

ZONEAIRE® SERIES  
PTACs



**FRIEDRICH**  
1 8 8 3

# ZoneAire® SERIES

## Reliable performance and low sound, it begins with durable materials and the highest quality components

### DURABLE CONSTRUCTION

**Aluminum endplates** reduce corrosion of the outdoor coil.

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

**Factory run-tested units** reduce problems in the field.

**Internal diagnostic program** can alert maintenance to component failures or operating problems.

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

**Room freeze protection** initiates heat if the temperature falls to 50°F inside an unoccupied guest 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.

  
**DIAMONBLUE**  
Advanced Corrosion Protection®

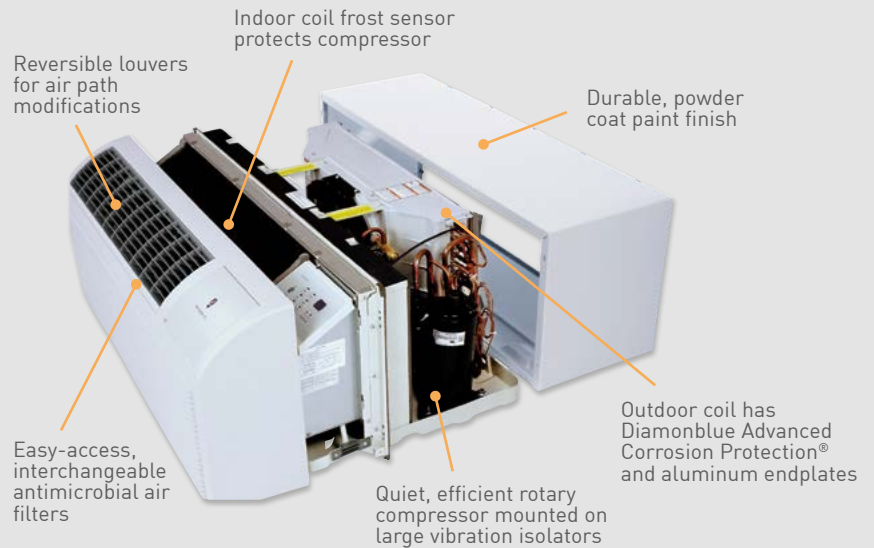


PDXWSA WALL SLEEVE  
DIMENSIONS:  
16" H x 42" W x 13 3/4" D

FRONT COVER DIMENSIONS:  
16" H x 42" W x 7 3/4" D

CUT OUT DIMENSIONS:  
16 1/4" x 42 1/4"

### ZoneAire PTAC utilizes a modular design that provides easy access to key components



#### IMPORTANT NOTE:

Sleeves are sold and shipped separately to accommodate new construction and replacement requirements.

Fits standard PTAC sleeves without the added expense of a baffle kit.

## ENERGY EFFICIENT & ENERGY SMART

**Super-efficient refrigeration design** with EERs up to 12.0 and COP up to 3.55.

**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.

## COMFORT, HEALTH & IAQ

**Dehumidification removes up to 3.0 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.

**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.

## WARRANTY AND SERVICE

**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.



See warranty documentation for full details.

## Electric Heat

### COOLING

6800-14500 Btu  
Up to 12.0 EER

## Heat Pump

### COOLING

6800-14500 Btu  
Up to 12.0 EER

### REVERSE HEAT

6300-13600 Btu  
Up to 3.55 COP



Large tangential blower

RECEPTACLES AND FUSE TYPES			
VOLTAGE	230V		265V
AMPS	20	30	20
HEATER SIZE	3.6 KW	5.0 KW	3.6 KW
RECEPTACLES			
NEMA# RECEPTACLE	6-20R	6-30R	7-20R
NEMA# PLUG	6-20P	6-30P	7-20P

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

# SPECIFICATIONS

## PZE Series with Electric Heat

Model	PZE07K3SB-A	PZE09K3SB-A	PZE09R3SB-A	PZE12K3SB-A	PZE12R3SB-A	PZE15K5SB-A
<b>PERFORMANCE DATA:</b>						
Cooling Btu	7200/6800	9600/9400	9200	12000/11800	12000	14500/14300
Cooling Watts	600/565	815/800	800	1050/1035	1130	1420/1400
Energy Efficient Ratio, EER	12.0	11.8/11.8	11.5	11.4/11.4	10.6	10.2/10.2
Heater Size (kW)	3.6	3.6	3.6	3.6	3.6	5.0
Moisture Removal (pints/hr.)	0.7	1.2	1.6	2.1	3.2	3.0
Sensible Heat Ratio	0.87	0.82	0.82	0.77	0.72	0.72
<b>ELECTRICAL DATA:</b>						
Voltage(1 PHASE, 60 Hz)	230/208	230/208	265	230/208	265	230/208
Volt Range	253-187	253-187	292-239	253-187	292-239	253-187
Current (Amps)	2.6/2.7	3.5/3.8	4.2	4.5/5.0	5.92	6.2/6.7
Power Factor	0.99	0.99	0.99	0.96	0.99	0.99
Compressor LRA	13.0	20.0	18.2	28.5	25.9	34.5
Compressor RLA	2.5	3.3	3.0	5.3	4.3	6.4
Outdoor Fan Motor, HP	0.07	0.07	0.1	0.07	0.1	0.09
<b>AIRFLOW DATA:</b>						
Indoor CFM, HIGH	335	400	400	470	470	470
Indoor CFM, LOW	250	250	290	360	360	360
Vent CFM	75	75	75	75	75	75
<b>PHYSICAL DATA:</b>						
Sleeve Dimensions (H x W x D)	16" x 42" x 13 3/4" (ALL MODELS)					
Dimensions with Front (H x W x D)	16" x 42" x 21 1/2" (ALL MODELS)					
Cut Out Dimensions (H x W x D)	16 1/4" x 42 1/4" (ALL MODELS)					
Net Weight (lbs.)	104	108	113	113	115	115
Shipping Weight (lbs.)	126	130	136	135	137	137
R-410A Charge (oz.)	30.0	32.1	31.4	30.7	30.0	34.2
Dimensions with Packaging (inches)	19" 3/4 x 43 1/2" x 23" (ALL MODELS)					

## PZH Series Heat Pump

Model	PZH07K3SB-A	PZH09K3SB-A	PZH09R3SB	PZH12K3SB-A	PZH12R3SB-A	PZH15K5SB-A
<b>PERFORMANCE DATA:</b>						
Cooling Btu	7200/6800	9600/9400	9200	12000/11800	12000	14500/14300
Cooling Watts	600/565	815/800	800	1050/1035	1130	1420/1400
Energy Efficient Ratio, EER	12.0/12.0	11.8/11.8	11.5	11.4/11.4	10.6	10.2/10.2
Reverse Heating Btu	6400/6300	8500/8200	8500	11000/10800	11400	13600/13200
Heating Watts	530/520	710/685	710	930/920	1000	1180/1150
COP	3.55/3.54	3.51/3.51	3.51	3.47/3.44	3.34	3.38/3.36
Moisture Removal (pints/hr.)	0.7	1.2	1.6	2.1	3.2	3.0
Sensible Heat Ratio	0.87	0.82	0.82	0.77	0.72	0.72
<b>ELECTRICAL DATA:</b>						
Voltage(1 PHASE, 60 Hz)	230/208	230/208	265	230/208	265	230/208
Volt Range	253-187	253-187	292-239	253-187	292-239	253-187
Current (Amps)	2.6/2.7	3.5/3.8	4.2	4.5/5.0	5.9	6.2/6.7
Reverse Heat. Amps	2.3/2.5	3.0/3.3	2.7	4.0/4.4	3.8	5.1/5.5
Power Factor	0.99	0.99	0.99	0.96	0.99	0.99
Compressor LRA	13.0	20.0	18.2	28.5	25.9	34.5
Compressor RLA	2.5	3.3	3.1	5.3	4.3	6.4
Outdoor Fan Motor, HP	0.07	0.07	0.1	0.07	0.1	0.09
<b>AIRFLOW DATA:</b>						
Indoor CFM, HIGH	335	400	400	470	470	470
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Vent CFM	75	75	75	75	75	75
<b>PHYSICAL DATA:</b>						
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Cut Out Dimensions (H x W x D)	16 1/4" x 42 1/4" (ALL MODELS)					
Net Weight (lbs.)	105	109	113	114	115	116
Shipping Weight (lbs.)	127	131	136	136	137	139
R-410A Charge (oz.)	30.0	32.1	31.4	30.7	30.0	34.2
Dimensions with Packaging (inches)	19" 3/4 x 43 1/2" x 23" (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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