

OMEGA INVERTER TECHNOLOGY

INVERTER
TECHNOLOGY
EXPERT

Engineered to elevate efficiency and comfort
..... to the next level!

PTJA SERIES

Package Terminal Air Conditioner (Inverter PTAC)

Cooling Nominal: 9,600-15,200 BTU/h (2.81-4.54 kW)

Heating Nominal: 8,800-13,800 BTU/h (1.58-4.04 kW)

Product Features

- ✓ Up to 12 EER.
- ✓ R410a Refrigerant.
- ✓ Heat Pump.
- ✓ Electric Heater Available.
- ✓ DC Inverter Compressor.
- ✓ High Performance IPM.
- ✓ LCDI Power Cord.
- ✓ Manual Outside Air Vent Louver.
- ✓ Automatic 3-Minute Compressor Lockout.
- ✓ Random Restart Delay .
- ✓ Input Over Current Protection.
- ✓ Outdoor Unit Overload Protection (Cooling Mode).
- ✓ Evaporator Overload Protection (Heat Pump Mode).
- ✓ Temperature Sensor Fault Protection.
- ✓ Communication Fault Protection.
- ✓ DC-Bus Over Voltage/Under Voltage Protection.
- ✓ Intelligent Control CPU.



Optional Accessories

- ✓ Wall Sleeve Kit.
- ✓ Drainage Kit.
- ✓ Wired Controller.
- ✓ Power cord, with plug.
- ✓ Architectural Exterior Grille.
- ✓ Wireless Remote Controller.



OMEGA



OTEC
AIR CONDITIONING

A Product of
OMEGA
Environmental
Technologies LLC.

ISO 14001 ISO 9001

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Inverter Heat Pump Plus Electric Heater

PTJA INVERTER

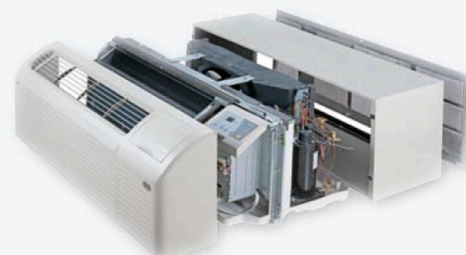
MODEL NO.	PTJA	009E2A-G2D028	012E2A-G2D035	015E2A-G2C042	
Cooling Capacity (AHR)	BTU/h (kW) @ 230V	9,600 (2.81)	12,200 (3.58)	15,200 (4.54)	
	BTU/h (kW) @ 208V	9,400 (2.75)	12,000 (3.52)	15,000 (4.40)	
	BTU/h (kW) Minimum	5,800 (1.70)	7,000 (2.05)	7,000 (2.05)	
	BTU/h (kW) Maximum	10,400 (3.05)	12,950 (3.80)	16,200 (4.75)	
Heating Capacity	BTU/h (kW) @ 230V	8,800 (2.58)	11,900 (3.49)	13,800 (4.04)	
	BTU/h (kW) @ 208V	8,500 (2.50)	11,800 (3.46)	13,600 (3.99)	
AHRI (EER)	BTU/h / W (W/W) @ 208V	11.7 (3.43)	11.5 (3.37)	10.8 (3.17)	
AHRI COP (W/W)		3.5	3.6	3.4	
Electric Heaters Available (kW)		2/3	2/3/5	2/3/5	
Coil Type	Hydrophilic Aluminum Blue Slit Fins				
Refrigerant Control	Capillary tube				
Indoor Fan	Type	Crossflow Blower			
	Speed	3			
	Motor (W)	55	66	66	
	Air Flow (Hi) CFM (m³/hr)	295 (500)	352 (600)	352 (600)	
Compressor Type	MITSUBISHI Rotary Inverter				
Electrical	Voltage	208V~230V/1/60Hz			
	Voltage Range min~max	160V~270V			
	Rated Current Amp	Cooling	3.9	5.4	7.0
		Heating	3.7	4.9	6.7
Power Input Watts	Cooling	820	1100	1420	
	Heating	765	1025	1390	
Noise Level	Indoor Side dBA (Hi/Lo)	43 / 35	44 / 36	44 / 36	
	Outdoor Side dBA (Hi)	66	66	66	
Controls	Built in Digital Controls with Wireless Remote Control (Optional)				
Refrigerant R410A Charge (oz)		26.8	33.5	33.5	
Dimensions inches (mm)	Height	24 (610)	24 (610)	24 (610)	
	Width	44 7/8 (1140)	44 7/8 (1140)	44 7/8 (1140)	
	Depth	18 7/8 (480)	18 7/8 (480)	18 7/8 (480)	
Plug Type (Amp)		15	15	15	
Net Weight lbs (kgs)		103.4 (47)	107.8 (49)	107.8 (49)	
Loading Quantity (W/Sleeve)	20 GP		72		
	40 GP		152		
	40 HC		190		

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Accessories(Optional):

- ✓ PAAG-G180 Decorative Aluminum Exterior Grille.
- ✓ PADK-G190 Drainage Kit.
- ✓ PAWS-G150 Separate Shipped Wall Sleeve.

Notes:

1. Nominal capacities are based in accordance with ARI Standard 380-93, air entering the indoor coil operating at high fan speed for 220V-240V setting, Cooling: 80/67 ° F (27/19° C) DB/WB indoor & 95° F (35° C) outdoor ambient temperature.
2. Standart wall sleeve 42" (1076mm) x 16" (406mm) x 14 7/8" (378mm) WxHxD.
3. Optional wall sleeve with depth 18", 24", 26" & 28" available.
4. For details of model number nomenclature, please refer to publication OMGNM-0121.



Wireless Controller
PAWC-G100 (Optional)



Wired Controller
PACC-G100 (Optional)

