

Midea® PTAC Engineering Specifications

HE Performance

Optimized sealed system design for high efficiency performance to help save on operational costs.

Auto Restart

If a power failure occurs, the unit will automatically return to normal operation when power resumes.

Washable Slide-Out Filters

Allows for easy cleaning, ensuring maximum operating efficiency.

Electronic Controls

Temperature, fan speed and mode operation are easily adjusted with the touch of a button. Easy-to-read digital display shows set temperature.

Super Silent Operation

Dual Motor design with indoor crossflow blower and high efficiency compressor. Sturdy chassis construction dampens vibration and sound transmission.

Auto Defrosting

Prevents evaporator from freezing, prolonging product life and improving energy savings.

Fresh Air Ventilation

Fills the room with fresh air when operating, providing healthier and more comfortable air quality.

Auxiliary Mode Selection

Allows for more functional detail and better temperature control. Customize many operational parameters of the unit.

Power Cord

Pre-assembled power cord included from factory.

Vertical Integration

Our vertically-integrated manufacturing capability means enhanced quality control over components with fewer supply chain interruptions.

PACKAGED TERMINAL AIR CONDITIONER (PTAC / PTHP) 230/208V Electric Heat Models



2 YEAR Limited Warranty from Original Purchase Date



5 YEAR Limited Sealed System Warranty from Original Purchase Date



PTAC Accessories

ACCESSORIES	DESCRIPTION	ACCESSORIES	NON ELECTRICAL BASE
MAGS01	Stamped Aluminum Grille	SUBBASE-230V-15A	Non Electrical Subbase 230V 15A
MAGA01	PTAC Aluminum Architectural Grille - Dark Bronze	SUBBASE-230V-20A	Non Electrical Subbase 230V 20A
MAGA02	PTAC Aluminum Architectural Grille - White	SUBBASE-230V-30A	Non Electrical Subbase 230V 30A
MAGA03	PTAC Aluminum Architectural Grille - Beige	SUBBASE-265V-15A	Non Electrical Subbase 265V 15A
MAWS01	Standard Wall Sleeve	SUBBASE-265V-20A	Non Electrical Subbase 265V 20A
MAWF01	Foldable Wall Sleeve	VATE01	Verdant Wired T-Stat
MADS01	Condensate Drain Kit	VATE02	Verdant Wireless T-Stat
17122300001094	Washable Filter	MATS01	Standard Wired Wall Thermostat

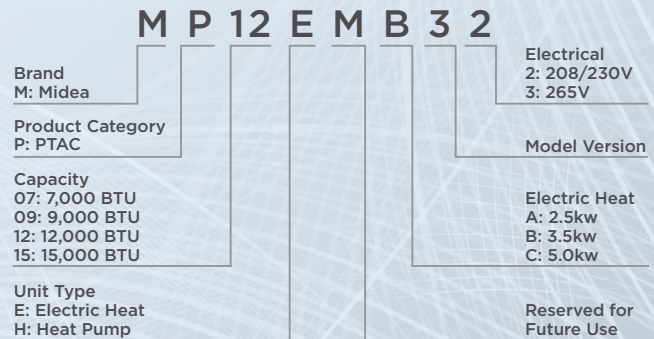
Location Requirements and Restrictions

Note: For complete installation instructions, refer to installation guide provided separately.

Selecting Location

Use the following guide for selecting the proper sleeve location:

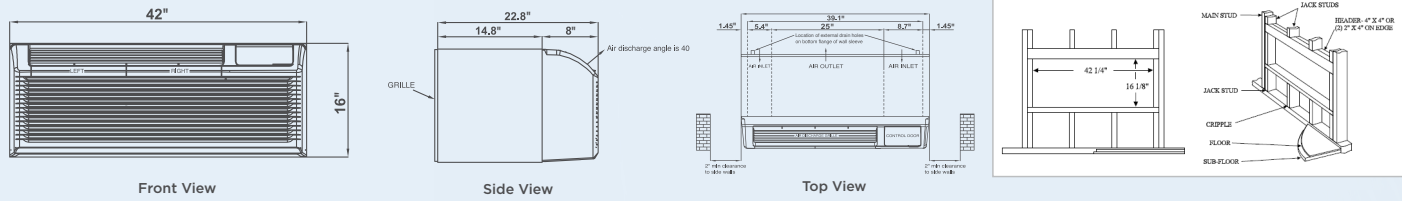
- Allow at least 14" from front of sleeve for removal of front panel and air conditioner for maintenance.
- The sleeve may be installed flush against the floor (including carpeting), except for installations using subbase. See **SUBBASE INSTALLATIONS** section in installation guide.
- For cord-connected air conditioners, an electrical receptacle must be located within reach of power cord. Table 1 shows typical power cord lengths from the sleeve.





PACKAGED TERMINAL AIR CONDITIONER (PTAC / PTHP) 230/208V Electric Heat Models

Unit Dimensions



Models		MP07EMB32	MP09EMB32	MP12EMB32	MP12EMC32	MP15EMB32	MP15EMC32
UPC		8-17986025459	8-17986025466	8-17986025473	8-17986025541	8-17986025480	8-17986025558
Power Supply	Ph-V-Hz	230/208V, 60Hz, 1Ph	230/208V, 60Hz, 1Ph	230/208V, 60Hz, 1Ph	230/208V, 60Hz, 1Ph	230/208V, 60Hz, 1Ph	230/208V, 60Hz, 1Ph
COOLING							
Capacity	Btu/h	7,200 / 7,100	8,800 / 8,700	12,000 / 11,800	12,000 / 11,800	14,700 / 14,500	14,700 / 14,500
Dehumidification (Hi/Med/Low)	Pints/hr	0.38 / 0.40 / 0.44	0.89 / 1.12 / 1.27	2.94 / 3.06 / 3.19	2.94 / 3.06 / 3.19	4.50 / 4.52 / 4.59	4.50 / 4.52 / 4.59
Input	W	560 / 550	690 / 680	1,030 / 1,020	1,030 / 1,020	1,390 / 1,370	1,390 / 1,370
Current	A	2.85 / 3.11	3.36 / 3.64	5.08 / 5.57	5.08 / 5.57	6.88 / 8.16	6.88 / 8.16
EER	Btu/h/W	13.1	12.8	11.6	11.6	10.6	10.6
Sensible Heat Ratio (High)	%	83	87	71	71	68	68
HEATING (HEAT PUMP MODELS)							
Capacity	Btu/h	N/A	N/A	N/A	N/A	N/A	N/A
Input	W	N/A	N/A	N/A	N/A	N/A	N/A
Current	A	N/A	N/A	N/A	N/A	N/A	N/A
COP	W/W	N/A	N/A	N/A	N/A	N/A	N/A
HEATING (ELECTRIC HEAT)							
Capacity	Btu/h	10,900 / 8,900	10,900 / 8,900	10,900 / 8,900	15,000 / 12,200	10,900 / 8,900	15,000 / 12,200
Input	W	3,500 / 2,900	3,500 / 2,900	3,500 / 2,900	4,702 / 3,794	3,500 / 2,900	4,702 / 3,794
Current	A	14.96 / 13.7	15.3 / 13.7	14.96 / 13.7	20.4 / 18.24	14.96 / 13.7	20.4 / 18.24
Starting Current	A	16	18	25.9	25.9	34.5	34.5
GENERAL SPECS							
Refrigerant Type	oz	R32 / 17.28ozs	R32 / 17.64ozs	R32 / 21.87ozs	R32 / 21.87ozs	R32 / 21.52ozs	R32 / 21.52ozs
Design Pressure (High/Low)	PSIG	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300
Plug Type		LCDI 6-20P	LCDI 6-20P	LCDI 6-20P	LCDI 6-30P	LCDI 6-20P	LCDI 6-30P
Control Type		Electronic Control	Electronic Control	Electronic Control	Electronic Control	Electronic Control	Electronic Control
Operation Temp	Indoor (cooling/heating)	°C	17-32 / 0-27	17-32 / 0-27	17-32 / 0-27	17-32 / 0-27	17-32 / 0-27
		°F	62-90 / 32-80	62-90 / 32-80	62-90 / 32-80	62-90 / 32-80	62-90 / 32-80
Operation Temp	Outdoor (cooling/heating)	°C	18-43 / -5-24	18-43 / -5-24	18-43 / -5-24	18-43 / -5-24	18-43 / -5-24
		°F	64-109 / 23-76	64-109 / 23-76	64-109 / 23-76	64-109 / 23-76	64-109 / 23-76
Application Area (Cooling EPA)	ft ²	250-300	350-400	450-550	450-550	550-700	550-700
AIRFLOW & NOISE LEVEL							
Indoor Air Flow (Hi/Med/Low)	CFM	346 / 285	390 / 315	404 / 321	404 / 321	430 / 350	430 / 350
Outdoor Air Flow (Hi/Med/Low)	m ³ /h	499	499	547	547	547	547
Indoor Noise Level (Hi/Med/Low)	dBA	51 / 50.5	51 / 50.5	52.5 / 52	52.5 / 52	51 / 50.5	51 / 50.5
Outdoor Noise Level (Hi)	dBA	67	63	66	66	65	65
WEIGHTS & DIMENSIONS							
Dimensions (W x D x H)	mm	1,067 x 532 x 406	1,067 x 532 x 406	1,067 x 532 x 406	1,067 x 532 x 406	1,067 x 532 x 406	1,067 x 532 x 406
	in	42 x 21 x 16	42 x 21 x 16	42 x 21 x 16	42 x 21 x 16	42 x 21 x 16	42 x 21 x 16
Packing (W x D x H)	mm	1,130 x 625 x 490	1,130 x 625 x 490	1,130 x 625 x 490	1,130 x 625 x 490	1,130 x 625 x 490	1,130 x 625 x 490
	in	44.5 x 24.6 x 19.3	44.5 x 24.6 x 19.3	44.5 x 24.6 x 19.3	44.5 x 24.6 x 19.3	44.5 x 24.6 x 19.3	44.5 x 24.6 x 19.3
Net/Gross weight	kg	44.5 / 48.5	46 / 50	49 / 53	49 / 53	48 / 52	48 / 52
	lbs	98.1 / 106.9	101.4 / 110.2	108.0 / 116.8	108.0 / 116.8	105.8 / 114.6	105.8 / 114.6
Loading Quantity 20' / 40' / 40'HQ	Pieces	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190

Specifications subject to change without notice.

PRODUCT SUPPORT:
ONLINE: MIDEA.COM
Get product information, find a dealer,
download technical documents.

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