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|--------------|--------------|---------------|
| PURCHASER | P.O. # | DATE |
| PROJECT | LOCATION | |
| ENGINEER | ARCHITECT | |
| SUBMITTED BY | FOR APPROVAL | FOR REFERENCE |

| ITEM | PLAN DESIGNATION | QUANTITY | COOLING BTU/H | VOLTAGE | FRIEDRICH MODEL |
|------|------------------|----------|---------------|---------|-----------------|
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Accessories

| | | | |
|------------|---|-----|--|
| PDXWS | Wall Sleeve | Qty | |
| PDXWSEXT18 | Deep Wall Sleeve- For walls up to 17 1/2" deep | Qty | |
| PDXWSEXT24 | Deep Wall Sleeve- For walls up to 23 1/2" deep | Qty | |
| PDXWSEXT | Custom Deep Wall Sleeve, For walls from 13 1/4" to 25 1/2" deep | 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 | |
| PXSBA | 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 | |

| | | | |
|-----------|--|-----|--|
| PXSB23020 | Electrical Subbase - 230V 15A, 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 | |
| PXFTA | Replacement Filters (Set of 10) | 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.

