



## PTACs

### Packaged Terminal Air Conditioners



#### **SLEEK DESIGN & QUALITY PERFORMANCE FOR YOUR NEW CONSTRUCTION OR RETROFIT PROJECTS**

Our full range of Packaged Terminal Air Conditioners combine an Energy Efficiency Ratio (EER) as high as 13.1, AHRI certification and UL listing. With multiple heating and cooling temperature range options, facility owners can optimize user comfort while reducing energy consumption.



# Perfect Aire PTACs—one of the best overall values on the market—provide comfort, energy efficiency, convenience, and reliability.

## RELIABILITY

### COMPRESSOR RESTART DELAY

Extends overall compressor life by providing a minimum three-minute delay allowing equalization of refrigerant pressures and optimized cycling preventing compressor short-cycling

### AUTOMATIC EVAPORATOR FREEZE PROTECTION

To keep evaporator from freezing if evaporator temperature is too low, the compressor is automatically switched off and indoor fan is switched on—once evaporator temperature is normalized this function turns off

### HIGH TEMPERATURE PROTECTION IN HEATING OPERATION

If indoor temperatures are too high or there is an error in the indoor temperature sensor the compressor and (or) Electric Heat Assist will be switched off preventing damage

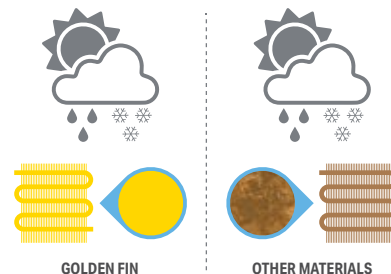
## ENERGY SAVING

### ATOMIZED CONDENSATE DISPERSION

Cooling efficiencies are increased through rapid evaporation as the fan blade throws water onto the outdoor condenser coil removing condensation

### GOLDEN FIN

Anticorrosive condenser coating withstands salty air, rain and other corrosive elements while improving heating efficiency by accelerating defrosting process



## COMFORT

### AUTOMATIC QUICK WARM-UP

*(Heat Pump Models Only)*

If the room temperature falls below the SET POINT temperature by approximately 8° F/ 4.5° C the reverse cycle heat is shut off and electric strip heat is turned on for one cycle until heating is within set point range

## CONVENIENCE

### MEMORY FUNCTION

If power is interrupted or lost during operation, all function settings at the time of power loss will be remembered and unit will return to previous settings when power is restored

## FEATURES

### LOW TEMPERATURE OPERATION

*(heat pump models only)*

Our newest heat pump models operate in temperatures as low as 25°F, ensuring better heating, improved comfort, and lower energy consumption.

### AUTO TEMPERATURE REGULATION

The internal thermostat monitors indoor temperature and will initiate heat mode if the temperature falls below 32°F in an unoccupied room.

### ELECTRONIC TEMPERATURE LIMITS

Adjust and set low/high temperature range limits for reduced energy usage.

### FRONT DESK RESERVED PORT

Allows building owners and superintendents to control units from a centralized location.

### 24V THERMOSTAT COMPATIBLE

Works with most 24V aftermarket wired wall thermostats.

## ADDITIONAL FEATURES

Sleek Design | Easy Operation | Energy Efficient | Quality Performance | Low Profile Footprint | Non-Ozone Depleting Refrigerants



MODEL NUMBER KEY (Example: 1PTC12A-5.0)					
3	PT	H or C	07, 09, 12, or 15	A	3.5 or 5.0
Generation 3	Packaged Terminal AC	Heat Pump or A/C	Btu Rating	Power Supply = 208/230V	kW (Electric Heat Assist)

## AIR CONDITIONER WITH ELECTRIC HEAT | 208/230V

		3PTC07A-HE-3.5	3PTC09A-HE-3.5	3PTC12A-HE-3.5	3PTC12A-HE-5.0	3PTC15A-HE-3.5	3PTC15A-HE-5.0
UPC		842149090142	842149091576	842149090159	842149090166	842149091484	842149090173
POWER SUPPLY (V, Hz, Ph)		208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	230/208V, 60Hz, 1Ph	230/208V, 60Hz, 1Ph
COOLING	CAPACITY (Btu/h)	7200/7000	9200/9000	12000/11800	12000/11800	14700/14500	14700/14500
	INPUT (W)	550/535	814/796	1121/1102	1121/1102	1390/1370	1390/1370
	CURRENT (A)	2.45/2.60	3.54/3.83	4.9/5.3	4.9/5.3	6.03/6.58	6.03/6.58
	EER (Btu/h) (W)	13.1	11.3	10.7	10.7	10.6	10.6
HEATING (PTC)	CAPACITY (Btu/H)	10900/8900	10900/8900	10900/8900	15000/12200	10900/8900	15000/12200
	INPUT (W)	3535.5/2897	3535.5/2897	3535/2900	4769/3953	3535/2900	4769/3953
	CURRENT (A)	15.3/13.7	15.3/13.7	15.3/13.7	22/19.7	15.3/13.7	22/19.7
MOISTURE REMOVAL (Pints/h)		0.63	1.18	2.90	2.90	4.55	4.55
INDOOR AIRFLOW (CFM) (Hi/Mi/Lo)		334/340/237	435/392/341	384/349/311	384/349/311	376/348/312	376/348/312
INDOOR NOISE LEVEL dB(A) (Hi/Mi/Lo)		51/50.8/50.6	50/48/47	52/51/50	52/51/50	51.4/50.5/50.1	51.4/50.5/50.1
OUTDOOR NOISE LEVEL dB(A) (Hi)		67	63	67	67	65.3	65.3
REFRIGERANT TYPE		R410A	R410A	R410A	R410A	R410A	R410A
COVERAGE AREA (sq. ft.)		250-300	350-400	450-550	450-550	550-700	550-700
MINIMUM CIRCUIT (A)		20	20	20	30	20	30

## HEAT PUMP WITH ELECTRIC HEAT | 208/230V

		3PTH07A-HE-3.5	3PTH09A-HE-3.5	3PTH12A-HE-3.5	3PTH12A-HE-5.0	3PTH15A-HE-3.5	3PTH15A-HE-5.0
UPC		842149090180	842149091583	842149091590	842149091606	842149091491	842149090197
POWER SUPPLY (V, Hz, Ph)		208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
COOLING	CAPACITY (Btu/h)	7200/6800	9000/8800	12000/11800	12000/11800	14700/14500	14700/14500
	INPUT (W)	550/535	796/778	1142/1124	1142/1124	1390/1370	1390/1370
	CURRENT (A)	2.42/2.60	3.46/3.75	5.0/5.4	5.0/5.4	6.03/6.58	6.03/6.58
	EER (Btu/h) (W)	13.1	11.4	10.5	10.5	10.6	10.6
HEATING (Heat Pump)	CAPACITY (Btu/H)	6200/6000	8100/7900	10800/10500	10800/10500	13500/13200	13500/13200
	INPUT (W)	505/490	700/680	990/963	990/963	1237/1209	1237/1209
	CURRENT (A)	2.22/2.38	3.04/3.28	4.3/4.6	4.3/4.6	5.38/5.82	5.38/5.82
	COP (W/W)	3.60	3.40	3.2	3.2	3.20	3.20
HEATING (PTC)	CAPACITY (Btu/H)	10900/8900	10900/8900	10900/8900	15000/12200	10900/8900	15000/12200
	INPUT (W)	3519/2850	3535.5/2897	3535/2900	4769/3953	3535/2900	4769/3953
	CURRENT (A)	15.30/13.70	15.3/13.7	15.3/13.7	22/19.7	15.3/13.7	22/19.7
MOISTURE REMOVAL (Pints/h)		0.70	1.14	2.81	2.81	4.29	4.29
INDOOR SIDE AIRFLOW (CFM) (Hi/Mi/Lo)		335/282/240	431/386/333	387/351/309	387/351/309	374/345/312	374/345/312
INDOOR SIDE NOISE LEVEL dB(A) (Hi/Mi/Lo)		51/49.2/49.2	50/48/47	52/51.5/51	52/51.5/51	53/52.5/52	53/52.5/52
OUTDOOR SIDE NOISE LEVEL dB(A) (Hi)		67	64	67	67	67	67
REFRIGERANT		R410A	R410A	R410A	R410A	R410A	R410A
COVERAGE AREA (sq. ft.)		250-300	350-400	450-500	450-500	550-700	550-700
MINIMUM CIRCUIT (A)		20	20	20	30	20	30

# ACCESSORIES

Customize the unit to fit your needs with any of these optional accessories.



**WALL SLEEVE (1PTWS-DK)**  
Installation and storage flexibility provided by two wall sleeve options—standard and foldable.



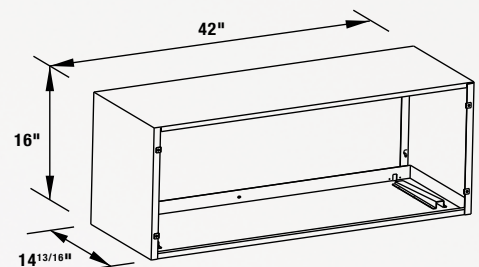
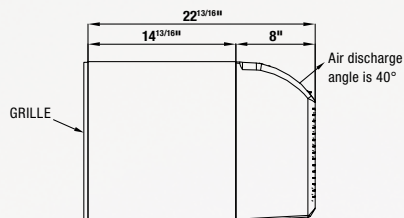
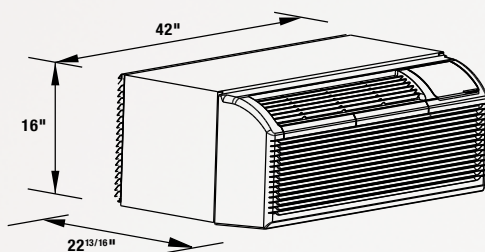
**EXTRUDED ARCHITECTURAL GRILLE**  
Bronze: 1PT-EXTG- BR  
Silver: 1PT-EXTG- SI  
Beige: 1PT-EXTG- BE



**STAMPED STEEL GRILLE (1PT-AG)**



**CONDENSATE DRAIN KIT**  
(Included with wall sleeve.)



UNIT DIMENSIONS	
UNIT (W×H×D) (in.)	42×16×21
UNIT WITH SLEEVE (W×H×D) (in.)	42×16×22 <sup>13/16</sup>
UNIT PACKING (W×H×D) (in.)	44 <sup>1/2</sup> ×19 <sup>1/2</sup> ×24 <sup>3/4</sup>



Find all our products online at [www.perfectaire.us](http://www.perfectaire.us)