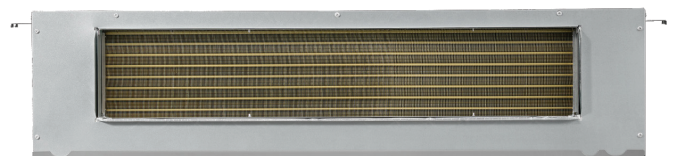




Midea Ceiling-Mounted Air Handler Allows Customized Air Volume For Multi-Family Spaces

Adjusts to your space requirements





High Static Pressure Right Where You Need It

Compact Size Ceiling-Mounted AHU

Simple to replace any old unit.

Easier Replacement with more space for installation operation.

Four Capacities - Four Cabinet Sizes

A 1.5 tons: 43-1/2"×23-3/8"×10-7/8"

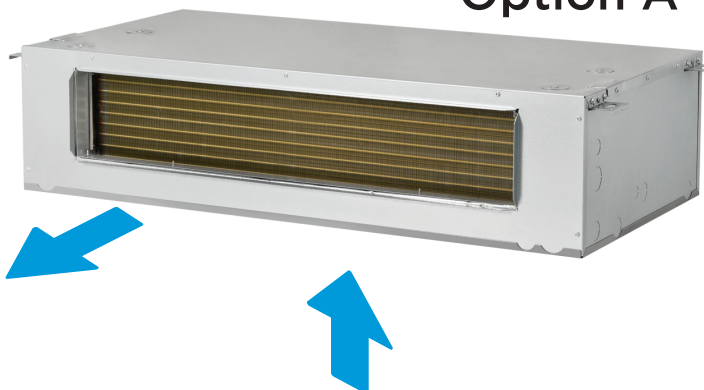
B 2 tons: 49-1/8"×23-3/8"×10-7/8"

C 2.5 tons: 55-1/4"×23-3/8"×10-7/8"

D 3 tons: 62-1/8"×23-3/8"×10-7/8"

Airflow Options

Option A



Option B*



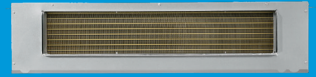
*Not applicable to supplementary heating function.

Ceiling-Mounted Air Handler Features

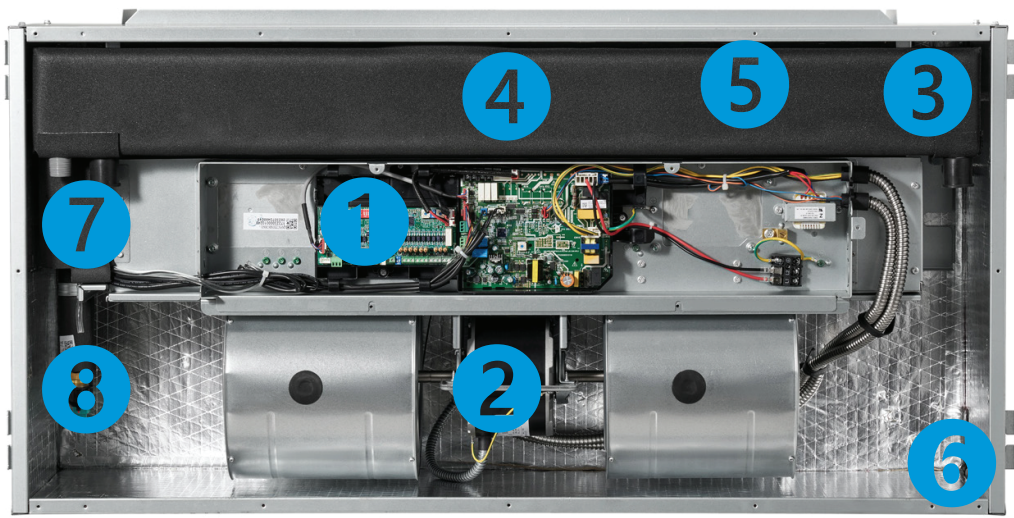
SEER2 Up to
17.5

EER2 Up to
12.0

HSPF2 Up to
10.5



Advanced Components



- ① Compatible with 485 or 24V: automatically identifying the control mode, no need for manual conversion. The indoor unit is designed to be compatible with both 115V and 230V power. The default setting is 230V. You can manually set it to 115V.
- ② Constant torque ECM motor provides sufficient airflow of 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 10 kW.
- ⑤ All-Aluminium Coil: Preventing termite-induced pitting corrosion
- ⑥ Quiet Operation – Inverter system runs at significantly lower dB(A) level.
- ⑦ A2L Detection Sensor
- ⑧ Nitrogen protection: The indoor unit is nitrogen-charged; you will know if there is a leak on the Indoor unit before making connections.

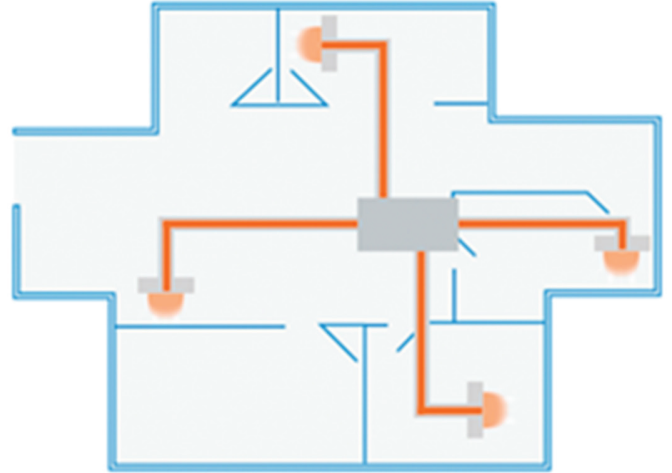
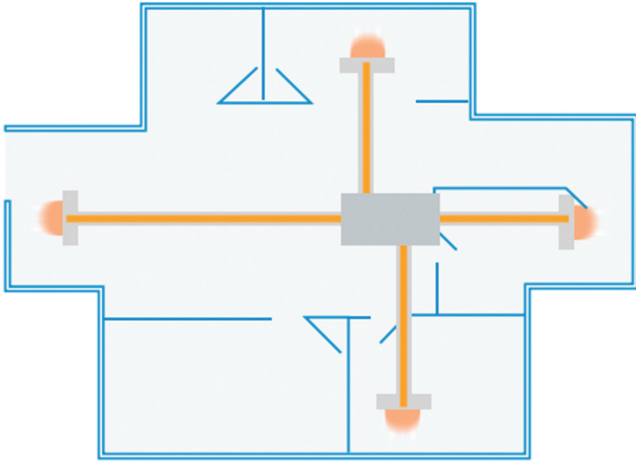
Constant Airflow Technology 2.0

The ECM fan motor of the EVOX ceiling-mounted air handler has up to 0.8" static pressure to overcome the static loss due to ductwork design, thus ensuring sufficient airflow delivery regardless of existing duct length.

Sufficient Airflow

TOTAL STATIC PRESSURE 0.4"

TOTAL STATIC PRESSURE 0.8"



Maintenance Is A Breeze



Easy To Service

Conveniently access the electrical board from the bottom of the unit.

Easy-To-Maintain Design

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



Easy Fault Code Checking

Simply remove two screws to access the error code display. Thanks to advanced mutual data communication technology, the AHU system can intelligently self-detect the failure cause and generate a corresponding code.

Secure Lock

Additional lock holds PCB cover in place.



Ceiling-Mounted Xtreme Heat Specification

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			
	ODU	V, Ph, Hz	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	19,000	26,000	31,000	37,000
	SEER2	Btu/W	16.8	17.5	16.3	15.4
	EER2	Btu/W	12	10.8	11	10.2
	HSPF2 (Region IV)	Btu/W	10.5	9.2	9.5	9.8
	HSPF2 (Region V)	Btu/W	8.5	7.5	8.0	8.0
Heating at 5°F (-15°C)	Rated Capacity	Btu/h	19,000	20,000	31,000	36,000
	COP	W/W	1.8	1.9	1.86	1.9
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
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
Net Weight		kg	53.5	58	63	64.8
		lbs.	118	128	139	144
Piping Size		Liquid side	3/8			
		Gas side	3/4			

Ceiling-Mounted Advanced Heat Specification

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			
	ODU	V, Ph, Hz	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	30,000	37,000
	SEER2	Btu/W	16.8	16.0	16.6	15.4
	EER2	Btu/W	11.5	10.0	10.5	9.2
	HSPF2 (Region IV)	Btu/W	8.8	9.0	8.1	8.7
	HSPF2 (Region V)	Btu/W	6.8	7.0	6.6	7.1
Heating at 5°F (-15°C)	Rated Capacity	Btu/h	11,400	19,000	19,000	28,400
	COP	W/W	1.8	1.8	1.9	1.86
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
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
Net Weight		kg	53.5	58	63	64.8
		lbs.	118	128	139	144
Piping Size		Liquid side	3/8			
		Gas side	3/4			



Complete Climate Solutions

Explore our full product line

