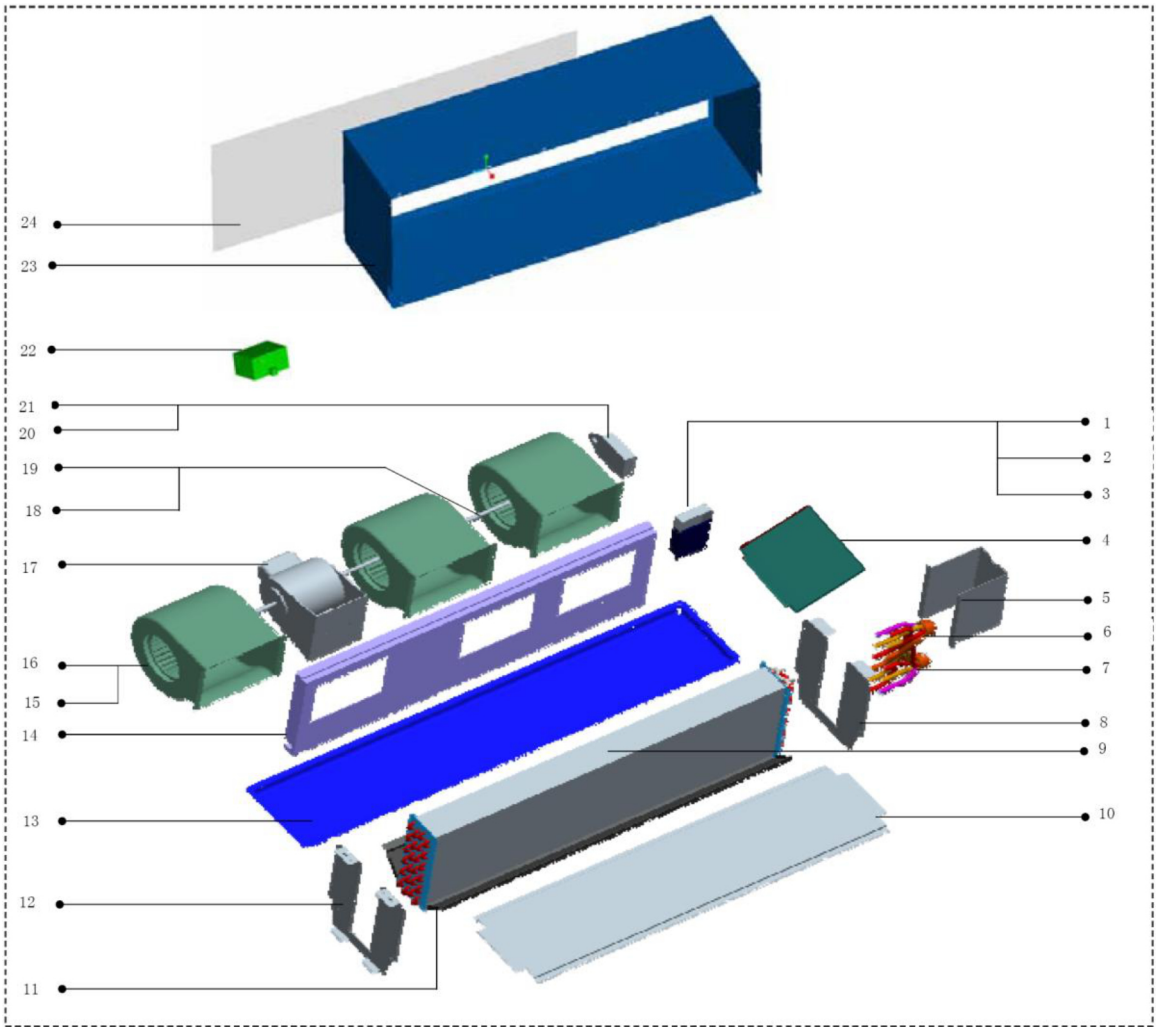
No.	Part Name	Quantity
1	Top panel assy	1
2	Motor ass'y	2
3	Fan ass'y	4
4	Motor junction box cover	1
5	Wire joint, 5p	1
6	Motor junction box	1
7	Water collector installation board	1
8	Left panel	1
9	Drain tray assy	1
10	Evaporater assembly	1
11	Right panel	1
12	Middle clapboard assy	1
13	Rear below cover plate ass'y	1
14	Left cover plate ass'y	1
15	Filter	1
16	Up cover plate ass'y	1
17	Right cover plate ass'y	1

MDKT4-1500, MDKT4H-1500G50



No.	Part Name	Quantity		No.	Part Name	Quantity
1	Middle beam partition board ass'y	1		11	Plastic Drainage pan	1
2	Drainage pan ass'y	1		12	Installation board	1
3	Right cover ass'y	1		13	Installation board cover	1
4	Evaporator ass'y	1		14	Wire joint	1
5	Drainage pan	1		15	Fan ass'y	2
6	Top cover ass'y	1		16	Volute shell	2
7	Left clapboard ass'y	1		17	Motor ass'y	1
8	Water outlet valve	1		18	Capacitor	1
9	Water inlet valve	1		19	Return air box ass'y	1
10	Installing board	1		20	Air filter	1

MDKT4-2000, MDKT4H-2000G50



No.	Part Name	Quantity		No.	Part Name	Quantity
1	Installation board	1		13	Drainage pan ass'y	1
2	Installation board cover	1		14	Middle beam partition board ass'y	1
3	Wire joint	1		15	Fan ass'y	3
4	Drainage pan ass'y	1		16	Volute shell	3
5	Installing board	1		17	Motor ass'y	1
6	Water outlet valve	1		18	Coupling	1
7	Water inlet valve	1		19	Connecting shaft	1
8	Left clapboard ass'y	1		20	Bearing supporting board	1
9	Evaporator ass'y	1		21	Bearing Fixing board	1
10	Top cover ass'y	1		22	Capacitor	1
11	Drainage pan	1		23	Return air box ass'y	1
12	Right cover ass'y	1		24	Air filter	1

13.Installation

13.1 Installing site

- Install the unit where installation and maintenance space is enough.
- Install the unit where the ceiling is horizontal and enough to bear the weight of the indoor unit.
- Install the unit where the air inlet and outlet are not baffled and are the least affected by external air.
- Install the unit where the supply air flow can be sent to all parts in the room.
- Install the unit where it is easy to lead out the connective pipe and the drain pipe.
- Install the unit where connotative heat is emitted from a heat source directly.

Caution:

Installing the equipment in any of the following places may lead to faults of the equipment (if that is inevitable, consult the supplier):

- The site contains mineral oils such as cutting lubricant.
- Seaside where the air contains much salt.
- Hot spring area where corrosive gases exist, e.g., sulfide gas.
- Factories where the supply voltage fluctuates seriously.
- Inside a car or cabin.
- Place like kitchen where oil permeates.
- Place where strong electromagnetic waves exist.
- Place where flammable gases or materials exist.
- Place where acid or alkali gases evaporate.
- Other special environments.

Precautions before installation:

- Decide the correct way of conveying the equipment.
- Try to transport this equipment with the original package.
- If the air conditioner needs to be installed on a metal part of the building, electric insulation must be performed, and the installation must meet the relevant technical standards of electric devices.

13.2 Installing body

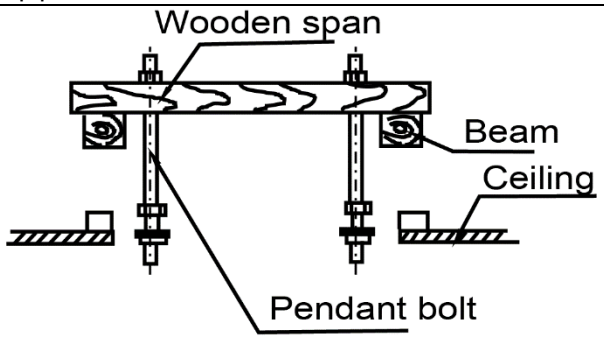
- Confirm the dimensions of the indoor unit against the following figure.
- Install Φ10 pendant bolts (4 bolts).
- The intervals of the pendant bolts are shown in the following figure.
- Use the Φ10 pendant bolts.
- The treatment of the ceiling varies between buildings. For detailed measures, negotiate with the construction and fit-out staff.
  - Scope of dismantling the ceiling. Please keep the ceiling horizontal. Reinforce the beams and girders of the ceiling lest vibration of the ceiling.
  - Cut off the beams and girders of the ceiling.
  - Reinforce the cut-off part, beams and girders of the ceiling.
- After the main body is suspended, work on the pipes and wires in the ceiling. Decide the lead-out direction of the pipes after selecting the installation site. Especially, in a circumstance where a ceiling is available, extend the refrigerant pipe, drain pipe, indoor/outdoor connection wires and wire controller lines to the connection position before suspending the unit.

13.2.1 Procedure of installing the pendant bolts.

1) Base on the unit structure, please set the screw-pitch according to the size of the following figures:

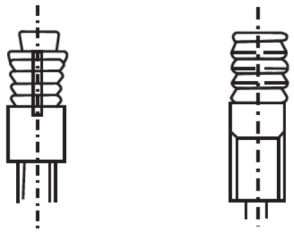
- Wooden structure:

Put rectangular sticks across the beams, and set pendant bolts.



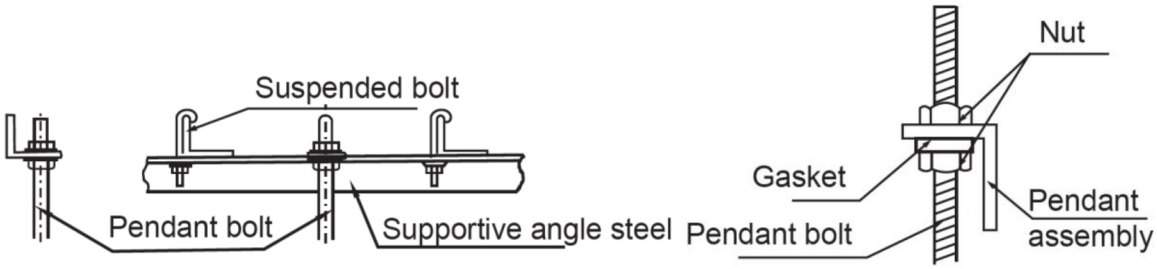
- Old concrete roughcast:

Use embedded bolts and embedded pulling plugs.



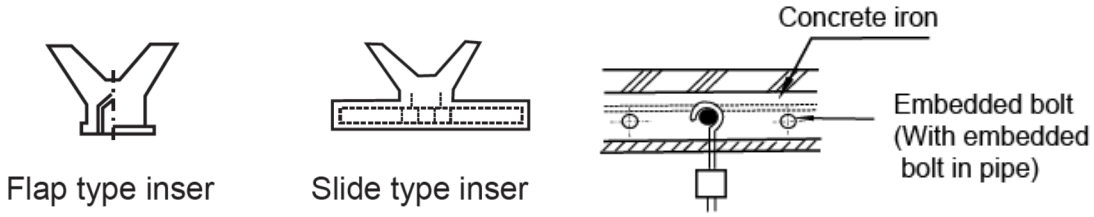
- Steel beam and girder structure:

Set and use supportive angle steel.



- New concrete roughcast:

Set it with embedded bushes or embedded bolts.



2) Suspending the indoor unit

- Use tools such as pulleys to hoist the indoor unit to the pendant bolt.
- Use tools such as gradient to settle the indoor unit horizontally. Lack of horizontality may cause water leak.

3) Connect the duct

The duct length is determined according to the external static pressure.

4) Install the wire control switch

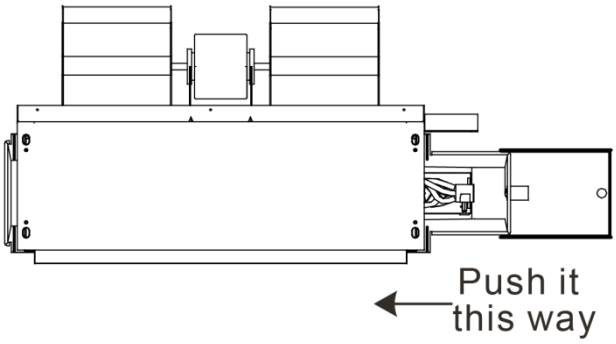
For installation of the wire control switch, see the installation manual of the wire controller.

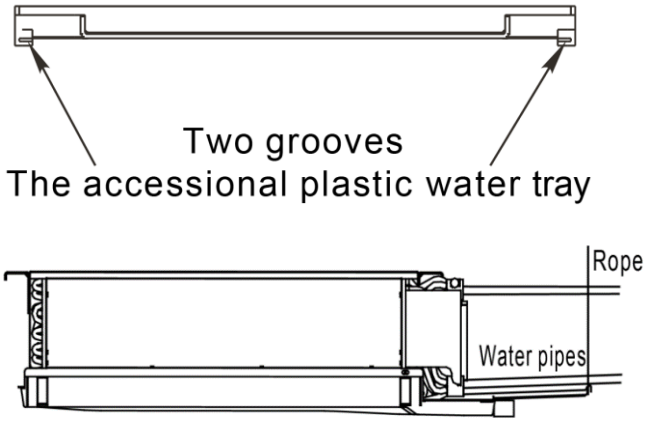
13.2.2 Body dimension

Please refer to chapter 7.

12.3 Installing extended drain pan

The grooves of the extended drain pan can be locked at the brim of the main drain pan.

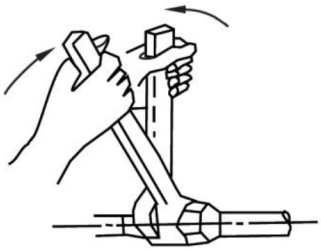




Please hang up the extended drain pan to the pipes or ceiling by a rope.

12.4 Installing water pipe

- With air release valve, the other side is water inlet pipe.
- When connect water collector, set the tightening torque to 6180~7540N.cm (630~770kgf.cm), and use a spanner to tighten it as shown in Figure.
- The diameter of connective junction in water inlet pipe and water outlet pipe is RC3/4 tapper pipe thread inside.
- The diameter of condensate pipe is ZG3/4 tapper pipe thread outside.



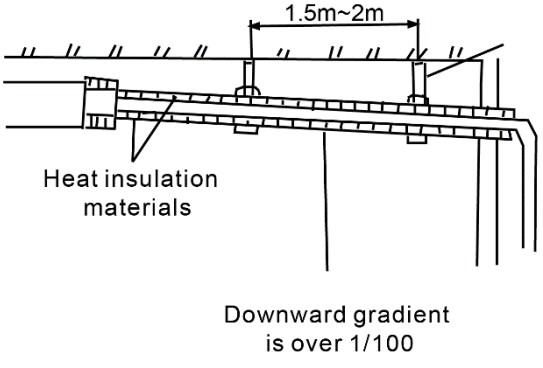
12.5 Installing drain pipe

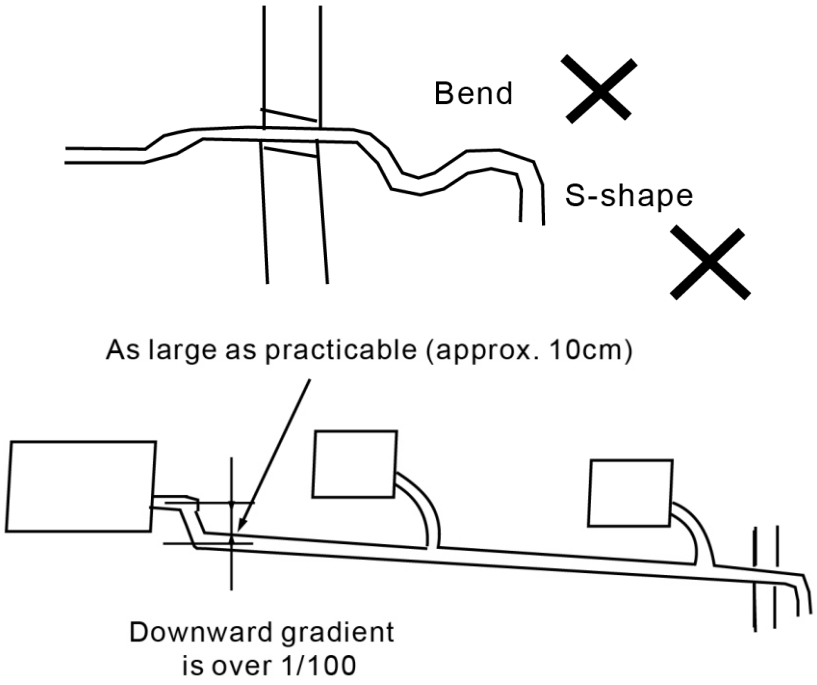
- Install the drain pipe of the fan coil unit

Before out from factory, the scupper adopts the pipe thread.

CAUTIONS:

- Be sure to perform heat insulation for the drain pipe of the indoor unit. Otherwise, condensate will occur. The joint of the indoor unit should also undergo heat insulation treatment.
- When performing the pipes connection, use the rigid PVC binder, and make sure that no leak exists.
- Same as the joint of the indoor unit. Be careful not to apply force at the pipe side of the indoor unit.
- The downward gradient of the drain pipe should be higher than (1/100), without bend in the middle.
- The total length of the drain pipe should not exceed 20m, when the pipe is over long, a prop stand must be installed to prevent winging.
- The centralized pipes should be distributed against the figure shown on the right side.





- Drain test

Before the test, ensure that the drain pipes are smooth and the adapters are sealed.

Newly built rooms should undergo the drain test before the ceiling is laid.

12.6 Wiring installation

CAUTIONS:

- The air conditioner should use separate power supply with rated voltage.
- The external power supply to the air conditioner should have ground wiring, which is linked to the ground wiring of the indoor and outdoor unit.
- The wiring work should be done by qualified persons according to circuit drawing.
- An all-pole disconnection device which has at least 3mm separation distance in all pole and a residual current device(RCD) with the rating of above 10mA shall be incorporated in the fixed wiring according to the national rule.
- The appliance shall be installed in accordance with national wiring regulations.
- Be sure to locate the power wiring and the signal wrings well to avoid cross-disturbance.
- Do not turn on the power until you have checked carefully after wiring.

The wiring connection please refers to chapter 8.

14.Accessories

14.1 Standard accessories

Accessory name	Qty.	Shape	Usage
Owner's & installation manual	1	/	Installation guide
Extended drain pan	1		Connect drain water from valve kit

14.2 Optional accessories

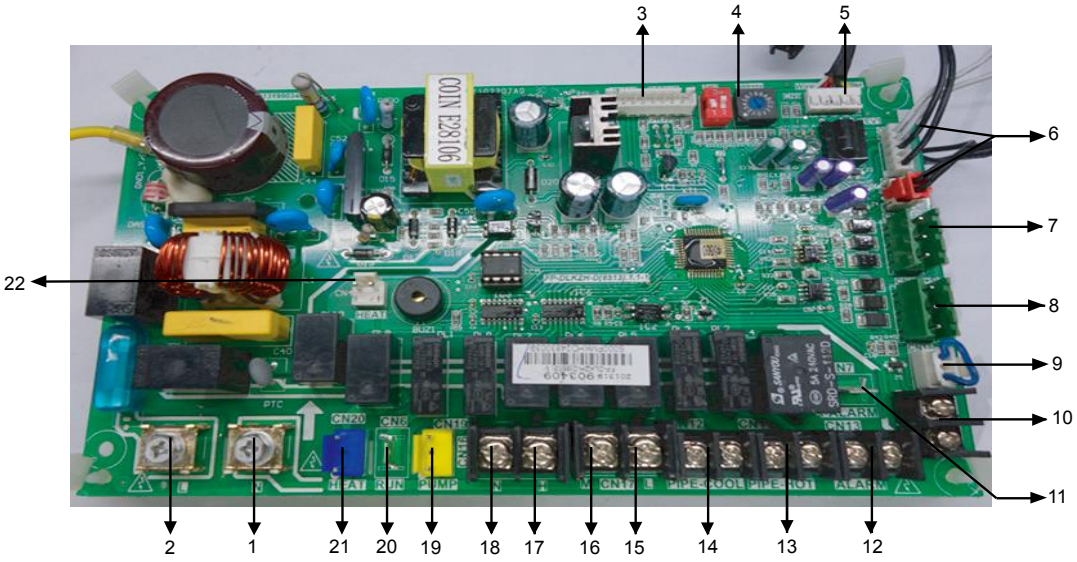
Accessory name	Qty.	Shape	Usage
PCB control kit CE-FCUKZ-03	1		Electric control
Remote controller R05/BGE	1		Remote control
Remote controller R51/E	1		Remote control
Wired controller KJR-18B/E	1		Wired control
Wired controller KJR-21B/D	1		Wired control
Central controller CCM03	1		Central control

14.2.1 PCB control kit for FCU

1. Specifications

Model		CE-FCUKZ-03	CE-FCUKZ-04
Available appliance		2-pipe ducted FCU	4-pipe ducted FCU
Power supply		220-240V-1Ph-50Hz	
Operation range	Room temperature	17℃~30℃	
	Inlet water temperature	3℃~75℃	
Temperature controlling precision		±1℃	
Dimension(W×H×D)		296x66x212	
Packing Size (W×H×D)		410x115x262	

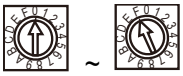
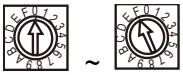
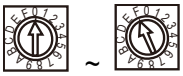
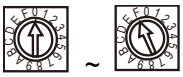
2. Internal View

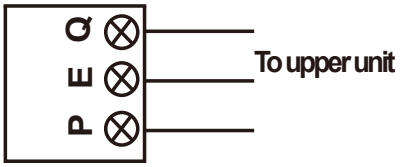
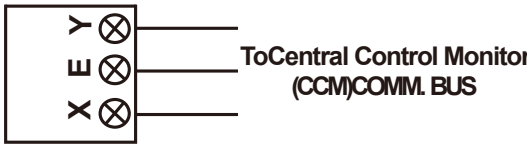


Note: CE-FCUKZ-03 adopts one valve switch, CE-FCUKZ-04 adopts two valve switches. When installing CE-FCUKZ-04 should connect the valve switch (CN12:PIPE-COOL and CN11# PIPE-HOT) and temp sensor (CN5:T1,T2-COOL and CN8:T2-HEAT), and place connects respond to the wiring nameplate.

- T1 is indoor temperature sensor, install to the air inlet of the indoor unit.
- T2-COOL,T2-HEAT is pipe temperature sensor.

No.	Detail information
1, 2	*L: Live wire *N: Netrual wire Power in: 220V-240V~, 50Hz/60Hz
3	CN300: DEBUG PORT
4	SW2, ENC1: Network address set, every air-conditioner in network has only one network address to distinguish each other, the set range is 0-63, please see the table blow.
5	CN9: Connect to wire controller.
6	CN5: T1, room temperature sensor (if fault, the wire controller light will flashes two times at 2Hz, stop 2s); CN5: T2-COOL, pipe temperature sensor of condenser (if fault, the wire controller light will flashes three times at 2Hz, stop 2s); *CN8: T2-HEAT, pipe temperature sensor of condenser (if fault, the wire controller light will flashes three times at 2Hz, stop 2s); *T2-HEAT, only using in CE-FCUKZ-04.

Toggle switch set		Network address code
SW2	ENC1	
		00~15
		16~31
		32~47
		48~63

7	CN10: MOBUS RTU port: Connect to BMS control. 3-core shielded cable should be used. Interconnected P, Q ,E wires and the shielding layer of the communication wires should be grounded. 
8	CN14: Centralized control port: Connect to centralized controller. 3-core shielded cable should be used. Interconnected X, Y, E wires and the shielding layer of the communication wires should be grounded. 
9	CN18: water-level switch (if fault, the wired controller light will flashes four times at 2Hz, stop 2s)
10	CN3: ON/OFF port, disconnect, the long-distance control function is invalid; when connect, the wire controller and centralized controller are invalid and system is equivalent of shutdown.
11	CN7: I-ALARM port, high voltage signal output, when system run normal (strong AC signal output)
12	CN13: ALARM port, high voltage signal when a alarm output (strong AC signal output).
13	*CN11: PIPE-HOT port, hot water valve, only using in CE-FCUKZ-04 (strong AC signal output).
14	CN12: PIPE-COOL port, cool water valve, using in CE-FCUKZ-03 or CE-FCUKZ-04 system in central air conditioner (strong AC signal output)
15	CN17: L, connect to indoor fan unit, low fan speed (strong AC signal output)
16	CN17: M, connect to indoor fan unit, medium fan speed (strong AC signal output)
17	CN16: H, connect to indoor fan unit, high fan speed (strong AC signal output)
18	CN16: N, connect to nutral wire.
19	CN19: PUMP (strong AC signal output). 1) After receiving start-up instruction and set in COOL, DRY mode, the pump will be started up instantly, and will maintain start-up state always in the process of operation. 2) To turn it off or transferred to other mode, the pump will be shut down 3 minutes after all modules stop operating.
20	CN6: RUN, high voltage signal output when the system run normal (strong AC signal output).
21	CN20: HEAT (strong AC signal output). Attention: the control port value of the CN20(HEAT) is STRONG AC signal output but can not drive electric heating directly. So special attention should be paid when installing this heat. Electric heating needs to be connected with 220V-240V~ power supply externally.
22	CN4: HEAT (DC +12V output). Attention: the control port value of the CN4(HEAT) actually detected is DC 12V siganl output and can not drive electric heating directly, so special attention should be paid when installing this heat. DC +12V control signal output by PCB can start/stop the external relay, thereby to start/stop e-heating pipe. Electric heating needs to be connected with 220V-240V~ power supply externally.

* CE-FCUKZ-03: Condenser Temp. sensor number is 1;
  CE-FCUKZ-04: Condenser Temp. sensor number is 2.
* L$ N Port: Strongly recommend using Ring Terminal or Spade Terminal to connect.

3. Main features

- Suitable for 2-pipe and 4-pipe FCU.
- Installation flexible, it can be installed attaching on the unit, mounting on the wall or hanging under the ceiling.
- Maintenance convenient for its external installed.
- Three fan speeds adjustment: high/medium/low.
- Operating status can be displayed form lamp indicator.
- Network Interface Module standard, compatible with the CCM control and PC based software control.

4. Compatible control type

Model	Applicable appliance	Remote control	Wired control	Central control	PC based network control
CE-FCUKZ-03	2-pipe ducted FCU	√	√	√	√
CE-FCUKZ-04	4-pipe ducted FCU	√	√	√	√

5. Application control

5.1 Fan speed adjustment function 3 files

Available wire controller to select high, medium and low three operation modes.

5.2 Long-dIstance control and alarm functions

- Refer wiring diagram connected CN13 port to achieve fault alarm function.
- Through regulating CN3 port status to realize long-dIstance control function.
- When CN3 disconnect, the long-dIstance control function is invalid;
- When CN3 connect, the wire controller and Centralized Controller is invalid and the system is equivalent of shutdown.

5.3 Centralized control

Centralized control through the CCM03, please refer to the "Centralized control ower's & Installation Manual"

6. Trouble shooting

Before asking for serving or repairing, check the following points.

Symptoms	Causes	Solution
Unit does not start	Power failure; Power switch is off; Fuse of power switch may have burned; Batteries of remote controller exhausted or other problem of controller.	Wait for the comeback of power; Switch on the power; Replace the fuse; Replace the batteries or check the controller.
The fan speed cannot be changed.	Check whether the MODE indicated on the wire controller monitor is "DRY".	When dry operation is selected, the air conditioner changes the fan speed automatically. The fan speed can only be selected during "COOL", "FAN" and "HEAT".
Air flowing normally but completely can't cooling	Temperature is not set correctly.	Set the temperature properly.
Low cooling effect	Indoor unit heat exchanger is dirty; The air filter is dirty; Inlet of indoor unit is blocked; Doors and windows are open; Sunlight shine directly; Too many heat resources.	Clean the heat exchanger; Clean the air filter; Eliminate all dirties and make air smooth; Close doors and windows; Make curtains in order to shelter from sunshine;

		Reduce heat resource.
Low heating effect	Doors and windows are not completely closed.	Use heating device; Close doors and windows.

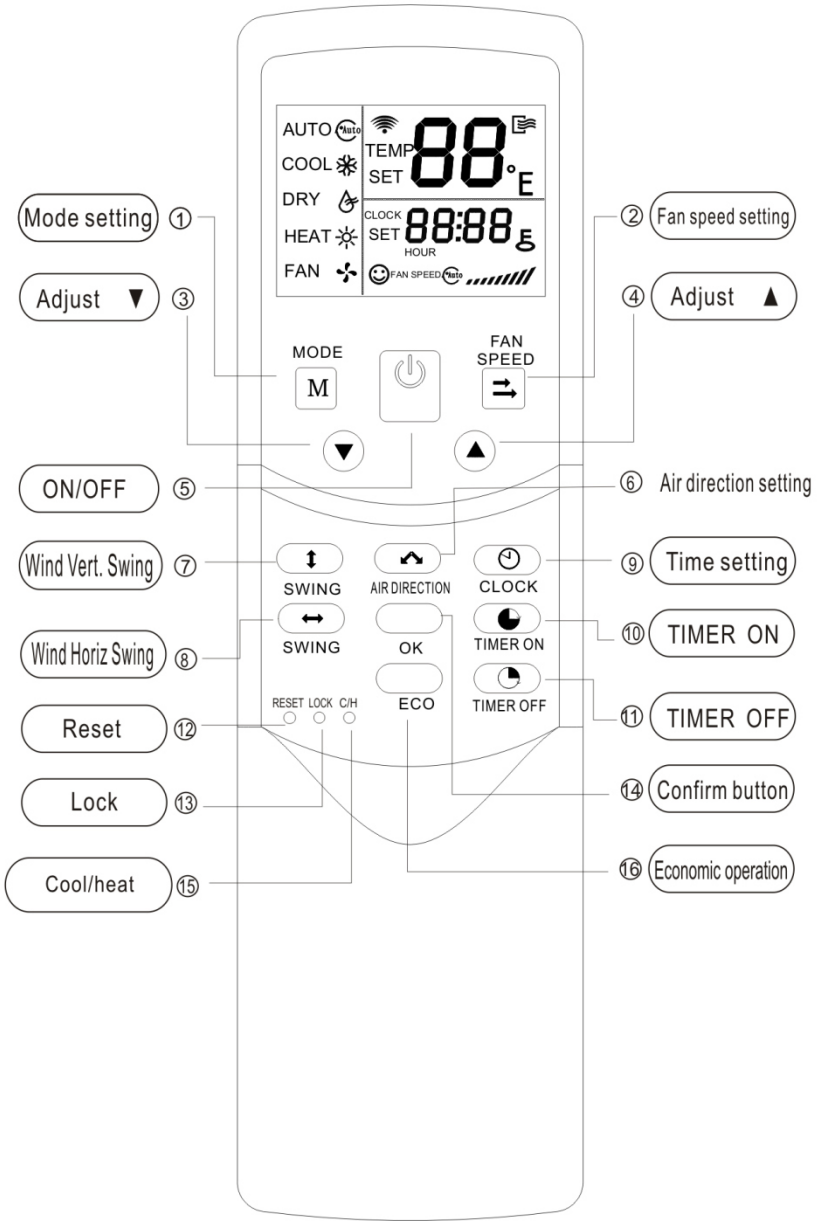
7. Malfunctions and malfunction code

If anything happens like the situation described below, please shut off the power supply of the unit and contact with the customer service center immediately.

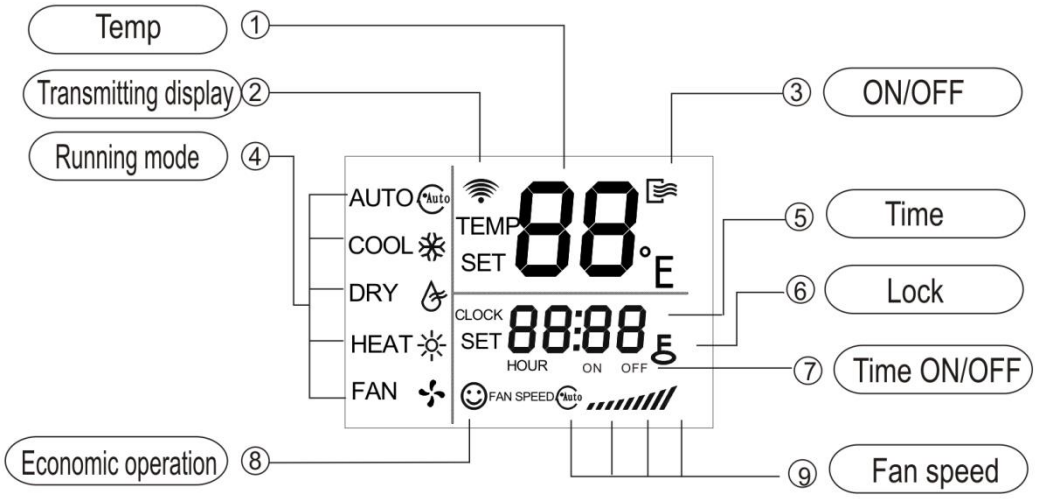
NO.	Malfunction	The wire controller light
0	Normal	On
1	Eeprom malfunction	Flashes one times at 2Hz, stop 2s
2	Roomtemperature sensor checking channel is abnormal.	Flashes two times at 2Hz, stop 2s
3	Evaporator temperature sensor checking channel is abnormal. (four-pipe water system COOL MODE: T2-COOL ; HEAT MODE: T2-HEAT)	Flashes three times at 2Hz, stop 2s
4	Water-level switch malfunction	Flashes four times at 2Hz, stop 2s

13.2.2 Optional remote controller: R05/BGE

Operation section



Display section

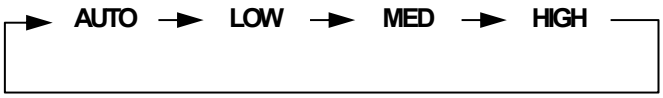


1. How to operate

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

NOTE: No heating mode for cool only type unit.

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



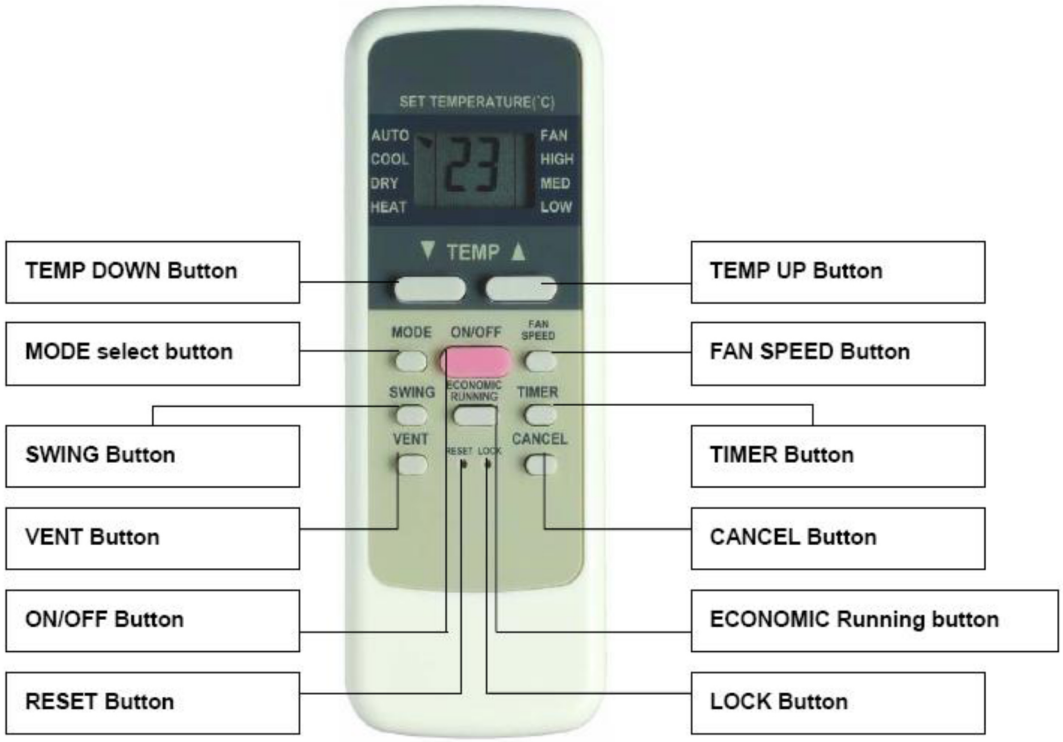
- **Adjust:** Decrease the set temp. Keeping pressing will decrease the temp with 1℃ per 0.5s.
- **Adjust:** Increase the set temp. Keeping pressing will increase the temp with 1℃ per 0.5s.
- **ON/OFF:** For turning on or turning off the air conditioner.
- **AIR DIRECTION:** Activate swing function of air deflector. Once pressing, air deflector will turn 6℃. For normal operation and better cooling and heating effect, deflector will not turn to the degree which is the state of deflector when the unit is turned off.(Only available when remote controller is used with corresponding unit.)
- **HORIZ SWING:** Activate or turn off horizontal swing function. (Only available when remote controller is used with corresponding unit.)
- **VERT SWING:** Activate or turn off vertical swing function. (Only available when remote controller is used with corresponding unit.)
- **CLOCK:** Display the current time. (12:00 is displayed when resetting or electrifying for the first time.) Press CLOCK for 5s, icon indicating hour will flash with 0.5s. Press it again,▼and ▲are usedto adjust the figure. Setting or modification is effective onlyby pressing OK button to make confirmation.
- **TIME ON:** For time ON setting. Once pressing this button, the time will increase by 0.5 hour. When the set time exceeds10 hours, pressing the button will increase the time by 1 hour. Adjusting the figure to 0.00 will cancel time ON setting.
- **TIME OFF:** For time OFF setting. Once pressing this button, the time will increase by 0.5 hour. When the set time exceeds 10 hours, pressing the button will increase the time by 1 hour. Adjust the figure to 0.00 will cancel time ON setting.
- **RESET (inner located):** Press this button with a needle of 1mm to cancel the current setting and reset remote controller.
- **LOCK (inner located):** Press this button with a needle of 1mm to lock or unlock the current setting.

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

2. Specifications

Model	R05/BGE
Rated Voltage	3.0V
Lowest Voltage of CPU Emitting Signal	2.4V
Reaching Distance	8m (when using 3.0 voltage, it can get 11m)
Environment Temperature Range	-5℃℅ 60℃

14.2.3 Optional remote controller: R51/E



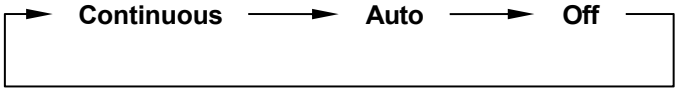
1. How to operate

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

NOTE: HEAT only for Heat Pump.

- **SWING Button:** Push this switch button to change the louver angle.
- **RESET Button:** When the RESET button is pushed, all of the current settings are cancelled and the control will return to the initial settings.
- **ECONOMIC RUNNING Button:** Push this button to go into the Energy-Saving operation mode.
- **LOCK Button:** Push this button to lock in all the current settings. To release settings, push again.
- **CANCEL Button:** Push this button to cancel the TIMER settings.

- **TIMER Button:** This button is used to preset the time ON (start to operate) and the time OFF (turn off the operation)
- **ON/OFF Button:** Push this button to start the unit operation. Push the button again to stop the unit operation.
- **FAN SPEED Button:** This button is used for setting fan speed in the sequence that goes from AUTO, LOW, MED to HIGH, and then back to Auto.
- **TEMP UP Button:** Push this button to increase the indoor temperature setting or to adjust the timer in a counter-clockwise direction.
- **VENT Button:** Push this button to set the ventilating mode. The ventilating mode will operate in the following sequence:



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

2. specifications

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

14.2.4 Optional wired controller for ducted units without electric heater: KJR-18B/E

1. Models

KJR-18B/E is a thermostat that has developed into 4 types. Each type has its own features to suit different environment.

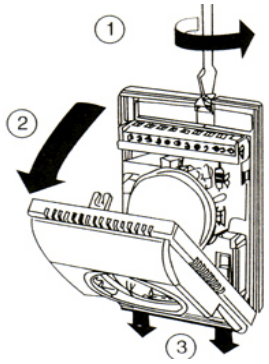
Models	Features
KJR-18B/E-A	Only control 3-speed fan, when the temperature reaches the set-point, it will close the Fan.
KJR-18B/E-B	Control motorized valve and 3-speed fan, when the temperature reaches the set-point, it will close the motorized valve and fan both
KJR-18B/E-C	Control motorized valve and 3-speed fan, when the temperature reaches the set-point, it will close the motorized valve with the fan still running
KJR-18B/E-D	Control 4 pipe fan coil units, control two motorized valves and 3-speed fan, when the temperature reaches the set-point, it will close the motorized valves with the fan still running.

2. Specifications

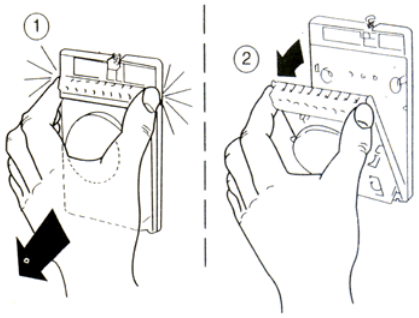
Model	KJR-18B/E
Available appliance	Ducted FCU without electrical heater
Power supply	AC220V±10%-1Ph-50/60Hz
Operating temperature	0~45℃
Operating Humidity	5~90%RH
Temperature controlling range	10~30℃
Temperature controlling precision	±1℃
Dimension (H×W×D)	130×85×43mm

3. Installation

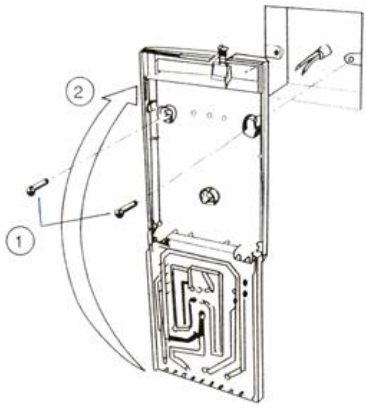
1) Dismantle the front panel



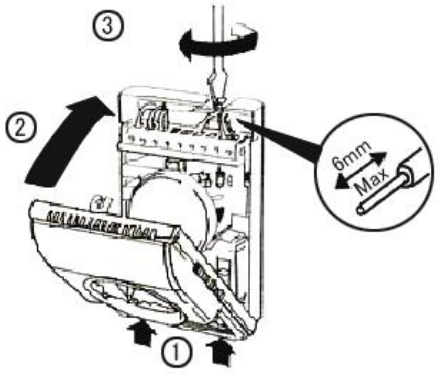
2) Dismantle te middle part



3) Install the back base

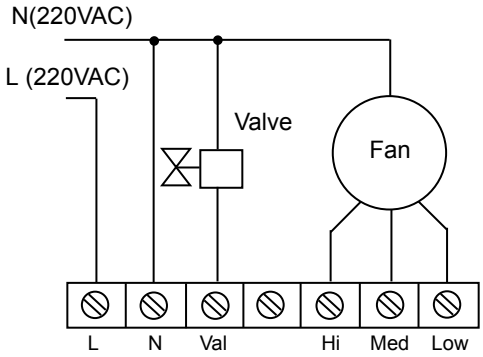


4) Wire Connection



4. Wiring diagrams:

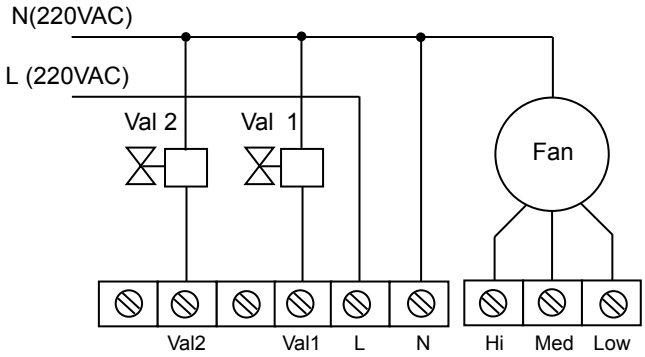
KJR-18B/E-A KJR-18B/E-B KJR-18B/E-C



2-wireNCvalve system

(KJR-18B/E-A without Motorized Valve)

KJR-18B/E-D



Val1: For heating Val2: For cooling

2-wire NC valve system

Note: Please confirm the model and use corresponding wiring diagram above when you wire.

14.2.5 Optional wired controller for ducted units with electric heater: KJR-21B/D

KJR-21B/D is available for ducted FCU with electric heater. It has large LCD display which can dispaly: working mode (cooling, heating and ventilation), fan speed, room temperature, setting temperature, etc. The buttons on the panel are : on/off ( ) , mode exchange (M), timer ( ), fan speed) and temperatureadjustment( )

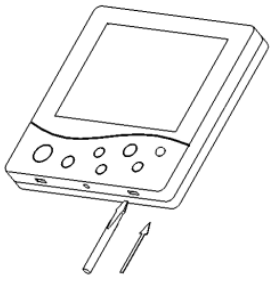
Function:

Available for ducted FCU with electric heater
Blue backlight
Clock dispasy
Temperature setting
Mode setting : cool/heat/fan/electric heating on/off
Fan speed setting: auto/high/medium/low
Motorized valve control
Electri heating control
Remote control (optional)

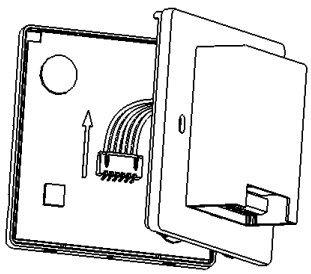
Specifications:

Power supply : AC220V 10%, 50/60Hz
Power consumption: 2W
Current load: 2A
Temperature controlling range: 5℃ 35℃
Temperature controlling precision: 1℃
External dimension: 86×86×13 mm (W×H×D)
Installation hole pitch: 60mm (standard)

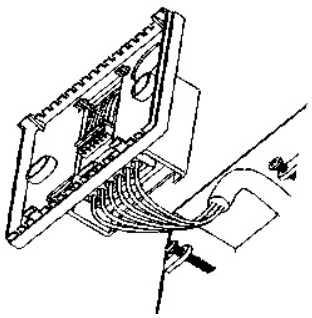
Installation



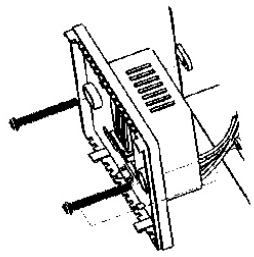
1.Open the panel by screwdriver

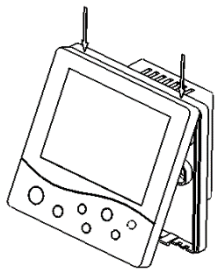


2. Disassemble the wires



3. connect the wires to terminals by screwdriver

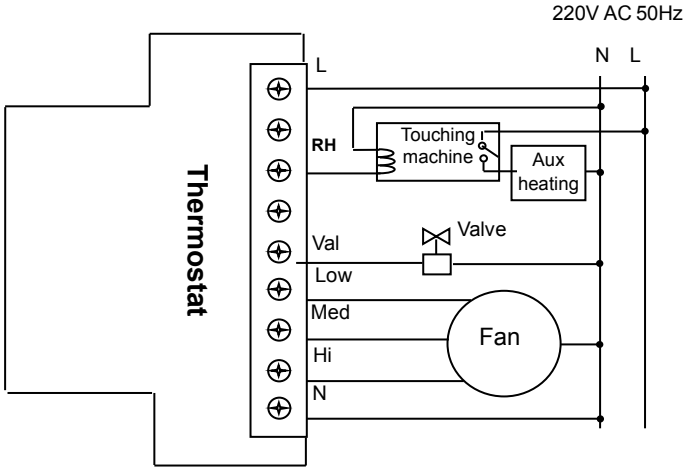




4. Put the back panel into the wall, then fix it with two screws in the packing box. Install main control panel wires.

5. Install main control panel wires. Put the cover with 30 degree angle, then fix the up two clips. Push the palces of two down clips, fix the cover, and finish the installation.

Wiring diagram:



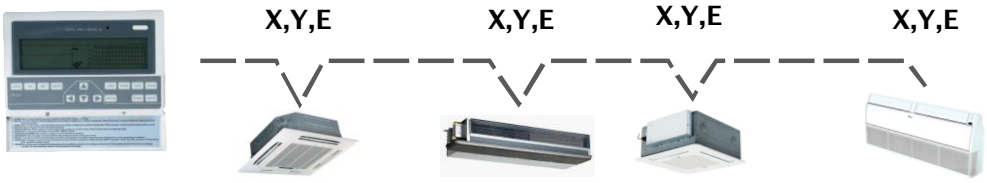
How to operate

On/off	Press "⏻" to turn on, press "⏻" again to turn off.
Temperature setting	Press " " to reduce temperature& press " " to raise temperature; each time, temperature will change 1℃.
Cooling	Press "M" until it displays "❄" and flash, it will be confirmed automatically after 5 seconds.
Heating	Press "M" until it displays "☀" and flash, it will be confirmed automatically after 5 seconds.
Ventilation	Press "M" until it displays "🌀" and flash, it will be confirmed automatically after 5 seconds.
Electric heating on/off	(Only available on heating mode) In heating mode, When the room-temperature is 2℃ lower than the set-temperature, The electric heating will be on and thermostat will display " ", meanwhile valve is off automatically. When the room-temperature is 1℃ higher than the set-temperature, The electric heating will be off automatically and " " will not be displayed.
Valve control	In cooling mode, When the set-temperature is equal or 1℃ higher than the room-temperature, the valve will be on; When the set-temperature is equal or 1℃ lower than the room-temperature, the valve will be off.
Fan speed	Press "🌀" to select "🌀(Hi), 🌀(Med), 🌀(Low), 🌀(Auto). In "🌀(Auto)"mode, the fan-speed changed automatically. LOW-speed When the difference between room-temperature and set-temperature exceed 1℃, MED-speed When exceed 2℃, HI-speed When exceed 3℃. When the electric heating is turned on, The LOW-speed is invalid, MED-speed when the set-temperature is lower than room-temperature& HI-speed when equal or exceed 3℃.

Timer on/off	Timer on: Press “ ” , until it displays “ ” , “TIMER ON” flashes, and “mm” of “hh:mm” flashes, press “ ” or “ ” to adjust the minutes, press “ ”& “hh” of “hh:mm” flashes, press “ ” or “ ” to adjust the hours. Timer off: Press “ ” , until it displays “ ”“TIMER OFF” flashes, and “mm” of “hh:mm” flashes, press “ ” or “ ” to adjust minutes, press“ ” , “hh” of “hh:mm” flashes, press “ ” or “ ” to adjust the hours. Notes: If your setting is accepted by thermostat, The “TIMER ON/OFF” will be displayed on LCD. **Cancel the time on/off function:** For unused periods, set the ON and OFF time to “00.00”. **Temperature Calibration:** When the displayed temperature is not correct. With the thermostat in turned off, Press “M” and “ ” for 3 seconds. The display will show “XX” °C. Press “ ” or “ ” to adjust the temperature to the correct value. It will be confirmed after 5 seconds

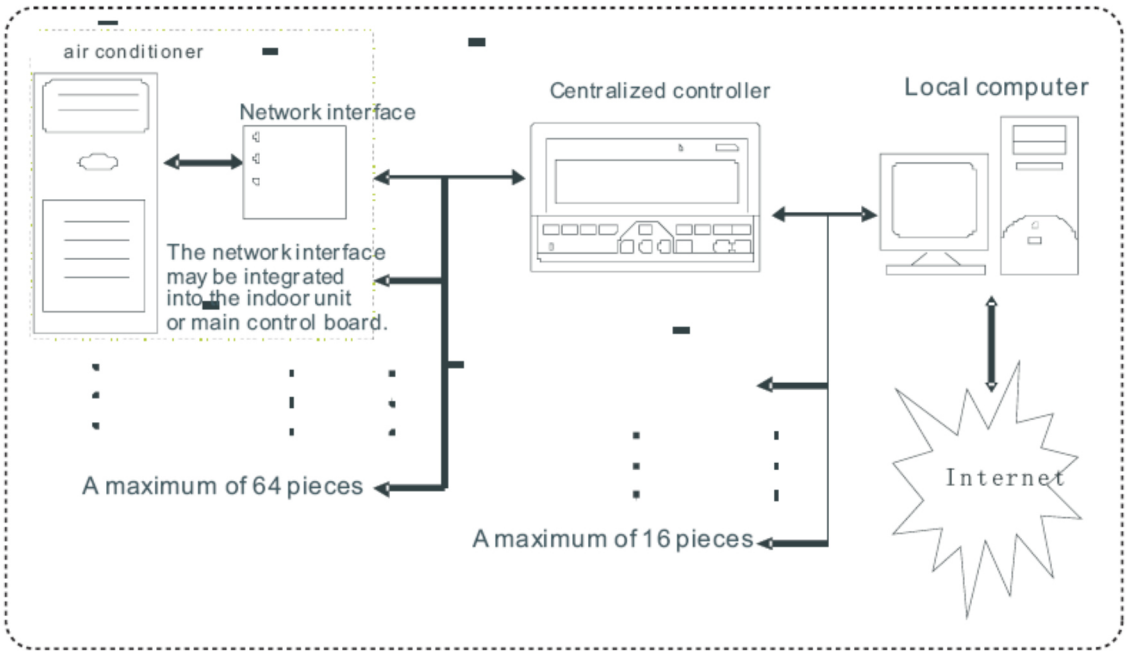
14.2.6 Optional central controller: CCM03

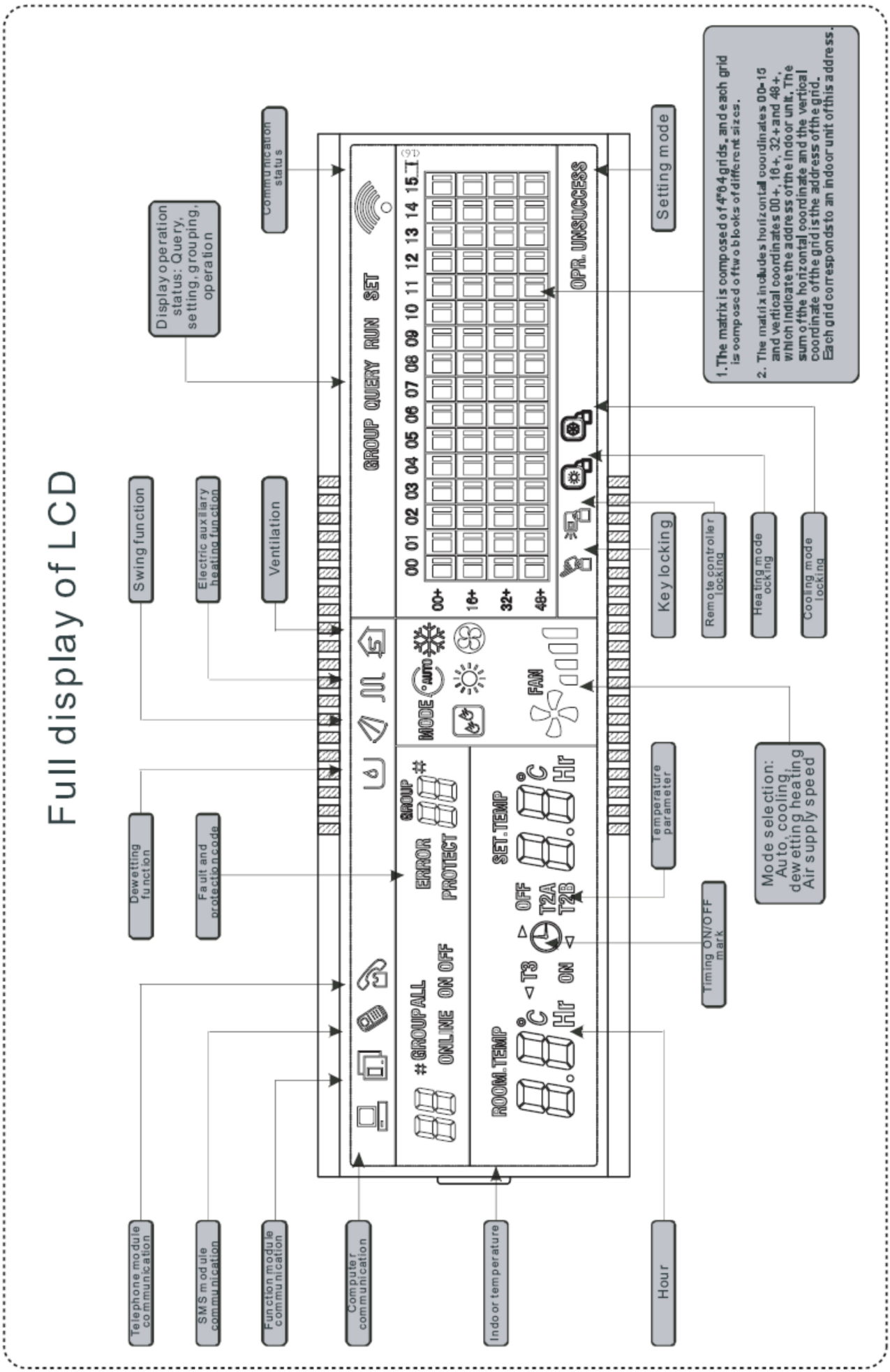
MD-CCM03 is a multifunctional device which is able to control up to 64 indoor units. And the connection length can be up to 1,200m as follow:



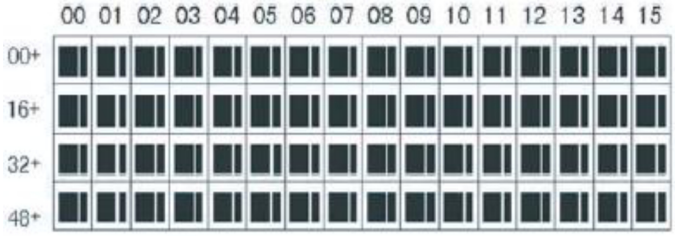
Access to network monitoring

MD-CCM03 is able to bridge up to 64 indoor units to the network monitoring system and the building management system as follow:



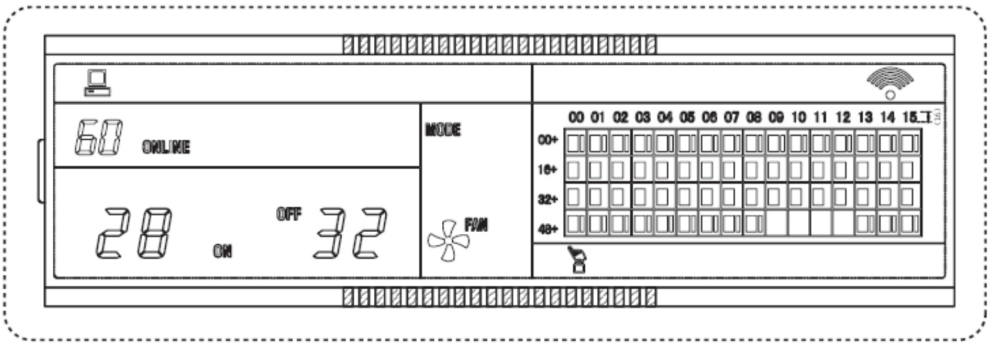

Full display of LCD
Communication status
Display operation status: Query, setting, grouping, operation
Setting mode
1. The matrix is composed of 4*64 grids, and each grid is composed of two blocks of different sizes.
2. The matrix includes horizontal coordinates 00-15 and vertical coordinates 00+, 16+, 32+ and 48+, which indicate the address of the indoor unit. The sum of the horizontal coordinate and the vertical coordinate of the grid is the address of the grid. Each grid corresponds to an indoor unit of this address.
GROUP QUERY RUN SET
OPR. UNSUCCESS
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15
00+
16+
32+
48+
Swing function
Electric auxiliary heating function
Ventilation
Key locking
Remote controller locking
Heating mode locking
Cooling mode locking
Dewetting function
Fault and protection code
Temperature parameter
Timing ON/OFF mark
Mode selection: Auto, cooling, dewetting heating Air supply speed
GROUP
ERROR
PROTECT
MODE
FAN
GROUPALL
ONLINE ON OFF
SET.TEMP
ROOM.TEMP
T3
T2A
T2B
OFF
ON
Telephone module communication
SMS module communication
Function module communication
Computer communication
Indoor temperature
Hour

Liquid crystal matrix display description:



- The liquid crystal matrix is composed of 4×64 grids, and each grid is composed of two blocks of different sizes (as shown in the above figure).
- The matrix includes horizontal coordinates 00-15 on the upper side and vertical coordinates 00+, 16+, 32+ and 48+ on the left side, which indicate the address of the indoor unit. The sum of the horizontal coordinate and the vertical coordinate of the grid is the address of the grid. Each grid corresponds to an indoor unit of this address.
- One grid is composed of two blocks of different sizes. The status indication table is as follows:

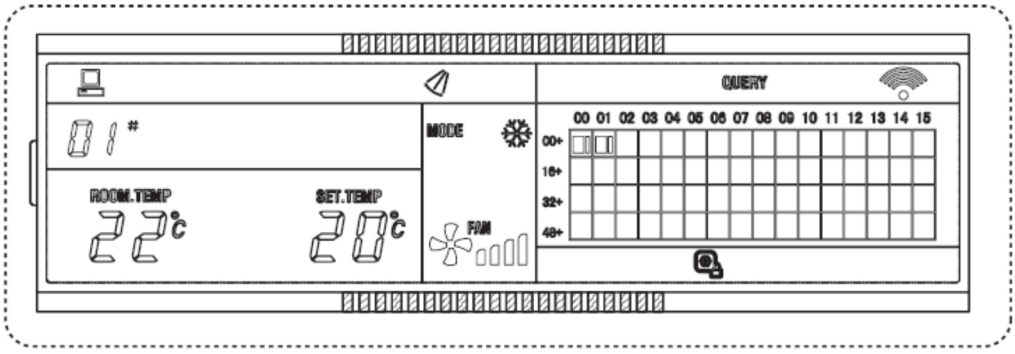
Status / Object	Constantly on	Slow blink		Fast blink
Big black block	In-service	Selected		Out of service
Small black block	Power on		Fault of indoor unit	Power off



LCD display description

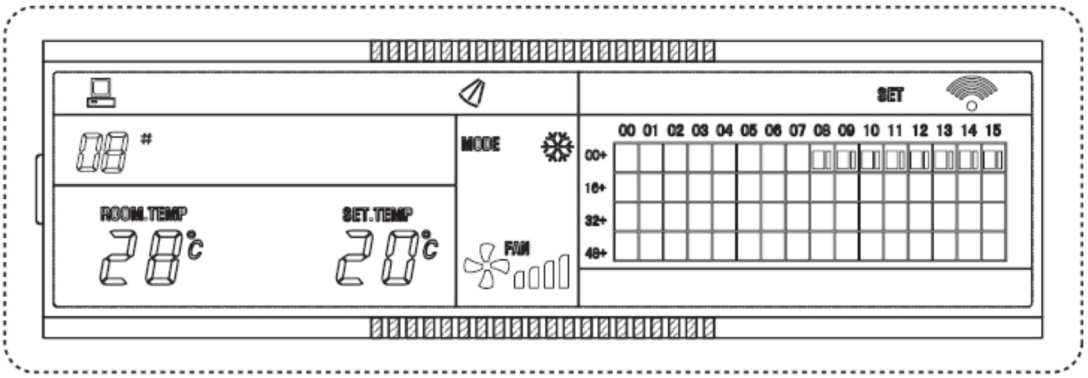
Description of the standby page

1) The LCD displays the standby page, 60 air conditioners are in service, of which 28 are powered on and 32 off.
2) In the matrix, the big dots of (00, 16+) and (15,32+) are luminous, and the small dots are not luminous. It indicates the 32 air conditioners with the addresses from 16 to 47 are powered off.
3) In the matrix, the big and small dots of (09, 48+) and (12, 48+) are not luminous. It indicates the four air conditioners with the addresses from 57 to 60 are outside the network.
4) All other big and small dots in the matrix are luminous. It indicates all other air conditioners are in the network and powered on.
5) The address of the air conditioner is sum of the coordinates. For example, the address of (09, 48+) is 09+48=57.
6) The centralized controller keypad is locked, and the centralized controller communicates with the computer normally.



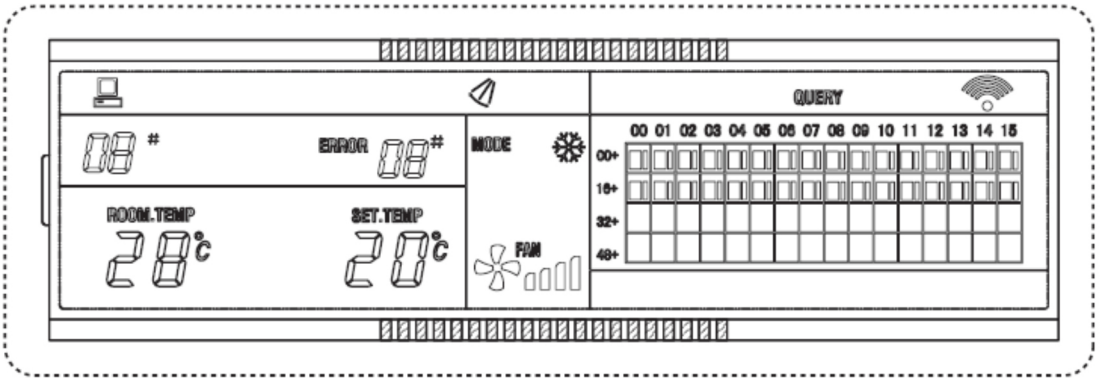
Query page description

1) The LCD displays the query page, and the air conditioner with the address of 08 is being queried. Mode of the air conditioner with the address 01 is: Cooling, strong air, swing on, indoor temperature 22°C, set temperature 20°C, cooling mode “lock”.
2) In the matrix, only the big and small black dots at (00, 00+) and (01, 00+) are luminous. It indicates the in-service and power-on status of the air conditioners with the addresses of 00 and 01.
3) The centralized controller communicates with the computer normally.



Setting page description

1) The LCD displays the setting page, and queries the air conditioner with the address of 08. The mode of the air conditioner with the address 08 is: Cooling, strong air, swing on, indoor temperature 28°C, set temperature 22°C, cooling.
2) In the matrix, only the big black dots from (08, 00+) to (16, 00+) are luminous. It indicates the air conditioners with the addresses from 08 to 16 are in service.
3) The centralized controller communicates with the computer normally.



Fault page display description

1) Query the air conditioner with the address of 08 in the query page. The air conditioner with the address of 08 is faulty, and the fault code is 08. The big black dot below (08, 0+) blinks.
2) In the matrix, only the big and small black dots from (00, 00+) to (16, 15+) illuminate. It indicates the in-service status of the air conditioners with the addresses of 00 and 01.
3) The centralized controller communicates with the computer normally.