



FRIEDRICH

PTAC

Cooling Only, Electric Heat, Heat Pump

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

PDXWS	Wall Sleeve	Qty	
PDXWSEXT	Deep Wall Extension	Qty	
PXGA	Standard Outdoor Louver	Qty	
PXAA	Architectural Louver, clear	Qty	
PXBG	Architectural Louver, beige	Qty	
PXSC	Architectural Louver, color matched	Qty	
PDXRTA	Remote Thermostat Escutcheon Kit	Qty	
PXDR10	Condensate Drain Kit (pkg/10)	Qty	
PXSB	Sub Base	Qty	
PXSE	T-Series Sleeve Adapter	Qty	
PXCJA	Conduit Kit w/Junction Box	Qty	
PDXDAA	Lateral Duct Adapter	Qty	
PDXDEA	Lateral Duct Extension	Qty	
PXFTA	Replacement Filters (Set of 10)	Qty	

PXSB23015	Electrical Subbase - 230V 15A	Qty	
PXSB23020	Electrical Subbase - 230V 20A	Qty	
PXSB23030	Electrical Subbase - 230V 30A	Qty	
PXSB26515	Electrical Subbase - 265V 15A	Qty	
PXSB26520	Electrical Subbase - 265V 20A	Qty	
PXSB26530	Electrical Subbase - 265V 30A	Qty	
PXPC23000	LCDI 230V 15A Cord, 0kw	Qty	
PXPC23015	LCDI 230V 15A Cord, 2kW	Qty	
PXPC23020	LCDI 230V 20A Cord, 3kW	Qty	
PXPC23030	LCDI 230V 30A Cord, 5kW	Qty	
PXPC26515	Non-LCDI 265V 15A Cord, 2kW	Qty	
PXPC26520	Non-LCDI 265V 20A Cord, 3kW	Qty	
PXPC26530	Non-LCDI 265V 30A Cord, 5kW	Qty	
RT6	Digital Remote Thermostat-2 speed fan switch	Qty	

Features

Constant room comfort monitoring

"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

Room freeze protection- heat initiated if temperature falls to 40°F in an unoccupied room, raising temperature to 46°F

Dual motors for quiet operation

Durable, powder coat paint finish

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

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

Separate heat and cool range limits

Desk control ready allowing hotel owners to control units from a central location

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

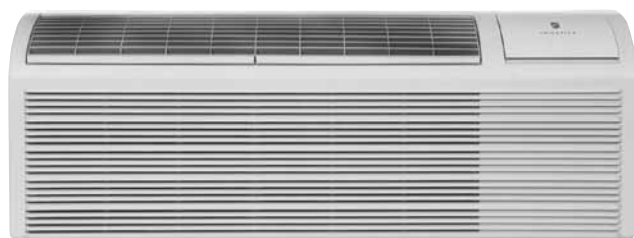
Universal heaters with heat capacities determined by the power cord used with the unit

Fresh air damper control to bring in fresh outside air when desired

Washable, antimicrobial air filter

Service error code memory storage

Emergency heat override



SPECIFICATIONS

MODEL	PDE07K	PDE07R	PDE09K	PDE09R	PDE12K	PDE12R	PDE15K	PDE15R
PERFORMANCE DATA:								
COOLING BTUh	7700/7600	7700	9000/8800	9000	12000/11800	12000	15000/14600	15000
POWER (WATTS)	640/620	640	800/770	800	1120/1120	1120	1530/1510	1530
EER	12.0/12.2	12.0	11.3/11.4	11.3	10.7/10.5	10.7	9.8/9.7	9.8
DEHUMIDIFICATION (pints/hr)	1.7	1.7	2.2	2.2	2.7	2.7	3.2	3.2
SENSIBLE HEAT RATIO	0.84	0.84	0.81	0.81	0.67	0.67	0.65	0.65
ELECTRICAL DATA:								
VOLTAGE (1 PHASE, 60 Hz)	230/208	265	230/208	265	230/208	265	230/208	265
VOLT RANGE	253-187	292-239	253-187	292-239	253-187	292-239	253-187	292-239
CURRENT (AMPS)	2.8/3.0	2.4	3.7/3.9	3.7	5.1/5.3	4.8	6.7/7.5	5.9
POWER FACTOR	0.97	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Compressor LRA	19.0	12.0	17.0	18.0	27.00	23.0	32.6	27.8
Compressor RLA	2.8	2.4	3.7	2.9	5.0	4.3	6.6	5.6
Fan motor horsepower	0.024	0.024	0.029	0.029	0.031	0.031	0.031	0.031
AIRFLOW DATA:								
INDOOR CFM, HIGH	345/315	345	360/345	360	360/350	360	385/375	385
INDOOR CFM, MED	320/290	320	330/305	330	330/310	330	360/330	360
INDOOR CFM, LOW	295/265	295	300/270	300	310/280	310	320/290	320
VENT CFM	75	75	75	75	75	75	75	75
PHYSICAL DATA:								
DIMENSIONS	16x42x13 3/4	16x42x13 3/4	16x42x13 3/4	16x42x13 3/4	16x42x13 3/4	16x42x13 3/4	16x42x13 3/4	16x42x13 3/4
NET WEIGHT	106	106	111	111	116	116	119	119
SHIPPING WEIGHT	126	126	131	131	136	136	139	139
R-410A CHARGE (oz)	23.63	24.69	33.51	33.51	35.27	35.98	38.1	40.21

MODEL	PDH07K	PDH07R	PDH09K	PDH09R	PDH12K	PDH12R	PDH15K	PDH15R
PERFORMANCE DATA:								
COOLING BTUh	7700/7600	7700	9000/8800	9000	12000/11800	12000	14500/14200	14500
POWER (WATTS) cool	640/620	640	800/770	800	1120/1120	1120	1480/1460	1480
EER	12.0/12.2	12	11.3/11.4	11.3	10.7/10.5	10.7	9.8/9.7	9.8
REVERSE HEATING BTUh	6300/6100	6300	8100/7900	8100	10700/10500	10700	13300/13000	13300
POWER (WATTS) HEAT	540/530	540	720/770	720	1010/990	1010	1300/1270	1300
COP	3.4/3.4	3.4	3.3/3.3	3.3	3.1/3.1	3.1	3.0/3.0	3
DEHUMIDIFICATION (pints/hr)	1.7	1.7	2.2	2.2	2.7	2.7	3.2	3.2
SENSIBLE HEAT RATIO	0.84	0.84	0.81	0.81	0.67	0.67	0.65	0.65
ELECTRICAL DATA:								
VOLTAGE (1 PHASE, 60 Hz)	230/208	265	230/208	265	230/208	265	230/208	265
VOLT RANGE	253-187	292-239	253-187	292-239	253-187	292-239	253-187	292-239
CURRENT (AMPS)	2.8/3.0	2.4	3.7/3.9	3.7	5.1/5.3	4.8	6.7/7.5	5.7
REVERSE HEAT. Amps	2.4/2.5	2.1	3.4/3.8	3.4	4.5/4.7	4.5	5.8/6.2	5.0
POWER FACTOR	0.97	0.99	0.99	0.99	0.99	0.99	0.98	0.98
Compressor LRA	19.0	12.0	18.5	19.0	27.00	23.0	36.0	26.0
Compressor RLA	2.8	2.4	3.6	3.2	5.0	4.3	6.5	5.3
Fan motor horsepower	0.024	0.024	0.029	0.029	0.031	0.031	0.031	0.031
AIRFLOW DATA:								
INDOOR CFM, HIGH	345/315	345	360/345	360	360/350	360	420/390	385
INDOOR CFM, MED	320/290	320	330/305	330	330/310	330	410/380	360
INDOOR CFM, LOW	295/265	295	300/270	300	310/280	310	380/350	320
VENT CFM	30	30	30	30	30	30	30	30
PHYSICAL DATA:								
DIMENSIONS	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5	16x42x13.5
NET WEIGHT	108	108	113	113	118	118	121	123
SHIPPING WEIGHT	128	128	133	133	138	138	141	143
R-410A CHARGE (oz)	23.63	24.69	33.51	35.27	35.27	35.98	39.86	36.33

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.

