

Midea® PTAC Engineering Specifications

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 Heat Pump 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:

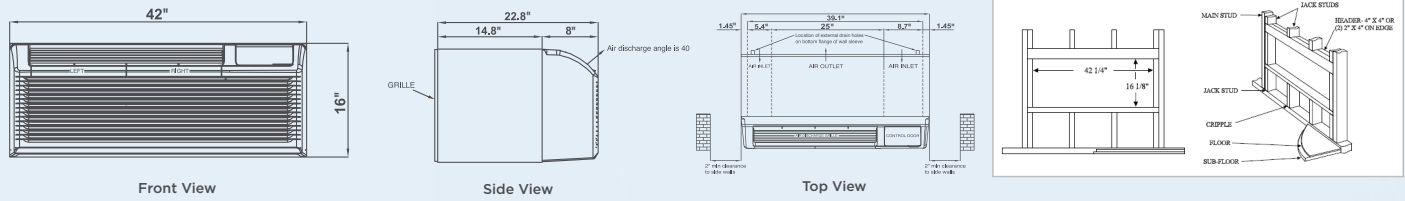
1. Allow at least 14" from front of sleeve for removal of front panel and air conditioner for maintenance.
2. The sleeve may be installed flush against the floor (including carpeting), except for installations using subbase. See **SUBBASE INSTALLATIONS** section in installation guide.
3. For cord-connected 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 Heat Pump Models

Unit Dimensions



| Models | | MP07HMB32 | MP09HMB32 | MP12HMB32 | MP12HMC32 | MP15HMB32 | MP15HMC32 |
|------------------------------------|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| UPC | | 8-17986025497 | 8-17986025503 | 8-17986025510 | 8-17986025565 | 8-17986025527 | 8-17986025572 |
| 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 | 9,200 / 9,100 | 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 | 550 / 540 | 720 / 710 | 1,030 / 1,010 | 1,030 / 1,010 | 1,390 / 1,370 | 1,390 / 1,370 |
| Current | A | 2.7 / 3.07 | 3.38 / 3.65 | 4.78 / 5.15 | 4.78 / 5.15 | 6.03 / 6.71 | 6.03 / 6.71 |
| EER | Btu/h/W | 13.1 | 12.8 | 11.6 | 11.6 | 10.6 | 10.6 |
| Sensible Heat Ratio (High) | % | 89 | 77 | 76 | 76 | 65 | 65 |
| HEATING (HEAT PUMP MODELS) | | | | | | | |
| Capacity | Btu/h | 6,200 / 6,000 | 7,800 / 7,500 | 10,800 / 10,500 | 10,800 / 10,500 | 13,500 / 13,200 | 13,500 / 13,200 |
| Input | W | 480 / 460 | 600 / 580 | 880 / 840 | 880 / 840 | 1,170 / 1,120 | 1,170 / 1,120 |
| Current | A | 2.34 / 2.47 | 3.06 / 3.29 | 4.55 / 4.84 | 4.78 / 5.15 | 5.56 / 5.83 | 5.56 / 5.83 |
| COP | W/W | 3.6 | 3.8 | 3.4 | 3.4 | 3.2 | 3.2 |
| 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 | 3,200 / 2,900 | 3,200 / 2,900 | 3,500 / 2,900 | 4,702 / 3,794 | 3,500 / 2,900 | 4,702 / 3,794 |
| Current | A | 14.96 / 13.7 | 14.96 / 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 | 39 | 39 |
| GENERAL SPECS | | | | | | | |
| Refrigerant Type | oz | R32 / 23.99ozs | R32 / 22.58ozs | R32 / 26.81ozs | R32 / 26.81ozs | R32 / 31.75ozs | R32 / 31.75ozs |
| 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 |
| Indoor (cooling/heating) | °C | 18-43 / -5-24 | 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 | 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 | 335 / 295 | 424 / 343 | 436 / 353 | 436 / 353 | 417 / 330 | 417 / 330 |
| Outdoor Air Flow (Hi/Med/Low) | m ³ /h | 474 | 474 | 537 | 537 | 537 | 537 |
| Indoor Noise Level (Hi/Med/Low) | dBA | 51 / 50.5 | 52.5 / 52 | 51 / 50.5 | 51 / 50.5 | 53 / 52 | 53 / 52 |
| Outdoor Noise Level (Hi) | dBA | 61 | 67.5 | 67.5 | 67.5 | 67 | 67 |
| 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 | 46 / 50 | 47.5 / 51.5 | 50 / 54 | 50 / 54 | 51.5 / 55.5 | 51.5 / 55.5 |
| | lbs | 101.4 / 110.2 | 104.7 / 113.5 | 110.2 / 119.0 | 110.2 / 119.0 | 113.5 / 122.4 | 113.5 / 122.4 |
| 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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