



Easy Upgrade. Right Fit. But Better

A next-generation ceiling-mounted AHU engineered for retrofit projects
Designed for Every Space. Built for Every Climate

36k: 62.1" width
30k: 55.2" width
24k: 49.1" width
18k: 43.2" width

23.3" width
10.9" height

Same Height, Same Width, Four Capacities Fits Diverse Project Needs

- Ultra-slim profile only **10.9"** in height
- Flexible capacities from **1.5 - 3 Tons**
- Reliable heating down to **-4°F (-20°C)** with COP up to **3.45**
- Continuous operation even at **-22°F (-30°C)**

485 & 24V Compatible for Easy System Upgrades

Best Comfort with Full Midea System
EVOX M-Station Smart Thermostat



Quality EVOX Unit



Upgrade Comfort with Easy Retrofit
Third-Party 24V Thermostat



Upgraded Solution— A New Standard In Ceiling Fan Coils



Upgrade Energy Efficiency

- ENERGY STAR
- NEEP
- SEER2 Up To 17.5
- EER2 Up To 12.0
- HSPF2 Up To 10.5



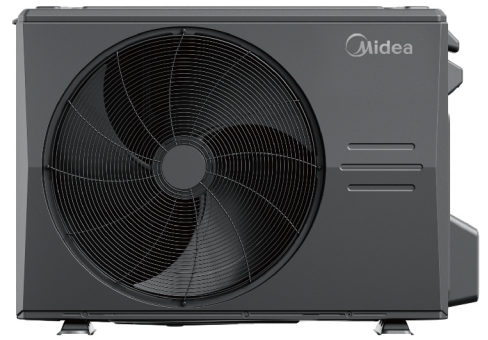
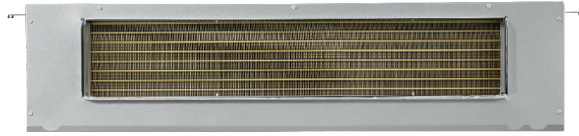
Upgrade Reliability

- All-Aluminium Coil
- 12 Year Warranty
- Nitrogen Protection
- Locking PCB Cover
- Easy To Service
- Easy Fault Code Cecking



Upgrade Performance

- Stable Airflow With ECM Motor
- Precise Control With EEV
- Future-Ready With R454B Refrigerant
- Static Pressure Up To 0.8"



Model	Indoor Market Model		MAPHE-H18B-2A	MAPHE-H24B-2A	MAPHE-H30B-2A	MAPHE-H36B-2A
	Outdoor Market Model		MO1HE-H18B-2A	MO1HE-H24B-2A	MO1HE-H30B-2A	MO1SE-H36B-2A
Power Supply	IDU Power Supply(Volts; Hz; Phase)		115/208/230,60Hz,1Ph			
	ODU Power Supply(Volts; Hz; Phase)		208/230,60Hz,1Ph			
System Performance	Cooling Capacity	Btu/h	18,000	24,000	30,000	36,000
	SEER2	Btu/h/W	16.8	17.5	16.3	15.4
	EER2	Btu/h/W	12	10.8	11	10.2
	Cooling Capacity Range	Btu/h	6,000-20,000	7,400-27,000	11,000-36,000	11,100-40,000
	Heating Capacity	Btu/h	19,000	26,000	31,000	37,000
	HSPF2-4	Btu/h/W	10.5	9.2	9.5	9.8
	HSPF2-5	Btu/h/W	8.5	7.5	8	8
	COP	W/W	3.5	3.45	3.42	3.3
	Heating Capacity Range	Btu/h	6,600-22,800	9,200-32,200	9,800-37,600	10,700-45,000
	Moisture removal	kg/h	1.46	1.91	2.56	3.26
	Indoor Minimum Circuit Ampacity	A	115V:6;208/230V:5	115V:7;208/230V:5	115V:8A; 208/230V:6A	115V:8A; 208/230V:6A
	Outdoor Minimum Circuit Ampacity	A	16.0	19.0	29.5	29.0
	Communication Wiring		AWG 20/2	AWG 20/2	AWG 20/2	AWG 20/2
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/Si)	CFM	600 / 565 / 530 / 489 / 489	824 / 759 / 647 / 630 / 630	989 / 895 / 806 / 542 / 542	1,189 / 1,083 / 971 / 865 / 865
	Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	55.5 / 55.5 / 52.5 / 50.5 / 50.5	56.5 / 56.5 / 53.5 / 51.5 / 51.5	63 / 62 / 60 / 54 / 54	59.5 / 59.5 / 57 / 48 / 48
	Outdoor Outdoor air flow	CFM	1,766	1,766	3,002	3,002
Outdoor noise level (Hi)	dB(A)	59	59	65	65	
Refrigerant & Piping	N.A. Design pressure	PSI	550 / 340	550 / 340	550 / 340	550 / 340
	Outdoor Refrigerant type		R454B			
	Outdoor Refrigerant charge	oz	74	74	106	127
	Outdoor Additional charge	oz/ft	0.7	0.7	0.7	0.7
	Liquid side	inch	3/8"			
	Gas side	inch	3/4"			
	Max. Piping Length	ft	98	164	164	246
	Max. Height Difference	ft	66	82	82	98
	Indoor Operating Temp. Range(Cooling)	°F	60~90	60~90	60~90	60~90
	Outdoor Operating Temp. Range(Cooling)	°F	-22~122	-22~122	-22~122	-22~122
Indoor Operating Temp. Range(Heating)	°F	32~86	32~86	32~86	32~86	
Outdoor Operating Temp. Range(Heating)	°F	-22~75	-22~75	-22~75	-22~75	
Size & Weight	Indoor Unit Net/Gross weight	lb	118/127.87	127.87/138.89	138.89/151.01	143.3/156.75
	Indoor Unit Dimension WxDxH	inch	43-1/4 x 23-3/8 x 10-7/8	49-1/8 x 23-3/8 x 10-7/8	55-1/4 x 23-3/8 x 10-7/8	62-1/8 x 23-3/8 x 10-7/8
	Indoor Package Dimension WxDxH	inch	47-1/4 x 26-3/4 x 13-5/8	53-1/8 x 26-3/4 x 13-5/8	59-1/4 x 26-3/4 x 13-5/8	66-1/8 x 26-3/4 x 13-5/8
	Outdoor Unit Net/Gross weight	lb	101 / 109	102 / 109	164 / 175	204 / 235
	Outdoor Unit Dimension WxDxH	inch	35 x 13-1/2 x 26-1/2	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8	38-9/16 x 16-3/8 x 38-3/8
	Outdoor Package Dimension WxDxH	inch	39-1/8 x 15-5/8 x 29-1/8	39-1/8 x 15-5/8 x 29-1/8	42-7/8 x 19-5/8 x 34-7/8	45-1/16 x 19-11/16 x 42-1/2
Indoor Electrical Motor	Indoor Indoor Fan Motor Model		ZKFD-250-10-6	ZKFD-250-10-6	ZKFD-375-10-6	ZKFD-375-10-6
	Indoor Output	W	250	250	375	375
	Indoor Motor Speed(Hi/Mi/Lo)	r/min	/			
Outdoor Electrical Motor	Outdoor Outdoor Fan Motor Model		ZKFN-80-8-3	ZKFN-80-8-3	ZKFN-120-8-2	ZKFN-250-10-1
	Outdoor Outdoor Fan Motor Output	W	80	80	120	250
	Outdoor Outdoor Fan Motor Speed(Hi/Mid/Lo)	r/min	780/700/550	810/700/450	950/850/750	800/750/650
Compressor	Outdoor Compressor Type		ROTARY	ROTARY	ROTARY	TWIN-ROTARY
	Outdoor Compressor Model		KTM240D46UKT2	KTM240D46UKT2	MTH356UKRC8FQL	EKPQ420D1UMUA
	Outdoor Compressor Brand		GMCC	GMCC	HIGHLY	GMCC
	Outdoor Compressor Capacity	W	7600	7600	10350	12000
	Outdoor Compressor Input Power	W	2045	2045	3200	3265
	Outdoor Compressor Rated current	A	9.3	9.3	12.2	6.6
	Outdoor Refrigerant oil		VG74	VG74	HAF68D1A	VG75
Outdoor Refrigerant oil charge	mL	620	620	1300	1460	