

Midea EVOX Family of Inverter Heat Pumps

Easy Upgrade Solutions for Every Family



Not Your Ordinary

Heat Pump

Midea EVOX Family of Inverter Heat Pumps



Outdoor Inverter Condenser



1 A-Coil



2 Ceiling-Mounted Air Handler



3 Wall-Mounted Air Handler



4 Standard Air Handler

Indoor Unit

EVOX Heat Pump for Flexible Heating Combinations

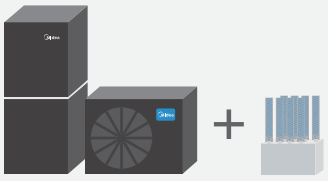


ELECTRIC

Cold Climate Heat Pump

Midea EVOX Heat Pump

100% heating output at -4°F

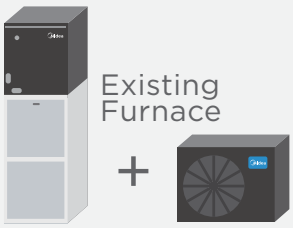


ELECTRIC

Combo Heat

Midea EVOX Heat Pump+Auxiliary Heat Kit

Activate the auxiliary heat strip to let the system rapidly reach the set temperature on extreme weather days



ELECTRIC+ GAS

Dual Fuel

Midea EVOX Heat Pump+A-coil

Pair the EVOX system with an existing furnace to let it determine the best source of heat (gas or electric) on cold days to guarantee peak efficiency and comfort of your HVAC system

Why Choose a Midea EVOX System?

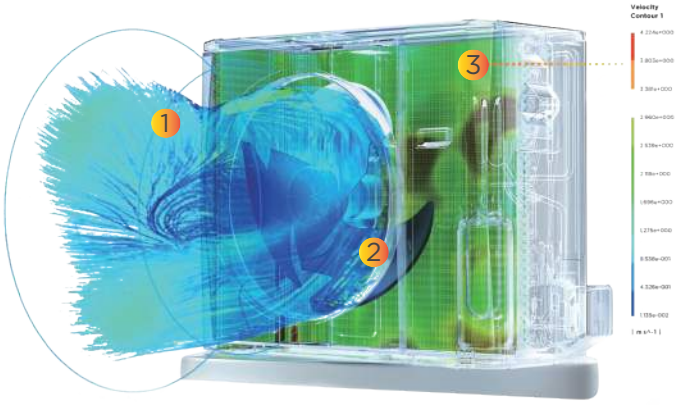
Designed for Cold Climate Conditions

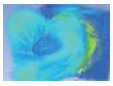
100% Heating Capacity at 5°F with COP up to 2.0

Continuous Operation as Cold as **-22°F**

NOT THE ORDINARY **EFFICIENCY**

EXheat Side Discharge Technology





1.Even Wind Field

Diffusing windshield to enlarge the air supply rate and reduce wind resistance



2.Side-placed Wind Wheel

Allows opitmal cross-ventiliation between the wind field and thermal field



3.Side-placed Wind Wheel and Vertical High Efficiency Heat Exchanger

The unit structure with side-placed wind wheel and vertical heat exchanger guarantee more uniform and efficient heat exchanging velocity across the entire heat exchanger surface. When temperature gets down, the system shows higher heat exchanging efficiency and provides stronger heating output..

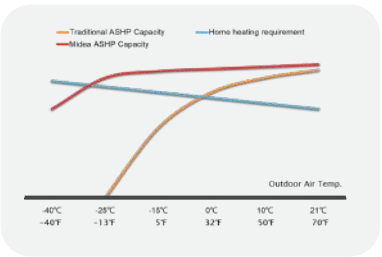
NOT THE ORDINARY **PERFORMANCE**

M-POWEVI

Enhanced Vapor Injection Compressor



Powerful Discharge Capacity



Enhanced Vapor Injection

ELIGIBLE FOR MANY **REBATE PROGRAMS**

United States Up to

$2,000

Meeting CEE's Highest Tier, eligible for up to 52.000 25C tax credits

Canada Up to

$5,000

Eligible for the Canada Greener Homes Grant Program with a reimbursement of up to $5,000 for retrofit

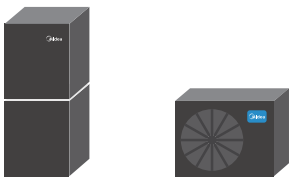
Why Choose a Midea EVOX System?

Save Money, Save Time

BI-COMM TECHNOLOGY ALLOWS FOR COST-EFFECTIVE REPLACEMENT

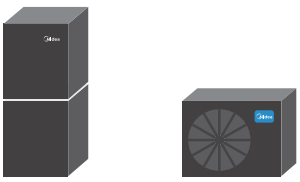


485 Communication Mode



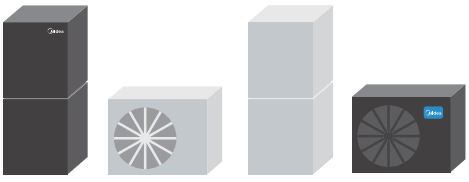
EVOX Heat pump
EVOX Air Handler
Midea Wired Controller

OR



EVOX Heat Pump
EVOX Air Handler
Third-Party 24V Thermostat

24V Self-Adapt Mode



EVOX/Third-Party Heat Pump
EVOX/Third-Party Air Handler
Third-Party 24V Thermostat

Premium Upgrade (485)

Future Upgrade

Over-the-air update technology (OTA) for future comfort enhancements

Wireless BACnet Capability

Integrates with new or existing Building Management Systems

Flexible mix & match (24v)

Flexibly mix & match with most third-party indoor units, outdoor units, and thermostats, even without changing wiring or refrigerant lines

Why Choose a Midea EVOX System?

Save Money, Save Time

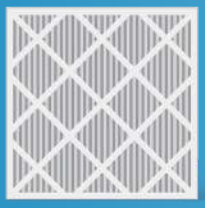
CONSTANT AIRFLOW TECHNOLOGY 2.0 ALLOWS FOR LESS INSTALLATION & SETUP TIME





Different Ductwork Designs, Same Air Volume

Normal Filter



Total Static Pressure 0.4" Total Air Flow Volume 1200CFM

MERV 13



Total Static Pressure 0.8" Total Air Flow Volume 1200CFM

Diverse Filtration Needs, Same Air Volume

ALLOWS CUSTOMIZED AIR VOLUME FOR THE WHOLE HOME

A



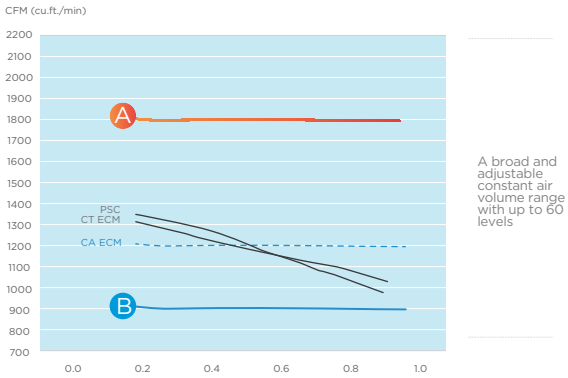
Case 1:
A house in a southern hot region like las Vegas needs faster cooling

B

Case 2:
A limited space needs smaller airflow

Case 3:
Some homeowners prefer a quieter environment

CFM vs Total ESP



A broad and adjustable constant air volume range with up to 60 levels

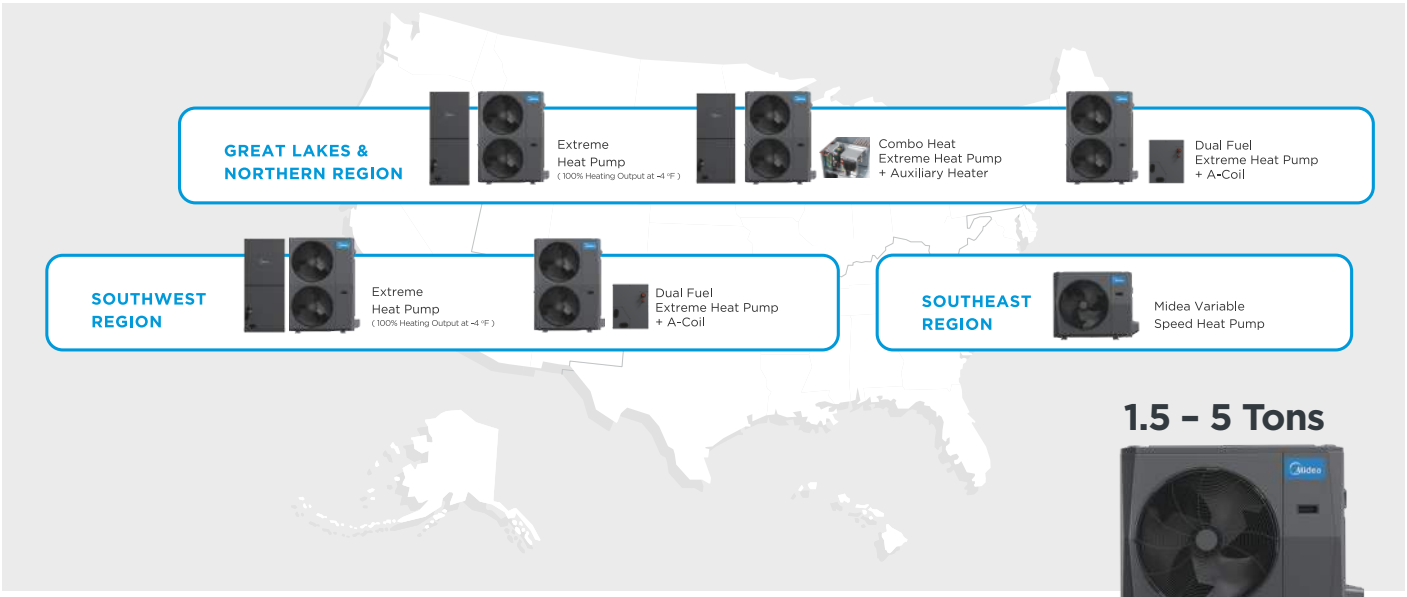
Total ESP (External Static Pressure)

Engineer Mode



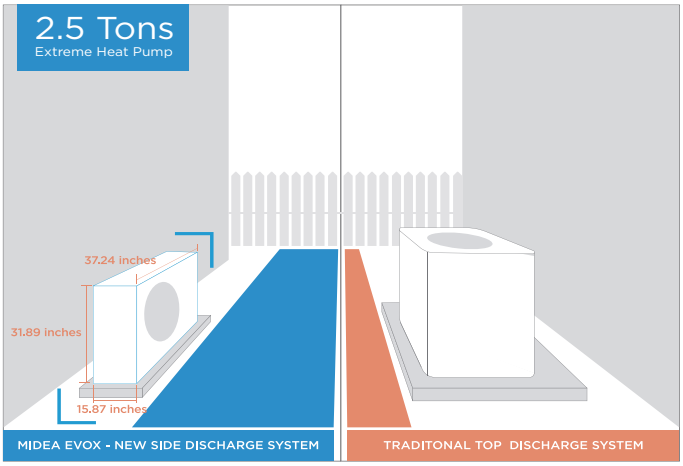
EVOX Family Outdoor Inverter Condenser

IDEAL FOR DIFFERENT CLIMATES



EASY TO FIT IN ANY SPACE

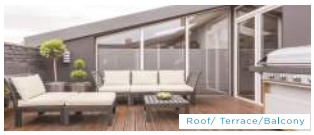
Thinner design and lighter weight provides unmatched flexibility to fit in any unique home space.



>> Fit more in your tech van or truck, with up to 4-5 EVOX units as opposed to 1-2 traditional units
>> Easy to bring to the installation site and install on pad; single fan unit can be transported by just a single worker









ADVANCED COMPONENTS



New Generation Integrated Electronic Control



Small Tube Diameter Heat Exchanger with High Density Teeth



Low-vortex high-efficiency Silent fan blade



Compressor with New Slot Design



What Makes EVOX Easy?



OTA Upgrade
Remote system upgrades for latest software updates

Icheck
Automatic diagnosis of the system issues

Demand Response
Public Electricity Loading Management

Enlarged Operation Space & Added Diagnostic Board for ODUs

Separate 24V & s1/s2 terminals

A2L Disperse System

Multi-Voltage

Slimmer Outdoor Units

EVOX Family



Perfect for North American Homes

Inverter Heat Pump & Standard Air Handler System

CORE FEATURES OF STANDARD AIR HANDLER

SEER2 Up to	EER2 Up to	HSPF4 Up to
19	12.5	10.2



1.5-5 Tons

- **A 1.5-2 tons:** 21”×17-1/2”×45”
- **B 2.5-3 tons:** 21”×21”×49”
- **C 4-5 tons:** 21”×24-1/2”×53”

FITS DIFFERENT INSTALLATION SPACES

4-Way Installation (Left/Right/Up/Down)





ADVANCED COMPONENTS



1. Compatible with 485 or 24V: automatically identifying the control mode, no need for manual conversion.
2. Constant CFM ECM motor provides consistent airflow up to 0.8 in. w.c.
3. Electronic expansion valve (EEV) control: better throttling for highly efficient operation.
4. Optional auxiliary heat kits available up to 25kW.
5. All-Aluminum Coil.
6. Quiet Operation – down to 35 dB(A) level.

EASY TO SERVICE



Streamlined Trouble-shooting

Easily accessible error code display

Easy Access

Remove two screws for access to the electrical board, blower, heater





Slide-Out Fan

Easily remove the fan motor for straightforward maintenance

Magnetic Filter Cover

One click for filter access



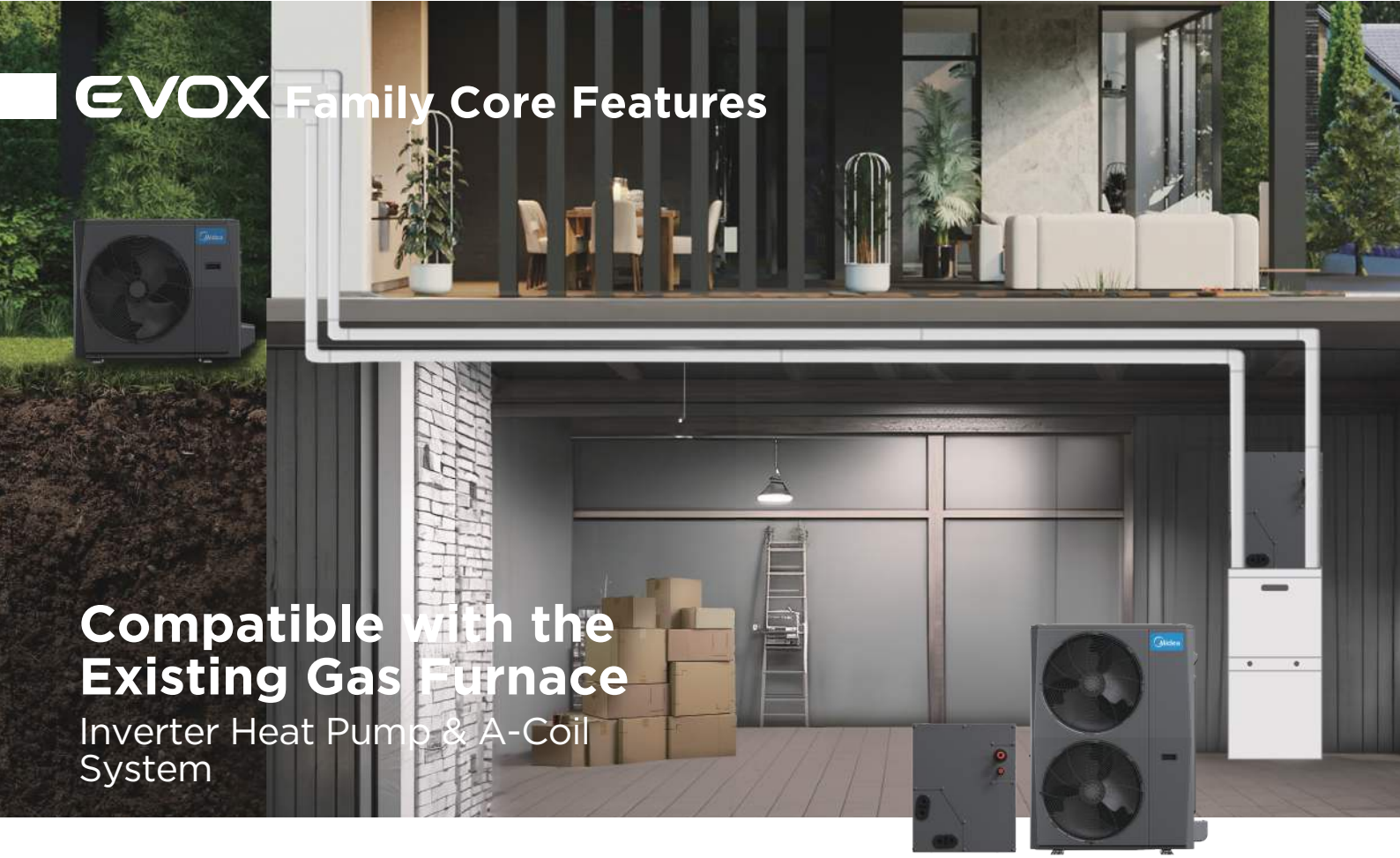
EVOX Air Handler Extreme Heat_Specification
Up to 19 SEER2

Model	Indoor Unit		MAUHE-H18B-2A	MAUHE-H24B-2A	MAUHE-H30B-2A	MAUHE-H36B-2A	MAUHE-H48B-2A	MAUHE-H60B-2A
	Outdoor Unit		MO1HE-H18B-2A	MO1HE-H24B-2A	MO1HE-H30B-2A	MO1SE-H36B-2A	MO1HE-H48B-2A	MO1HE-H60B-2A
Performance								
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	18,000	23,000	30,000	36,000	48,000	54,000
	Heating Capacity	Btu/h	19,000	24,000	34,000	37,000	50,000	56,000
	SEER2	Btu/W	19	18.3	16.8	17.4	16.5	16
	EER2	Btu/W	12.5	11.7	11.7	11.7	10.5	10
	HSPF4	Btu/W	9.7	10	10	10.2	9.5	9
Heating at 5°F (-15°C)	Rated capacity	Btu/h	18,000	21,600	32,600	39,000	46,000	52,000
	COP	W/W	2	1.87	1.96	1.9	1.9	1.8
Indoor unit								
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	618/577/530/489/489	824/759/695/630/630	989/895/806/712/712	1189/1083/971/865/865	1601/1472/1283/1095/1095	1807/1583/1360/1136/1136
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	41/41/39/33/33	44/44/42/28/28	47/46/43/27/27	49/48/46/26/26	52/52/50/34/34	55/52/50/35/35
Net Dimension	WxDxH	mm	534×445×1143	534×445×1143	534×534×1245	534×534×1245	534×622×1346	534×622×1346
	WxDxH	inch	21×17-1/2×45	21×17-1/2×45	21×21×49	21×21×49	21×24-1/2×53	21×24-1/2×53
Packing Dimension	WxDxH	mm	675×530×1235	675×530×1235	675×620×1335	675×620×1335	710×680×1435	710×680×1435
	WxDxH	inch	26-5/8×20-7/8×48-5/8	26-5/8×20-7/8×48-5/8	26-5/8×24-3/8×52-1/2	26-5/8×24-3/8×52-1/2	28×26-3/4×56-1/2	28×26-3/4×56-1/2
Net/Gross Weight		kg	48/58.7	47.9/57.8	58.6/70.6	58.6/70.6	58.6/70.6	59.2/70.9
		lbs	106/129	106/127	129/156	129/156	129/156	131/156

EVOX Air Handler Regular Heat_Specification
Up to 18.8 SEER2

	Indoor Unit		MAUHE-H18B-2A	MAUHE-H24B-2A	MAUHE-H30B-2A	MAUHE-H36B-2A	MAUHE-H48B-2A	MAUHE-H60B-2A
	Outdoor Unit		MO1BE-H18B-2A	MO1BE-H24B-2A	MO1BE-H30B-2A	MO1BE-H36B-2A	MO1BE-H48B-2A	MO1BE-H60B-2A
Performance								
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	18,000	24,000	30,000	36,000	48,000	54,000
	Heating Capacity	Btu/h	18,000	26,000	31,000	36,000	48,000	54,000
	SEER2	Btu/W	18.8	18.1	17.0	16.1	16.0	15.2
	EER2	Btu/W	11.0	11.0	10.7	10.0	10.0	8.6
	HSPF4	Btu/W	9	10	9	9	9	8
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11,200	21,600	19,100	27,000	38,000	38,000
	COP	W/W	2.0	1.9	2.0	2.0	1.9	1.8
Indoor unit								
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	618/577/530/489/489	824/759/695/630/630	989/895/806/712/712	1189/1083/971/865/865	1601/1472/1283/1095/1095	1807/1583/1360/1136/1136
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	44/43/41/33/33	44/44/42/28/28	46/46/42/29/29	48/48/45/28/28	53/53/50/44/44	56/52/49/35/35
Net Dimension	WxDxH	mm	534×445×1143	534×445×1143	534×534×1245	534×534×1245	534×622×1346	534×622×1346
	WxDxH	inch	21×17-1/2×45	21×17-1/2×45	21×21×49	21×21×49	21×24-1/2 × 53	21×24-1/2 × 53
Packing Dimension	WxDxH	mm	675×530×1235	675×530×1235	675×620×1335	675×620×1335	710×680×1435	710×680×1435
	WxDxH	inch	26-5/8×20-7/8×48-5/8	26-5/8×20-7/8×48-5/8	26-5/8×24-3/8×52-1/2	26-5/8×24-3/8×52-1/2	28×26-3/4×56-1/2	28×26-3/4×56-1/2
Net/Gross Weight		kg	48/57.5	47.9/57.8	58.5/69.6	58.7/69.8	73.9/86.6	73.9/86.6
		lbs	106/127	106/127	129/153	129/154	163/191	163/191

EVOX Family Core Features



Compatible with the Existing Gas Furnace

Inverter Heat Pump & A-Coil System

UPGRADE YOUR HEATING AND COOLING FOR PEAK EFFICIENCY & COMFORT

During Winter: Dual-Fuel Capability





Cold

Experience comfort and efficiency of heat pump.





Freezing

When the temperature drops below -22°F, use the gas furnace as an available backup.

During Summer: Efficient Cooling





Hot

Experience ultimate comfort with highly efficient and powerful cooling capabilities.

CORE FEATURES OF A-COIL



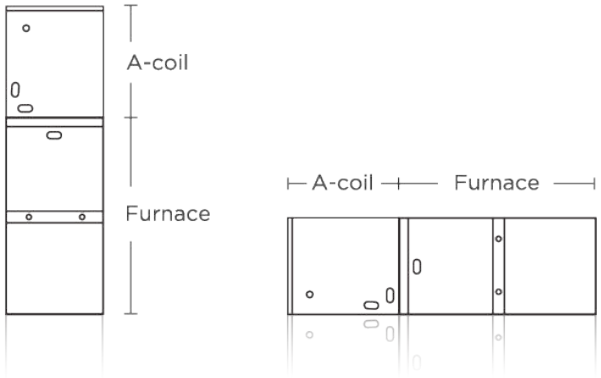
SEER2 Up to
16.5

EER2 Up to
11.7

1.5-5 Tons
The Most Comprehensive Size Options

- A 1.5-2 tons : 14-1/2”×21”×18”
  2.5-3 tons: 14-1/2”×21”×23-1/2”
- B 1.5-2 tons : 17-1/2”×21”×18”
  2.5-3 tons: 17-1/2”×21”×23-1/2”
- C 2.5-3tons: 21”×21”×23-1/2”
  4-5 tons: 21”×21”×27-1/2”
- D 4-5 tons: 24-1/2”×21”×28”

VERSATILE APPLICATIONS



The **Flexible**
Multipoise Design





Uncased
& Cased

A-COIL Extreme Heat_Specification

Model	Indoor Unit		MAAHE-H24B-AA	MAAHE-H24B-BA	MAAHE-H24B-AA	MAAHE-H24B-BA	MAAHE-H36B-AA	MAAHE-H36B-BA	MAAHE-H36B-CA
	Outdoor Unit		MO1HE-H18B-2A	MO1HE-H18B-2A	MO1HE-H24B-2A	MO1HE-H24B-2A	MO1HE-H30B-2A	MO1HE-H30B-2A	MO1HE-H30B-2A
Performance									
Power Supply		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	18,000	18,000	24,000	24,000	30,000	30,000	30,000
	Heating Capacity	Btu/h	19,000	19,000	25,000	25,000	30,000	30,000	30,000
	SEER2	Btu/W	16.0	16.0	16.5	16.5	14.3	15.2	15.2
	EER2	Btu/W	11.7	11.7	10	10	8.5	10	10
	HSPF4	Btu/W	8.5	8.5	8.5	8.5	7.5	8.5	8.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	15,000	20,000	20,000	20,000	25,000	27,000	27,000
	COP	W/W	1.8	1.8	1.8	1.8	1.75	1.8	1.8
Indoor unit									
Net Dimension	WxDxH	mm	368×534×457	445×534×457	368×534×457	445×534×457	368×534×599	445×534×599	534×534×609
	WxDxH	inch	14-1/2×21×18	17-1/2×21×18	14-1/2×21×18	17-1/2×21×18	14-1/2×21×23-1/2	17-1/2×21×23-1/2	21×21×23-1/2
Packing Dimension	WxDxH	mm	450×665×525	520×665×515	450×665×525	520×665×515	450×665×660	520×665×645	610×665×670
	WxDxH	inch	17-3/4×26-1/8 ×20-5/8	17-5/8×26-1/8 ×20-1/4	17-3/4×26-1/8 ×20-5/8	17-5/8×26-1/8 ×20-1/4	17-3/4×26-1/8 ×26-1/8	17-5/8×26-1/8 ×25-3/8	20×26-1/8 ×26-3/8
Net/Gross Weight		kg	19.4/23.6	18.9/21.1	18.9/21.1	19.4/23.6	30.2/35	27.3/31.3	27.3/31.3
		lbs	43/52	42/47	42/47	43/52	67/77	60/69	60/69

Model	Indoor Unit		MAAHE-H36B-AA	MAAHE-H36B-BA	MAAHE-H36B-CA	MAAHE-H60B-CA	MAAHE-H60B-DA	MAAHE-H60B-CA	MAAHE-H60B-DA
	Outdoor Unit		MO1SE-H36B-2A	MO1SE-H36B-2A	MO1SE-H36B-2A	MO1HE-H48B-2A	MO1HE-H48B-2A	MO1HE-H60B-2A	MO1HE-H60B-2A
Performance									
Power Supply		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	32,000	36,000	36,000	45,000	45,000	52,000	54,000
	Heating Capacity	Btu/h	33,000	38,000	38,000	48,000	48,000	55,000	54,000
	SEER2	Btu/W	14.3	15.2	15.2	15.2	14.3	15.2	14.3
	EER2	Btu/W	8.5	10	10	10	8.6	10	8.6
	HSPF4	Btu/W	7.5	8.5	8.5	8.5	7.5	8.5	7.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	27,000	36,000	36,000	42,000	42,000	45,000	42,000
	COP	W/W	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Indoor unit									
Net Dimension	WxDxH	mm	368×534×599	445×534×599	534×534×609	533×534×709	622×534×711	533×534×709	622×534×711
	WxDxH	inch	14-1/2×21×23-1/2	17-1/2×21×23-1/2	21×21×23-1/2	21×21×27-1/2	24-1/2×21×28	21×21×27-1/2	24-1/2×21×28
Packing Dimension	WxDxH	mm	450×665×660	520×665×645	610×665×670	610×665×775	705×665×770	610×665×775	705×665×770
	WxDxH	inch	17-3/4×26-1/8 ×26-1/8	17-5/8×26-1/8 ×25-3/8	20×26-1/8 ×26-3/8	24×26×30-1/2	27-3/4×26-1/8 ×30-1/4	24×26×30-1/2	27-3/4×26-1/8 ×30-1/4
Net/Gross Weight		kg	30.2/35	27.3/31.3	27.3/31.3	30.2/35	39.3/44.6	30.2/35	39.3/44.6
		lbs	67/77	60/69	60/69	67/77	87/98	67/77	87/98

A-COIL Regular Heat_Specification

Model	Indoor Unit		MAAHE-H24B-AA	MAAHE-H24B-BA	MAAHE-H24B-AA	MAAHE-H24B-BA	MAAHE-H36B-AA	MAAHE-H36B-BA	MAAHE-H36B-CA
	Outdoor Unit		MO1BE-H18B-2A	MO1BE-H18B-2A	MO1BE-H24B-2A	MO1BE-H24B-2A	MO1BE-H30B-2A	MO1BE-H30B-2A	MO1BE-H30B-2A
Performance									
Power Supply		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	18,000	18,000	24,000	24,000	28,000	30,000	30,000
	Heating Capacity	Btu/h	18,000	18,000	25,000	25,000	28,000	30,000	30,000
	SEER2	Btu/W	16	16	16	16	14.3	14.3	14.3
	EER2	Btu/W	10	10	10	10	8.5	8.5	8.5
	HSPF4	Btu/W	8.5	8.5	8.5	8.5	7.5	7.5	7.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11,000	11,000	20,000	20,000	15,000	17,000	17,000
	COP	W/W	1.8	1.8	1.8	1.8	1.7	1.8	1.8
Indoor unit									
Net Dimension	WxDxH	mm	368×534×457	445×534×457	368×534×457	445×534×457	368×534×599	445×534×599	534×534×609
	WxDxH	inch	14-1/2×21×18	17-1/2×21×18	14-1/2×21×18	17-1/2×21×18	14-1/2×21×23-1/2	17-1/2×21×23-1/2	21×21×23-1/2
Packing Dimension	WxDxH	mm	450×665×525	520×665×515	450×665×525	520×665×515	450×665×660	520×665×645	610×665×670
	WxDxH	inch	17-3/4×26-1/8 ×20-5/8	17-5/8×26-1/8 ×20-1/4	17-3/4×26-1/8 ×20-5/8	17-5/8×26-1/8 ×20-1/4	17-3/4×26-1/8 ×26-1/8	17-5/8×26-1/8 ×25-3/8	20×26-1/8 ×26-3/8
Net/Gross Weight		kg	19.4/23.6	18.9/21.1	18.9/21.1	19.4/23.6	30.2/35	27.3/31.3	27.3/31.3
		lbs	43/52	42/47	42/47	43/52	67/77	60/69	60/69

Model	Indoor Unit		MAAHE-H36B-AA	MAAHE-H36B-BA	MAAHE-H36B-CA	MAAHE-H60B-CA	MAAHE-H60B-DA	MAAHE-H60B-CA	MAAHE-H60B-DA
	Outdoor Unit		MO1BE-H36B-2A	MO1BE-H36B-2A	MO1BE-H36B-2A	MO1BE-H48B-2A	MO1BE-H48B-2A	MO1BE-H60B-2A	MO1BE-H60B-2A
Performance									
Power Supply		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	32,000	35,000	35,000	45,000	45,000	50,000	49,000
	Heating Capacity	Btu/h	32,000	36,000	36,000	45,000	45,000	50,000	49,000
	SEER2	Btu/W	14.3	14.3	14.3	14.5	14.3	14.3	14.3
	EER2	Btu/W	8.5	8	8	8	8	8.5	8.5
	HSPF4	Btu/W	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	22,000	25,000	25,000	32,000	30,000	34,000	34,000
	COP	W/W	1.65	1.75	1.75	1.75	1.75	1.75	1.75
Indoor unit									
Net Dimension	WxDxH	mm	368×534×599	445×534×599	534×534×609	533×534×709	622×534×711	533×534×709	622×534×711
	WxDxH	inch	14-1/2×21×23-1/2	17-1/2×21×23-1/2	21×21×23-1/2	21×21×27-1/2	24-1/2×21×28	21×21×27-1/2	24-1/2×21×28
Packing Dimension	WxDxH	mm	450×665×660	520×665×645	610×665×670	610×665×775	705×665×770	610×665×775	705×665×770
	WxDxH	inch	17-3/4×26-1/8 ×26-1/8	17-5/8×26-1/8 ×25-3/8	20×26-1/8 ×26-3/8	24×26×30-1/2	27-3/4×26-1/8 ×30-1/4	24×26×30-1/2	27-3/4×26-1/8 ×30-1/4
Net/Gross Weight		kg	30.2/35	27.3/31.3	27.3/31.3	30.2/35	39.3/44.6	30.2/35	39.3/44.6
		lbs	67/77	60/69	60/69	67/77	87/98	67/77	87/98

EVOX Family



Ideal for Multi-family Homes

Inverter heat Pump & Ceiling/Wall Mounted Air Handler System

CORE FEATURES OF WALL & CEILING MOUNTED AIR HANDLERS

SEER2 Up to	EER2 Up to	HSPF4 Up to
19.3	12.1	10.8



1.5-3 Tons

Ⓐ 1.5-2tons: 20-1/4”×15-3/4”×36-1/2” Ⓑ 2.5-3 tons: 22”×19”×40”

SEER2 Up to	EER2 Up to	HSPF4 Up to
18.0	12.0	10.0



1.5-3 Tons

Ⓐ 1.5 tons: 43-1/2”×23-3/8”×10-7/8” Ⓑ 2 tons: 49-1/8”×23-3/8”×10-7/8”

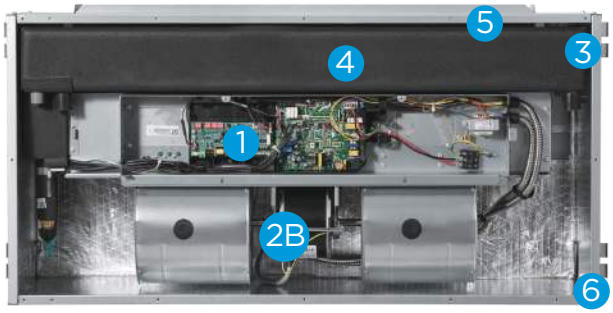
Ⓒ 2.5 tons: 55-1/4”×23-3/8”×10-7/8” Ⓓ 3 tons: 62-1/8”×23-3/8”×10-7/8”





ADVANCED COMPONENTS





1. Compatible with 485 or 24V: automatically identifying the control mode, no need for manual conversion.
2. A: Constant CFM ECM motor provides consistent airflow up to 0.8 in. w.c.
   B: Constant torque ECM motor provides sufficient airflow of up to 0.8 in. w.c.;
3. Electronic expansion valve (EEV) control: better throttling for more highly efficient operation.
4. Optional auxiliary heat kits available up to 10kw
5. All-Aluminum Coil
6. Quiet Operation – inverter system runs at significantly lower dB(A) level

EASY TO SERVICE

Wall-Mounted Air Handler



Easy-to-Access Design
Simply remove two screws for access to the error code display



Slide-Track Design
Easily remove the evaporate coil through the slide track from the front side



Easy-to-Maintain Design
Easily take out the electrical board & fan motor without the need to dissemble the evaporate



Slide-Out Design
A single action to insert or remove the filter



Full Front Access
No screws on the side

Ceiling-Mounted Air Handler



Conveniently access the electrical board from the bottom of the unit



Simply remove two screws to access the error code display



Easily remove the fan & motor as well as the electrical board & heater assembly



Additional lock holds PCB cover in place

Wall mounted AHU Extreme Heat_Specification
Up to 19.3 SEER2

Model	Indoor Unit		MAWHE-H18B-2A	MAWHE-H24B-2A	MAWHE-H30B-2A	MAWHE-H36B-2A
	Outdoor Unit		MO1HE-H18B-2A	MO1HE-H24B-2A	MO1HE-H30B-2A	MO1SE-H36B-2A
Performance						
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	18,000	22,000	30,000	36,000
	Heating Capacity	Btu/h	19,000	24,000	31,000	37,000
	SEER2	Btu/W	19.3	17.5	17.5	16.8
	EER2	Btu/W	12.1	11.7	11.7	11.2
	HSPF4	Btu/W	10.8	10.5	10.2	9.6
Heating at 5°F (-15°C)	Rated capacity	Btu/h	18,000	19,000	29,000	36,000
	COP	W/W	2.1	1.96	2.00	1.8
Indoor unit						
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	618/577/530/489/489	824/759/695/630/630	989/895/806/712/712	1189/1083/971/865/865
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	48/47/45/39/39	53/51/48/38/38	51/50/48/36/36	51/51/48/37 /37
Net Dimension	WxDxH	mm	515×399×928	515×399×928	559×483×1017	559×483×1017
	WxDxH	inch	20-1/4×15-3/4×36-1/2	20-1/4×15-3/4×36-1/2	22×19×40	22×19×40
Packing Dimension	WxDxH	mm	580×495×1090	580×495×1090	625×580×1193	625×580×1193
	WxDxH	inch	22-7/8×19-1/2×42-7/8	22-7/8×19-1/2×42-7/8	24-5/8×22-7/8×47	24-5/8×22-7/8×47
Net/Gross Weight		kg	40/49.5	40/49.5	49.4/60.3	49.4/60.3
		lbs	88/109	88/109	109/133	109/133

Wall mounted AHU Regular Heat_Specification
Up to 18 SEER2

Model	Indoor Unit		MAWHE-H18B-2A	MAWHE-H24B-2A	MAWHE-H30B-2A	MAWHE-H36B-2A
	Outdoor Unit		MO1BE-H18B-2A	MO1BE-H24B-2A	MO1BE-H30B-2A	MO1BE-H36B-2A
Performance						
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	18,000	24,000	30,000	36,000
	Heating Capacity	Btu/h	18,000	25,000	31,000	37,000
	SEER2	Btu/W	18.5	17.4	18.6	16.7
	EER2	Btu/W	11.5	10.8	11	10.2
	HSPF4	Btu/W	9.4	10.4	8.7	9.3
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11,400	19,400	18,700	29,200
	COP	W/W	2.1	1.96	1.99	1.99
Indoor unit						
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	618/577/530/489/489	824/759/695/630/630	989/895/806/712/712	1189/1083/971/865/865
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	48/47/45/39/39	53/51/48/38/38	51/50/48/36/36	51/51/48/37 /37
Net Dimension	WxDxH	mm	515×399×928	515×399×928	559×483×1017	559×483×1017
	WxDxH	inch	20-1/4×15-3/4×36-1/2	20-1/4×15-3/4×36-1/2	22×19×40	22×19×40
Packing Dimension	WxDxH	mm	580×495×1090	580×495×1090	625×580×1193	625×580×1193
	WxDxH	inch	22-7/8×19-1/2×42-7/8	22-7/8×19-1/2×42-7/8	24-5/8×22-7/8×47	24-5/8×22-7/8×47
Net/Gross Weight		kg	40/49.5	40/49.5	49.4/60.3	49.4/60.3
		lbs	88/109	88/109	109/133	109/133

Pancake Extreme Heat_Specification
Up to 19 SEER2

Model	Indoor Unit		MAPHE-H18B-2A	MAPHE-H24B-2A	MAPHE-H30B-2A	MAPHE-H36B-2A
	Outdoor Unit		MO1HE-H18B-2A	MO1HE-H24B-2A	MO1HE-H30B-2A	MO1SE-H36B-2A
Performance						
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	18,000	23,000	30,000	36,000
	Heating Capacity	Btu/h	18,000	20,600	32,600	36,000
	SEER2	Btu/W	16.8	18.0	16.8	16.8
	EER2	Btu/W	12.0	11.7	11.7	11.0
	HSPF4	Btu/W	9.7	8.5	10.0	9.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	18,000	24,000	34,000	37,000
	COP	W/W	1.80	1.80	1.96	1.90
Indoor unit						
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	600/564/529/488	823/758/694/629	988/894/805/541	1176/1000/794/617
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	54/50/46	55/52/46	58/56/47	60/56/53
Net Dimension	WxDxH	mm	1098×593×278	1248×593×278	1403×593×278	1578×593×278
	WxDxH	inch	43-1/2×23-3/8×10-7/8	49-1/8×23-3/8×10-7/8	55-1/4×23-3/8×10-7/8	62-1/8×23-3/8×10-7/8
Packing Dimension	WxDxH	mm	1200×680×345	1350×680×345	1505×680×345	1680×680×345
	WxDxH	inch	47-1/4×26-3/4×13-5/8	53-1/8×26-3/4×13-5/8	59-1/4×26-3/4×13-5/8	66-1/8×26-3/4×13-5/8
Net/Gross Weight		kg	51/56.6	55.6/61.9	61.6/68.2	65.7/71.1
		lbs	112/125	123/136	136/150	145/157

Pancake Regular Heat_Specification
Up to 16.5 SEER2

Model	Indoor Unit		MAPHE-H18B-2A	MAPHE-H24B-2A	MAPHE-H30B-2A	MAPHE-H36B-2A
	Outdoor Unit		MO1BE-H18B-2A	MO1BE-H24B-2A	MO1BE-H30B-2A	MO1BE-H36B-2A
Performance						
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	18,000	24,000	30,000	36,000
	Heating Capacity	Btu/h	18,000	24,000	30,000	36,000
	SEER2	Btu/W	16.5	18.0	16.4	15.8
	EER2	Btu/W	11.0	11.0	9.6	9.4
	HSPF4	Btu/W	8.6	8.5	7.8	8.1
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11,000	21,600	19,100	25,500
	COP	W/W	1.80	1.80	1.94	1.92
Indoor unit						
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	600/564/529/488	823/758/694/629	988/894/805/541	1176/1000/794/617
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	54/50/46	55/52/46	58/56/47	60/56/53
Net Dimension	WxDxH	mm	1098×593×278	1248×593×278	1403×593×278	1578×593×278
	WxDxH	inch	43-1/2×23-3/8×10-7/8	49-1/8×23-3/8×10-7/8	55-1/4×23-3/8×10-7/8	62-1/8×23-3/8×10-7/8
Packing Dimension	WxDxH	mm	1200×680×345	1350×680×345	1505×680×345	1680×680×345
	WxDxH	inch	47-1/4×26-3/4×13-5/8	53-1/8×26-3/4×13-5/8	59-1/4×26-3/4×13-5/8	66-1/8×26-3/4×13-5/8
Net/Gross Weight		kg	51/56.6	55.6/61.9	61.6/68.2	65.7/71.1
		lbs	112/125	123/136	136/150	145/157

Easy to Control Your EVOX Systems

Multiple control methods to maximize your convenience.

Wired Controller
Built-in WiFi



Remote Control



Mobile Phone



Voice





MIDEA SMARTHOME APP

Your Evolving System



Future upgrade

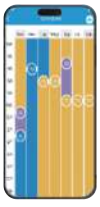
Over-the-air update technology (OTA) for future comfort enhancements



Check your Sytem's Health

It's like a doctor's appointment for your HVAC

Your Smart Home Comfort Manager



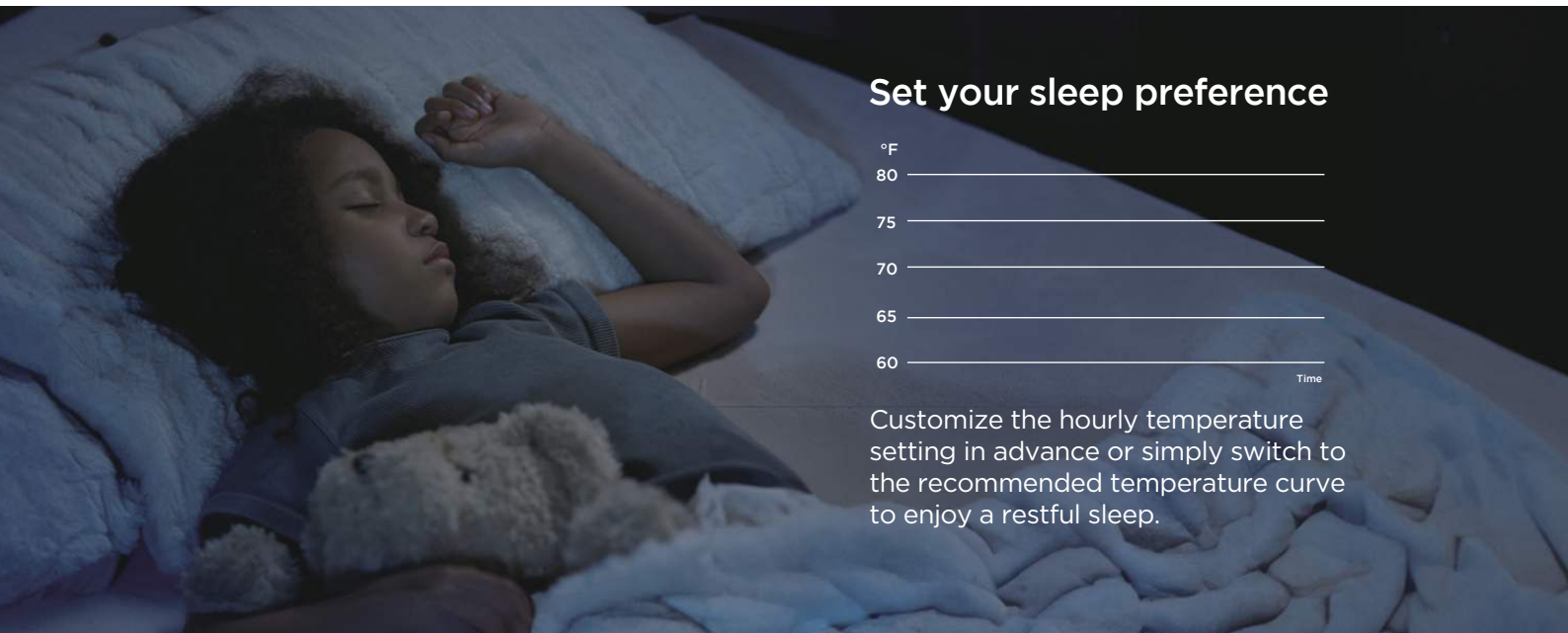
Set your schedule

Customize the schedule of your unit before start your week



Set your location

Automatically adjust comfort levels based on your proximity.



Set your sleep preference

Customize the hourly temperature setting in advance or simply switch to the recommended temperature curve to enjoy a restful sleep.

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