

Packaged Terminal Air Conditioners



FRIEDRICH

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ZoneAire[®] Series

Extraordinary quality at a value price.



ZoneAire® PTAC

Reliable performance and low sound. It begins with durable materials and the highest quality components.



Electric Heat

COOLING

7000-15000 Btu
Up to 12.2 EER

ELECTRIC HEAT

8000-17060 Btu

Heat Pump

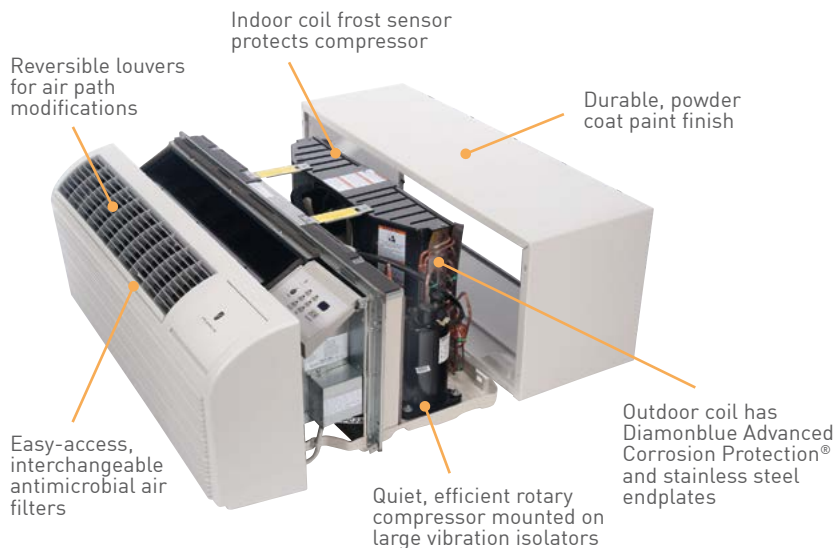
COOLING

7000-15000 Btu
Up to 12.2 EER

REVERSE HEAT

6000-15000 Btu
Up to 3.4 COP

Convenient modular design for easy access to key components



PDXWSA WALL SLEEVE

DIMENSIONS:

16" H x 42" W x 13 3/4" D

FRONT COVER DIMENSIONS:

16" H x 42" W x 7 3/4" D

CUT OUT DIMENSIONS:

16 1/4" x 42 1/4"

RECEPTACLES AND FUSE TYPES

Voltage	230V		265V
	20	30	20
Amps	20	30	20
Heater Size	3.0 kW	5.0 kW	3.0 kW
Receptacles			
NEMA# Receptacle	6-20R	6-30R	7-20R
NEMA# Plug	6-20P	6-30P	7-20P

IMPORTANT NOTE: Sleeves are sold and shipped separately to accommodate new construction and replacement requirements. Fits other PTAC sleeves without the added expense of a baffle kit.

FEATURES

Durable Construction

Stainless steel endplates reduce outdoor coil corrosion.

Galvanized zinc coated steel wall sleeve and steel base pan undergo an 11-step preparation process, are powder coated with a polyester finish and cured in an oven for exceptional durability.

Factory run-tested units reduce problems in the field.

Internal diagnostic program can alert maintenance to component failures or operating problems. Fourteen numeric service error codes stored in memory facilitate rapid unit diagnostics.

Easy access anti-microbial filters simplify maintenance and extend the life of the product.

Room freeze protection initiates heat if temperature falls to 40°F in an unoccupied room.

Random compressor restart protects electrical systems from overload when power is restored.

Tamper-resistant, anodized stamped aluminum grille withstands chalking and oxidation.

Break proof control door design maintains the integrity of the unit.

Indoor coil frost sensor protects the compressor to lengthen the life of the unit.

DiamonBlue Advanced Corrosion Protection® comes standard on all PTACs for long life in harsh coastal environments.



Warranty and Service

Warranty features 2 year full warranty on parts and labor and 5 year limited warranty.

Nationwide service network and U.S.-based Friedrich expert technical team ensures you get fast, knowledgeable service.

Energy Efficient & Energy Smart

Super-efficient refrigeration design with EERs up to 12.2 and COP up to 3.4.

Exceptional FriedrichLink® energy management thermostats available (wired & wireless) with integrated occupancy sensor, five distinct energy presets and comprehensive remote management capability.*

Energy efficient heat pump models available in our complete line.

Electronic defrost control ensures more run time in efficient heat pump mode.

Electronic temperature limiting to adjust low/high temperature range limits for reduced energy usage.

Slinger ring technology in condensate removal system cools the coil and increases efficiency.

Central desk control ready to allow hotel owners to control units from a central location.



See warranty documentation for full details.

* Energy management capability requires purchase of additional hardware and service fee.

Comfort, Health & IAQ

Dehumidification removes up to 3.2 pints/hour of moisture in cool mode to improve comfort and reduce the chance of mold and mildew growth.

Fresh air damper brings in fresh outside air when desired.

Intuitive unit controls are user friendly with easy-to-read LED display that can show either set-point or actual room temperature as selected by owner.

Anti-microbial air filters are easy to access and washable.

Instant Heat heat pump mode quickly heats a room to the desired temperature for increased comfort.

Even-heat monitoring checks room temperature and automatically adds heat boost if necessary.

Automatic periodic sampling of room temperature every nine minutes to ensure desired conditions are maintained.

Reversible indoor air louvers to easily change direction of airflow.

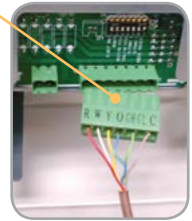
Ease of Maintenance & Installation

Modular product design ensures easy access to key components for cleaning and repairs, including washable, lift-out air filters.

Remote thermostat pop-out wiring module allows easier wiring and unit change out without rewiring thermostat.

Faultless Sure-hold front cover system securely attaches the front each time.

May be installed flush with the floor.



Sound Reduction Features

Two permanently lubricated fan motors for added durability and reduced sound levels indoors.

Quiet, efficient rotary compressor mounted with vibration isolators to keep the compressor running smoothly and quietly.

High-density insulation and steel inner wall block outdoor noise

Tangential blower wheel creates a wide path air flow that reaches the furthest corner of the guest room more quietly than conventional fans.



SPECIFICATIONS

PZE Series Cooling with Electric Heat Models ending in 'K' are 230/208V, models ending in 'R' are 265V

Model	PZE07K	PZE09K	PZE09R	PZE12K	PZE12R	PZE15K
PERFORMANCE DATA:						
Cooling Btu	7700/7600	9000/8800	9000	12000/11800	12000	15000/14600
Cooling Watts	640/620	800/770	800	1120/1120	1120	1530/1510
Energy Efficiency Ratio EER	12.0/12.2	11.3/11.4	11.3	10.7/10.5	10.7	9.8/9.7
Moisture Removal Pts./Hr.	1.7	2.2	2.2	2.7	2.7	3.2
Sensible Heat Ratio	0.84	0.81	0.81	0.67	0.67	0.65
ELECTRICAL DATA:						
Voltage (1 PHASE, 60 Hz)	230/208	230/208	265	230/208	265	230/208
Current Amps	2.8/3.0	3.7/3.9	3.7	5.1/5.3	4.8	6.7/7.5
Power Factor	0.97	0.99	0.99	0.99	0.99	0.99
Compressor LRA	19.0	17.0	18.0	27.0	23.0	32.6
Compressor RLA	2.8	3.7	2.9	5.0	4.3	6.6
Outdoor Fan Motor HP	0.024	0.029	0.029	0.031	0.031	0.031
AIRFLOW DATA:						
Indoor CFM, HIGH	345/315	360/345	360	360/350	360	385/375
Indoor CFM, MED	320/290	330/305	330	330/310	330	360/330
Indoor CFM, LOW	295/265	300/270	300	310/280	310	320/290
Vent CFM	75	75	75	75	75	75
PHYSICAL DATA:						
Sleeve Dimensions H x W x D	16"x42"x13 3/4"	16"x42"x13 3/4"	16"x42"x13 3/4"	16"x42"x13 3/4"	16"x42"x13 3/4"	16"x42"x13 3/4"
Dimensions with front H x W x D	16"x42"x21 1/2"	16"x42"x21 1/2"	16"x42"x21 1/2"	16"x42"x21 1/2"	16"x42"x21 1/2"	16"x42"x21 1/2"
Cut Out Dimensions H x W	16 1/4"x42 1/4"	16 1/4"x42 1/4"	16 1/4"x42 1/4"	16 1/4"x42 1/4"	16 1/4"x42 1/4"	16 1/4"x42 1/4"
Net Weight Lbs.	106	111	111	116	116	119
Shipping Weight Lbs.	126	131	131	136	136	139
R-410A Charge Oz.	23.63	33.51	33.51	35.27	35.98	38.10
Dimensions with Packaging	19.75"x23"x43.5" (all models)					

PZH Series Cooling with Heat Pumps Models ending in 'K' are 230/208V, models ending in 'R' are 265V

Model	PZH07K	PZH09K	PZH09R	PZH12K	PZH12R	PZH15K
PERFORMANCE DATA:						
Cooling Btu	7700/7600	9000/8800	9000	12000/11800	12000	14500/14200
Cooling Watts	640/620	800/770	800	1120/1120	1120	1480/1460
Energy Efficiency Ratio EER	12.0/12.2	11.3/11.4	11.3	10.7/10.5	10.7	9.8/9.7
Reverse Heating Btu	6300/6100	8100/7900	8100	10700/10500	10700	13300/13000
Heating Watts	540/530	720/770	720	1010/990	1010	1300/1270
COP	3.4/3.4	3.3/3.3	3.3	3.1/3.1	3.1	3.0/3.0
Moisture Removal Pts./Hr.	1.7	2.2	2.2	2.7	2.7	3.2
Sensible Heat Ratio	0.84	0.81	0.81	0.67	0.67	0.65
ELECTRICAL DATA:						
Voltage (1 PHASE, 60 Hz)	230/208	230/208	265	230/208	265	230/208
Current Amps	2.8/3.0	3.7/3.9	3.7	5.1/5.3	4.8	6.7/7.5
Reverse Heat Amps	2.4/2.5	3.4/3.8	3.4	4.5/4.7	4.5	5.8/6.2
Power Factor	0.97	0.99	0.99	0.99	0.99	0.98
Compressor LRA	19.0	18.5	19.0	27.0	23.0	36.0
Compressor RLA	2.8	3.6	3.2	5.0	4.3	6.5
Outdoor Fan Motor HP	0.024	0.029	0.029	0.031	0.031	0.031
AIRFLOW DATA:						
Indoor CFM, HIGH	345/315	360/345	360	360/350	360	420/390
Indoor CFM, MED	320/290	330/305	330	330/310	330	410/380
Indoor CFM, LOW	295/265	300/270	300	310/280	310	380/350
Vent CFM	75	75	75	75	75	75
PHYSICAL DATA:						
Sleeve Dimensions H x W x D	16"x42"x13 3/4"	16"x42"x13 3/4"	16"x42"x13 3/4"	16"x42"x13 3/4"	16"x42"x13 3/4"	16"x42"x13 3/4"
Dimensions with front H x W x D	16"x42"x21 1/2"	16"x42"x21 1/2"	16"x42"x21 1/2"	16"x42"x21 1/2"	16"x42"x21 1/2"	16"x42"x21 1/2"
Cut Out Dimensions H x W	16 1/4"x42 1/4"	16 1/4"x42 1/4"	16 1/4"x42 1/4"	16 1/4"x42 1/4"	16 1/4"x42 1/4"	16 1/4"x42 1/4"
Net Weight Lbs.	108	113	113	118	118	121
Shipping Weight Lbs.	128	133	133	138	138	141
R-410A Charge Oz.	23.63	33.51	35.27	35.27	35.98	39.86
Dimensions with Packaging	19.75" x 23" x 43.5" (all models)					

Operating range 0°-115°F.
 Due to continuing research in new energy-saving technology, specifications are subject to change without notice.
 Five-year warranty limited to installations in the United States, Puerto Rico, Mexico and Canada only.
 See warranty documentation for full details.



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