

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

3/4 TO 1- 1/2 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

6 TO 30 TONS PACKAGED HORIZONTAL AND VERTICAL UNITS

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

PACKAGE UNITS



CONSOLE UNITS



WATER- TO- WATER UNITS



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