

Specifications 230/208 Volt, 60 Hz Models

Specifications — Cooling Models								
PERFORMANCE DATA	PTCH0701UAC		PTCH0901UAC		PTCH1201UAC		PTCH1501UAC	
	208V	230V	208V	230V	208V	230V	208V	230V
Cooling Capacity(Btu/h)	7200	7400	8600	8800	11800	12000	13800	14000
EER	12.1		11.2		10.6		9.8	
Dehumidification Pts/Hr	2.1		2.6		3.1		4.1	
Indoor dB(A)	45/44		45/44		51/50		53/52	
Outdoor dB(A)	58		59		66		66	
R410a Charge (ounces)	24.0		22.4		29.1		26.6	
ELECTRICAL DATA								
Voltage Range Min/Max	197/253		197/253		197/253		197/253	
Amps*	2.7	2.9	3.6	3.9	4.8	5.1	6.4	6.9
INDOOR CFM DATA								
High Speed	260	290	260	290	320	350	365	400
Low Speed	235	266	235	266	293	323	330	360
Ventilation	70		70		80		80	
PHYSICAL DATA								
Dimensions	16 H x 42 W x 13 3/4 D		16 H x 42 W x 13 3/4 D		16 H x 42 W x 13 3/4 D		16 H x 42 W x 13 3/4 D	
Net / Shipping Weight (lb)	96 / 109		97 / 111		109 / 123		119 / 132	

Specifications — Heat Pump Models								
PERFORMANCE DATA	PTHH0701UAC		PTHH0901UAC		PTHH1201UAC		PTHH1501UAC	
	208V	230V	208V	230V	208V	230V	208V	230V
Cooling BTUH	7000	7200	8700	8900	11800	12000	13300	13600
EER	12.1		11.4		10.6		10.0	
Heating BTUH	6500	6700	7800	8000	10600	10800	12500	13000
COP	3.5		3.3		3.2		3.1	
Dehumidification Pts/Hr	21.0		2.6		3.1		4.1	
Indoor dB(A)	46/45		47/46		53/52		53/52	
Outdoor dB(A)	58		58		66		66	
R410a Charge (ounces)	29.5		30.7		35.1		31.0	
ELECTRICAL DATA								
Voltage Range Min/Max	197/253		197/253		197/253		197/253	
Amps(1)	2.9	2.7	3.8	3.6	5.3	4.9	6.8	6.2
INDOOR CFM DATA								
High Speed	260	290	260	290	320	350	365	400
Low Speed	235	266	235	266	293	323	330	360
Ventilation	70		70		80		80	
PHYSICAL DATA								
Dimensions	16 H x 42 W x 13 3/4 D		16 H x 42 W x 13 3/4 D		16 H x 42 W x 13 3/4 D		16 H x 42 W x 13 3/4 D	
Net / Shipping Weight (lb)	99 / 113		104 / 117		115 / 128		124 / 138	

Universal Electric Heater Specifications						
PERFORMANCE DATA	2 kW Heater		3 kW Heater		5 kW Heater(2)	
	208V	230V	208V	230V	208V	230V
Heating Capacity(Btu/h)	5500	6800	8200	10200	13700	17100
ELECTRICAL DATA						
Heating Amps	7.9	8.9	11.8	13.4	19.7	22.2
Heating Watts	1600	2000	2400	3000	4000	5000
Min Circuit Ampacity	11.4		17		28	
Circuit Breaker Size	15		20		30	
NEMA Receptacle Type	6-15R		6-20R		6-30R	
Power Cord Kit Req.	HAPCRD01		HAPCRD02		HAPCRD03	

(1) Use Electric Heat Data for maximum amp draw. (2) 5kW heater is not available on 7,000 BTU models

Power Receptacle Configurations			ACCESSORIES				
Unit Voltage Rating	230/208	230/208	230/208	Description	Part Number	Description	Part Number
Receptacle				LCDI Power Cord Kit 230 volt, 15 amp	HAPCRD01	Architectural Aluminum Rear Grille	HAAAGL01
				LCDI Power Cord Kit 230 volt, 20 amp	HAPCRD02	Stamped Aluminum Rear Grille - Single Pack	HASAGL01
				LCDI Power Cord Kit 230 volt, 30 amp	HAPCRD03	Stamped Aluminum Rear Grille - Ten Pack	HASAGL02
NEMA Designation	6-15R	6-20R	6-30R	Spare Filters - Ten Pack	HAFTR09	Leveling Leg	HALVLG01
Receptacle Amp Rating	15	20	30	Wall Sleeve	HAWSLV01	Drain Kit	HADRAN01
Power Cord Kit Required	HAPCRD01	HAPCRD02	HAPCRD03	Universal Subbase	HASUB01		

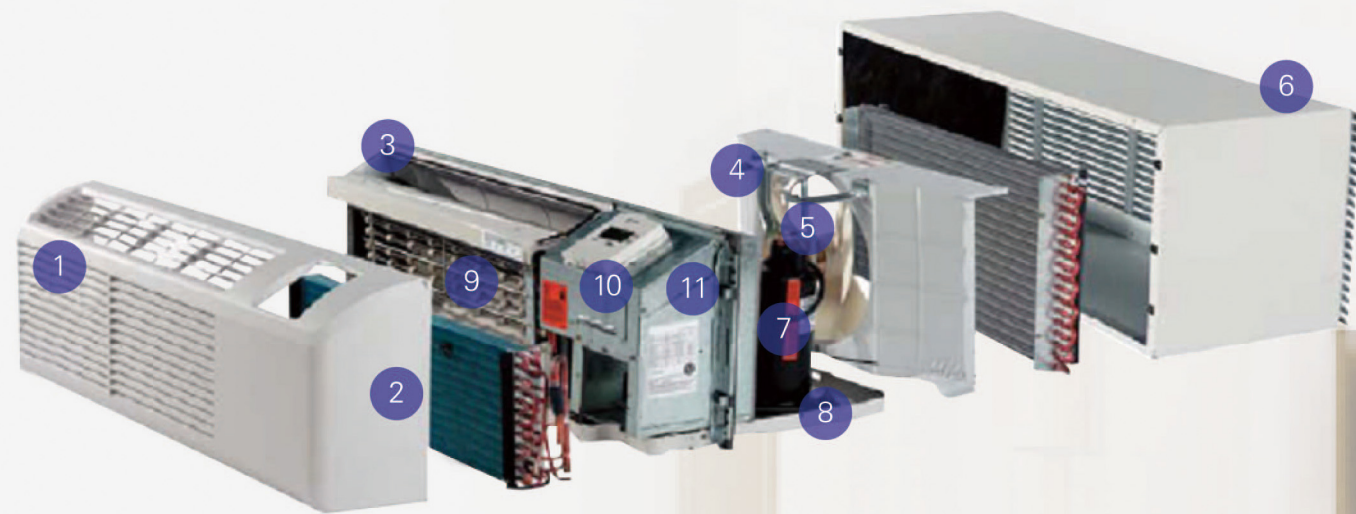
Notes: PTACs with universal heater are not individually equipped with a power cord, so one must be ordered separately based on the voltage and amperage of your electrical circuit and the heating capacity designed.



**Stylish
Super Quiet
Reliable
Energy Savings**

COMFORT YOU CAN COUNT ON

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- 1 More Clean Air: Easy access filters**
The nylon mesh filters slide directly out of the front panel and are completely washable for ease of maintenance.
- 2 Better Health: Highest volume fresh air**
Optional power vent door accessory. The vent control allows 70 to 80 cfm of fresh air to be drawn into the conditioned area.
- 3 More Comfort: Even distribution of air**
The indoor fan is a cylindrical crossflow blower to ensure an evenly distributed airflow and quiet operation.
- 4 Increased Efficiency: Fan blade slinger ring**
The outdoor fan consists of 5 molded plastic fan blades with slinger ring. The slinger ring removes condensate by diffusing the water directly onto the outdoor coil for rapid evaporation and increased cooling efficiency.
- 5 Reduced Noise: Twin fan motors**
Separate Condenser/Evaporator Fan Motors
Two direct-drive permanent split capacitor two-speed motors allow for separate fan operation to increase energy efficiency and reduce noise.
- 6 Better Insulated**
The wall sleeve is acoustically and thermally insulated for quietness and increased thermal efficiency.

- 7 Less Vibration**
The rotary compressor is mounted on rubber isolators to ensure minimal vibration and reduced operating noise.
- 8 Environmental Friendly**
The polycarbonate double-sloped drain pan allows for faster condensate removal to promote increased indoor air quality.
- 9 Universal Heater**
Universal heater kW is determined by the power cord selected.
- 10 Self Diagnostic**
The digital interface module has temperature LCD indicator lights versus warmer/cooler settings. This LCD is capable of displaying 8 diagnostics features:
Compressor Failure
Indoor Temperature – No Backup Available
Indoor Temperature – Unit Sensor Failure1
Indoor Temperature – Display Sensor Failure1
Indoor Coil Temperature Failure
Outdoor Temperature Failure
Outdoor Coil Temperature Failure
Configuration Corrupted
- 11 More Hi-Tech: Auto frost control/Anti-freeze**
Auto Frost Control removes ice build-up on the outdoor coil that may occur during the heat pump cycle.
Room freeze protection prevents internal room temperatures from reaching less than 40 degrees by energizing the electrical or hydronic heat.

Comfort and Luxury is what every guest desires and deserves. Haier has dedicated itself to making comfort and luxury a life style and affordable for many years. With quiet operation and artistic appearance, the Haier PTAC is designed to offer a more perfect living environment for guests around the world.

Features:

- Quiet Operation
- Energy Efficiency Up to 12.1 EER and 3.5 COP
- Energy Management Compatible with Door Switch and Occupancy Sensor
- Temperature Setpoint Limit
- Fan Speed Selection
- Remote Class 2 Thermostat Compatible
- Central Desk Control Compatible
- Field Commissioning Function
- Built In Self Diagnostics
- Room Freeze Protection
- Random Restart
- Compressor Restart Delay
- Universal 16"x 42" chassis fits all sleeves
- 1 year parts and 5 year compressor warranty

◆ Super Intelligent Control Board

Haier's Super Intelligent Control Board adopts powered CPU technology which provides the PTAC unit with multiple intelligent functions over the competition.



◆ Modern Designed Cabinet

Thanks to Haier's commitment and dedication, the front room cabinet panel is artistically and aesthetically pleasing for luxury hotels and other hospitality applications.
A sloped discharge design means no obstructions can be placed on the unit.
Convertible discharge grill design for discharge conditioned air being directed at 15 or 40 degrees from the vertical position.



◆ Permanent Cleanable Filter

The filter is made of permanent cleanable nylon mesh for easy removal and washing, and conveniently accessible without removing the front cover.



◆ Universal Heater

The PTAC Universal Heater is capable of 2kW,3kW or 5kW application, its universally sized equipment makes it available for quick delivery and easy maintenance.
The heater's size (kW) is determined by the type of power cord chosen for the unit. For more information see the Electric Heat Capacity table in the Performance Data section.



◆ Crossflow Indoor Fan

Crossflow Indoor Fan adopts an aluminum-alloy material for lifetime safety and reliability. It provides symmetrical and stable air flow for greater comfort than standard centrifugal fans.



◆ Separate Indoor and Outdoor Motors

The unit contains separate Indoor and Outdoor direct drive, two speed fan motors with permanent split capacitors providing quieter operation and increased energy efficiency.



◆ Multiple Thermal Switches for Safety Guard

Haier Universal Heater kit has 6 Thermal Switches installed above the heater element that feels the temperature and automatically prevents overheating, providing safety and comfort.



◆ Attractive Digital Thermostat Module

The Haier extra large easy-to-read thermostat display module is factory installed on the unit allowing guests to easily manage their temperature needs and can be easily converted to wall-mounted applications in the field.



◆ Outside Air Damper/Vent Control

The vent control allows 70 CFM (7000 and 9000 BTU models) or 80 CFM (12,000 and 15,000 BTU models) of fresh air to be drawn into the room when the indoor fan is operating. It passes 100,000 times switch test and permits 90 degree opening.



◆ Cooling Condensate Removal

The unit has a condensate removal system for high humidity conditions. The system includes a slinger ring which diffuses water directly on the outdoor condenser coil for rapid evaporation and increased cooling efficiency.
Unit(PTHP only) contains a temperature-actuated drain valve to remove condensate water.

