



X-TREME HEAT
-22°F
 Superior Heating
-4°F
 100% Heating Output



Guaranteed heat in extreme cold

One system for all seasons

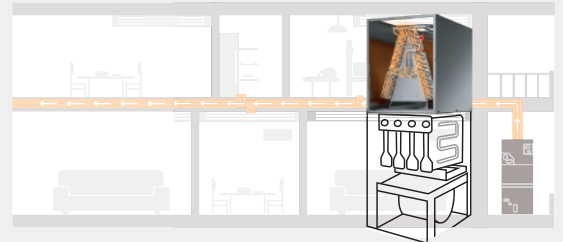
Inverter-driven precision comfort

Midea EVOX A-Coil™ The Ultimate All-Climate Comfort Solution

Dual fuel system combines heat pump efficiency with auxiliary heating, automatically switching based on conditions to ensure stable performance, reliable heating in low temperatures, and optimized energy use.

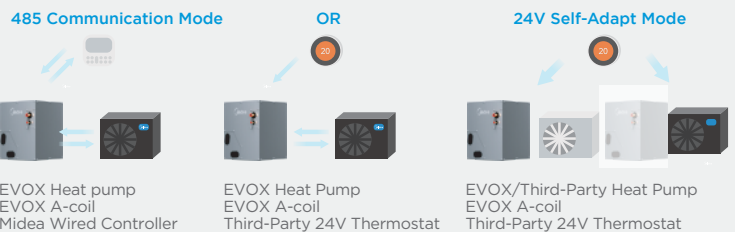
Dual Fuel Auto-Switch

Automatically switches between electric and gas heating based on your preset temperature thresholds or personal comfort preferences, ensuring optimal efficiency and continuous warmth.



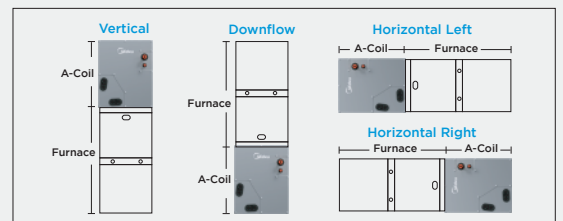
Intelligent Compatibility

The system automatically detects and adapts to RS485 or 24V connection between the indoor unit and outdoor unit, eliminating the need for manual configuration during installation.



Flexible Installation Options

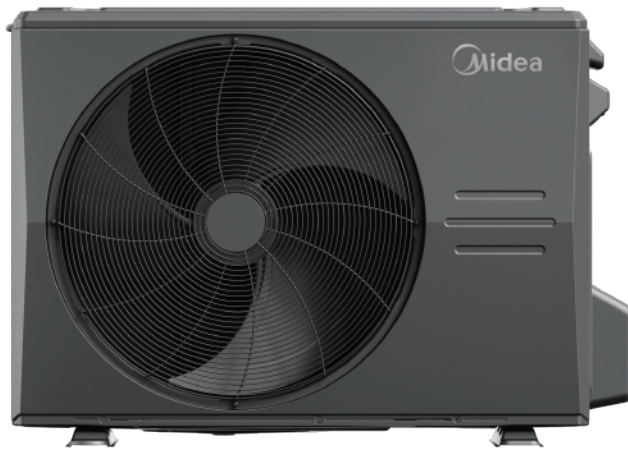
Equipped with an A2L refrigerant sensor that works in any orientation, allowing horizontal installations without repositioning the sensor.



Aluminum Coil

Our evaporator coil is made entirely of aluminum, providing excellent resistance to formicary corrosion – a common issue in high-humidity or chemical-rich environments. This design ensures a more stable and long-lasting operation, reducing the risk of refrigerant leaks over time.





Model	Indoor Market Model		MAAHE-H24B-BA-UC	MAAHE-H36B-BA-UC	MAAHE-H36B-CA-UC	MAAHE-H60B-CA-UC	MAAHE-H60B-DA-UC
	Outdoor Market Model		MO1HE-H18B-2A	MO1HE-H30B-2A	MO1HE-H30B-2A	MO1HE-H48B-2A	MO1HE-H48B-2A
Power Supply	IDU Power Supply(Volts; Hz; Phase)		24V,60Hz,1Ph				
	ODU Power Supply(Volts; Hz; Phase)		208/230,60Hz,1Ph				
System Performance	Cooling Capacity	Btu/h	18,000	29,000	29,000	45000	45,000
	SEER2	Btu/h/W	16.1	16	16	15.2	14.5
	EER2	Btu/h/W	11.7	11	11	10	9.8
	Cooling Capacity Range	Btu/h	5,600-22,800	13,900-36,000	13,900-36,000	16000-48000	15,100-47,000
	Heating Capacity	Btu/h	19,000	30,000	30,000	48,000	47,000
	HSPF2-4	Btu/h/W	9.5	9.6	9.6	8.8	8.4
	HSPF2-5	Btu/h/W	7.8	8.2	8.2	7.4	7.2
	COP	WW	3.3	3.39	3.39	3.12	3.2
	Heating Capacity Range	Btu/h	5,600-22,800	13,000-39,000	13,000-39,000	16,000-50,000	12,500-53,000
	Moisture removal	kg/h	2.05	3.7	3.7	6.5	6.7
	Outdoor Minimum Circuit Ampacity	A	16.0	29.5	29.5	38.0	38.0
	S1 S2 Communication Wiring		AWG 20/2	AWG 20-2	AWG 20-2	AWG 20-2	AWG 20-2
	Outdoor Outdoor air flow	CFM	1,766	3,002	3,002	3,037	3,037
	Outdoor noise level (Hi)	dB(A)	58	64	64	65	65
Refrigerant & Piping	N.A. Design pressure	PSI	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340
	Outdoor Refrigerant type		R454B	R454B	R454B	R454B	R454B
	Outdoor Refrigerant charge	oz	74	106	106	134	134
	Outdoor Additional charge	oz/ft	0.7	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	246
	Max. Height Difference	ft	82	82	82	98.4	98.4
	Indoor Operating Temp. Range(Cooling)	°F	60-90	60-90	60-90	60-90	60-90
	Outdoor Operating Temp. Range(Cooling)	°F	-22-122	-22-122	-22-122	-22-122	-22-122
Indoor Operating Temp. Range(Heating)	°F	32-86	32-86	32-86	32-86	32-86	
Outdoor Operating Temp. Range(Heating)	°F	-22-75	-22-75	-22-75	-22-75	-22-75	
Size & Weight	Indoor Unit Net/Gross weight	lb	17.9 / 34.6	27.3 / 45.4	27.7 / 48.2	56.7 / 77	37.2 / 59.9
	Indoor Unit Dimension WxDxH	inch	16-1/8 x 22-1/2 x 15-3/4	16-1/8 x 22-5/8 x 20-1/8	19-5/8 x 22-3/4 x 20-3/8	20 x 22-7/8 x 24-1/8	23-1/8 x 22-3/4 x 22-7/8
	Indoor Package Dimension WxDxH	inch	19-1/8 x 26-1/8 x 21-1/2	19-1/8 x 26-1/8 x 26-3/4	22-5/8 x 26-1/8 x 26-3/8	23-3/4 x 26-1/2 x 29-1/8	26-1/8 x 26-1/8 x 29-3/4
	Outdoor Unit Net/Gross weight	lb	101 / 109	164 / 175	164 / 175	201 / 232	201 / 232
	Outdoor Unit Dimension WxDxH	inch	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8	37-1/4 x 16-1/8 x 31-7/8	38-9/16 x 16-3/8 x 38-3/8	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	42-7/8 x 19-5/8 x 34-7/8	42-7/8 x 19-5/8 x 34-7/8	45-1/16 x 19-11/16 x 42-1/2	45-1/16 x 19-11/16 x 42-1/2
Outdoor Electrical Motor	Outdoor Outdoor Fan Motor Model		ZKFN-80-8-3	ZKFN-120-8-2	ZKFN-120-8-2	ZKFN-250-10-1	ZKFN-250-10-1
	Outdoor Outdoor Fan Motor Speed(Hi/Mid/Lo)	r/min	780/700/550	800/750/650	800/750/650	850/800/750/650	850/800/750/650
Compressor	Outdoor Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Outdoor Compressor Model		KTM240D46UKT2	MTH356UKRC8FQL	MTH356UKRC8FQL	MTH550UKPC8FU	MTH550UKPC8FU
	Outdoor Compressor Brand		GMCC	HIGHLY	HIGHLY	HIGHLY - R454B	HIGHLY -R454B
	Outdoor Compressor Capacity	W	7600	10350w	10350	16200	16200
	Outdoor Compressor Input Power	W	2045	3200	3200	5020	5020
	Outdoor Compressor Rated current	A	9.3	12.2	12.2	19	19
	Outdoor Refrigerant oil		VG74	HAF68D1A	HAF68D1A	HAF68D1C	HAF68D1C
	Outdoor Refrigerant oil charge	mL	620	1300	1300	1800	1800