



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

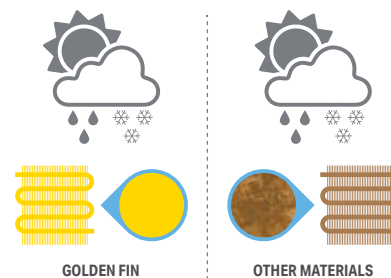
ENERGY SAVING

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: 4PTC12A-5.0)					
4	PT	H or C	07, 09, 12, or 15	A	3.5 or 5.0
Generation 4	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

		4PTC07A-HE-3.5	4PTC09A-HE-3.5	4PTC12A-HE-3.5	4PTC12A-HE-5.0	4PTC15A-HE-3.5	4PTC15A-HE-5.0
UPC		842149000677	842149000684	842149000691	842149000707	842149000714	842149000721
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)	7300/7200	9200/9000	12000/11800	12000/11800	14700/14500	14700/14500
	INPUT (W)	560/550	790/780	1080/1060	1080/1060	1390/1370	1390/1370
	CURRENT (A)	3.1/3.4	4.3/4.9	5.5/6.1	5.5/6.1	7.5/8.9	7.5/8.9
	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)	3500/2897	3500/2897	3500/2897	5000/4100	3500/2897	5000/4100
	CURRENT (A)	15.3/13.7	15.3/13.7	14.96/13.7	22.3/20.1	15.3/13.7	22.3/20.1
MOISTURE REMOVAL (Pints/h)		0.63	1.18	2.90	2.90	4.55	4.55
INDOOR AIRFLOW (CFM) (Hi/Lo)		345.88/284.71	430/342.35	431.18/348.24	431.18/348.24	430/349.41	430/349.41
INDOOR NOISE LEVEL dB(A) (Hi/Lo)		51/50.5	50/49.5	52/51.5	52/51.5	51/50.5	51/50.5
OUTDOOR NOISE LEVEL dB(A) (Hi)		67	63	67	67	65.3	65.3
REFRIGERANT TYPE		R32	R32	R32	R32	R32	R32
COVERAGE AREA (sq. ft.)		250-350	300-400	400-500	400-500	550-650	550-650
MINIMUM CIRCUIT (A)		20	20	20	30	20	30

HEAT PUMP WITH ELECTRIC HEAT | 208/230V

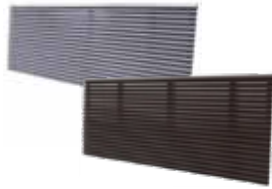
		4PTH07A-HE-3.5	4PTH09A-HE-3.5	4PTH12A-HE-3.5	4PTH12A-HE-5.0	4PTH15A-HE-3.5	4PTH15A-HE-5.0
UPC		842149000738	842149000745	842149000752	842149000769	842149000776	842149000783
POWER SUPPLY (V, Hz, Ph)		208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
COOLING	CAPACITY (Btu/h)	7200/7100	9300/9200	12000/11800	12000/11800	14700/14500	14700/14500
	INPUT (W)	550/540	820/810	1040/1020	1040/1020	1390/1370	1390/1370
	CURRENT (A)	3.0/3.3	4.2/4.6	5.3/5.8	5.3/5.8	6.5/7.4	6.5/7.4
	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)	480/460	720/690	890/850	890/850	1170/1120	1170/1120
	CURRENT (A)	2.6/2.7	3.9/4.3	5.0/5.3	5.0/5.3	6.0/6.4	6.0/6.4
	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)	3500/2897	3500/2897	3500/2897	5000/4100	3500/2897	5000/4100
	CURRENT (A)	15.3/13.7	15.3/13.7	15.3/13.7	22.3/20.1	15.3/13.7	22.3/20.1
MOISTURE REMOVAL (Pints/h)		0.70	1.14	2.81	2.81	4.29	4.29
INDOOR SIDE AIRFLOW (CFM) (Hi/Lo)		354.71/295.29	362.94/300	438.24/344.12	438.24/344.12	416.47/330	416.47/330
INDOOR SIDE NOISE LEVEL dB(A) (Hi/Lo)		51/50.5	50/49.5	52/51.5	52/51.5	53/52.5	53/52.5
OUTDOOR SIDE NOISE LEVEL dB(A) (Hi)		67	64	67	67	67	67
REFRIGERANT		R32	R32	R32	R32	R32	R32
COVERAGE AREA (sq. ft.)		250-350	300-400	400-500	400-500	600-700	600-700
MINIMUM CIRCUIT (A)		20	20	20	30	20	30

ACCESSORIES

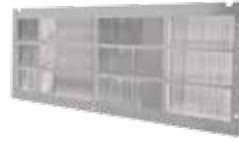
Customize the unit to fit your needs with any of these optional accessories.



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



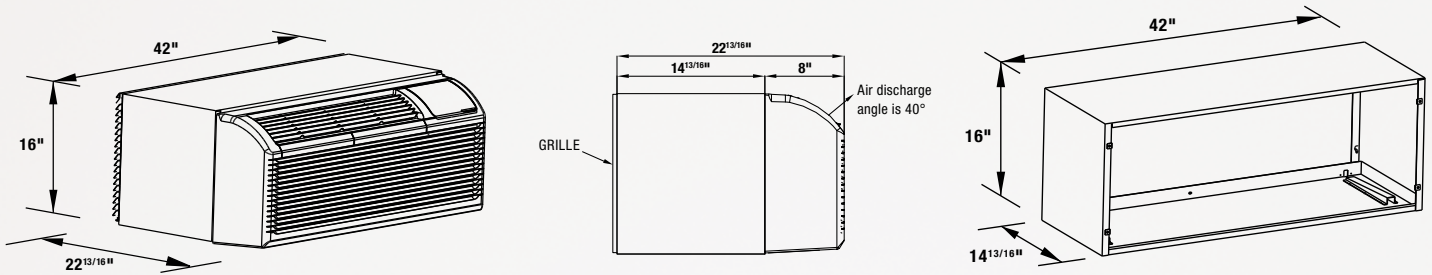
EXTRUDED ARCHITECTURAL GRILLE
Bronze: 1PT-EXTG- BR
Silver: 1PT-EXTG- SI



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 PACKAGING (W×H×D) (in.)	44 ^{1/2} ×19 ^{1/2} ×24 ^{3/4}



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