



Midea EVOX Family of Inverter Heat Pumps

Easy Upgrade Solutions
for Every Family

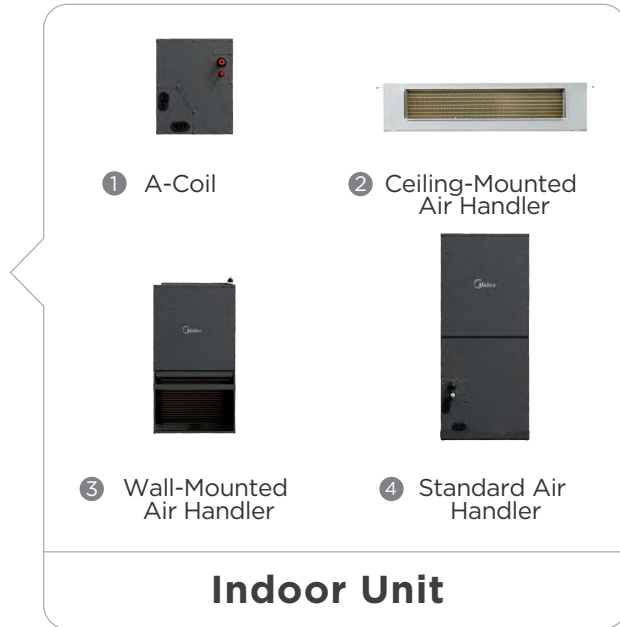


Not Your Ordinary Heat Pump

Midea EVOX Family of Inverter Heat Pumps

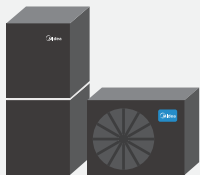


**Outdoor Inverter
Condenser**



Indoor Unit

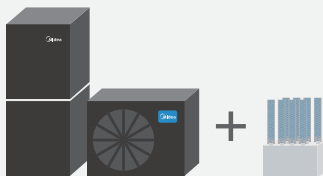
EVOX Heat Pump for Flexible Heating Combinations



ELECTRIC

Cold Climate Heat Pump

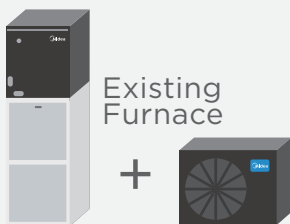
Midea EVOX Heat Pump
100% heating output at -4°F



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?

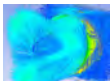
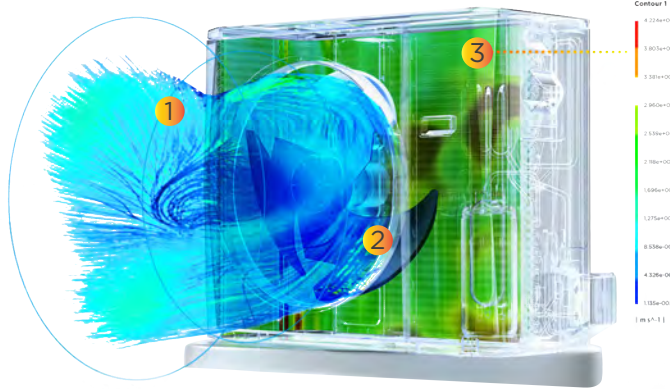
Designed for Cold Climate Conditions

100% Heating Capacity at -4°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 optimal cross-ventilation 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..

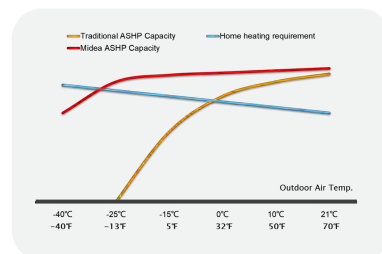
NOT THE ORDINARY PERFORMANCE

M-POWERVI

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

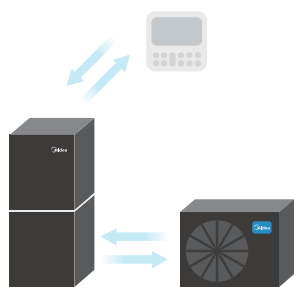
Why Choose a Midea EVOX System?

Save Money, Save Time

**BI-COMM TECHNOLOGY
ALLOWS FOR COST-EFFECTIVE REPLACEMENT**

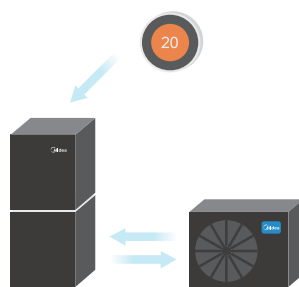


485 Communication Mode



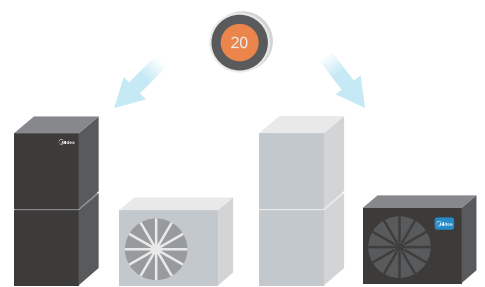
EVOX Heat pump
EVOX Air Handler
Midea Wired Controller

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
Total Static Pressure: 0.4" Total Air Flow Volume: 1200CFM

Diverse Filtration Needs, Same Air Volume

ALLOWS CUSTOMIZED AIR VOLUME FOR THE WHOLE HOME

A

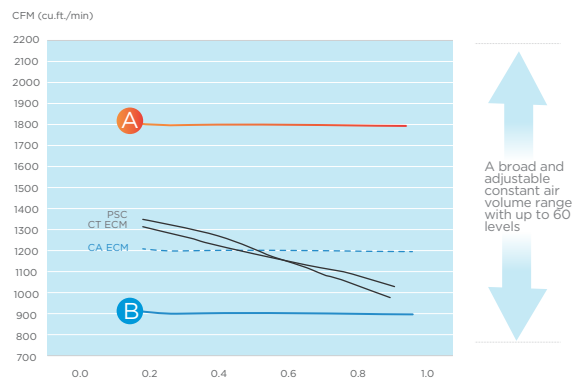
Case 1:
A house in a southern hot region like Las Vegas needs faster cooling

B

Case 2:
A limited space needs smaller airflow

Case 3:
Some homeowners prefer a quieter environment

CFM vs Total ESP



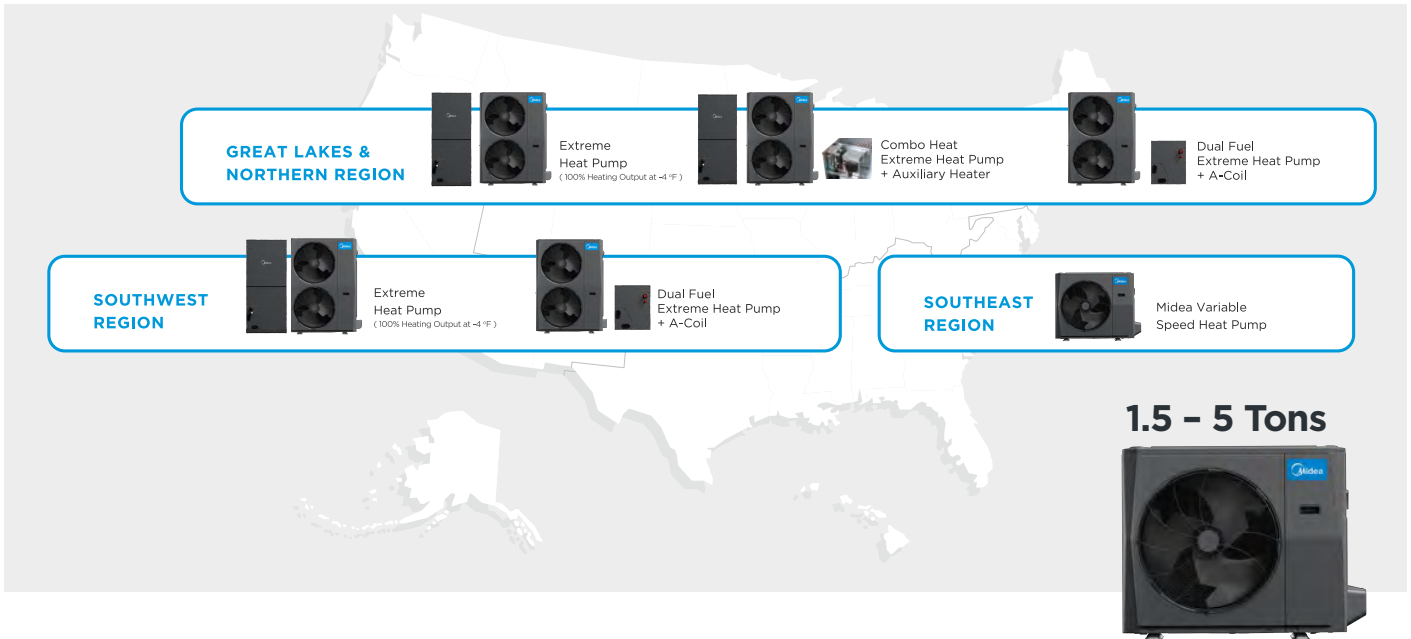
Total ESP (External Static Pressure)

Engineer Mode



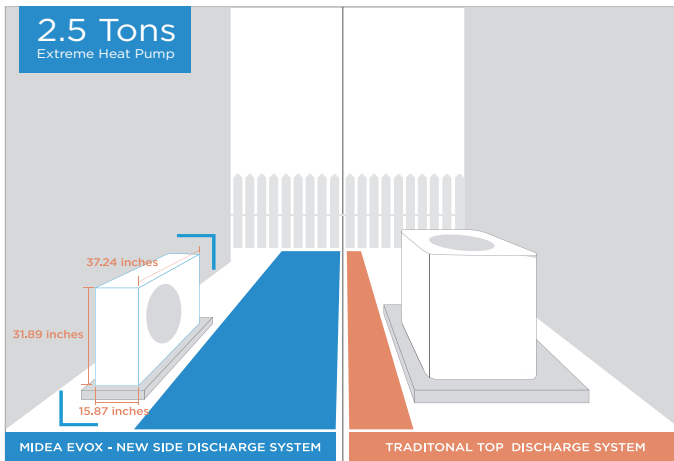
EVOX Family Outdoor Inverter Condenser

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



Perfect for North American Homes

Inverter Heat Pump & Standard Air Handler System



CORE FEATURES OF STANDARD AIR HANDLER

SEER2 Up to
18.0

EER2 Up to
12.4

HSPF2 Up to
10



1.5-5 Tons

A 1.5-2 tons:
17.5" 21.0" 45.0"

B 2.5-4 tons:
21.0" 21.0" 49.0"

C 5 tons:
24.5" 21.0" 58.0"

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 Troubleshooting

Easily accessible error code display

Easy Access

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

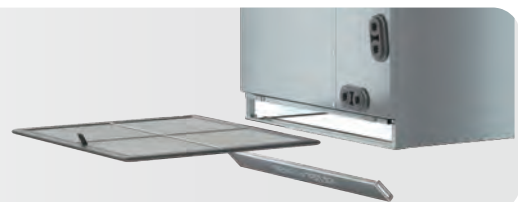


Slide-Out Fan

Easily remove the fan motor for straightforward maintenance

Magnetic Filter Cover

One click for filter access



EVOX Air Handler Extreme Heat Specification

Up to 18 SEER2

Model	Indoor Unit		MVC-18HWFNI-M	MVC-24HWFNI-M	MVC-30HWFNI-M	MVC-36HWFNI-M	MVC-36HWFNI-M	MVC-48HWFNI-M	MVC-60HWFNI-M
	Outdoor Unit		MOX-430U-18HFNI-M	MOD30-24HFNI-MW	MOD30U-30HFNI-MRO(X)	MOE31U-36HFNI-M	MOX-630-36HFNI-M3X	MOE30U-48HFNI-M-[X1]	MOE30U-60HFNI-MRO
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 /Heating Capacity	Btu/h	18000/19000	24000/24000	30000/33000	36000/40000	35000/39000	47000/50000	55000/59000
	SEER2	Btu/W	18.0	17.4	16.2	16.0	16.0	15.60	15.3
	EER2	Btu/W	12.4	11.7	10.0	10.0	11.7	8.20	8.8
	HSPF4	Btu/W	9.3	10.0	8.9	9.5	9.4	9.40	9.4
Heating at 5°F (-15°C)	Rated capacity	Btu/h	16500	22600	24000	34400	38000	46000	48500
	COP	W/W	2.04	1.91	1.8	1.97	1.8	1.9	1.91
Indoor unit									
Air Flow Volume	H/M/L	CFM	576/529/488	758/694/629	894/805/711	1082/970/864	1082/970/864	1282/1094/905	1582/1358/1135
Noise Level	H/M/L	dB(A)	36/34/32	43/40.5/35	43/40/30.5	46.8/44/41.3	46.8/44/41.3	53/50/46	52.5/49/44
Net Dimension	WxDxH	mm	534x445x1143	534x445x1143	534x534x1245	534x534x1245	534x534x1245	534x534x1245	534x622x1346
	WxDxH	inch	21.02x17.52x45.00	21.02x17.52x45.00	21.02x21.02x49.02	21.02x21.02x49.02	21.02x21.02x49.02	21.02x21.02x49.02	21.02x24.49x52.99
Packing Dimension	WxDxH	mm	640x530x1280	640x530x1280	640x620x1380	640x620x1380	640x620x1380	640x620x1380	640x705x1480
	WxDxH	inch	25.20x20.87x50.39	25.20x20.87x50.39	25.20x24.41x54.33	25.20x24.41x54.33	25.20x24.41x54.33	25.20x24.41x54.33	25.20x27.76x58.27
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	73.8/86.5
		lbs	105.82/129.41	105.60/127.43	129.19/155.64	129.19/155.64	129.19/155.64	130.51/156.31	162.70/190.70
Stuffing Quantity									
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	39/82/154	39/82/154	27/57/57	27/57/57	27/57/57	27/57/57	27/54/54

EVOX Air Handler Regular Heat Specification

Up to 17.3 SEER2

Model	Indoor Unit		MVC-18HWFNI-M	MVC-24HWFNI-M	MVC-30HWFNI-M	MVC-36HWFNI-M	MVC-48HWFNI-M	MVC-60HWFNI-M
	Outdoor Unit		MOX-330U-18HFNI-MRO	MOX-430U-24HFNI-MRO	MOD30U-30HFNI-MRO	MOD30U-36HFNI-MRO	MOE30U-48HFNI-MRO	MOE30U-60HFNI-MRO
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
"SEER2 (AHRI 210/240 - 2023)"	Cooling /Heating Capacity	Btu/h	18000/18000	24000/26000	30000/31000	36000/36000	47000/50000	57000/60000
	SEER2	Btu/W	17.0	17.0	17.3	16.9	15.8	15
	EER2	Btu/W	10.9	10.5	11	10.1	8.8	8.8
	HSPF4	Btu/W	8.8	9.2	9	8.2	9.4	8.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11000	19400	17500	21000	36000	34600
	COP	W/W	2.0	2.1	1.7	1.9	2.0	1.9
Indoor unit								
Air Flow Volume	H/M/L	CFM	576/529/488	758/694/629	894/805/711	1082/970/864	1282/1094/905	1582/1358/1135
Noise Level	H/M/L	dB(A)	36/34/32	43/40.5/35	43/40/30.5	46.8/44/41.3	53/50/46	52.5/49/44
Net Dimension	WxDxH	mm	534x445x1143	534x445x1143	534x534x1245	534x534x1245	534x534x1245	534x622x1346
	WxDxH	inch	21.02x17.52x45.00	21.02x17.52x45.00	21.02x21.02x49.02	21.02x21.02x49.02	21.02x21.02x49.02	21.02x24.49x52.99
Packing Dimension	WxDxH	mm	640x530x1280	640x530x1280	640x620x1380	640x620x1380	640x620x1380	640x705x1480
	WxDxH	inch	25.20x20.87x50.39	25.20x20.87x50.39	25.20x24.41x54.33	25.20x24.41x54.33	25.20x24.41x54.33	25.20x27.76x58.27
Net/Gross Weight		kg	48/58.7	47.9/57.8	58.6/70.6	58.6/70.6	59.2/70.9	73.8/86.5
		lbs	105.82/129.41	105.60/127.43	129.19/155.64	129.19/155.64	130.51/156.31	162.70/190.70
Stuffing Quantity								
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	39/82/154	39/82/154	27/57/57	27/57/57	27/57/57	27/54/54

EVOX Family Core Features



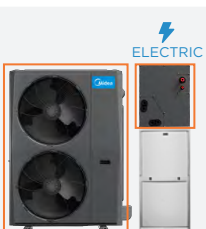

Compatible with the Existing Gas Furnace

Inverter Heat Pump & A-Coil System





UPGRADE YOUR HEATING AND COOLING FOR PEAK EFFICIENCY & COMFORT

During Winter: Dual-Fuel Capability



Cold

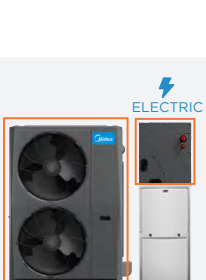

Experience comfort and efficiency of heat pump.



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
17.0

EER2 Up to
11.7

1.5-5 Tons

The Most Comprehensive Size Options

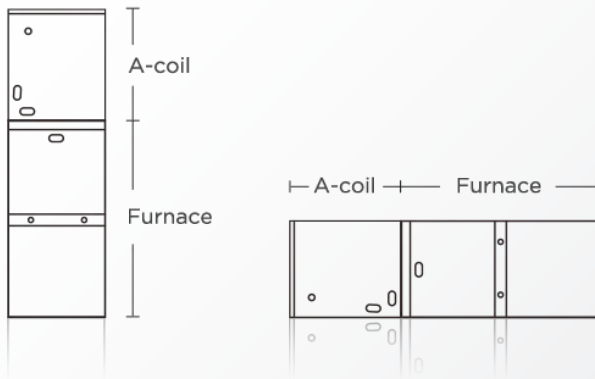
A 1.5-2 tons: 14.5" 21.0" 18.0"

C 2.5-4 tons: 21.0" x 21.0" x 24.0"

B 1.5-2 tons: 17.5" 21.0" 18.0"
2.5-3 tons: 17.5" 21.0" 23.5"

D 5 tons: 24.5" 21.0" 28.0"

VERSATILE APPLICATIONS



The **Flexible**
Multipoise Design



Uncased
& Cased

A-COIL Extreme Heat Specification

Model	A-Coil Size		18K Hyper Heat (17.5"x21"x18")	20K Hyper Heat (14.5"x21"x18")	24K Hyper Heat (14.5"x21"x18")	24K Hyper Heat (17.5"x21"x18")	30K Hyper Heat (21"x21"x24")	36K Hyper Heat (17.5"x21"x24")
	Indoor Unit		MAC-24HWDN1-MNO	MVBM-24A18T3N1	MVBM-24A18T3N1	MAC-24HWDN1-MNO	MAC-36HWDN1-MNO	MVB-36B23T4N1
	Outdoor Unit		MOX430U-18HFN1-M	MOD30-20HFN1-MW	MOD30-24HFN1-MW	MOD30-24HFN1-MW	MOD30U-30HFN1-MR0(X)	MOE31U-36HFN1-M
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
"SEER2 (AHRI 210/240 - 2023)"	Cooling /Heating Capacity	Btu/h	18000/19000	20000/25000	24000/25000	24000/25000	30000/33000	35000/39000
	SEER2	Btu/W	16.1	16.3	16.1	16.5	15.5	15.2
	EER2	Btu/W	11.7	11.7	10.7	10.7	10.5	10
	HSPF4	Btu/W	9.5	10.2	9.8	9.5	9.7	10
Heating at 5°F (-15°C)	Rated capacity	Btu/h	15000	20000	20000	20000	27000	32000
	COP	W/W	2.2	2	2	1.95	1.85	2
Indoor unit								
Net Dimension	WxDxH	mm	445x533x457	368x534x457	368x534x457	445x533x457	533x533x609	445x533x599
	WxDxH	inch	17.52x20.98x17.99	14.49x21.02x17.99	14.49x21.02x17.99	17.52x20.98x17.99	20.98x20.98x23.98	17.52x20.98x23.58
Packing Dimension	WxDxH	mm	520x665x515	447x662x522	447x662x522	520x665x515	610x665x670	520x665x645
	WxDxH	inch	20.47x26.18x20.28	17.60x26.06x20.55	17.60x26.06x20.55	20.47x26.18x20.28	24.02x26.18x26.38	20.47x26.18x25.39
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
		lbs	42.77/52.03	41.67/46.52	41.67/46.52	42.77/52.03	66.58/77.16	60.19/69.00
Stuffing Quantity								
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	148/308/385	172/360/450	172/360/450	148/308/385	81/171/228	81/171/228

Model	36K Hyper Heat (21"x21"x24")	36K Hyper Heat (17.5"x21"x24")	36K Hyper Heat (17.5"x21"x24")	36K Hyper Heat (21"x21"x24")	48K Hyper Heat (21"x21"x24")	45K Hyper Heat (24.5"x21"x28")	53K Hyper Heat (24.5"x21"x28")
	MAC-36HWDN1-MNO	MVB-36B23T4N1	MVB-36B23T4N1	MAC-36HWDN1-MNO	MAC-48HWDN1-MNO	MAC-60HWDN1-MNO	MAC-60HWDN1-MNO
	MOE31U-36HFN1-M	MOX-630-36HFN1-M3X	MOX-630-36HFN1-M3X	MOX-630-36HFN1-M3X	MOE30U-48HFN1-M-[X1]	MOE30U-45HFN1-M	MOE30U-55HFN1-M
Performance							
Power Supply	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)"	35000/36000	35000/36000	35000/36000	35000/36000	46000/51000	45000/55000	53000/55000
	15.2	15.2	15.2	15.2	14.3	15.2	14.5
	10	10	10	10	8.6	10	8.6
	8.5	8.5	8.5	8.5	9	9.2	8.6
Heating at 5°F (-15°C)	30000	30000	30000	30000	40000	46500	46500
	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Indoor unit							
Net Dimension	445x533x599	445x533x599	445x533x599	533x533x609	533x533x609	622x533x711	622x533x711
	17.52x20.98x23.58	17.52x20.98x23.58	17.52x20.98x23.58	20.98x20.98x23.98	20.98x20.98x23.98	24.49x20.98x27.99	24.49x20.98x27.99
Packing Dimension	520x665x645	520x665x645	520x665x645	610x665x670	610x665x670	705x665x770	705x665x770
	20.47x26.18x25.39	20.47x26.18x25.39	20.47x26.18x25.39	24.02x26.18x26.38	24.02x26.18x26.38	27.76x26.18x30.31	27.76x26.18x30.31
Net/Gross Weight	27.3/31.3	27.3/31.3	27.3/31.3	30.2/35	30.2/35	39.3/44.6	39.3/44.6
	60.19/69.00	60.19/69.00	60.19/69.00	66.58/77.16	66.58/77.16	86.64/98.33	86.64/98.33
Stuffing Quantity							
Stuffing Quantity	120/252/336	120/252/336	120/252/336	81/171/228	81/171/228	72/162/162	72/162/162

A-COIL Regular Heat Specification

Model	A-Coil Size		18K Regular Heat(14.5"x21"x18")	18K Regular Heat(17.5"x21"x18")	24K Regular Heat(14.5"x21"x18")	24K Regular Heat(17.5"x21"x18")	30K Regular Heat(21"x21"x24")	36K Regular Heat(17.5"x21"x24")	36K Regular Heat(21"x21"x24")	48K Regular Heat(21"x21"x24")	60K Regular Heat(24.5"x21"x28")
	Indoor Unit		MVBM-24A18T3NI	MAC-24HWDNI-MNO	MVBM-24A18T3NI	MAC-24HWDNI-MNO	MAC-36HWDNI-MNO	MVB-36B23T4NI	MAC-36HWDNI-MNO	MAC-48HWDNI-MNO	MAC-60HWDNI-MNO
	Outdoor Unit		MO330U-18HFNI-MRO	MOX-330U-18HFNI-MRO	MOX-430U-24HFNI-MRO	MOX-430U-24HFNI-MRO	MOD30U-30HFNI-MRO	MOD30U-36HFNI-MRO	MOD30U-36HFNI-MRO	MOE30U-48HFNI-MRO	MOE30U-60HFNI-MRO
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	208/230, 1, 60	208/230, 1, 60
"SEER2 (AHRI 210/240 - 2023)"	Cooling /Heating Capacity	Btu/h	18000/18000	18000/18500	24000/26000	24000/25600	30000/31000	35000/36000	36000/35000	48000/51000	53000/54000
	SEER2	Btu/W	15.2	15.2	15.4	15.7	14.9	14.6	14.4	14.3	15.2
	EER2	Btu/W	10.2	10.2	10	10	10.2	9.7	9.3	8.6	9
	HSPF4	Btu/W	8.5	8.6	9.2	9.8	9.3	7.7	8	8.3	8.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11200	10400	16000	18500	19000	20200	20800	28000	32000
	COP	W/W	2	1.94	2	2.2	1.81	1.91	1.9	1.8	1.9
Indoor unit											
Net Dimension	WxDxH	mm	368x534x457	445x533x457	368x534x457	445x533x457	533x533x609	445x533x599	533x533x609	533x533x609	622x533x711
	WxDxH	inch	14.49x21.02x17.99	17.52x20.98x17.99	14.49x21.02x17.99	17.52x20.98x17.99	20.98x20.98x23.98	17.52x20.98x23.58	20.98x20.98x23.98	20.98x20.98x23.98	24.49x20.98x27.99
Packing Dimension	WxDxH	mm	447x662x522	520x665x515	447x662x522	520x665x515	610x665x670	520x665x645	610x665x670	610x665x670	705x665x770
	WxDxH	inch	17.60x26.06x20.55	20.47x26.18x20.28	17.60x26.06x20.55	20.47x26.18x20.28	24.02x26.18x26.38	20.47x26.18x25.39	24.02x26.18x26.38	24.02x26.18x26.38	27.76x26.18x30.31
Net/Gross Weight		kg	18.9/21.1	19.4/23.6	18.9/21.1	19.4/23.6	30.2/35	27.3/31.3	30.2/35	30.2/35	39.3/44.6
		lbs	41.67/46.52	42.77/52.03	41.67/46.52	42.77/52.03	66.58/77.16	60.19/69.00	66.58/77.16	66.58/77.16	86.64/98.33
Stuffing Quantity											
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	172/360/450	148/308/385	172/360/450	148/308/385	81/171/228	120/252/336	81/171/228	81/171/228	72/162/162

A-COIL Cooling Heat Specification

Model	A-Coil Size		18K Cooling only(17.5"x21"x18")	24K Cooling only(17.5"x21"x18")	30K Cooling only(21"x21"x24")	36K Cooling only(21"x21"x24")	48K Cooling only(24.5"x21"x28")	48K Cooling only(21"x21"x28")
	Indoor Unit		MAC-24HWDNI-MNO	MAC-24HWDNI-MNO	MAC-36HWDNI-MNO	MAC-36HWDNI-MNO	MAC-60HWDNI-MNO	MVBM-60C28T6NI
	Outdoor Unit		MOX430U-18CFNI-M	MOD30-24CFNI-MW	MOD30U-30CFNI-M	MOD30U-36CFNI-M	MOE30U-48CFNI-M-[X2]	MOE30U-48CFNI-M-[X2]
Performance		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
Power Supply	Capacity	Btu/h	18000	24000	30000	32600	44000	48000
"SEER2 (AHRI 210/240 - 2023)"	SEER2	Btu/W	16	16.5	15.2	15.3	15.5	15.2
	EER2	Btu/W	11.7	11.4	11.5	11	11	9.8
Indoor unit								
Net Dimension	WxDxH	mm	445x533x457	445x533x457	533x533x609	533x533x609	622x533x711	533x533x711
	WxDxH	inch	17.52x20.98x17.99	17.52x20.98x17.99	20.98x20.98x23.98	20.98x20.98x23.98	24.49x20.98x27.99	20.98x20.98x27.99
Packing Dimension	WxDxH	mm	505x650x490	505x650x490	595x650x645	595x650x645	690x650x745	610x665x775
	WxDxH	inch	19.88x25.59x19.29	19.88x25.59x19.29	23.43x25.59x25.39	23.43x25.59x25.39	27.17x25.59x29.33	24.02x26.18x30.51
Net/Gross Weight		kg	19.4/23.6	19.4/23.6	30.2/35	30.2/35	39.3/44.6	36.8/41.8
		lbs	42.77/52.03	42.77/52.03	66.58/77.16	66.58/77.16	86.64/98.33	81.13/92.15
Stuffing Quantity								
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	160/328/410	160/328/410	81/180/240	81/180/240	81/162/162	81/171/171

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
19.3

EER2 Up to
12.1

HSPF2 Up to
10.8



1.5-3 Tons

A 1.5-2 tons: 20.3" x 15.7" x 36.5"

C 2.5-3 tons: 22.0" x 19.0" x 40.0"

SEER2 Up to
19.0

EER2 Up to
12.4

HSPF2 Up to
9.9



1.5-3 Tons

A 1.5 tons: 43.2" x 10.9" x 23.3"

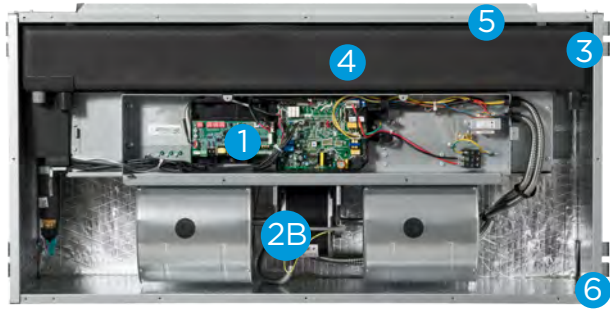
C 2.5 tons: 55.2" x 10.9" x 23.3"

B 2 tons: 49.1" x 10.9" x 23.3"

D 3 tons: 62.1" x 10.9" x 23.3"




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 disassemble 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		MVBE-18HWFN1-MM3E	MVBE-24HWFN1-MM3E	MVBE-30HWFN1-ML3E	MVBE-36HWFN1-ML3E
	Outdo or Unit		MOX-430U-18HFNI-M	MOD30-24HFNI-MW	MOD30U-30HFNI-MRO(X)	MOE3IU-36HFNI-M
Performance						
Power Supply		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 /Heating Capacity	Btu/h	18000/19000	24000/26000	30000/31000	36000/38000
	SEER2	Btu/W	19.3	17.5	16.9	17.6
	EER2	Btu/W	12.1	11.7	10.0	10.2
	HSPF4	Btu/W	10.8	10.5	9.0	9.2
Heating at 5°F (-15°C)	Rated capacity	Btu/h	18800	24000	25000	33400
	COP	W/W	2.30	2.00	1.80	1.81
Indoor unit						
Air Flow Volume	H/M/L	CFM	617/576/529/488	823/758/694/629	988/894/805/711	1188/1082/970/864
Noise Level	H/M/L	dB(A)	48/45/43	51/47/45	55/50/47	55/50/47
Net Dimension	WxDxH	mm	515x399x928	515x399x928	559x483x1017	559x483x1017
	WxDxH	inch	20.28x15.71x36.54	20.28x15.71x36.54	22.01x19.02x40.04	22.01x19.02x40.04
Packing Dimension	WxDxH	mm	580x495x1090	580x495x1090	625x580x1193	625x580x1193
	WxDxH	inch	22.83x19.49x42.91	22.83x19.49x42.91	24.61x22.83x46.97	24.61x22.83x46.97
Net/Gross Weight		kg	40/49.5	40/49.5	49.4/60.3	49.4/60.3
		lbs	88.18/109.13	88.18/109.13	108.91/132.94	108.91/132.94
Stuffing Quantity						
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	88/192/192	88/192/192	36/76/152	36/76/152

Wall Mounted AHU Regular Heat Specification

Up to 18 SEER2

Model	Indoor Unit		MVBE-18HWFN1-MM3E	MVBE-24HWFN1-M3E	MVBE-30HWFN1-ML3E	MVBE-36HWFN1-ML3E
	Outdo or Unit		MOX-330U-18HFNI-MRO	MOX-430U-24HFNI-MRO	MOD30U-30HFNI-MRO	MOD30U-36HFNI-MRO
Performance						
Power Supply		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 /Heating Capacity	Btu/h	18000/18000	24000/26000	30000/31000	35000/36000
	SEER2	Btu/W	17.0	17.0	18.0	16.9
	EER2	Btu/W	10.7	10.5	10.8	10.0
	HSPF4	Btu/W	8.8	10.2	8.2	8.0
Heating at 5°F (-15°C)	Rated capacity	Btu/h	10500	19400	18100	21500
	COP	W/W	2.03	2.33	1.72	1.92
Indoor unit						
Air Flow Volume	H/M/L	CFM	617/576/529/488	823/758/694/629	988/894/805/711	1188/1082/970/864
Noise Level	H/M/L	dB(A)	48/45/43	51/47/45	55/50/47	55/50/47
Net Dimension	WxDxH	mm	515x399x928	515x399x928	559x483x1017	559x483x1017
	WxDxH	inch	20.28x15.71x36.54	20.28x15.71x36.54	22.01x19.02x40.04	22.01x19.02x40.04
Packing Dimension	WxDxH	mm	580x495x1090	580x495x1090	625x580x1193	625x580x1193
	WxDxH	inch	22.83x19.49x42.91	22.83x19.49x42.91	24.61x22.83x46.97	24.61x22.83x46.97
Net/Gross Weight		kg	40/49.5	40/49.5	49.4/60.3	49.4/60.3
		lbs	88.18/109.13	88.18/109.13	108.91/132.94	108.91/132.94
Stuffing Quantity						
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	88/192/192	88/192/192	36/76/152	36/76/152

Ceiling Mounted AHU Extreme Heat Specification

Up to 19 SEER2

Model	Indoor Unit		MVBL-18HWFNI-M H3	MVBL-24HWFNI-M I3	MVBL-30HWFNI- MJ3	MVBL-36HWFNI- MK3
	Outdo or Unit		MOX- 430U-18HFNI-M	MOD30- 24HFNI-MW	MOD30U- 30HFNI-MRO(X)	MOE3IU- 36HFNI-M
Performance						
Power Supply		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 /Heating Capacity	Btu/h	18000/19000	24000/27500	28000/30000	36000/36000
	SEER2	Btu/W	17.0	19.0	18.2	17.0
	EER2	Btu/W	12.4	12.0	11.7	10.0
	HSPF4	Btu/W	9.5	9.3	8.8	9.9
Heating at 5°F (-15°C)	Rated capacity	Btu/h	18000	24000	26000	36000
	COP	W/W	2.00	1.91	1.80	1.90
Indoor unit						
Air Flow Volume	H/M/L	CFM	600/564/529/488	823/758/694/629	988/894/805/541	1176/1000/794/617
Noise Level	H/M/L	dB(A)	54/50/45.5	55/52/45.5	58/56/47	60/56/53
Net Dimension	WxDxH	mm	1098x592.7x277.6	1248x592.7x277.6	1403x592.7x277.6	1578x592.7x277.6
	WxDxH	inch	43.23x23.33x10.93	49.13x23.33x10.93	55.24x23.33x10.93	62.13x23.33x10.93
Packing Dimension	WxDxH	mm	1200x680x345	1350x680x345	1505x680x345	1680x680x345
	WxDxH	inch	47.24x26.77x13.58	53.15x26.77x13.58	59.25x26.77x13.58	66.14x26.77x13.58
Net/Gross Weight		kg	51/56.6	55.6/61.9	61.6/68.2	65.7/71.1
		lbs	112.43/124.78	122.58/136.46	135.80/150.35	144.84/156.75
Stuffing Quantity						
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	72/144/210	72/144/168	54/108/147	54/108/147

Ceiling Mounted AHU Regular Heat Specification

Up to 16.5 SEER2

Model	Indoor Unit		MVBL-18HWFNI-M H3	MVBL-24HWFNI -MI3	MVBL-30HWFNI- MJ3	MVBL-36HWFNI -MK3
	Outdo or Unit		MOX- 330U-18HFNI-MRO	MOX- 430U-24HFNI-MRO	MOD30U- 30HFNI-MRO	MOE3IU- 36HFNI-M
Performance						
Power Supply		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 /Heating Capacity	Btu/h	18000/18000	24000/26000	30000/31000	36000/36000
	SEER2	Btu/W	16.0	16.0	16.5	16.0
	EER2	Btu/W	10.0	10.0	10.0	9.5
	HSPF4	Btu/W	8.0	8.5	8.0	8.0
Heating at 5°F (-15°C)	Rated capacity	Btu/h	10000	18000	16000	20000
	COP	W/W	1.90	2.00	1.70	1.80
Indoor unit						
Air Flow Volume	H/M/L	CFM	600/564/529/488	823/758/694/629	988/894/805/541	1176/1000/794/617
Noise Level	H/M/L	dB(A)	54/50/45.5	55/52/45.5	58/56/47	60/56/53
Net Dimension	WxDxH	mm	1098x592.7x277.6	1248x592.7x277.6	1403x592.7x277.6	1578x592.7x277.6
	WxDxH	inch	43.23x23.33x10.93	49.13x23.33x10.93	55.24x23.33x10.93	62.13x23.33x10.93
Packing Dimension	WxDxH	mm	1200x680x345	1350x680x345	1505x680x345	1680x680x345
	WxDxH	inch	47.24x26.77x13.58	53.15x26.77x13.58	59.25x26.77x13.58	66.14x26.77x13.58
Net/Gross Weight		kg	51/56.6	55.6/61.9	61.6/68.2	65.7/71.1
		lbs	112.43/124.78	122.58/136.46	135.80/150.35	144.84/156.75
Stuffing Quantity						
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	72/144/210	72/144/168	54/108/147	54/108/147

Easy to Control Your EVOX Systems

Multiple control methods to maximize your convenience.

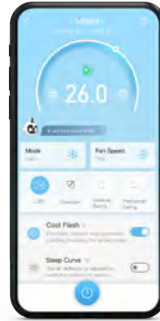
Wired Controller
Built-in WiFi



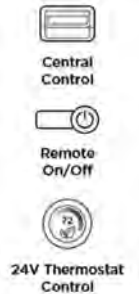
Remote Control



Mobile Phone

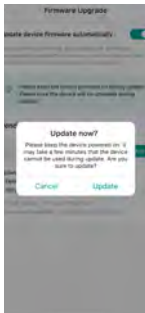


Voice



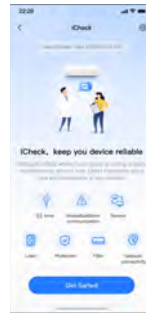
MIDEA SMARTHOME APP

Your Evolving System



Future upgrade

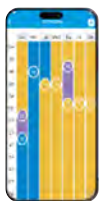
Over-the-air update technology (OTA) for future comfort enhancements



Check your System's Health

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

Your Smart Home Comfort Manager



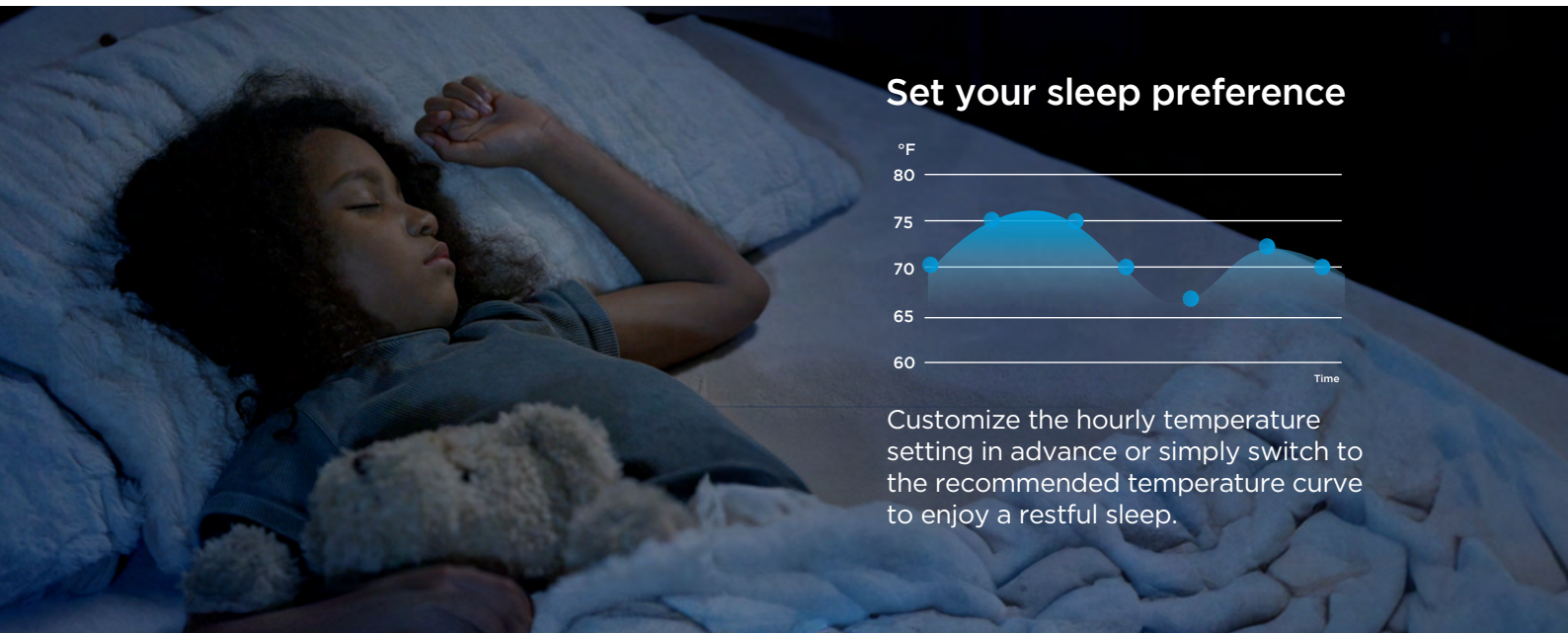
Set your schedule

Customize the schedule of your unit before start your week

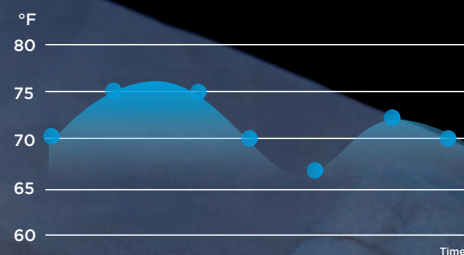


Set your location

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.

Easy Upgrade Solutions for Every Family



Townhouse



Apartment



House



Dual Fuel



make yourself at home



www.mideaevox.com
© Midea 2023 all rights reserved