

Duct



Features

- Capacity range: 200CFM to 2000CFM.
- Two external static pressure (12Pa and 30Pa) settings for added flexibility.
- Space saving, only 242mm (200CFM to 1200CFM models) or 342mm (1500CFM to 2000CFM models) in height.
- Air return from the rear or below for increased installation flexibility.
- Standard extended drainage pan for protecting your ceiling better.
- Flexible control, no standard controller, remote controller and wired controller are optional.
- Pipe connection from left or right can be selected (in factory).
- Four-speed motor with one reserved for more choice .

2-Row Duct

12Pa ESP	MKT2-200	MKT2-300	MKT2-400	MKT2-500	MKT2-600	MKT2-800	MKT2-1000	MKT2-1200	MKT2-1400
30Pa ESP	MKT2H-200	MKT2H-300	MKT2H-400	MKT2H-500	MKT2H-600	MKT2H-800	MKT2H-1000	MKT2H-1200	MKT2H-1400
12Pa ESP with EAH	MKT2-200E	MKT2-300E	MKT2-400E	MKT2-500E	MKT2-600E	MKT2-800E	MKT2-1000E	MKT2-1200E	MKT2-1400E
30Pa ESP with EAH	MKT2H-200E	MKT2H-300E	MKT2H-400E	MKT2H-500E	MKT2H-600E	MKT2H-800E	MKT2H-1000E	MKT2H-1200E	MKT2H-1400E

3-Row Duct

12Pa ESP	MKT3-200	MKT3-300	MKT3-400	MKT3-500	MKT3-600	MKT3-800	MKT3-1000	MKT3-1200
30Pa ESP	MKT3H-200	MKT3H-300	MKT3H-400	MKT3H-500	MKT3H-600	MKT3H-800	MKT3H-1000	MKT3H-1200

4-Row Duct

30Pa ESP	MKT4H-200	MKT4H-300	MKT4H-400	MKT4H-500	MKT4H-600	MKT4H-800	MKT4H-1000	MKT4-1200	MKT4-1500	MKT4-2000
30Pa ESP with EAH	MKT4H-200E	MKT4H-300E	MKT4H-400E	MKT4H-500E	MKT4H-600E	MKT4H-800E	MKT4H-1000E	MKT4-1200E	MKT4-1500E	MKT4-2000E
50Pa ESP								MKT4H-1500G50	MKT4H-2000EG50	

Specifications (2-row)

Model MKT2(H)-			200(E)	300(E)	400(E)	500(E)	600(E)
Air Volume	High	m³/h	340	510	680	850	1,020
		CFM	200	300	400	500	600
	Med	m³/h	285	420	580	700	840
		CFM	170	250	340	410	495
	Low	m³/h	210	320	420	520	620
		CFM	125	190	250	305	365
Cooling Capacity		W	2,000	2,700	3,600	4,500	5,400
Heating Capacity		W	3,200	4,300	5,400	6,800	8,100
Electrical Auxiliary Heater (EAH)		W	500	650	1,000	1,000	1,500
Standard External Static Pressure		Pa	12/30				
Power Input	12Pa	W	37	42.5	63.5	78	98
	30Pa	W	43.4	61.2	78.6	89.3	112
Noise(Hi/Med/L0)	12Pa	dB(A)	36/30/25	38/32/26	40/33/27	42/35/29	43/35/30
	30Pa	dB(A)	39/32/27	41/33/28	43/35/30	44/35/31	45/36/32
Water Flow		l/min	5.7	7.7	10.3	12.9	15.5
Water Pressure Drop		kPa	9.8	11	21	12.7	17.5
Fan Motor	Type	Low noise 4-speed fan motor					
Fan	Type	Centrifugal, forward-curved Blades					
Coil	Row	2					
	Working Pressure	MPa	1.6				
Indoor Unit (without EAH)	Net Dimension (W×H×D)	mm	770×242×490	827×242×490	927×242×490	1,140×242×490	1,140×242×490
	Net Weight (12Pa/30Pa)	kg	16(15.5)	18.5(18)	15(20.5)	19(24)	24(24.5)
Indoor Unit (with EAH)	Net Dimension (W×H×D)	mm	770×242×534	827×242×534	927×242×534	1,140×242×534	1,140×242×534
	Net Weight (12Pa/30Pa)	kg	18(18)	19(19)	25(25)	28(28)	28(28)
Pipe Connection	Water-inlet pipe	Inch	RC3/4"				
	Water-outlet pipe	Inch	RC3/4"				
	Drain pipe	mm	ODΦ24				

Note:

- The data is the performance in high speed with relevant external static pressure.
- Cooling Conditions: Entering Water 7°C, Temperature Rise 5°C, Entering Air Temperature 27°CDB,19°CWB.
Heating Conditions: Entering Water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
- Noise level is tested in full-anechoic room.
- The EAH capacity only available with E type unit.

■ Specifications (2-row)

Model MKT2(H)-			800(E)	1000(E)	1200(E)	1400(E)
Air Volume	High	m³/h	1,360	1,700	2,040	2,380
		CFM	800	1,000	1,200	1,400
	Med	m³/h	1,150	1,400	1,650	2,000
		CFM	680	820	970	1,175
	Low	m³/h	840	1,000	1,250	1,480
		CFM	495	590	735	870
Cooling Capacity		W	7,200	9,000	11,000	13,000
Heating Capacity		W	11,000	13,500	16,500	19,500
Electrical Auxiliary Heater (EAH)		W	2,000	2,000	3,000	3,000
Standard External Static Pressure		Pa	12/30			
Power Input	12Pa	W	143	178	206	240
	30Pa	W	156	197	234	262
Noise(Hi/Med/Lo)	12Pa	dB(A)	43/34/30	46/36/32	47/37/33	48/38/34
	30Pa	dB(A)	46/37/33	48/38/35	50/40/37	52/42/39
Water Flow		l/min	20.6	25.8	31.5	37.3
Water Pressure Drop		kPa	13.6	20	35	40
Fan Motor	Type		Low noise 4-speed fan motor			
Fan	Type		Centrifugal, forward-curved Blades			
Coil	Row		2			
	Working Pressure	MPa	1.6			
Indoor Unit (without EAH)	Net Dimension (W×H×D)	mm	1,440×242×490	1,546×242×490	1,835×242×490	1,835×242×490
	Net Weight (12Pa/30Pa)	kg	27(32)	29(36)	33(33)	34(34)
Indoor Unit (with EAH)	Net Dimension (W×H×D)	mm	1,440×242×534	1,546×242×534	1,835×242×534	1,835×242×534
	Net Weight (12Pa/30Pa)	kg	34(32.4)	37(37)	44(44)	44(44)
Pipe Connection	Water-inlet pipe	Inch	RC3/4"			
	Water-outlet pipe	Inch	RC3/4"			
	Drain pipe	mm	ODφ24			

Note:

- The data is the performance in high speed with relevant external static pressure.
- Cooling Conditions: Entering Water 7°C, Temperature Rise 5°C, Entering Air Temperature 27°C DB,19°CWB.
Heating Conditions: Entering Water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
- Noise level is tested in full-anechoic room.
- The EAH capacity only available with E type unit.

■ Specifications (3-row)

Model MKT3(H)-			200	300	400	500
Air Volume	High	m³/h	340	510	680	850
		CFM	200	300	400	500
	Med	m³/h	255	385	510	640
		CFM	150	225	300	375
	Low	m³/h	170	255	340	425
		CFM	100	150	200	250
Cooling Capacity		W	2,100	3,300	4,200	4,800
Heating Capacity		W	3,500	5,300	6,800	7,900
Standard External Static Pressure		Pa	12/30			
Power Input	12Pa	W	34	46	65	68
	30Pa	W	40	60	80	110
Noise(Hi/Med/Lo)	12Pa	dB(A)	36/33/27	38/32/28	40/34/30	42/36/31
	30Pa	dB(A)	39/34/28	40/35/29	43/35/28	45/38/30
Water Flow		l/min	6	9.5	12	13.8
Water Pressure Drop		kPa	9.8	11	20	12.7
Fan Motor	Type		Low noise 4-speed fan motor			
Fan	Type		Centrifugal, forward-curved Blades			
Coil	Row		3			
	Working Pressure	MPa	1.6			
Indoor Unit	Net Dimension (W×H×D)	mm	757×242×534	812×242×534	912×242×534	912×242×534
	Net Weight (12Pa/30Pa)	kg	18(18)	19(19)	21.2(25)	21.5(25)
Pipe Connection	Water-inlet pipe	Inch	RC3/4"			
	Water-outlet pipe	Inch	RC3/4"			
	Drain pipe	mm	ODφ24			

Note:

- The data is the performance in high speed with relevant external static pressure.
- Cooling Conditions: Entering Water 7°C, Temperature Rise 5°C, Entering Air Temperature 27°C DB,19°CWB.
Heating Conditions: Entering Water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
- Noise level is tested in full-anechoic room.

■ Specifications (3-row)

Model MKT3(H)-			600	800	1000	1200
Air Volume	High	m³/h	1,020	1,360	1,700	2,040
		CFM	600	800	1,000	1,200
	Med	m³/h	765	1,020	1,275	1,530
		CFM	450	600	750	900
	Low	m³/h	510	680	850	1,020
		CFM	300	400	500	600
Cooling Capacity		W	5,800	7,900	9,100	11,500
Heating Capacity		W	10,000	13,600	16,000	20,300
Standard External Static Pressure		Pa	12/30			
Power Input	12Pa	W	100	140	170	220
	30Pa	W	110	155	210	230
Noise(Hi/Med/Lo)	12Pa	dB(A)	44/39/32	45/41/32	46/40/32	47/41/32
	30Pa	dB(A)	46/39/30	48/40/31	49/41/32	50/42/32
Water Flow		l/min	16.6	22.7	26.1	33
Water Pressure Drop		kPa	17.5	14.4	20.5	35
Fan Motor	Type		Low noise 4-speed fan motor			
Fan	Type		Centrifugal, forward-curved Blades			
Coil	Row		3			
	Working Pressure	MPa	1.6			
Indoor Unit	Net Dimension (W×H×D)	mm	1,125×242×534	1,425×242×534	1,530×242×534	1,820×242×534
	Net Weight (12Pa/30Pa)	kg	25(28)	34(34)	37(37)	44(44)
Pipe Connection	Water-inlet pipe	Inch	RC3/4"			
	Water-outlet pipe	Inch	RC3/4"			
	Drain pipe	mm	ODΦ24			

Note:

- The data is the performance in high speed with relevant external static pressure.
- 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.
- Noise level is tested in full-anechoic room.

■ Specifications (4-row)

Model MKT4(H)-			200(E)	300(E)	400(E)	500(E)	600(E)	800(E)
Air Volume	High	m³/h	340	510	680	850	1,020	1,360
		CFM	200	300	400	500	600	800
	Med	m³/h	255	385	510	640	765	1,020
		CFM	150	225	300	375	450	600
	Low	m³/h	170	255	340	425	510	680
		CFM	100	150	200	250	300	400
Cooling Capacity		W	2,200	3,200	4,000	4,800	6,000	7,300
Heating Capacity		W	4,100	5,800	7,100	8,000	10,500	12,500
Electrical Auxiliary Heater (EAH)		W	500	650	1,000	1,000	1,500	2,000
Standard External Static Pressure		Pa	30	30	30	30	30	30
Power Input		W	47	65	85	90	110	180
Noise(Hi/Med/Lo)		dB(A)	40/35/29	42/36/30	43/36/31	48/38/33	48/39/33	50/40/34
Water Flow		l/min	6.3	9.2	11.5	13.8	17.2	21
Water Pressure Drop		kPa	3.3	6.3	13	13	24.5	14.5
Fan Motor	Type		Low noise 4-speed fan motor					
Fan	Type		Centrifugal, forward-curved Blades					
Coil	Row		4					
	Working Pressure	MPa	1.6					
Indoor Unit	Net Dimension (W×H×D)	mm	757×242×534	812×242×534	912×242×534	912×242×534	1,125×242×534	1,425×242×534
	Net Weight (With EAH)	kg	19(20)	21(22)	24(25)	24(25)	30(32)	40(41)
Pipe Connection	Water-inlet pipe	Inch	RC3/4"					
	Water-outlet pipe	Inch	RC3/4"					
	Drain pipe	mm	ODø24					

Note:

- The data is the performance in high speed with relevant external static pressure.
- 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.
- Noise level is tested in full-anechoic room.
- The EAH capacity only available with E type unit.

■ Specifications (4-row)

Model MKT4(H)-			1000(E)	1200(E)	1500(E)	1500G50	2000(E)	2000G50
Air Volume	High	m³/h	1,700	2,040	2,550	2,550	3,400	3,400
		CFM	1,000	1,200	1,500	1,500	2,000	2,000
	Med	m³/h	1,275	1,530	2,100	2,100	2,550	2,550
		CFM	750	900	1,240	1,240	1,500	1,500
	Low	m³/h	850	1,020	1,300	1,300	1,700	1,700
		CFM	500	600	760	760	1,000	1,000
Cooling Capacity		W	9,200	10,800	13,500	13,500	18,000	18,000
Heating Capacity		W	15,000	16,000	17,500	17,500	23,400	23,400
Electrical Auxiliary Heater (EAH)		W	2,000	2,400	2,400	/	3,000	/
Standard External Static Pressure		Pa	30	30	30	50	30	50
Power Input		W	190	175	236	474	360	665
Noise(Hi/Med/Lo)		dB(A)	50/39/33	51/40/34	51/39/33	55/52/48	53/41/35	59/56/50
Water Flow		l/min	26.4	31	38.7	38.7	51.6	51.6
Water Pressure Drop		kPa	15	30	39	39	60	60
Fan Motor	Type		Low noise 4-speed fan motor					
Fan	Type		Centrifugal, forward-curved Blades					
Coil	Row		4					
	Working Pressure	MPa	1.6					
Indoor Unit	Net Dimension (WxHxD)	mm	1,530×242×534	1,369×342×612	1,369×342×612	1,369×342×612	1,500×342×612	1,500×342×612
	Net Weight (With EAH)	kg	41(42)	45.5(49)	46(49)	46	57(58)	53.7
Pipe Connection	Water-inlet pipe	Inch	RC3/4"					
	Water-outlet pipe	Inch	RC3/4"					
	Drain pipe	mm	ODφ24					

Note:

1. The data is the performance in high speed with relevant external static pressure.

2. 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.

3. Noise level is tested in full-anechoic room.

4. The EAH capacity only available with E type unit.

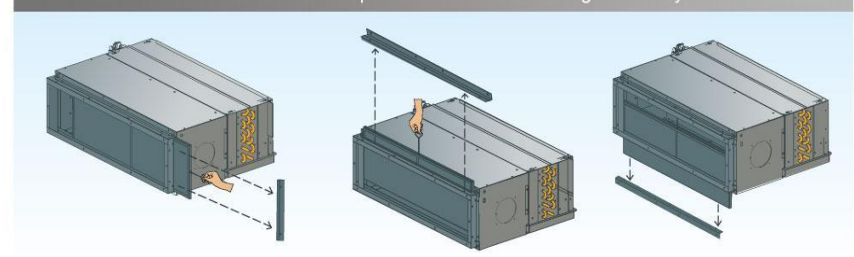
New 3-row duct



Features

- Wider capacity range: 200~1400CFM, adding 1400CFM model compared with the previous series.
- Wider external static pressure supplying. Three external static pressure (12Pa/30Pa/50Pa) settings for added flexibility.
- Lower noise for larger fin spacing. The fin spacing of new 3-row type is 2.2mm, old spacing is 1.8mm.
- A patent design is able to prevent abnormal noise caused by blowing flins.
- Higher efficient heat exchange for complete contranatat flow type.
- Air inlet and air outlet both with flange.
- Filter can be extracted in upward/downward/leftward/rightward way.
- Accessary hook for extracting conveniently.
- Standard extended drainage pan for protecting your ceiling better.

Filter be extracted in upward/downward/leftward/rightward way



New 3-Row Duct

12Pa ESP	MKT3-200G12	MKT3-300G12	MKT3-400G12	MKT3-500G12	MKT3-600G12	MKT3-800G12	MKT3-1000G12	MKT3-1200G12	MKT3-1400G12
30Pa ESP	MKT3-200G30	MKT3-300G30	MKT3-400G30	MKT3-500G30	MKT3-600G30	MKT3-800G30	MKT3-1000G30	MKT3-1200G30	MKT3-1400G30
50Pa ESP	MKT3-200G50	MKT3-300G50	MKT3-400G50	MKT3-500G50	MKT3-600G50	MKT3-800G50	MKT3-1000G50	MKT3-1200G50	MKT3-1400G50

■ Specifications

Model MKT3-			200G12 200G30 200G50	300G12 300G30 300G50	400G12 400G30 400G50	500G12 500G30 500G50	600G12 600G30 600G50
Air Volume	High	m³/h	340	510	680	850	1,020
		CFM	200	300	400	500	600
	Med	m³/h	255	385	510	640	765
		CFM	150	225	300	375	450
	Low	m³/h	170	255	340	425	510
		CFM	100	150	200	250	300
Cooling Capacity		W	2,200	3,100	4,000	4,600	5,800
Heating Capacity		W	3,500	5,300	6,800	7,900	9,800
Standard External Static Pressure		Pa	12/30/50				
Power Input	12	W	33	53	66	87	100
	30	W	49	64	75	93	114
	50	W	51	76	89	111	128
Noise(Hi/Med/Lo)	12	dB(A)	35/32/26	36/33/27	37/34/28	40/36/30	42/38/32
	30	dB(A)	41/37/31	42/38/32	43/39/33	44/40/34	45/41/35
	50	dB(A)	45/40/35	47/42/37	48/43/38	49/44/39	49/44/40
Water Flow		l/min	6.3	8.9	11.5	13.2	16.7
Water Pressure Drop		kPa	14	26	18	24	36
Fan Motor	Type		Low noise 4-speed fan motor				
Fan	Type		Centrifugal, forward-curved Blades				
Coil	Row		3				
	Working Pressure	MPa	1.6				
Indoor Unit	Net Dimension (WxHxD)	mm	757×241×526	812×241×526	912×241×526	912×241×526	1,135×241×526
	Net Weight	kg	17.5	21	23	23	27
Pipe Connection	Water-inlet pipe	Inch	RC3/4"				
	Water-outlet pipe	Inch	RC3/4"				
	Drain pipe	mm	ODØ24				

Note:

- The data is the performance in high speed with relevant external static pressure.
- Cooling Conditions: Entering Water 7°C, Temperature Rise 5°C, Entering Air Temperature 27°C DB,19°CWB.
Heating Conditions: Entering Water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
- Noise level is tested in full-anechoic room.

■ Specifications

Model MKT3-			800G12 800G30 800G50	1000G12 1000G30 1000G50	1200G12 1200G30 1200G50	1400G12 1400G30 1400G50
Air Volume	High	m³/h	1,360	1,700	2,040	2,380
		CFM	800	1,000	1,200	1,400
	Med	m³/h	1,020	1,275	1,530	1,785
		CFM	600	750	900	1,050
	Low	m³/h	680	850	1,020	1,190
		CFM	400	500	600	700
Cooling Capacity		W	8,200	9,000	11,000	12,500
Heating Capacity		W	13,600	16,000	20,100	21,000
Standard External Static Pressure		Pa	12/30/50			
Power Input	12	W	145	180	210	222
	30	W	154	180	220	278
	50	W	174	225	271	335
Noise(Hi/Med/Lo)	12	dB(A)	43/39/33	45/41/35	46/42/36	48/44/38
	30	dB(A)	46/42/36	47/43/37	48/44/38	49/45/39
	50	dB(A)	49/45/40	50/45/40	51/46/41	51/46/42
Water Flow		l/min	23.5	25.8	31.6	35.9
Water Pressure Drop		kPa	39	32	39	45
Fan Motor	Type		Low noise 4-speed fan motor			
Fan	Type		Centrifugal, forward-curved Blades			
Coil	Row		3			
	Working Pressure	MPa	1.6			
Indoor Unit	Net Dimension (W×H×D)	mm	1,435x241x526	1,540x241x526	1,830x241x526	1,992x241x526
	Net Weight	kg	36	41.5	47.5	49.5
Pipe Connection	Water-inlet pipe	Inch	RC3/4"			
	Water-outlet pipe	Inch	RC3/4"			
	Drain pipe	mm	ODΦ24			

Note:

- The data is the performance in high speed with relevant external static pressure.
- Cooling Conditions: Entering Water 7°C, Temperature Rise 5°C, Entering Air Temperature 27°C DB,19°CWB.
Heating Conditions: Entering Water 50°C, enter air temperature 20°C, the same water flow as the cooling conditions.
- Noise level is tested in full-anechoic room.