Product Data Sheet

ProSpace™ Packaged Terminal Air Conditioner (PTAC)

AC/Heat Pump with Electric Heat

The ProSpace™ Packaged Terminal Air Conditioner and heat pump provides a high standard of quality in performance, workmanship, durability and appearance as it heats and cools the occupied air space year round. All models are designed for through-the-wall installation.

Features

- Available on board control block-off plate.
- Ultra efficient.
- Maximum temperature control.
- Auto-memory in the event of power lost.
- Quiet comfort for optimum noise reduction.
- Seacoast-coated coil protection.
- Versatile multi-mode operation.
- Multi-speed fan.
- Intelligent on-board computer for real-time diagnostics.
- Smart self-check.
- Quiet and efficient cooling.
- BTU range from 7,000 to 14,500.
- 208/230 volt or 265 volt.
- 24 hour ON/OFF timer.
- Trane-backed reliability.
- Automatic room freeze protection.
- Remote control and wall thermostat ready.
- 5-year warranty on parts.
- 5-year guaranteed unit replacement warranty on sealed system failures.

⚠ SAFETY WARNING

Only qualified personnel should install and service the equipment. The installation, starting up, and servicing of heating, ventilating, and air-conditioning equipment can be hazardous and requires specific knowledge and training. Improperly installed, adjusted or altered equipment by an unqualified person could result in death or serious injury. When working on the equipment, observe all precautions in the literature and on the tags, stickers, and labels that are attached to the equipment.

January 2016 **PTAC-PRD002A-EN**

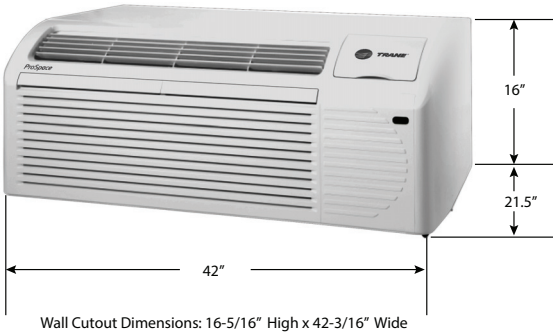
Unit Specifications

Performance	
BTU (Cool):	7,000; 9,000; 12,000;15,000
Style:	Air Conditioner and Heat Pump
Electric Heater:	Yes
Dehumidification (Pints Per Hour):	1.69 to 3.17
Energy Efficiency Ratio:	10.4 to 13.0
Electrical	
Volts:	208/230 and 265
Cord:	Not Included
Accessory Power Cord Length:	5.5 ft. (208/230V) and 18 in. (265V)
Features	
Electronic Controls:	Yes
Front Desk Control Ready:	Yes
Fan Speeds (Cool/Fan/Heat):	3/3/3
Noise Level Indoor (High/Low):	54/48 decibels
Quiet Startup:	Yes
Low Voltage Startup:	Yes
Random Restart Protection:	Yes
Automatic Freeze Protection:	Yes
Energy Saver:	Yes
24 Hour ON/OFF Timer:	Yes
Air Direction Control:	Auxiliary 2-Way
Air Intake:	Fresh or Recycled
Filter Type:	Nylon Mesh
Filter Access:	Slide-out Type
Fin Coating:	Seacoast
Slide-out Chassis:	Yes
Commercial Grade Warranty[a]	Yes, 5-year
Certifications	
Safety Certification:	UL Listed to U.S. and Canadian Safety Standards
Performance:	Rated in accordance with AHRI Standard 310/380 and with DOE test procedures.
Refrigerant and Weight	
Refrigerant:	R410A
Charge:	22.5 to 35.4 ounces
Approximate Shipping Weight:	128 lbs.

PTAC Nomenclature and Dimensions



- **Digit 1, 2; Product Family**
  - PT = Packaged Terminal Unit
- **Digit 3; Heating Methods**
  - E = Cooling with Electric Heat
  - H = Heat Pump with Electric Heat
- **Digit 4; Development Sequence**
  - F
- **Digit 5 through 7; Size and Cooling**
  - 070 = 7,000 Btu
  - 090 = 9,000 Btu
  - 120 = 12,000 Btu
  - 150 = 15,000 Btu
- Digit 8; Electrical Voltage
  - 1 = 208/230 Vac
  - 2 = 265 Vac
- **Digit 9; Electric Heat Size**
  - G = Maximum of 3.5 kW
  - H = Maximum of 5.0 kW
- **Digit 10, 11; Design Sequence**
  - AA = First
  - AB = Second



Wall Cutout Dimensions: 16-5/16″ High x 42-3/16″ Wide

Note: *Refer to the list of Resources for information about preparing and installing a wall sleeve.*

(a) A 5-year warranty on parts, a 5-year warranty on the sealed system, and a 1-year on full parts and labor.

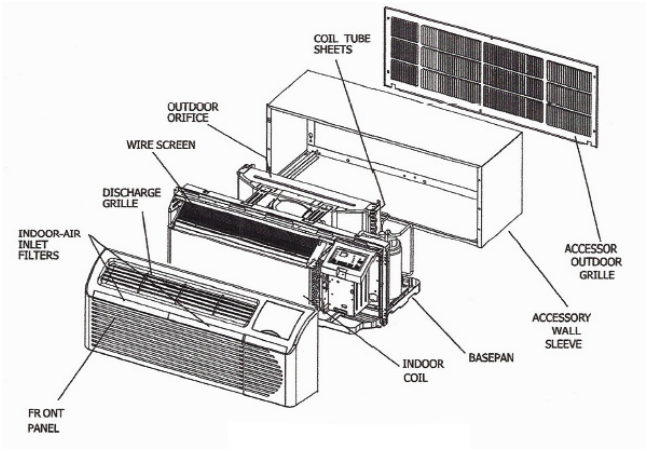
PTAC Specifications

Note: *Refer to the list of Resources for detailed information about the list of specifications.*

- An electrical supply with grounded 3-prong receptacle (optional accessory based on install).
- The power supply circuit is installed in accordance with current edition of NEC™ (ANSI/NFPA 70) and local codes and ordinances.

  Note: *Always consult local and national electric codes.*
- Voltage rating of 208V/230V or 265V, single phase.
- Unit requires a 208V/230V or 265V, 3-wire power supply cord, NEMA plug type 6-20P, approximately 66" long.

  Note: *Power cord sold separately.*
- Properly installed the wall sleeve to drain away condensate water from inside the unit.
- Wall sleeves recommended for proper installation on all new installations.
- Drain kit used for internal and external drain.
- Installation of a sub-base with leveling legs if the unit protrudes more than 4" (recommended).
- When replacing existing unit with new, identify the wall sleeve manufacturer and size compatibility. If there are difficulties with installation and slope, it is recommended to use PTAC wall sleeves.
- A good seal between the grille and the outdoor coil tube sheets is required for sleeve retrofit applications.
- Use the Trane wall sleeve with any non-Trane grille installations. This requires an accessory baffle kit to ensure a good seal and performance loss or premature component damage from air recirculation.



Electrical Cord Connection Specifications

Notes: *The 250 Vac field supplied outlet must match the plug for standard 208/230V units and be within reach of the service cord.*

Table 1. Electric Heater and Cord Information, PTEF07xxx and PTHF07xxx

Voltage:	**230 Vac[a]**		**265 Vac**	
Amps[b]:	15	20	15	20
Heater Size:	2.5 kW	3.5 kW	2.5 kW	3.5 kW
Plug Layout:				
NEMA Plug:	6-15P	6-20P	7-15P	7-20P
Cord #:	PWR00286	PWR00288	PWR00287	PWR00289

(a) The 250 Vac field supplied outlet must match the plug for standard 208/230V units and be within reach of the service cord.
(b) Do Not use 30 amp cord with size 07 units.

Table 2. Electric Heater and Cord Information, PTEF and PTHF Size 09, 12, and 15

Voltage:	**230 Vac**			**265 Vac**		
Amps:	15	20	30	15	20	30
Heater Size:	2.5 kW	3.5 kW	5.0 kW	2.5 kW	3.5 kW	5.0 kW
Plug Layout:						
NEMA Plug:	6-15P	6-20P	6-30P	7-15P	7-20P	7-30P
Cord #:	PWR00286	PWR00288	PWR00290	PWR00287	PWR00289	PWR00291

Air Conditioners with Electric Heat

Performance	Units	PTEF0701GAA	PTEF0702GAA	PTEF0901HAA	PTEF0902HAA	PTEF1201HAA	PTEF1202HAA	PTEF1501HAA	PTEF1502HAA
Trade Name:		ProSpace™	ProSpace™	ProSpace™	ProSpace™	ProSpace™	ProSpace™	ProSpace™	ProSpace™
Style/Function:		Cooling Only w/ Heaters	Cooling Only w/ Heaters	Cooling Only w/ Heaters	Cooling Only w/ Heaters	Cooling Only w/ Heaters	Cooling Only w/ Heaters	Cooling Only w/ Heaters	Cooling Only w/ Heaters
Cooling Capacity:	Btu/h	7,000/7,200	7,200	9,200/9,400	9,400	11,600/11,800	11,800	14,200/14,500	14,500
Electric Heat Power Input:	W	2,450/3,450	2,450/3,450	2,450/3,450/5,000	2,450/3,450/5,000	2,450/3,450/5,000	2,450/3,450/5,000	2,450/3,450/ 5,000	2,450/3,450/ 5,000
EER:	(Btu/h)/W	13.0	13.0	12.1	12.1	11.6/11.6	11.6	10.4/10.4	10.4
Dehumidifying Vol:	Pint/h	1.69	1.69	2.11	2.11	2.75	2.75	3.17	3.17
Application Area:	ft^2	108-172	108-172	129-194	129-194	172-258	172-258	226-334	226-334
Electrical									
Rated Voltage:	V~	208/230	265	208/230	265	208/230	265	208/230	265
Rated Frequency:	Hz	60	60	60	60	60	60	60	60
Phases:		1	1	1	1	1	1	1	1
Cooling Power Current:	A	2.9/2.7	2.4	3.9/3.7	3.3	5.1/4.9	4.2	6.7/6.2	5.4
Power Cord:		Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.
Features									
Sound Pressure Level (H/L):	dB (A)	50/48	50/48	52/50	52/50	53/50	53/50	54/51	54/51
Airflow Volume (H/L):	CFM	312/283	312/283	330/294	330/294	341/306	341/306	341/306	341/306
Warranty:		5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement
Specifications									
Dim of Package (L x W x H):	Inch	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19
Net Weight:	lb	106	106	115	115	119	119	120	120
Refrigerant:		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant Charge:	lb	1.4	1.4	1.5	1.5	2.2	2.2	2.2	2.2

Heat Pumps with Electric Heaters

Performance	Units	PTHF0701GAA	PTHF0702GAA	PTHF0901HAA	PTHF0902HAA	PTHF1201HAA	PTHF1202HAA	PTHF1501HAA	PTHF1502HAA
Trade Name:		ProSpace™	ProSpace™	ProSpace™	ProSpace™	ProSpace™	ProSpace™	ProSpace™	ProSpace™
Style/Function:		Heat Pump w/ Heaters	Heat Pump w/ Heaters	Heat Pump w/ Heaters	Heat Pump w/ Heaters	Heat Pump w/ Heaters	Heat Pump w/ Heaters	Heat Pump w/ Heaters	Heat Pump w/ Heaters
Cooling Capacity:	Btu/h	7,000/7,200	7,200	9.200/9,400	9,400	11,600/11,800	11,800	14,200/14,500	14,500
Heating Capacity:	Btu/h	5,800/6,000	6,000	8,100/8,300	8,300	10,400/10,600	10,600	13,000/13,300	13,300
Electric Heat Power Input:	W	2,450/3,450	2,450/3,450	2,450/3,450/ 5,000	2,450/3,450/ 5,000	2,450/3,450/ 5,000	2,450/3,450/5,000	2,450/3,450/ 5,000	2,450/3,450/ 5,000
EER:	(Btu/h)/W	13.0	13.0	12.1	12.1	11.6/11.6	11.6	10.4/10.4	10.4
Dehumidifying Vol:	Pint/h	1.69	1.69	2.11	2.11	2.75	2.75	3.17	3.17
Application Area:	ft^2	108-172	108-172	129-194	129-194	172-258	172-258	226-334	226-334
Electrical									
Rated Voltage:	V~	208/230	265	208/230	265	208/230	265	208/230	265
Rated Frequency:	Hz	60	60	60	60	60	60	60	60
Phases:		1	1	1	1	1	1	1	1
Cooling Power Current:	A	2.9/2.7	2.4	3.9/3.7	3.3	5.1/4.9	4.2	6.7/6/2	5.4
Heating Power Current:	A	2.6/2.4	2.2	3.4/3.2	3.1	4.7/4.2	3.7	6.7/6.2	5.0
Power Cord:		Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.	Refer to Table 1 and Table 2 above.
Features									
Sound Pressure Level (H/L):	dB (A)	50/48	50/48	52/50	52/50	53/50	53/50	54/51	54/51
Airflow Volume (H/L):	CFM	312/283	312/283	330/294	330/294	341/306	341/306	341/306	341/306
Warranty:		5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement	5-Year Parts/5-Year Sealed System Replacement
Specifications									
Dim of Package (L x W x H):	Inch	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19	45 x 25 x 19
Net Weight:	lb	112	112	119	119	121	121	123	123
Refrigerant:		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant Charge:	lb	2.1	2.1	2.1	2.1	2.2	2.2	2.4	2.4

ProSpace™ PTAC Submittal Sheet

Job:	**Reference:**	**Construction:**
Location:	**Approval:**	**Quote Number:**
Engineer:	**Date:**	**Drawing Number:**
Submitted To:	**Submitted By:**	**P.O. Number:**

Benefits	
• Intelligent on-board computer for real-time diagnostics.	• Smart self-check.
• Ultra efficient.	• Quiet and efficient cooling.
• Maximum temperature control.	• BTU range from 7,000 to 14,500.
• Auto-memory in the event of power lost.	• 208/230 volt or 265 volt.
• Quiet comfort for optimum noise reduction.	• 24 hour ON/OFF timer.
• Seacoast-coated protection.	• Trane-backed reliability.
• Versatile multi-mode operation.	• Remote control and wall thermostat ready.
• Multi-speed fan.	• 5-year warranty on parts.
• Automatic room freeze protection when powered.	• 5-year guaranteed unit replacement warranty on sealed system failures.
• Available on board control block-off plate.	

Performance	
BTU (Cool):	7,000; 9,000; 12,000;15,000
Style:	Air Conditioner with Heat Pump
Electric Heater:	Yes
Dehumidification (Pints Per Hour):	1.69 to 3.17
Energy Efficiency Ratio:	10.4 to 13.0

Electrical	
Volts:	208/230 or 265
Cord:	Not Included
Accessory Power Cord Length:	5.5 ft. (208/230V and 18" (265V)

Features	
Electronic Controls:	Yes
Front Desk Control Ready:	Yes
Fan Speeds (Cool/Fan/Heat):	3/3/3
Noise Level Indoor (High/Low):	54/48 decibels
Quiet Startup:	Yes
Low Voltage Startup:	Yes
Random Restart Protection:	Yes
Automatic Freeze Protection:	Yes
Energy Saver:	Yes
24 Hour ON/OFF Timer:	Yes
Air Direction Control:	Auxiliary 2-Way
Air Intake:	Fresh or Recycled
Filter Type:	Nylon Mesh
Filter Access:	Slide-out Type
Fin Coating:	Seacoast
Slide-out Chassis:	Yes
Commercial Grade Warranty:	Yes, 5-year

Certifications	
Safety Certification:	UL Listed to U.S. and Canadian Safety Standards
Performance:	Rated in accordance with AHRI Standard 310/380 and with DOE test procedures.

Refrigerant and Weight	
Refrigerant:	R410A
Charge:	22.5 to 35.4 ounces
Approximate Shipping Weight:	128 lbs.

Dimensions



Wall Cutout Dimensions: 16-5/16" High x 42-3/16" Wide

Resources

- *ProSpace Drain Kit Installation Instructions* (PTAC-SVN026)
- *ProSpace Wall Sleeve Installation Instructions* (PTAC-SVN028)
- *ProSpace Knock-down Wall Sleeve Installation Instructions* (PTAC-SVN029)
- *ProSpace Installation, Operation, and Maintenance Manual* (PTAC-SVX002)

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PTAC-PRD002A-EN 26 Jan 2016
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