

1 Specifications

Model name			MKT3-200G12-C	MKT3-200G30-C	MKT3-200G50-C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	340/257/172		
		CFM	200/151/101		
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	2.35/2.00/1.50	2.50/2.10/1.56	2.50/2.10/1.56
	Water flow rate (H/M/L)	m³/h	0.40/0.40/0.40	0.43/0.43/0.43	0.43/0.43/0.43
	Water pressure (H/M/L)	kPa	24/20/15	27/24/19	27/24/19
Heating	Capacity (H/M/L)	kW	3.90/3.09/2.15	4.10/3.20/2.20	4.10/3.20/2.20
	Water flow rate (H/M/L)	m³/h	0.40/0.40/0.40	0.43/0.43/0.43	0.43/0.43/0.43
	Water pressure (H/M/L)	kPa	20/16/12	22/20/16	22/20/16
Power input(H/M/L)		W	36/25/23	42/36/29	48/38/31
Auxiliary electric heater(AEH)		W	500	500	500
Current input(H/M/L)		A	0.16/0.11/0.10	0.19/0.16/0.13	0.22/0.17/0.14
Sound pressure level (H/M/L)		dB(A)	35.0/26.5/23.5	37.0/30.0/23.0	40.0/32.0/24.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		1		
Coil	Row		3		
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	632×243×482		
	Packing (W×H×D) (CB)	mm	698×270×520		
	Net weight (CB)	kg	12.3		
	Gross weight (CB)	kg	14.4		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

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

Model name			MKT3-300G12-C	MKT3-300G30-C	MKT3-300G50-C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)	m ³ /h		510/384/256	510/384/256	510/385/257
	CFM		300/226/151	300/226/151	300/226/151
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	3.40/2.90/2.21	3.40/2.90/2.21	3.40/2.90/2.20
	Water flow rate (H/M/L)	m ³ /h	0.58/0.58/0.58		
	Water pressure (H/M/L)	kPa	24/19/14		
Heating	Capacity (H/M/L)	kW	5.67/4.52/3.18	5.67/4.52/3.18	5.67/4.52/3.17
	Water flow rate (H/M/L)	m ³ /h	0.58/0.58/0.58		
	Water pressure (H/M/L)	kPa	20/16/12		
Power input(H/M/L)		W	50/28/23	57/40/32	64/50/38
Auxiliary electric heater(AEH)		W	600	600	600
Current input(H/M/L)		A	0.23/0.13/0.10	0.26/0.18/0.15	0.29/0.23/0.17
Sound pressure level (H/M/L)		dB(A)	39.0/27.5/26.0	40.5/33.0/26.0	42.0/34.0/31.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		2	1	1
Coil	Row		3		
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	773×243×482		
	Packing (W×H×D) (CB)	mm	843×270×520		
	Net weight (CB)	kg	14.7		
	Gross weight (CB)	kg	16.9		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

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

2-Pipe Duct MKT3-C Series



Model name			MKT3-400G12-C	MKT3-400G30-C	MKT3-400G50-C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow(H/M/L)		m³/h	680/516/344		
		CFM	400/303/202		
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	4.41/3.77/2.90		
	Water flow rate (H/M/L)	m³/h	0.76/0.76/0.76		
	Water pressure (H/M/L)	kPa	24/21/16		
Heating	Capacity (H/M/L)	kW	7.35/5.89/4.19		
	Water flow rate (H/M/L)	m³/h	0.76/0.76/0.76		
	Water pressure (H/M/L)	kPa	20/17/13		
Power input (H/M/L)		W	60/47/39	70/47/40	81/64/57
Auxiliary electric heater(AEH)		W	1000	1000	1000
Current input (H/M/L)		A	0.27/0.21/0.18	0.32/0.21/0.18	0.37/0.29/0.26
Sound pressure level (H/M/L)		dB(A)	41.0/30.5/24.0	40.5/34.0/26.0	44.0/37.0/33.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		2		
Coil	Row		3		
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	908×243×482		
	Packing (W×H×D) (CB)	mm	978×270×520		
	Net weight (CB)	kg	17.6		
	Gross weight (CB)	kg	20.2		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

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

Model name			MKT3-500G12-C	MKT3-500G30-C	MKT3-500G50-C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow(H/M/L)			850/643/429		
			500/379/252		
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	5.00/4.27/3.36		
	Water flow rate (H/M/L)	m³/h	0.86/0.86/0.86		
	Water pressure (H/M/L)	kPa	30/23/18		
Heating	Capacity (H/M/L)	kW	8.60/6.93/5.03		
	Water flow rate (H/M/L)	m³/h	0.86/0.86/0.86		
	Water pressure (H/M/L)	kPa	24/19/15		
Power input(H/M/L)		W	74/69/53	83/67/56	97/65/55
Auxiliary electric heater(AEH)		W	1000	1000	1000
Current input(H/M/L)		A	0.34/0.31/0.24	0.38/0.30/0.25	0.44/0.30/0.25
Sound pressure level(H/M/L)		dB(A)	43.0/34.0/28.5	42.0/36.0/27.0	46.0/40.0/33.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		2		
Coil	Row		3		
	MAX. working pressure	MPa	1.6MPa		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	908×243×482		
	Packing (W×H×D) (CB)	mm	978×270×520		
	Net weight (CB)	kg	17.6		
	Gross weight (CB)	kg	20.2		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

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

2-Pipe Duct MKT3-C Series



Model name			MKT3-600G12-C	MKT3-600G30-C	MKT3-600G50-C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow(H/M/L)	m ³ /h		1020/784/523	1020/784/523	1020/799/533
	CFM		600/461/308	600/461/308	600/470/313
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	6.00/5.16/4.06	6.00/5.16/4.06	6.00/5.19/4.08
	Water flow rate (H/M/L)	m ³ /h	1.03/1.03/1.03		
	Water pressure (H/M/L)	kPa	38/28/25		
Heating	Capacity (H/M/L)	kW	9.98/8.14/5.96	9.98/8.14/5.96	9.98/8.19/6.01
	Water flow rate (H/M/L)	m ³ /h	1.03/1.03/1.03		
	Water pressure (H/M/L)	kPa	31/23/20		
Power input (H/M/L)		W	93/68/56	102/78/64	114/85/76
Auxiliary electric heater(AEH)		W	1500	1500	1500
Current input (H/M/L)		A	0.42/0.31/0.25	0.46/0.35/0.29	0.52/0.39/0.35
Sound pressure level (H/M/L)		dB(A)	45.0/36.6/31.0	43.0/37.0/27.0	47.0/42.0/33.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		2		
Coil	Row		3		
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1003×243×482		
	Packing (W×H×D) (CB)	mm	1073×270×520		
	Net weight (CB)	kg	18.8		
	Gross weight (CB)	kg	21.5		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

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

Model name			MKT3-700G12-C	MKT3-700G30-C	MKT3-700G50-C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow(H/M/L)		m³/h	1150/866/578	1190/896/598	1190/896/598
		CFM	677/510/340	700/528/352	700/528/352
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	7.05/6.00/4.68	7.20/6.13/4.79	7.20/6.13/4.79
	Water flow rate (H/M/L)	m³/h	1.21/1.21/1.21	1.24/1.24/1.24	1.24/1.24/1.24
	Water pressure (H/M/L)	kPa	28/22/18	30/23/20	30/23/20
Heating	Capacity (H/M/L)	kW	11.70/9.39/6.81	12.00/9.66/7.01	12.00/9.66/7.01
	Water flow rate (H/M/L)	m³/h	1.21/1.21/1.21	1.24/1.24/1.24	1.24/1.24/1.24
	Water pressure (H/M/L)	kPa	23/18/15	24/19/16	24/19/16
Power input (H/M/L)		W	112/97/80	121/88/72	131/110/80
Auxiliary electric heater(AEH)		W	1500	1500	1500
Current input (H/M/L)		A	0.51/0.44/0.36	0.55/0.40/0.33	0.60/0.50/0.36
Sound pressure level (H/M/L)		dB(A)	46.0/38.0/30.0	46.0/39.0/31.0	48.0/43.0/37.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		2		
Coil	Row		3		
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1178×243×482		
	Packing (W×H×D) (CB)	mm	1248×270×520		
	Net weight (CB)	kg	21.4		
	Gross weight (CB)	kg	24.5		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

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

2-Pipe Duct MKT3-C Series



Model name			MKT3-800G12-C	MKT3-800G30-C	MKT3-800G50-C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	1360/1031/687		
		CFM	800/607/404		
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	8.03/6.87/5.40		
	Water flow rate (H/M/L)	m³/h	1.38/1.38/1.38		
	Water pressure (H/M/L)	kPa	40/31/25		
Heating	Capacity (H/M/L)	kW	13.60/10.98/8.02		
	Water flow rate (H/M/L)	m³/h	1.38/1.38/1.38		
	Water pressure (H/M/L)	kPa	32/25/20		
Power input (H/M/L)		W	130/114/95	135/100/80	169/122/83
Auxiliary electric heater(AEH)		W	2000	2000	2000
Current input (H/M/L)		A	0.59/0.52/0.43	0.61/0.45/0.36	0.77/0.55/0.38
Sound pressure level (H/M/L)		dB(A)	46.0/39.1/30.0	44.5/40.0/33.0	50.0/39.0/36.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		3		
Coil	Row		3		
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1368×243×482		
	Packing (W×H×D) (CB)	mm	1438×270×520		
	Net weight (CB)	kg	25.5		
	Gross weight (CB)	kg	29.1		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

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

Model name			MKT3-1000G12-C	MKT3-1000G30-C	MKT3-1000G50-C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)	m³/h		1650/1247/831	1700/1284/856	1700/1284/856
	CFM		971/734/489	1000/756/504	1000/756/504
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	9.00/7.84/6.17	9.27/8.08/6.35	9.27/8.08/6.35
	Water flow rate (H/M/L)	m³/h	1.55/1.55/1.55	1.59/1.59/1.59	1.59/1.59/1.59
	Water pressure (H/M/L)	kPa	38/30/22	40/31/23	40/31/23
Heating	Capacity (H/M/L)	kW	15.60/12.82/9.36	16.00/13.16/9.61	16.00/13.16/9.61
	Water flow rate (H/M/L)	m³/h	1.55/1.55/1.55	1.59/1.59/1.59	1.59/1.59/1.59
	Water pressure (H/M/L)	kPa	31/24/18	32/25/19	32/25/19
Power input (H/M/L)		W	147/118/94	169/149/133	204/141/125
Auxiliary electric heater(AEH)		W	2000	2000	2000
Current input (H/M/L)		A	0.67/0.54/0.43	0.77/0.68/0.60	0.93/0.64/0.57
Sound pressure level (H/M/L)		dB(A)	48.0/40.7/33.0	47.0/42.0/35.0	51.0/45.0/40.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		1		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		3		
Coil	Row		3		
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1368×243×482		
	Packing (W×H×D) (CB)	mm	1438×270×520		
	Net weight (CB)	kg	26		
	Gross weight (CB)	kg	29.7		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

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

2-Pipe Duct MKT3-C Series



Model name			MKT3-1200G12-C	MKT3-1200G30-C	MKT3-1200G50-C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	2040/1544/1029		
		CFM	1200/909/606		
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	11.20/9.75/7.67		
	Water flow rate (H/M/L)	m³/h	1.93/1.93/1.93		
	Water pressure (H/M/L)	kPa	40/32/24		
Heating	Capacity (H/M/L)	kW	19.20/15.78/11.53		
	Water flow rate (H/M/L)	m³/h	1.93/1.93/1.93		
	Water pressure (H/M/L)	kPa	32/26/20		
Power input (H/M/L)		W	183/133/112	206/157/126	243/173/128
Auxiliary electric heater(AEH)		W	2500	2500	2500
Current input (H/M/L)		A	0.83/0.60/0.51	0.94/0.71/0.57	1.10/0.79/0.58
Sound pressure level (H/M/L)		dB(A)	50.0/42.6/33.0	48.0/42.0/35.0	52.0/46.0/40.0
Fan motor	Type		Low noise 3-speed AC capacitor motor		
	Quantity		2		
Fan	Type		Centrifugal, forward-curved blades		
	Quantity		4		
Coil	Row		3		
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1658×243×482		
	Packing (W×H×D) (CB)	mm	1728×270×520		
	Net weight (CB)	kg	33.8		
	Gross weight (CB)	kg	39.5		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

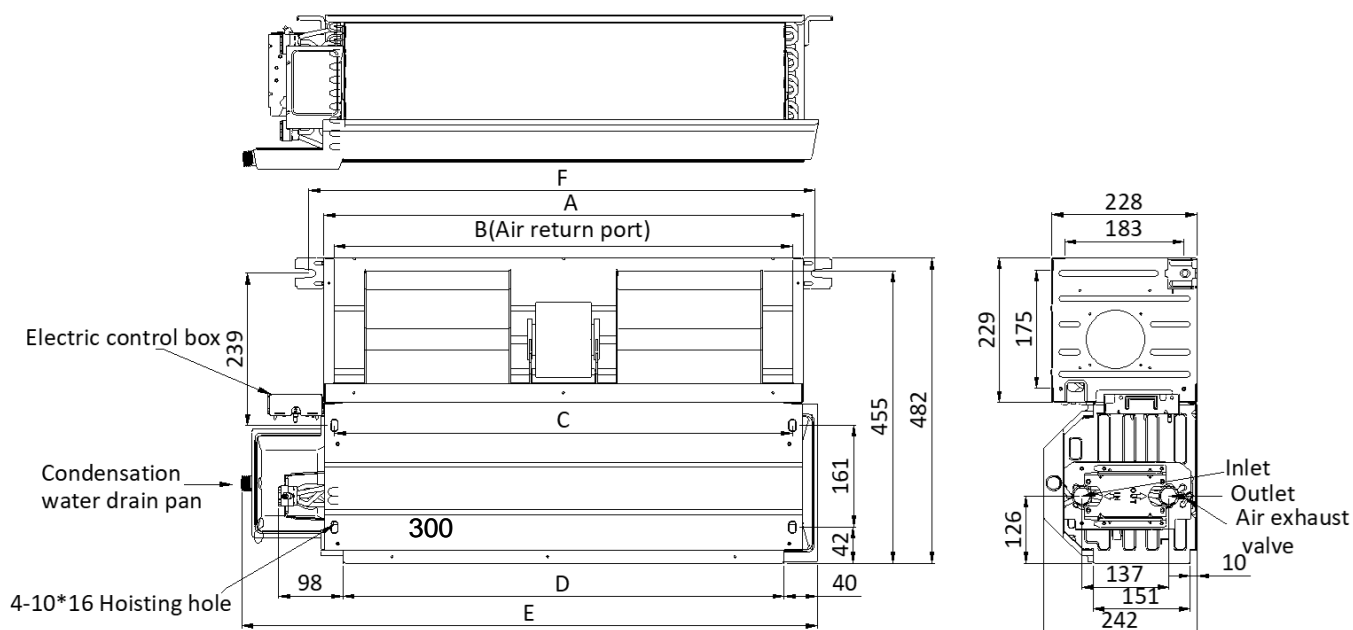
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated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

Model name			MKT3-1400G12-C	MKT3-1400G30-C	MKT3-1400G50-C
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	2380/1785/1190	2380/1785/1190	2380/1791/1194
		CFM	1400/1051/700	1400/1051/700	1400/1054/703
Standard external static pressure		Pa	12	30	50
Cooling	Capacity (H/M/L)	kW	13.00/11.30/8.90	13.00/11.30/8.90	13.00/11.30/8.91
	Water flow rate (H/M/L)	m³/h	2.24/2.24/2.24		
	Water pressure (H/M/L)	kPa	50/39/31		
Heating	Capacity (H/M/L)	kW	22.16/18.23/13.37	22.16/18.23/13.37	22.16/18.25/13.39
	Water flow rate (H/M/L)	m³/h	2.24/2.24/2.24		
	Water pressure (H/M/L)	kPa	40/32/25		
Power input (H/M/L)		W	221/177/140	245/179/145	291/259/221
Auxiliary electric heater(AEH)		W	2500	2500	2500
Current input (H/M/L)		A	1.00/0.80/0.64	1.11/0.81/0.66	1.32/1.18/1.00
Sound pressure level (H/M/L)		dB(A)	52.0/47.1/34.0	49.5/43.0/36.0	53.0/49.0/42.5
Fan motor	Type	Low noise 3-speed AC capacitor motor			
	Quantity	2			
Fan	Type	Centrifugal, forward-curved blades			
	Quantity	4			
Coil	Row	3			
	MAX. working pressure	MPa	1.6		
	Diameter	mm	7		
Body	Dimensions (W×H×D) (CB)	mm	1898×243×482		
	Packing (W×H×D) (CB)	mm	1968×270×520		
	Net weight (CB)	kg	35.3		
	Gross weight (CB)	kg	39.8		
Pipe connection	Water inlet/outlet pipe	inch	RC3/4		
	Drain pipe	inch	R3/4		

NOTES:

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

2 Dimensions



Model Size	200	300	400	600	700	800	1200	1400
			500			1000		
A	475	620	755	850	1025	1215	1505	1745
B	443	588	723	818	993	1183	1473	1713
C	443	588	723	818	993	1183	1473	1713
D	415	560	695	790	965	1155	1445	1685
E	627	772	907	1002	1177	1367	1657	1897
F	513	658	793	888	1063	1253	1543	1783