



An Excellent Choice in Cooling,
Comfort and Convenience



2024 Product Catalog

PACKAGED TERMINAL AIR CONDITIONER (PTAC / PTHP)



Why Midea PTAC?

For the Tiny Moments That Make a Huge Impact

Midea has engineered the small conveniences that enhance the human experience since 1968. We're the world's leading manufacturer of HVAC systems.

Those who know us trust our ongoing commitment to technological innovation and consumer-driven product development. We are forever focused on the constant improvement of our offerings and providing the best service possible. We're tirelessly working to develop unique solutions that better help people live comfortably.

#1 
World's No. 1 Air-treatment Company

Source: Euromonitor International Limited; Consumer Appliances 12ed, retail volume sales in units, 2018 data.



FEATURES

Designed for Comfort and Convenience

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.

RECEPTACLES AND FUSE TYPES

Voltage	230V			265V	
	15	20	30	15	20
Amps	15	20	30	15	20
Heater Size (kW)	2.5	3.5	5.0	3.5	
Receptacles					
NEMA # Receptacle	6-15R	6-20R	6-30R	7-20R	
NEMA # Plug	6-15P	6-20P	6-30P	7-20P	



2 YEAR Limited Warranty from Original Purchase Date



5 YEAR Limited Sealed System Warranty from Original Purchase Date

SPECIFICATIONS

HEAT/COOL		2024 PTAC SPECIFICATIONS															
pec		MP07HMB32	MP07EMB32	MP09HMB32	MP09EMB32	MP09HMB33	MP09EMB33	MP12HMB32	MP12HMC32	MP12EMB32	MP12EMC32	MP12HMB33	MP12EMB33	MP15HMB32	MP15HMC32	MP15EMB32	MP15EMC32
UPC		8-17986025497	8-17986025459	8-17986025503	8-17986025466	8-17986029914	8-17986029938	8-17986025510	8-17986025565	8-17986025473	8-17986025541	8-17986029952	8-17986029976	8-17986025527	8-17986025572	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	265V, 60Hz, 1Ph	265V, 60Hz, 1Ph	230/208V, 60Hz, 1Ph	230/208V, 60Hz, 1Ph	230/208V, 60Hz, 1Ph	230/208V, 60Hz, 1Ph	265V, 60Hz, 1Ph	265V, 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	7,200 / 7,100	9,200 / 9,100	8,800 / 8,700	9,000	9,000	12,000 / 11,800	12,000 / 11,800	12,000 / 11,800	12,000 / 11,800	12,000	12,000	14,700 / 14,500	14,700 / 14,500	14,700 / 14,500	14,700 / 14,500
Dehumidification (Hi/Med/Lo)	Pints/hr	0.38 / 0.40 / 0.44	0.38 / 0.40 / 0.44	0.89 / 1.12 / 1.27	0.89 / 1.12 / 1.27	0.89 / 1.12 / 1.27	0.89 / 1.12 / 1.27	2.94 / 3.06 / 3.19	2.94 / 3.06 / 3.19	2.94 / 3.06 / 3.19	2.94 / 3.06 / 3.19	2.94 / 3.06 / 3.19	2.94 / 3.06 / 3.19	4.50 / 4.52 / 4.59	4.50 / 4.52 / 4.59	4.50 / 4.52 / 4.59	4.50 / 4.52 / 4.59
Input	W	550/540	560 / 550	720 / 710	690 / 680	770	770	1,030 / 1,010	1,030 / 1,010	1,030 / 1,010	1,030 / 1,010	1,130	1,130	1,390 / 1,370	1,390 / 1,370	1,390 / 1,370	1,390 / 1,370
Current	A	2.70 / 3.07	2.85 / 3.11	3.38 / 3.65	3.36 / 3.64	3.61	3.61	4.78 / 5.15	4.78 / 5.15	5.08 / 5.57	5.08 / 5.57	4.98	4.98	6.03 / 6.71	6.03 / 6.71	6.88 / 8.16	6.88 / 8.16
EER	Btu/h/W	13.1	13.1	12.8	12.8	11.3	11.3	11.6	11.6	11.6	11.6	10.5	10.5	10.6	10.6	10.6	10.6
Sensible Heat ratio (High)	%	89	83	77	87	77	82	76	76	71	71	74	74	65	65	68	68
HEATING (HEAT PUMP MODELS)																	
Capacity	Btu/h	6,200 / 6,000	N/A	7,800 / 7,500	N/A	8,000	N/A	10,800 / 10,500	10,800 / 10,500	N/A	N/A	10,800	N/A	13,500 / 13,200	13,500 / 13,200	N/A	N/A
Input	W	480 / 460	N/A	600 / 580	N/A	620	N/A	880 / 840	880 / 840	N/A	N/A	970	N/A	1,170 / 1,120	1,170 / 1,120	N/A	N/A
Current	A	2.34 / 2.47	N/A	3.06 / 3.29	N/A	2.68	N/A	4.55 / 4.84	4.55 / 4.84	N/A	N/A	4.68	N/A	5.56 / 5.83	5.56 / 5.83	N/A	N/A
COP	W/W	3.6	N/A	3.8	N/A	3.3	N/A	3.4	3.4	N/A	N/A	3.2	N/A	3.2	3.2	N/A	N/A
HEATING (ELECTRIC HEAT)																	
Capacity	Btu/h	10,900 / 8,900	10,900 / 8,900	10,900 / 8,900	10,900 / 8,900	10,900	10,900	10,900 / 8,900	15,000 / 12,200	10,900 / 8,900	15,000 / 12,200	10,900	10,900	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	3,500 / 2,900	3,500	3,500	3,500 / 2,900	4,702 / 3,794	3,500 / 2,900	4,702 / 3,794	3,500	3,500	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	14.96 / 13.7	13.2	13.2	14.96 / 13.7	20.4 / 18.24	14.96 / 13.7	20.4 / 18.24	13.2	13.2	14.96 / 13.7	20.4 / 18.24	14.96 / 13.7	20.4 / 18.24
Starting current	A	16	16	18	18	17	17	25.9	25.9	25.9	25.9	22	22	39	39	34.5	34.5
Indoor air flow (Hi/Med/Lo)	CFM	355 / 295	346 / 285	424 / 343	390 / 315	389 / 328	389 / 328	436 / 353	436 / 353	404 / 321	404 / 321	434 / 353	434 / 353	417 / 330	417 / 330	430 / 350	430 / 350
Outdoor Air Flow (Hi)	CFM	474	499	474	499	472	472	537	537	547	547	537	537	537	537	547	547
Indoor noise level (Hi/Med/Lo)	dBA	51 / 50.5	51 / 50.5	52.5 / 52	51 / 50.5	50 / 49.5	50 / 49.5	51 / 50.5	51 / 50.5	52.5 / 52	52.5 / 52	51 / 50.5	51 / 50.5	53 / 52	53 / 52	51 / 50.5	51 / 50.5
Outdoor noise level (Hi)	dBA	61	67	67.5	63	63	63	67.5	67.5	66	66	66	66	67	67	65	65
Vent Door CFM full open (Hi/Med/Lo)	CFM	61.1 / 50.6	61.1 / 50.6	61.1 / 50.6	61.1 / 50.6	61.1 / 50.6	61.1 / 50.6	62 / 56	62 / 56	62 / 56	62 / 56	62 / 56	62 / 56	62 / 56	62 / 56	62 / 56	62 / 56
Refrigerant type	oz	R32 / 23.99ozs	R32 / 17.28ozs	R32 / 22.58ozs	R32 / 17.64ozs	R32 / 19.40ozs	R32 / 19.40ozs	R32 / 26.81ozs	R32 / 26.81ozs	R32 / 21.87ozs	R32 / 21.87ozs	R32 / 27.51ozs	R32 / 27.51ozs	R32 / 31.75ozs	R32 / 31.75ozs	R32 / 21.52ozs	R32 / 21.52ozs
Design pressure (High / Low)	PSIG	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300	540 / 300
Plug type																	
Control type		Electronic Control	Electronic Control	Electronic Control	Electronic Control	Electronic Control	Electronic Control	Electronic Control	Electronic Control	Electronic Control	Electronic Control	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	17-32 / 0-27	17-32 / 0-27	17-32 / 0-27	17-32 / 0-27	17-32 / 0-27	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	62-90 / 32-80	62-90 / 32-80	62-90 / 32-80	62-90 / 32-80	62-90 / 32-80	62-90 / 32-80	62-90 / 32-80	62-90 / 32-80	62-90 / 32-80	62-90 / 32-80
	Outdoor (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	18-43 / -5-24	18-43 / -5-24	18-43 / -5-24	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	64-109 / 23-76	64-109 / 23-76	64-109 / 23-76	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)	ft²	250-300	250-300	350-400	350-400	350-400	350-400	450-500	450-500	450-550	550-700	550-700	550-700	550-700	550-700	550-700	550-700
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	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	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	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	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	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	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	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	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	44.5 / 48.5	47.5 / 51.5	46 / 50	45 / 49	45 / 49	50 / 54	50 / 54	49 / 53	49 / 53	48 / 52	48 / 52	51.5 / 55.5	51.5 / 55.5	48 / 52	48 / 52
	lbs	101.4 / 110.2	98.1 / 106.9	104.7 / 113.5	101.4 / 110.2	99.2 / 108	99.2 / 108	110.2 / 119.0	110.2 / 119.0	108.0 / 116.8	108.0 / 116.8	105.8 / 114.6	105.8 / 114.6	113.5 / 122.4	113.5 / 122.4	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	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190	72 / 152 / 190

Model Number Nomenclature:
 MP - Midea PTAC
 07/09/12/15 - Capacity (Nearest 1000 BTU)
 E/H - Electric Heat / Heat Pump
 M - Reserved for future use

A/B/C - 2.5 kW / 3.5kW / 5kW heater capacity
 8 - Model version
 2 - 230/208V, 60Hz, 1Ph

Specifications subject to change without notice.

PTAC / PTHP

Packaged Terminal Air Conditioner Specifications

Accessories



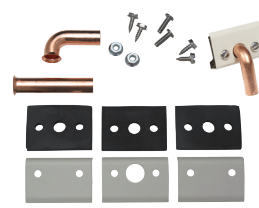
Stamped Aluminum Grille
MAGS01



Standard Wall Sleeve
MAWS01



Foldable Wall Sleeve
MAWF01



Condensate Drain Kit
MADS01



PTAC Aluminum Architectural Grille
MAGA01 - Dark Bronze



PTAC Aluminum Architectural Grille
MAGA02 - White



PTAC Aluminum Architectural Grille
MAGA03 - Beige



Subbase-A
(Non-electrical Base)



Subbase-230V-15A
Subbase-230V-20A
Subbase-230V-30A
Subbase-265V-15A
Subbase-265V-20A



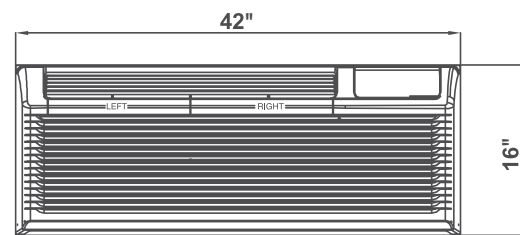
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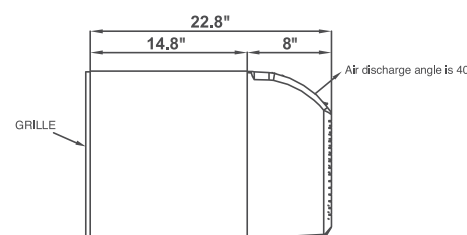
Standard Wired Wall Thermostat
MATS01 (HP or AC)

(Several 24v aftermarket alternatives available)

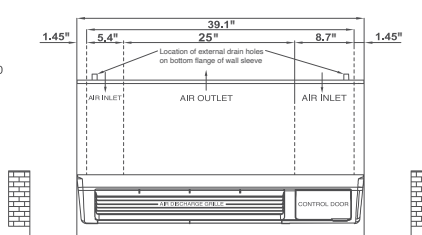
Unit Dimensions



Front View



Side View

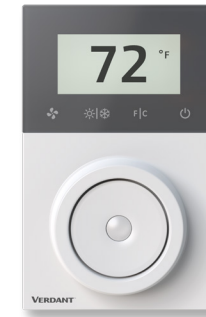


Top View

Verdant Energy Management Plug & Play Smart Thermostats



VX Series



ZX Series

Our smart thermostats use **advanced occupancy sensing technology** to scan the room for motion and body heat. When residents are present, they're given **full control over room temperature**. When they leave the room, Verdant thermostats enter 'setback mode,' allowing room temperatures to drift naturally.

Save up to 20% on energy costs without compromising guest comfort. Eligible for rebates in most states.

VATE01 - Wired (HP or AC)
VATE02 - Wireless (HP or AC)

Optimal Energy Savings

Optimizes settings in real time, to ensure you get the maximum energy savings possible.

Unrivaled Compatibility

Verdant thermostats are compatible with most PTACs, VTACs, split units and leading VRF brands.

Quick Payback

Achieve payback of just 12-18 months with Verdant smart thermostats.*

Our Accessories:



Occupancy Sensor
for accurate occupancy detection in multi-bedroom suites.



Temperature Sensor
for accurate temperature readings in multi-bedroom suites.



Door/Window Switch
disables air conditioning when balcony doors or windows are left open.

*Actual savings may vary according to utility cost, climate, available rebates, and other variables.
**Products not to scale



PACKAGED TERMINAL AIR CONDITIONER

For more than 25 years, Midea has been developing air conditioning systems focused on comfort, quality, efficiency and reliability—all with affordable pricing. With a strong focus on customer satisfaction and environmental responsibility, we are committed to bringing the highest quality products to commercial and residential establishments seeking comfort solutions that provide lasting value.

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download technical documents.

PHONE: 866-646-4332

Get technical support and information
regarding parts and service.