Packaged Terminal Air Conditioners

FRIEDRICH
1883

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

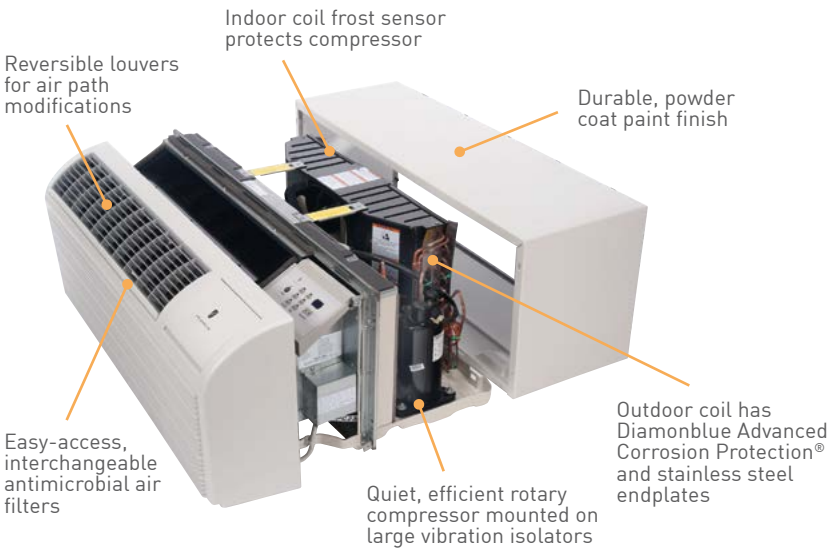
ELECTRIC HEAT
8000-17060 Btu

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
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.

DIAMONBLUE
Advanced Corrosion Protection®

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.

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.

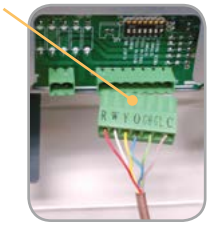
Ease of Maintenance & Installation

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.

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

ACCESSORIES

New Construction Accessories

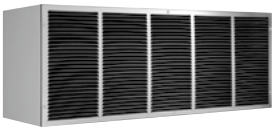
PDXWSA	WALL SLEEVE Galvanized zinc coated steel is prepared in an 11-step process, then powder coated with a polyester finish and cured in an oven for exceptional durability. The wall sleeve is insulated for sound absorption and thermal efficiency, 16" High x 42" Wide x 13 3/4" Deep.
PDXWSEXT18	DEEP WALL SLEEVE For walls up to 17 1/2" deep.
PDXWSEXT24	DEEP WALL SLEEVE For walls up to 23 1/2" deep.
PDXWSEXT	CUSTOM DEEP WALL SLEEVE One piece extended wall sleeve for walls from 13 1/4" to 25 1/2" deep are available by special order.

PDXWSA

Deep wall sleeve PDXWSEXT18 shown with weather panel

PXSE	SLEEVE EXTENSION RETROFIT KIT Galvanized zinc coated steel, 2 3/8" sleeve extension attached to the room side of the sleeve to allow for the installation of a PD-Series Friedrich PTAC in a T-Series sleeve.

PXGA	GRILLE Standard, stamped aluminium, anodized to resist chalking and oxidation.



PXGA

PXAA **PXBG** **PXSC**	ARCHITECTURAL GRILLES Consist of heavy-gauge 6063-T5 aluminum alloy: 42" W x 16" H x 1 1/8" D PXAA – Clear, extruded aluminum PXBG – Beige acrylic enamel PXSC – Also available in custom colors.

PXAA

PXDR10	CONDENSATE DRAIN KIT Attaches to the bottom of the wall sleeve for internal draining of condensate or to the rear wall sleeve flange for external draining. Recommended on all units to remove excess condensate. Packaged in quantities of ten.

PXCJA	CONDUIT KIT WITH JUNCTION BOX Hard wire conduit kit with junction box for 208/230V and 265V units (subbase not required). Kit includes a means of quick disconnect for easy removal of the chassis. *Required for 265V installations.

PXFTA	REPLACEMENT FILTER PACK These are original equipment return air filters. They are reusable and can be cleaned by vacuuming, washing, or blowing out, and are sold in convenient ten-packs. (Two filters per chassis).

PXPD230/ PXPD265	POWER FRESH AIR DOOR KIT
PXPV230/ PXPV265	POWER FRESH AIR VENT KIT

PXPD*/PXPV

*Fan not included in PXPD.

PXDS	SUBBASE DISCONNECT SWITCH

ACCESSORIES

New Construction Accessories

PDXDAA

LATERAL DUCT ADAPTER Attaches to the Friedrich PTAC/PTHP unit to direct up to 35% of the total airflow to a second room. The unit-mounted duct plenum features a front-mounted aluminum grille that has two positions to provide the most optimal air direction. The air may be directed to either the left or the right of the unit through the supplied 3 1/2 H" x 7 W" x 47" L plenum. Plenum may be cut to length by the installer. Kit includes duct plenum, front grille, 47" duct extension, duct discharge grille, duct end cap and all necessary mounting hardware.

PDXDEA

LATERAL DUCT EXTENSION Additional 3 1/2 H" x 7" W x 47" L plenum for use with the LATERAL DUCT ADAPTER. A maximum of 3 duct extensions total may be used. Note: Ducted airflow is reduced as duct length is increased.

PXSBA

DECORATIVE SUBBASE Provides unit support for walls less than six inches thick. Includes leveling legs, side filler panels and mounting brackets for electrical accessories. Accepts circuit breaker, power disconnect switch, or conduit kit.

PXSB

ELECTRICAL SUBBASE Provides unit support for walls less than six inches thick. Includes leveling legs, side filler panels, mounting brackets, a plug-in receptacle and field-wiring access. The subbase also includes electrical knockouts for a power disconnect switch or circuit breaker.

PXSB23020	Electrical Subbase - 230V 20A
PXSB23030	Electrical Subbase - 230V 30A
PXSB26515	Electrical Subbase - 265V 15A
PXSB26520	Electrical Subbase - 265V 20A
PXSB26530	Electrical Subbase - 265V 30A

RT6

DIGITAL REMOTE THERMOSTAT Single stage cool, single stage heat for PDE models or single stage cool, dual stage heat for PDH model thermostat features high/low fan speed switch. Thermostat is hard wired and can be battery powered or unit powered. Features backlit display and multiple configuration modes. For use on PD Series Friedrich PTACs and Vert-I-Paks.

WRT1

WIRELESS DIGITAL REMOTE THERMOSTAT Single stage cool, single stage heat for PDE models or single stage cool, dual stage heat for PDH model thermostat features high/low fan speed switch. Thermostat is wireless and is battery powered. Features backlit display and multiple configuration modes. For use on PD Series Friedrich PTACs and Vert-I-Paks.

PDXRTA

REMOTE THERMOSTAT ESCUTCHEON KIT This kit contains ten escutcheons that can be placed over the factory control buttons when a remote wall mounted thermostat is used. The escutcheon directs the guest to the wall thermostat for operation and retains the LED window to display error codes and diagnostic information.

EMRT1
EMWRT1

ENERGY MANAGEMENT THERMOSTATS

EMRT1
Wired thermostat with occupancy sensor.

EMWRT1
Wireless thermostat with occupancy sensor.

EMOCT
Online connection kit.

EMRAF
Remote access fee.

EMRHCF
Remote humidity control fee.

FRIEDRICH

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.

AHRI CERTIFIED www.ahridirectory.org Packaged Terminal HP AHRI Standard 310/380

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AHRI CERTIFIED www.ahridirectory.org Packaged Terminal AC AHRI Standard 310/380

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