

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

| ITEM | PLAN DESIGNATION | QUANTITY | COOLING Btu | VOLTAGE | FRIEDRICH MODEL |
|------|------------------|----------|-------------|---------|-----------------|
|      |                  |          |             |         |                 |
|      |                  |          |             |         |                 |
|      |                  |          |             |         |                 |
|      |                  |          |             |         |                 |
|      |                  |          |             |         |                 |

## Accessories

|            |                                                                 |     |  |            |                                               |     |  |
|------------|-----------------------------------------------------------------|-----|--|------------|-----------------------------------------------|-----|--|
| PDXWSA     | Wall Sleeve                                                     | Qty |  | PXSB23020  | Electrical Subbase - 230V 15A and 20A         | Qty |  |
| PDXWSEXT18 | Deep Wall Sleeve- For walls up to 17" deep                      | Qty |  | PXSB23030  | Electrical Subbase - 230V 30A                 | Qty |  |
| PDXWSEXT24 | Deep Wall Sleeve- For walls up to 23 1/2" deep                  | Qty |  | PXSB26515  | Electrical Subbase - 265V 15A                 | Qty |  |
| PDXWSEXT   | Custom Deep Wall Sleeve, For walls from 13 1/4" to 25 1/2" deep | Qty |  | PXSB26520  | Electrical Subbase - 265V 20A                 | Qty |  |
| PXGA       | Standard Outdoor Louver                                         | Qty |  | PXSB26530  | Electrical Subbase - 265V 30A                 | Qty |  |
| PXAA       | Architectural Louver, clear                                     | Qty |  | PXPC23000  | LCDI 230V 15A Cord, 0kW                       | Qty |  |
| PXBG       | Architectural Louver, beige                                     | Qty |  | PXPC23015A | LCDI 230V 15A Cord, 2.5kW                     | Qty |  |
| PXSC       | Architectural Louver, color matched                             | Qty |  | PXPC23020A | LCDI 230V 20A Cord, 3.5kW                     | Qty |  |
| PDXRTA     | Remote Thermostat Escutcheon Kit                                | Qty |  | PXPC23030A | LCDI 230V 30A Cord, 5kW                       | Qty |  |
| PXDR10     | Condensate Drain Kit (pkg/10)                                   | Qty |  | PXPC26515A | Non-LCDI 265V 15A Cord, 2.5kW                 | Qty |  |
| PXSBA      | Sub Base                                                        | Qty |  | PXPC26520A | Non-LCDI 265V 20A Cord, 3.5kW                 | Qty |  |
| PXSE       | T-Series Sleeve Adapter                                         | Qty |  | PXPC26530  | Non-LCDI 265V 30A Cord, 5kW                   | Qty |  |
| PXCJA      | Conduit Kit w/ Junction Box                                     | Qty |  | RT7        | Wired Digital Thermostat                      | Qty |  |
| PDXDAA     | Lateral Duct Adapter                                            | Qty |  | RT7P       | Wireless Digital Thermostat                   | Qty |  |
| PDXDEA     | Lateral Duct Extension                                          | Qty |  | WRT2       | Wireless Digital Thermostat                   | Qty |  |
| PXDS       | Sub Base Disconnect Switch                                      | Qty |  | EMRT2      | Wired Thermostat with Occupancy Sensor        | Qty |  |
| PXFTA      | Replacement Filters (Set of 10)                                 | Qty |  | EMWRT2     | Wireless Thermostat with Occupancy Sensor     | Qty |  |
|            |                                                                 |     |  | EMOCT      | Online Connection Kit                         | Qty |  |
|            |                                                                 |     |  | EMRAF      | Remote Access Fee                             | Qty |  |
|            |                                                                 |     |  | EMRHCF     | Energy Management Remote Humidity Control Fee | 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

Condensate removal system uses slinger ring technology

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

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

Washable, antimicrobial air filter

Service error code memory storage

Emergency heat override

# CHASSIS SPECIFICATIONS

## PZE Series with Electric Heat

| Model                              | PZE07K3SB                            | PZE09K3SB | PZE09R3SB | PZE12K3SB   | PZE12R3SB | PZE15K5SB   |
|------------------------------------|--------------------------------------|-----------|-----------|-------------|-----------|-------------|
| <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                            | PZH09K3SB | PZH09R3SB | PZH12K3SB   | PZH12R3SB | PZH15K5SB   |
|------------------------------------|--------------------------------------|-----------|-----------|-------------|-----------|-------------|
| <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         |
| 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.)                  | 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) |           |           |             |           |             |



Friedrich Air Conditioning Co. | 10001 Reunion Place, Suite 500 | San Antonio, TX 78216 | 877.599.5665  
www.friedrich.com

| 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  |