



Turn to the experts

COMMERCIAL WATER SOURCE & GEOTHERMAL HEAT PUMP PRODUCT LINE CARD

1/2 TO 6 TONS PACKAGED VERTICAL AND HORIZONTAL UNITS

- Efficiencies up to 37 EER and 6.5 COP
- Ultra quiet operation
- Extensive list of factory installed options
- ECM blower motors available in all models

PACKAGED
UNITS



CONSOLE
UNITS

3/4 TO 1½ TONS CONSOLE UNITS

- Efficiencies up to 22.3 EER and 4.6 COP
- Requires minimal use of conditioned floor space



2 TO 35 TONS WATER- TO- WATER UNITS

- Efficiencies up to 25.7 EER and 4.7 COP
- Wide array of capacities for hydronic applications

WATER-
TO-
WATER
UNITS



6 TO 30 TONS PACKAGED HORIZONTAL AND VERTICAL UNITS

- Efficiencies up to 24 EER and 5.6 COP
- Extensive list of factory installed options

LARGE
TONNAGE
UNITS



| Applications | 50PC High Efficiency WSHP | 50PS Premium Efficiency WSHP | 50PT Premium Efficiency, Two-Stage WSHP | 50PEC High Efficiency, Console WSHP | 50PSW High Efficiency, Water-to-Water Unit | 50HQP/VQP High Efficiency, Large Tonnage WSHP |
|--|---|---|---|---|--|--|
| Sizes (tons) | .5, .75, 1, 1.25, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6 | .5, .75, 1, 1.25, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6 | 2, 3, 4, 5, 6 | .75, 1, 1.25, 1.5 | 2, 3, 4, 5, 6, 10, 15, 17.5, 20, 30, 35 | Horizontal: 6, 8, 10, 12.5, 15, 20 Vertical: 6, 8, 10, 12.5, 15, 17.5, 20, 25, 30 |
| AHRI Ratings (13256-1) Ground Loop (GLHP) | 3.2 – 3.75 COP 14.1 – 17.65 EER | 3.6 – 4.3 COP 17.5 – 21.1 EER | 3.8 – 4.4 COP 16.9 – 29.2 EER | 3.2 – 3.2 COP 14.2 – 15.5 EER | 2.8 – 3.2 COP 14.5 – 22.1 EER | 3.2 – 4.2 COP 14.0 – 17.9 EER |
| Water Loop (WLHP) | 4.3 – 5.1 COP 12.2 – 14.9 EER | 5.1 – 6.0 COP 14.9 – 18.2 EER | 5.1 – 6.5 COP 14.8 – 20.8 EER | 4.3 – 4.5 COP 12.2 – 13.4 EER | 4.1 – 4.7 COP 12.3 – 14.7 EER | 4.2 – 5.6 COP 13.0 – 16.0 EER |
| Refrigerant | Puron® Refrigerant (R-410A) | Puron® Refrigerant (R-410A) | Puron® Refrigerant (R-410A) | Puron® Refrigerant (R-410A) | Puron® Refrigerant (R-410A) | Puron® Refrigerant (R-410A) |
| Compressor | Rotary (.5 to 1.25 tons) Reciprocating (1.5 to 3.5 tons) Scroll (4 to 6 tons) | Rotary (.5 to 1.5 tons) Scroll (2 to 6 tons) | Scroll | Rotary | Scroll | Reciprocating (6 to 8 tons) Scroll (10 to 30 tons) |
| Blower Motor | Permanent Split Capacitor (PSC) Constant Torque ECM | Permanent Split Capacitor (PSC) Constant Torque ECM Constant Airflow ECM | Constant Torque ECM Constant Airflow ECM | Permanent Split Capacitor (PSC) | Not Applicable | Belt Drive |
| Cabinet Configurations | Horizontal Vertical | Horizontal Vertical | Horizontal Vertical Downflow | Console | Water-to-Water | Horizontal Vertical |
| Stages | Single-Stage Compression | Single-Stage Compression | Two-Stage Compression | Single-Stage Compression | Single- & Two-Stage Compression | Two-Stage Compression |
| Controls | Microprocessor for Thermostat Input WSHP OPEN Direct Digital Controls | Microprocessor for Thermostat Input WSHP OPEN Direct Digital Controls | Microprocessor for Thermostat Input WSHP OPEN Direct Digital Controls | Microprocessor for Thermostat Input WSHP OPEN Direct Digital Controls | Microprocessor for Thermostat Input WSHP OPEN Direct Digital Controls | Microprocessor for Thermostat Input WSHP OPEN Direct Digital Controls |
| Coil and Reheat Options | Al Fin/Copper Tube Air Coil Coated Air Coil Hot Gas Reheat Waterside Economizer CuNi Water Coil | Al Fin/Copper Tube Air Coil Coated Air Coil Hot Gas Reheat Waterside Economizer CuNi Water Coil | Al Fin/Copper Tube Air Coil Coated Air Coil Hot Gas Reheat CuNi Water Coil | Al Fin/Copper Tube Air Coil Coated Air Coil CuNi Water Coil | CuNi Water Coil | Al Fin/Copper Tube Air Coil Coated Air Coil Hot Gas Reheat CuNi Water Coil |
| Air Filter | Optional 2" MERV 8 or MERV 13 | Optional 2" MERV 8 or MERV 13 | Optional 2" MERV 8 or MERV 13 | 1/2" Filter | Not Applicable | Not Applicable |
| Cabinet Insulation | Matted Fiberglass Insulation Closed Cell Foam optional | Matted Fiberglass Insulation Closed Cell Foam optional | Matted Fiberglass Insulation Closed Cell Foam optional | Matted Fiberglass Insulation | Matted Fiberglass Insulation | Matted Fiberglass Insulation Closed Cell Foam optional |
| Other Options | Hot Gas Bypass Mute Package Factory Mounted Isolation Valve Factory Mounted Disconnect | Hot Gas Bypass Mute Package Electric Heater Factory Installed Factory Mounted Isolation Valve Hot Water Generator Factory Mounted Disconnect | Mute Package Electric Heater Factory Installed Factory Mounted Isolation Valve Internal Water Pump Factory Mounted Disconnect | Extended Cabinet Unit Mounted Controller Outdoor Air Damper Factory Mounted Disconnect | Heat Recovery Package Mute Package | Waterside Economizer Hot Gas Bypass Mute Package |