



# ZoneAire® Select Series 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 | VOLTAGE | FRIEDRICH MODEL |
|------|------------------|----------|-------------|---------|-----------------|
|      |                  |          |             |         |                 |
|      |                  |          |             |         |                 |
|      |                  |          |             |         |                 |
|      |                  |          |             |         |                 |
|      |                  |          |             |         |                 |

## Accessories

|            |                                                                 |     |  |
|------------|-----------------------------------------------------------------|-----|--|
| PDXWSA     | 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 |  |
| PDXRTB     | 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 and 20A         | Qty |  |
| PXSB23030 | Electrical Subbase - 230V 30A                 | Qty |  |
| PXSB26520 | Electrical Subbase - 265V 20A                 | Qty |  |
| PXSB26530 | Electrical Subbase - 265V 30A                 | Qty |  |
| RT7       | Wired Digital Thermostat                      | Qty |  |
| RT7P      | Wired Programmable Digital Thermostat         | Qty |  |
| WRT2      | Wireless Programmable Digital Thermostat      | Qty |  |
| EMRT2     | Wired Thermostat with Occupancy Sensor        | 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 |  |
| PXFTB     | 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

Central desk control ready allowing hotel owners to control units from a central location

Condensate removal systems 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, air filter

Service error code memory storage

Emergency heat override



# CHASSIS SPECIFICATIONS

## PZE Series with Electric Heat

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

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.



| 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  |