Friedrich®

WallMaster® Product Profile

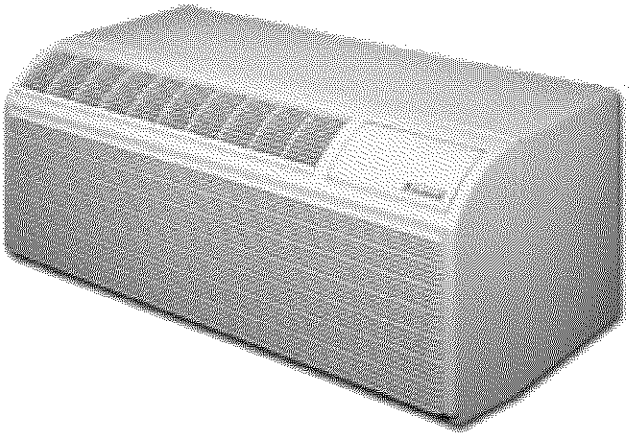
Packaged Terminal Air Conditioners and Heat Pumps

7,000 / 9,000 / 12,000 / 15,000 Btu/h

The All-new WallMaster® is a perfect fit for:

New construction in hotels/motels, medical facilities, assisted living centers, apartments/condos, office suites, dormitories and remodels.

The New WallMaster® retrofits into existing 16" x 42" sleeves more easily than other manufacturers' PTACs.



Standard Features

- Ultrahigh efficiency– up to 12.2 EER.
- Unique component mounting and isolation provide ultraquiet operation and vibration dampening.
- Large well-spaced control panel with universal markings and non-removable controls
- Attractive front cover and tamper resistant contoured discharge grille blend with any decor.
- Quiet and efficient rotary compressor mounted on vibration isolators, with internal high temperature overload protection.
- Built-in damper allows up to 70 CFM of fresh air.
- Convenient top-mounted return air filters feature an anti-microbial treatment for protection against fungal and bacterial growth.
- Available in heat pump or electric heat.
- Front cover fastens to chassis with thumbscrews hidden from user.
- Emergency heat compressor override switch on all heat pumps.
- Single, totally enclosed "clam shell" motor design protects against premature failure.
- Optional seacoast protection for harsh coastal environments.
- Complete line of accessories.
- Remote thermostat control units are available.
- Units are rated in accordance with ARI Standard 310/380.
- Manufactured in the U.S.A.

PE Series Chassis Specifications

	PE07K	PE07R	PE09K	PE09R	PE12K	PE12R	PE15K	PE15R
PERFORMANCE DATA								
Cooling BTUh	7500/7300	7500	9200/9000	9200	12000/11800	12000	15000/14800	15000
Power (Watts)	615/598	615	814/796	814	1121/1103	1121	1579/1578	1579
EER	12.2	12.2	11.3	11.3	10.7	10.7	9.5	9.5
Dehumidification	2.1	2.1	2.7	2.7	3.8	3.8	5.5	5.5
Sensible Heat Ratio	0.76	0.76	0.75	0.75	0.72	0.72	0.72	0.72
ELECTRICAL DATA								
Voltage (1 Phase, 60 Hz)	230/208	265	230/208	265	230/208	265	230/208	265
Volt Range	253-198	292-239	253-198	292-239	253-198	292-239	253-198	292-239
Current (Amps)	3.0	3.0	3.9	3.9	5.1	5.1	6.6	6.6
Power Factor	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Amps L.R.	18	18	22.2	22.2	26.3	26.3	38	38
Amps F.L.	3	3	3.9	3.9	5.1	5.1	6.8	6.8
Horsepower	1/15	1/15	1/12	1/12	1/10	1/10	1/10	1/10
AIRFLOW DATA								
Indoor CFM, High	250	250	300	300	325	325	350	350
Indoor CFM, Low	200	200	240	240	260	260	280	280
Vent CFM	60	60	60	60	70	70	70	70
PHYSICAL DATA								
Dimensions	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5
Net Weight	105	105	112	112	120	120	125	125
Shipping Weight	123	123	130	130	138	138	143	143
R-22 Charge	27	27	32	32	31	31	34	34

PH Series Chassis Specifications

	PH07K	PH07R	PH09K	PH09R	PH12K	PH12R	PH15K	PH15R
PERFORMANCE DATA:								
Cooling BTUh	7200/7000	7200	9100/8900	9100	12000/11800	12000	14700/14500	14700
Power (Watts) Cool	595/579	595	805/788	805	1143/1124	1143	1581/1559	1581
EER	12.1	12.1	11.3	11.3	10.5	10.5	9.3	9.3
Reverse Heating BTUh	6400/6200	6400	8100/7900	8100	10800/10600	10800	13500/13300	13500
Power (Watts) Heat	568/550	568	742/723	742	1021/1002	1021	1413/1392	1413
COP	3.3	3.3	3.2	3.2	3.1	3.1	2.8	2.8
Dehumidification	2.1	2.1	2.7	2.7	3.8	3.8	5.5	5.5
Sensible Heat Ratio	0.76	0.76	0.75	0.75	0.72	0.72	0.72	0.72
ELECTRICAL DATA:								
Voltage (1 Phase, 60 Hz)	230/208	265	230/208	265	230/208	265	230/208	265
Volt Range	253-198	292-239	253-198	292-239	253-198	292-239	253-198	292-239
Current (Amps)	3.0	3.0	3.9	3.9	5.1	5.1	6.6	6.6
Reverse Heat. Amps	2.6	2.6	3.2	3.2	4.3	4.3	5.8	5.8
Power Factor	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Amps L.R.	18	18	22.2	22.2	26.3	26.3	38	38
Amps F.L.	3	3	3.9	3.9	5.1	5.1	6.8	6.8
Horsepower	1/15.	1/15.	1/12.	1/12.	1/10.	1/10.	1/10.	1/10.
AIRFLOW DATA:								
Indoor CFM, High	250	250	300	300	325	325	350	350
Indoor CFM, Low	200	200	240	240	260	260	280	280
Vent CFM	60	60	60	60	70	70	70	70
PHYSICAL DATA:								
Dimensions	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5
Net Weight	105	105	112	112	120	120	125	125
Shipping Weight	123	123	130	130	138	138	143	143
R-22 Charge	27	27	30	30	28	28	41	41

250 V Receptacles and Fuse Types			
AMPS	**15**	**20**	**30**
HEATER SIZE	**0, 2.5 kW**	**3.4 kW**	**5.0 kW**
RECEPTACLE			

MADE IN THE USA
It matters!

PE - Extended Cooling Performance

		OUTDOOR DRY BULB TEMP. (DEGREES F AT 40% R.H.)														
		75			85			95			105			110		
		INDOOR WET BULB TEMP. (DEGREES F AT 80 F D.B.)														
		72	67	62	72	67	62	72	67	62	72	67	62	72	67	62
PE07	BTUh	8820	8483	7853	8400	7920	7305	8070	**7500**	6638	7560	6713	5918	6728	5790	5115
	WATTS	502	510	515	547	552	559	615	**615**	615	665	664	666	725	725	728
	AMPS	2.5	2.5	2.5	2.7	2.7	2.7	3	**3.00**	3	3.2	3.2	3.2	3.5	3.5	3.5
	SHR	0.52	0.71	0.95	0.53	0.73	0.97	0.53	**0.76**	0.98	0.55	0.8	0.98	0.57	0.86	0.97
PE09	BTUh	10819	10405	9632	10304	9715	8961	9899	**9200**	8142	9274	8234	7259	8252	7102	6274
	WATTS	664	675	682	724	731	740	814	**814**	814	880	879	882	960	960	964
	AMPS	3.2	3.2	3.3	3.5	3.5	3.5	3.9	**3.90**	3.9	4.2	4.2	4.2	4.6	4.6	4.6
	SHR	0.51	0.7	0.94	0.52	0.72	0.96	0.53	**0.75**	0.96	0.54	0.79	0.97	0.57	0.84	0.96
PE12	BTUh	14112	13572	12564	13440	12672	11688	12912	**12000**	10620	12096	10740	9468	10764	9264	8184
	WATTS	915	929	939	997	1007	1019	1121	**1121**	1121	1212	1211	1214	1322	1322	1327
	AMPS	4.2	4.2	4.3	4.5	4.6	4.6	5.1	**5.10**	5.1	5.5	5.5	5.5	6	6	6
	SHR	0.49	0.67	0.9	0.5	0.7	0.92	0.51	**0.72**	0.92	0.52	0.76	0.93	0.54	0.81	0.92
PE15	BTUh	17640	16965	15705	16800	15840	14610	16140	**15000**	13275	15120	13425	11835	13455	11580	10230
	WATTS	1288	1309	1323	1404	1418	1435	1579	**1579**	1579	1707	1705	1710	1862	1862	1870
	AMPS	5.5	5.5	5.6	5.9	5.9	5.9	6.6	**6.60**	6.6	7.1	7.1	7.1	7.7	7.7	7.8
	SHR	0.51	0.7	0.94	0.52	0.72	0.96	0.53	**0.75**	0.96	0.54	0.79	0.97	0.57	0.84	0.96

RATING POINT ARI 310/380

PH - Extended Cooling Performance

		OUTDOOR DRY BULB TEMP. (DEGREES F AT 40% R.H.)														
		75			85			95			105			110		
		INDOOR WET BULB TEMP. (DEGREES F AT 80 F D.B.)														
		72	67	62	72	67	62	72	67	62	72	67	62	72	67	62
PH07	BTUh	8467	8143	7538	8064	7603	7013	7747	**7200**	6372	7258	6444	5681	6458	5558	4910
	WATTS	486	493	499	529	534	541	595	**595**	595	643	643	644	702	702	704
	AMPS	2.5	2.5	2.5	2.7	2.7	2.7	3	**3.00**	3	3.2	3.2	3.2	3.5	3.5	3.5
	SHR	0.52	0.71	0.95	0.53	0.73	0.97	0.53	**0.76**	0.98	0.55	0.8	0.98	0.57	0.86	0.97
PH09	BTUh	10702	10292	9528	10192	9610	8863	9792	**9100**	8054	9173	8145	7180	8163	7025	6206
	WATTS	657	667	675	716	723	732	805	**805**	805	870	869	872	949	949	953
	AMPS	3.2	3.2	3.3	3.5	3.5	3.5	3.9	**3.90**	3.9	4.2	4.2	4.2	4.6	4.6	4.6
	SHR	0.51	0.7	0.94	0.52	0.72	0.96	0.53	**0.75**	0.96	0.54	0.79	0.97	0.57	0.84	0.96
PH12	BTUh	14112	13572	12564	13440	12672	11688	12912	**12000**	10620	12096	10740	9468	10764	9264	8184
	WATTS	933	948	958	1016	1026	1039	1143	**1143**	1143	1236	1234	1238	1348	1348	1353
	AMPS	4.2	4.2	4.3	4.5	4.6	4.6	5.1	**5.10**	5.1	5.5	5.5	5.5	6	6	6
	SHR	0.49	0.67	0.9	0.5	0.7	0.92	0.51	**0.72**	0.92	0.52	0.76	0.93	0.54	0.81	0.92
PH15	BTUh	17287	16626	15391	16464	15523	14318	15817	**14700**	13010	14818	13157	11598	13186	11348	10025
	WATTS	1290	1311	1325	1406	1420	1437	1581	**1581**	1581	1709	1707	1712	1864	1864	1872
	AMPS	5.5	5.5	5.6	5.9	5.9	5.9	6.6	**6.6**	6.6	7.1	7.1	7.1	7.7	7.7	7.8
	SHR	0.51	0.7	0.94	0.52	0.72	0.96	0.53	**0.75**	0.96	0.54	0.79	0.97	0.57	0.84	0.96

RATING POINT ARI 310/380

Extended Heating Performance

		OUTDOOR DRY BULB TEMP. (DEGREES F)				
		37	42	47	52	57
PH07	BTUh	5366	5663	**6440**	7053	7789
	WATTS	536	545	**568**	577	610
	AMPS	2.5	2.6	**2.6**	2.7	2.8
PH09	BTUh	6005	6399	**8100**	8647	9245
	WATTS	666	676	**742**	747	757
	AMPS	3.1	3.1	**3.2**	3.2	3.3
PH12	BTUh	7799	8611	**10800**	11383	12349
	WATTS	893	927	**1021**	1051	1085
	AMPS	3.8	3.9	**4.3**	4.5	4.7
PH15*B	BTUh	10688	11013	**13500**	14769	16180
	WATTS	1301	1318	**1413**	1497	1564
	AMPS	5.3	5.4	**5.8**	6.1	6.3

RATING POINT ARI 310/380

Electric Heat Data, PE/PH 07/09K/R

	PE/PH07K		PE/PH07R		PE/PH09K			PE/PH09R		
Heater Watts	2500/2050	3400/2780	2500	3400	2500/2050	3400/2780	5000/4090	2500	3400	5000
Voltage	230/208		265		230/208			265		
Heating BTU/h	8500/7000	11600/9500	8500	11600	8500/7000	11600/9500	17000/13900	8500	11600	17000
Heating Power (Watts)	2600/2150	3500/2880	2590	3490	2600/2150	3500/2880	5210/4300	2590	3490	5210
Heating Current (Amps)	11.4/10.4	15.3/13.9	9.8	13.2	11.4/10.4	15.3/13.9	22.3/20.3	9.8	13.2	19.5
Minimum Circuit Ampacity	14.1	19	12.2	16.4	14.1	19	27.8	12.2	16.4	24.2
Branch Circuit Fuse (Amps)	15	20	15	20	15	20	30	15	20	30
Nema Plug Face	6-15	6-20	N/A		6-15	6-20	6-30	N/A		

Electric Heat Data, PE/PH 12/15K/R

	PE/PH12K			PE/PH12R			PE/PH15K			PE/PH15R		
Heater Watts	2500/2050	3400/2780	5000/4090	2500	3400	5000	2500/2050	3400/2780	5000/4090	2500	3400	5000
Voltage	230/208			265			230/208			265		
Heating BTU/h	8500/7000	11600/9500	17000/13900	8500	11600	17000	8500/7000	11600/9500	17000/13900	8500	11600	17000
Heating Power (Watts)	2600/2150	3500/2880	5210/4300	2590	3490	5210	2600/2150	3500/2880	5210/4300	2590	3490	5210
Heating Current (Amps)	11.4/10.4	15.3/13.9	22.3/20.3	9.8	13.2	19.5	11.4/10.4	15.3/13.9	22.3/20.3	9.8	13.2	19.5
Minimum Circuit Ampacity	14.1	19	27.8	12.2	16.4	24.2	14.1	19	27.8	12.2	16.4	24.2
Branch Circuit Fuse (Amps)	15	20	30	15	20	30	15	20	30	15	20	30
Nema Plug Face	6-15	6-20	6-30	N/A			6-15	6-20	6-30	N/A		

WallMaster® PTAC/PTHP Model Identification Guide

P H 07 K 3 S A 1

Series
P = Packaged Terminal Unit

System
X = Accessory
E = Cooling with or without electric heat
H = Heat Pump with Auxiliary Heat

Nominal Cooling Capacity
07 = 7,000 Btuh
09 = 9,000 Btuh
12 = 12,000 Btuh
15 = 15,000 Btuh

Engineering Digit

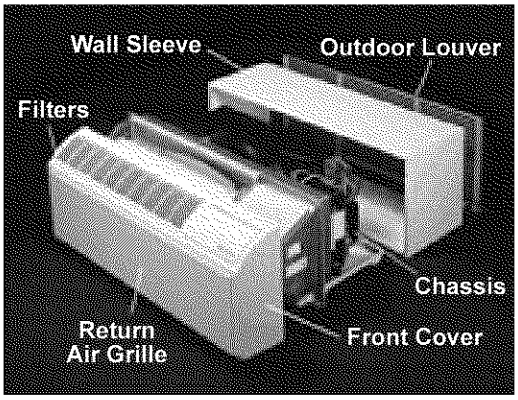
Design Series

Options
S = Standard
R = Remote Thermostat
C = Seacoast Protection
X = Remote Thermostat and Seacoast Protection

Nominal Heater Size (@ 230V or 265V)
0 = No Heater 3 = 3.4 KW
2 = 2.5 KW 5 = 5.0 KW

Voltage
K = 230/208V - 1Ph. - 60 Hz.
R = 265V - 1Ph. - 60 Hz.

Typical Unit Components and Dimensions

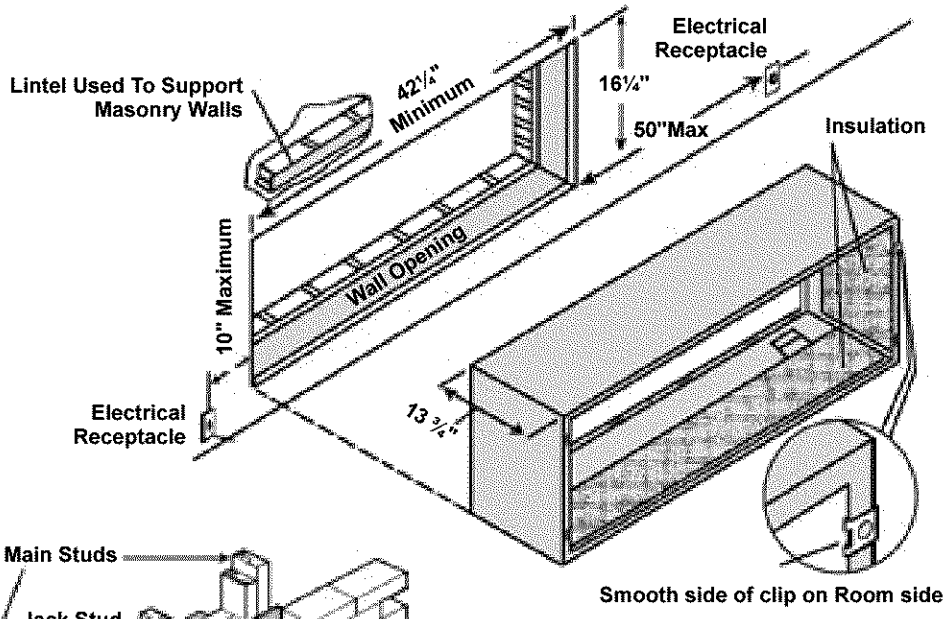


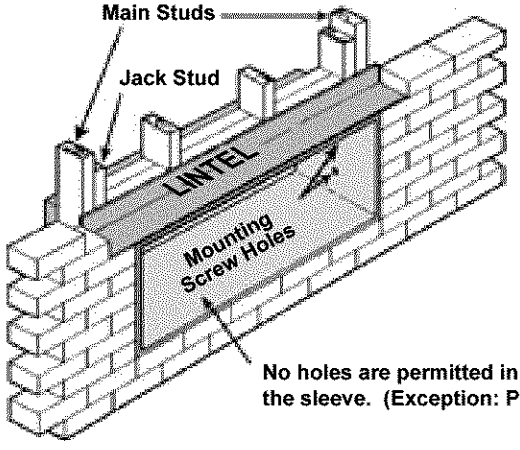
PXWS Wall Sleeve Dimensions:
16" H x 42" W x 13¾" D

Front Cover Dimensions:
16" H x 42" W x 7½" D

Cut-Out Dimensions:
16¼" x 42¼"

Typical Wall Sleeve Installation (PXWS)

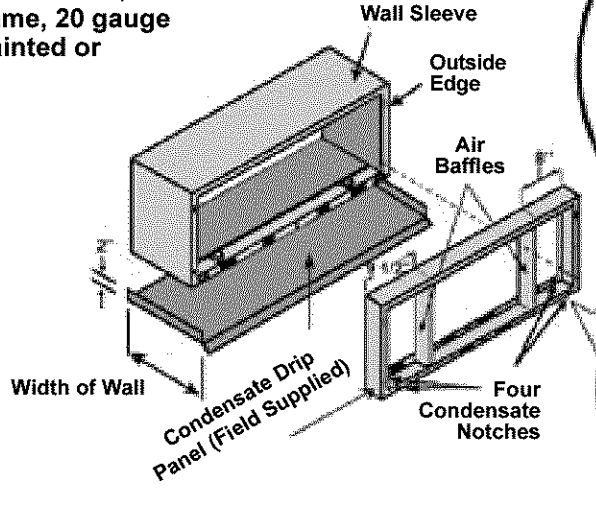


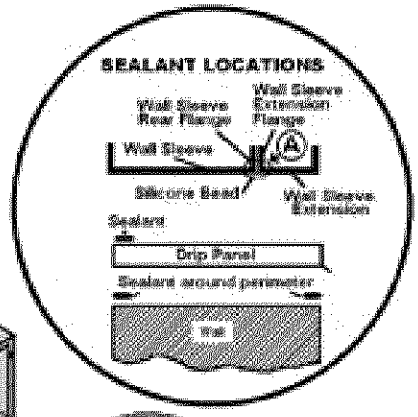


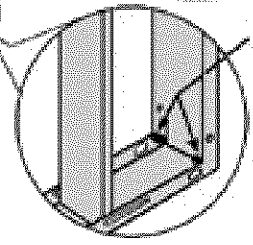
Note the use of a lintel under the first course of bricks above the wall sleeve. Do not use the wall sleeve as a lintel. The mounting screw holes shown are to be made by the installer.

Extended Wall Sleeve Installation and Sealant Locations (PXWE)

Wall Sleeve Extension, 42" x 16" Frame, 20 gauge minimum, painted or aluminum



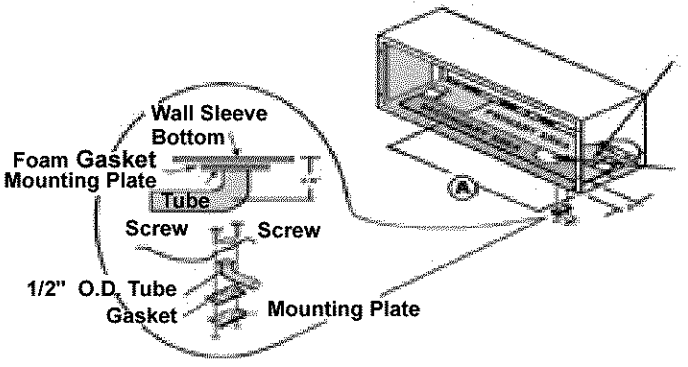




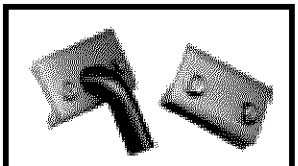
Sealant inside (4) bottom corners

IMPORTANT NOTE: The silicone bead MUST extend 3" up the side of the two flanges to prevent condensate from leaking.

Internal Drain Kit Location and Installation (PXDR10)



Primary Area: Condensation from the chassis collects in the sleeve in this area. The Primary Area is the preferred installation location.



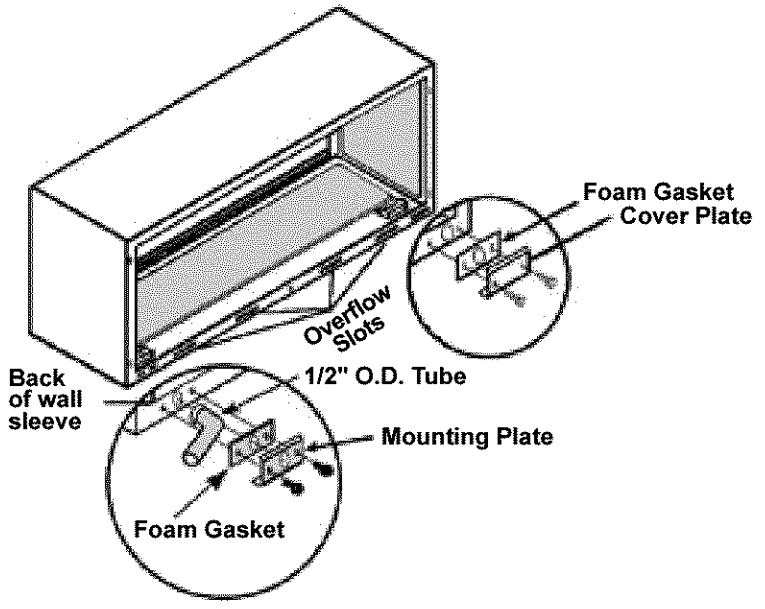
PXDR10 DRAIN KIT

External Drain

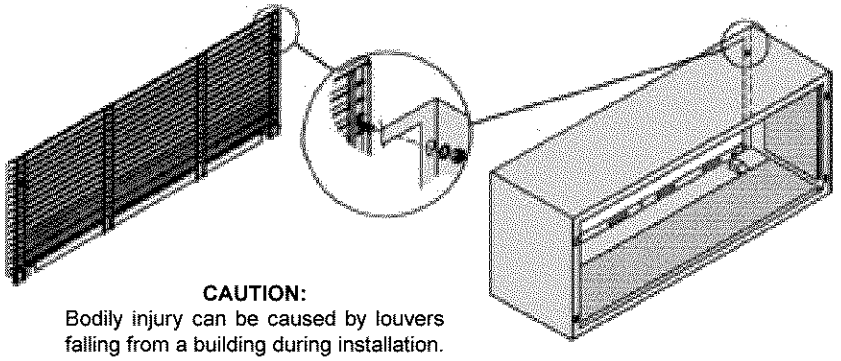
When using an external drain system, the condensate is removed through either of two drain holes on the back of the wall sleeve. Select the drain hole which best meets your drainage situation and install the drain kit. Seal off the other with a cover plate.

Place the drain tube through the gasket and the mounting plate with the flange toward the wall sleeve.

Attach the drain tube assembly to one of the two drain holes at the rear of the wall sleeve. The large flange on the mounting plate is positioned at the bottom of the sleeve facing toward the sleeve. When the drain tube is positioned at the desired angle, tighten the screws.



Architectural Louver Installation (PXAA)



CAUTION:
Bodily injury can be caused by louvers falling from a building during installation. It is recommended that a safety line be attached to the louver and an anchor point inside the building during installation.

Installation

1. Screw a threaded metal stud into each of the holes at the four corners of the louver.
2. From inside the building, grasp the louver at the vertical supports and maneuver the louver through the wall sleeve. Pull towards you until the threaded studs are inserted into the four holes of the wall sleeve.
3. While holding the louver with one hand, start washers and nuts on each of the four studs. Tighten the nuts securely.

All units shall be factory assembled, piped, wired and fully charged with R-22. All units shall be certified in accordance with ARI Standard 310 for air conditioners and ARI Standard 380 for heat pumps. Units shall be UL listed and carry a UL label. All units shall be factory run-tested to check operation and be Friedrich WallMaster® or equivalent.

The basic unit shall not exceed 16" high x 42" wide. Overall depth of the unit from the rear of the Friedrich wall sleeve to the front of the decorative front cover shall not exceed 21¼". The unit shall be designed so that room intrusion may be as little as 7¾". Installations in walls deeper than 13 ¼" may be accomplished with the use of a wall sleeve extension (PXWE). Unit shall draw in ambient air through both sides of an outdoor architectural louver or grille measuring 42" wide x 16" high and shall exhaust heated air out the middle portion of the louver. The architectural louver and wall sleeve shall be designed so that the louver may be installed from the inside of the building.

REFRIGERATION SYSTEM - The refrigeration system shall consist of a hermetically sealed rotary compressor that is externally mounted on vibration isolators no smaller than 1 ¾" dia. X 1 ½" high; condenser and evaporator coils constructed of copper tubes and aluminum plate fins; and capillaries as expansion devices. Unit shall have a fan slinger ring to increase efficiency and condensate disposal and have a drain pan capable of retaining 1½ gallons of condensate. A tertiary condensate removal system shall also be incorporated for back up and shall overflow through the wall sleeve and to the outside of the building as a safeguard against damage to the interior room.

AIR HANDLING SECTION - The evaporator and condenser fans shall be driven by a single, totally enclosed, ball bearing, permanently lubricated split capacitor, "clam-shell" style fan motor. Airflow shall be directed into the room by a single, injection molded, high-impact polystyrene discharge grille. The grill shall have openings no larger than 3/8" high x 3" wide to prevent personal injury or damage to the PTAC unit, and will be reversible to allow air to be directed upward or outward as determined by the installer.

The chassis shall have a built-in damper capable of providing at least 60 CFM of fresh air into the conditioned area. A fine mesh screen shall filter the incoming fresh air. There must be a provision for locking the damper closed to ensure a proper seal.

CONTROLS - Covered controls shall be accessible in a compartment at least 9" wide with the controls no deeper than 1¼" in the opening to facilitate easy operation of the unit. Controls shall include dual rotary knobs for setting of the thermostat and for mode control. The knobs will be tamper proof to prohibit the removal of knobs by the user and shall feature a temperature-limiting device adjustable by the owner. The control panel shall be clearly marked and easy to read. Universal symbols shall be used with markings no smaller than 12-point type. The chassis may be ordered with the option of remote thermostat control.

Other controls accessible without removal of the chassis shall include fan cycle switch, fresh air vent control and emergency heat override switch (heat pump only).

GENERAL CONSTRUCTION - The wall sleeve shall be constructed of 18 gauge G90 zinc-coated steel. It shall be prepared by a process where it is zinc phosphate pretreated and sealed with a chromate rinse, then powder coated for maximum coverage and protection. The sleeve shall be shipped with a protective weatherboard and a structural center support, and be insulated for thermal efficiency. The grille or louver shall be shipped separately and made from stamped or extruded anodized aluminum. All louvers shall be in the horizontal plane.

The front panel shall lock to the chassis by means of two factory-supplied thumbscrews to prevent tampering. The front panel will feature a contoured discharge with no sharp corners. The air filters shall be reusable and be accessible without removal of the front cover. The filters will have an antimicrobial treatment to protect against fungal and bacterial growth.

All 265V units shall possess an integral, over-current time-delay protective device.

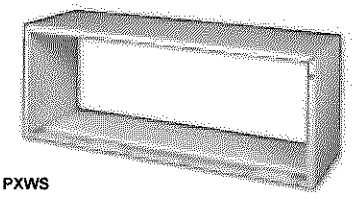
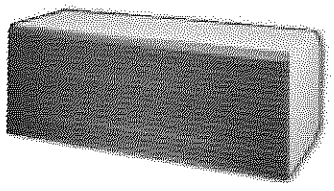
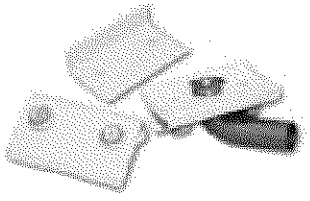
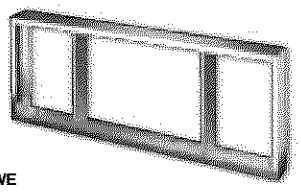
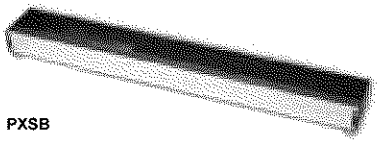
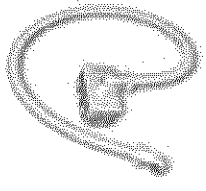
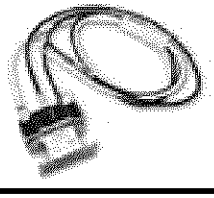
The unit shall have a plastic fan, fan shroud and drain pan for corrosion protection and to help prevent rust on the side of the building below the outdoor louver.

A complete line of accessories shall be available from Friedrich to equip the PTAC for a multitude of applications.

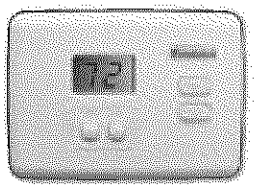
Friedrich Installation/Start-Up Specialists shall be available to answer questions regarding proper installation practices and in some cases for on-site start-up inspections.

Friedrich PTAC Accessories

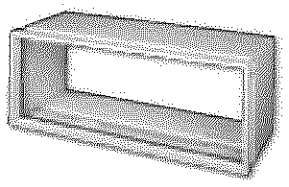
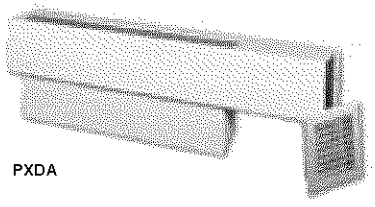
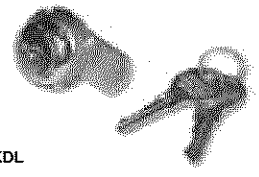
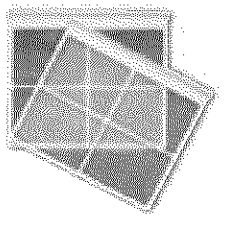
New Construction Accessories

MODEL NUMBER	DESCRIPTION	PHOTO
PXWS	**WALL SLEEVE** G-90 zinc coated steel is prepared in an eleven-step process, then powder coated for maximum coverage and protection. The wall sleeve is insulated for sound absorption and thermal efficiency. 16" High x 42" Wide x 13¾" Deep.	 PXWS
PXGA	**GRILLE** Standard, stamped aluminum, anodized to resist chalking and oxidation.	 PXDB
PXAA **PXDB** **PXSC**	**ARCHITECTURAL GRILLES** Consist of heavy-gauge 6063-T5 aluminum alloy: PXAA– Clear, extruded aluminum PXDB– Dark bronze acrylic enamel PXSC– Also available in custom colors.	
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.	 PXDR10
PXWE	**DEEP WALL SLEEVE EXTENSION** A four inch deep anodized aluminum extension that attaches to the outside of the wall sleeve when the wall is greater than 13¼" thick (11¾" when a subbase is used, 12¼" when a lateral duct is used).	 PXWE
PXSB	**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 and conduit kit.	 PXSB
PXCJ	**CONDUIT KIT WITH JUNCTION BOX** Hard wire conduit kit with junction box for 208/230V and 256V units (subbase not required). Kit includes a means of quick disconnect for easy removal of the chassis. *Required for 265V installations.	 PXCJ
PXDC	**DESK CONTROL KIT** A field installed kit which allows the unit to be turned on or off from a remote central station via a 24V interface. This kit is compatable with all chassis models.	 PXDC

New Construction Accessories (Continued)

MODEL NUMBER	DESCRIPTION	PHOTO
RT2	**DIGITAL REMOTE THERMOSTAT** Digital electronic thermostat with "one touch" adjustment. Mounts to wall for control of unit.	 RT2

Additional Accessories

MODEL NUMBER	DESCRIPTION	PHOTO
PXSE	**SLEEVE EXTENSION RETROFIT KIT** G-90 zinc coated steel, 2¼" sleeve extension attached to the room side of the sleeve to allow for the installation of a P-Series Friedrich PTAC in a T-Series sleeve.	 PXSE
PXDA	**LATERAL DUCT ADAPTER** Attaches to the PTAC/ PTHP unit and provides a transition to direct up to 35% of the total CFM to a secondary room, either left or right of the unit. Kit includes duct plenum with discharge grille and internal baffle, adapter and end cap.	 PXDA
PXDE	**LATERAL DUCT EXTENSION** A three foot insulated plenum that attaches to the left or right side of the duct adapter. The extension can be cut to length by the installer. Maximum allowable straight extension is 15 feet.	
PXDL	**CONTROL DOOR LOCK KIT** Locks control door to prevent tampering by unauthorized users	 PXDL
PXFT	**REPLACEMENT FILTER PACK** Original equipment return air filters which feature an antimicrobial treatment to protect against fungal and bacterial growth. They are reusable and can be cleaned by vacuuming, washing or blowing out. Sold in convenient ten-packs. (Two filters per chassis).	 PXFT

Chassis Options

ITEM	DESCRIPTION
S	**STANDARD UNIT** Standard PTAC/PCHP chassis. Can be 230/208V or 265V, electric or heat pump.
R	**REMOTE THERMOSTAT** Chassis option necessary for wall mounted thermostat control of the unit.
C	**SEACOAST PROTECTION** Additional protection for PTAC/PTHP units in a coastal or corrosive environment. The entire outdoor coil is submerged in a specially formulated enamel coating, then oven-cured for a tough, corrosion-resistant finish.

Friedrich Air Conditioning Company
P.O. Box 1540
San Antonio, TX 78295
(210) 357-4400

WALLMASTER® P-SERIES PACKAGED TERMINAL AIR CONDITIONERS LIMITED WARRANTY

SAVE THIS CERTIFICATE. It gives you specific rights, you may also have other rights which may vary from state to state and province to province.

In the event that your unit needs servicing, contact your nearest authorized service center. If you do not know the nearest service center, ask the company that installed your unit or contact us - see address and telephone number above. **When requesting service:** please have the model and serial number from your unit readily available.

Unless specified otherwise herein, the following applies: **PACKAGED TERMINAL AIR CONDITIONERS AND HEAT PUMPS**

LIMITED WARRANTY - FIRST YEAR (Eighteen (18) Months from the original date of purchase or twelve (12) months from installation). Any defect in the unit's material or workmanship will be repaired or replaced free of charge by our authorized service center during the normal working hours; and

LIMITED WARRANTY - SECOND THROUGH FIFTH YEAR (Sixty-six (66) months from the date of purchase) ON THE SEALED REFRIGERATION SYSTEM. Any part of the sealed refrigeration system on the P-series that is defective in material or workmanship will be repaired or replaced free of charge (excluding freight charges) by our authorized service center during normal working hours. The sealed refrigeration system consists of the compressor, metering device, evaporator, condenser, reversing valve, check valve, and the interconnecting tubing.

These warranties apply only while the unit remains at the original site and only to units installed inside the continental United States, Alaska, Hawaii, Puerto Rico and Canada. The warranty applies only if the unit is installed and operated in accordance with the printed instructions and in compliance with applicable local installation and building codes and good trade practices. For international warranty information, contact the Friedrich Air Conditioning Company - International Division.

Reasonable proof must be presented to establish the original purchase date, otherwise the beginning date of this certificate will be considered to be our shipment date plus sixty days. Replacement parts can be new or remanufactured. Replacement parts and labor are only warranted for any unused portion of the unit's warranty.
We will not be responsible for and the user will pay for:

1. Service calls to:
   A) Instruct on unit operation. B) Replace house fuses or correct house wiring. C) Clean or replace air filters. D) Remove the unit from inaccessible locations. E) Correct improper installations.

2. Parts or labor provided by anyone other than an authorized service center.

3. Damage caused by:
   A) Accident, abuse, negligence, misuse, riot, fire, flood, or acts of God. B) Operating the unit where there is a corrosive atmosphere containing chlorine, fluorine, or any damaging chemicals (other than in a normal residential environment). C) Unauthorized alteration or repair of the unit, which in turn affects its stability or performance. D) Failing to provide proper maintenance and service. E) Using other than a "Seacoast Protected" unit in a coastal environment. F) Using an incorrect power source. G) Faulty installation or application of the unit.

We shall not be liable for any incidental, consequential, or special damages or expenses in connection with any use or failure of this unit. We have not made and do not make any representation or warranty of fitness for a particular use or purpose and there is no implied condition of fitness for a particular use or purpose. We make no expressed warranties except as stated in this certificate. No one is authorized to change this certificate or to create for us any other obligation or liability in connection with this unit. Any implied warranties shall last for one year after the original purchase date. Some states and provinces do not allow limitations on how long an implied warranty or condition lasts, so the above limitations or exclusions may not apply to you. The provisions of this warranty are in addition to and not a modification of or subtraction from the statutory warranties and other rights and remedies provided by law.

In case of any questions regarding the provisions of this warranty, the English version will govern.

(12/03)

Friedrich®

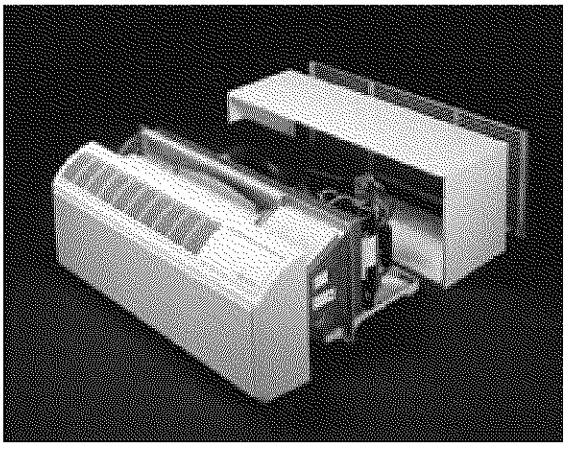
WALLMASTER® P-SERIES
PACKAGED TERMINAL AIR CONDITIONERS

Purchaser:	P.O. #	Date:
Project:	Location:	
Engineer:	Architect:	
Submitted By:	For Approval:	For Reference:

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

ACCESSORIES

PXWS	Wall Sleeve	Qty		PXDR10	Condensate Drain Kit (pkg/10)	Qty	
PXWE	Deep Wall Extension	Qty		PXSB	Subbase	Qty	
PXGA	Standard Outdoor Louver	Qty		PXDS	Power Disconnect Switch	Qty	
PXAA	Architectural Louver, clear	Qty		PXCJ	Conduit Kit w/Junction Box	Qty	
PXDB	Architectural Louver, dark bronze	Qty		PXSE	T-Series Sleeve Adapter	Qty	
PXSC	Architectural Louver, color matched	Qty		PXDA	Lateral Duct Adapter	Qty	
PXDL	Control Door Lock Kit	Qty		PXDE	Lateral Duct Extension	Qty	
RT2	Digital Wall Mounted Thermostat	Qty		PXDC	Desk Control Relay	Qty	



FEATURES

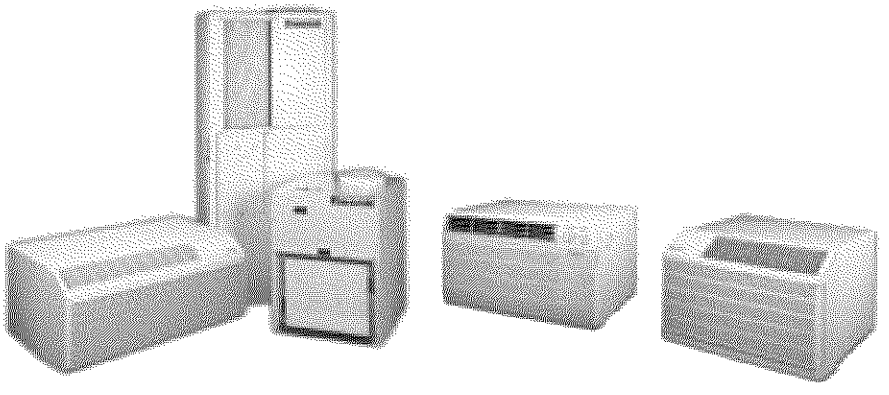
- Ultraquiet operation
- Super high energy efficiency, up to 12.2 EER
- Anti-microbial treated filters
- Easy to use controls feature tamper-proof knobs
- Built-in fresh air damper provides up to 70 CFM
- Two cooling and heating speeds plus fan-only setting
- Front cover fastens to chassis easily with thumbscrews hidden from user
- Thermostat limiter switch
- Emergency heat switch (heat pump models)
- Easy access, easy-to-clean filter
- Made in the U.S.A.
- UL Listed and ARI Certified

DIMENSIONS

Wall Sleeve			Overall Depth
Width	Height	Depth	Sleeve with Front
42"	16"	13¾"	21¼"

Wall Opening - 42¼" wide x 16¼" high

NOTES:



Friedrich®

Multiple solutions.

One trusted name.

Friedrich Air Conditioning Co.

Post Office Box 1540 | San Antonio, Texas 78295-1540
4200 N. Pan Am Expressway | San Antonio, Texas 78218-5212
(210) 357-4400 · FAX (210) 357-4480 | www.friedrich.com

PTAC-BW-04 (1-04)