



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

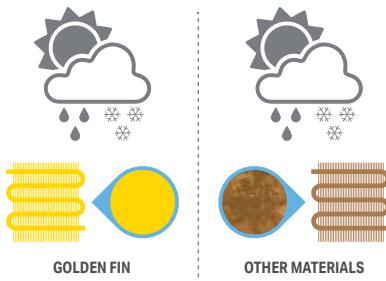
ENERGY SAVING

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) INPUT (W) CURRENT (A) EER (Btu/h) (W)	7200/7000 550/535 2.45/2.60 13.1	9200/9000 814/796 3.54/3.83 11.3	12000/11800 1121/1102 4.9/5.3 10.7	12000/11800 1121/1102 4.9/5.3 10.7	14700/14500 1390/1370 6.03/6.58 10.6
HEATING (PTC)	CAPACITY (Btu/H) INPUT (W) CURRENT (A)	10900/8900 3535.5/2897 15.3/13.7	10900/8900 3535.5/2897 15.3/13.7	10900/8900 3535/2900 15.3/13.7	15000/12200 4769/3953 22/19.7	10900/8900 3535/2900 15.3/13.7
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) INPUT (W) CURRENT (A) EER (Btu/h) (W)	7200/6800 550/535 2.42/2.60 13.1	9000/8800 796/778 3.46/3.75 11.4	12000/11800 1142/1124 5.0/5.4 10.5	12000/11800 1142/1124 5.0/5.4 10.5	14700/14500 1390/1370 6.03/6.58 10.6
HEATING (Heat Pump)	CAPACITY (Btu/H) INPUT (W) CURRENT (A) COP (W/W)	6200/6000 505/490 2.22/2.38 3.60	8100/7900 700/680 3.04/3.28 3.40	10800/10500 990/963 4.3/4.6 3.2	10800/10500 990/963 4.3/4.6 3.2	13500/13200 1237/1209 5.38/5.82 3.20
HEATING (PTC)	CAPACITY (Btu/H) INPUT (W) CURRENT (A)	10900/8900 3519/2850 15.30/13.70	10900/8900 3535.5/2897 15.3/13.7	10900/8900 3535/2900 15.3/13.7	15000/12200 4769/3953 22/19.7	10900/8900 3535/2900 15.3/13.7
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.



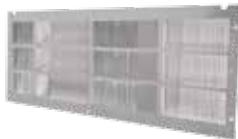
WALL SLEEVE (1PTWS-DK)

Installation and storage flexibility provided by two wall sleeve options—standard and foldable.



EXTRUDED ARCHITECTURAL GRILLE

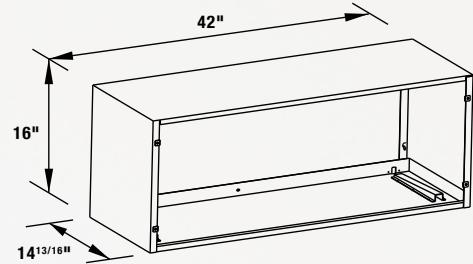
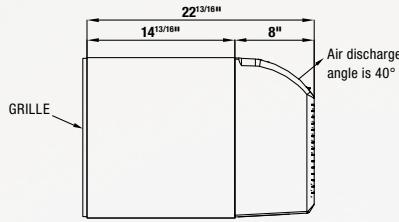
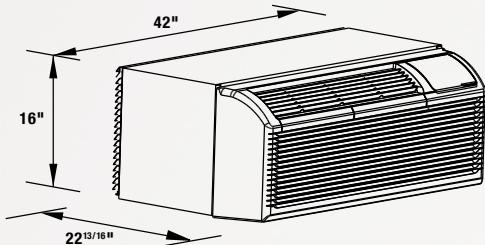
Bronze: 1PT-EXTG- BR
Silver: 1PT-EXTG- SI
Beige: 1PT-EXTG- BE



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 13/16
UNIT PACKING (W×H×D) (in.)	44 1/2×19 1/2×24 3/4



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