

# CxV AIR SOURCE HEAT PUMP WATER HEATER



Massachusetts Board  
of Registration  
Plumbers &  
Gas Fitters

**Accepted  
Plumbing Products  
&  
Heat Pump  
Systems**



## STANDARD FEATURES:

- Available in 208-230/60 or 220/50/1
- 140°F output down to 10°F (-12°C)
- 120°F output down to -4°F (-20°C)
- 5 hp vapor injection compressor
- Swing-away fan panel for ease of servicing
- Industrial PLC, color touchscreen, EEV controls
- 304L stainless steel frame and enclosure
- Double wall 316L stainless steel condenser
- For potable water heating
- Integrated stainless steel circulator pump
- Expandable in arrays of up to eight units.
- BACnet, Modbus, MSTP or Ethernet built in
- Intelligent defrost, trace tape, and pan heater included.
- Machine suitable for outdoor application
- NSF 61 certified potable circuit, UI 508 electrical box



## AVAILABLE OPTIONS:

- Header assemblies and single point electrical distribution for multiple unit installations
- Single wall condensers for hydronic heating
- Secondary heat exchangers for pool heating



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# CxA MODULAR SERIES AIR SOURCE HEAT PUMPS



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Plumbing Products  
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Systems**

## STANDARD FEATURES:

- ECM axial fan
- 10 and 15 hp models fit through standard 36" door and elevators
- Slide-out tray for servicing refrigeration components
- Industrial PLC, color touchscreen, EEV controls
- 304L stainless steel frame and enclosure
- Double wall 316L stainless steel condenser for potable water heating
- Integrated stainless steel circulator pump
- 140°F - 160°F output temperatures
- Expandable in arrays of up to eight, with zero clearance book end spacing
- BACnet, Modbus, MSTP or ethernet built in
- NSF 61 potable circuit, UL508A electrical box
- Machine suitable for outdoor applications



## SERIES ADVANTAGES:

- Improved low ambient performance
- Intelligent defrost
- Reduced footprint
- Unit interconnectivity for staging and lead/lag
- Slide out tray for easy access to refrigeration components

## OPTIONAL FEATURES:

- ECM plenum fan for high static applications
- Compressor VFD for improved efficiency and control
- Cold weather package for ambient conditions between 35-50°F (1.6 -10°C)
- Freezing weather package for ambient conditions (between 23- 35°F (-5 - 0°C))
- Electrofin evaporator coating



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# CxW MODULAR SERIES WATER SOURCE HEAT PUMPS



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## STANDARD FEATURES:

- Double wall, vented, 316L stainless steel condenser for safe, potable water heating
- 140°F - 160°F output temperatures to prevent and eradicate legionella
- Industrial PLC, color touchscreen, EEV controls
- Integrated stainless steel circulator pump
- 304L stainless steel frame and enclosure
- Stackable for reduced footprint
- Expandable in arrays of up to eight, with zero clearance book end spacing
- BACnet, Modbus, MSTP or ethernet built in
- NSF 61 potable circuit, UL508A electrical box
- Machine suitable for outdoor application
- Unit interconnectivity for staging and lead lag



## OPTIONAL FEATURES:

- Header assemblies for multiple modules
- Single point electrical distribution for multiple modules
- High temperature circuit to produce water up to 185°F
- Compressor VFD for additional operational cost savings and control
- High source circuit for source water temperatures over 85°F
- Double wall, vented, 316L stainless steel evaporator to protect source water (ground water sources or domestic water cooling)
- Secondary heat exchanger loop for working fluids incompatible with standard heat exchangers
- Sound blanket



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# CxA-5 MODULAR SERIES AIR SOURCE HEAT PUMPS



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Gas Fitters**

**Accepted  
Plumbing Products  
&  
Heat Pump  
Systems**



## STANDARD FEATURES:

- Available in 208-230/60/3 or 220/50/3
- Single Pass 140°F output
- 5 HP Compressor
- Swing away fan panel for ease of service
- Small profile 28" L x 26" W x 35" H
- PLC/ Color Touch Screen/ EEV Controls
- 304L Stainless Steel frame and enclosure
- Machine suitable for outdoor applications
- 316L Stainless Steel Double Wall Brazed Plate Condenser
- Integrated Stainless Steel Circulator pump
- NSF 61 Certified Potable water circuit, UL 508 Electrical box
- Expandable in arrays of up to eight machines
- BACnet, Modbus MSTP or Ethernet built-in

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## AVAILABLE OPTIONS:

- Header assemblies and single point electrical distribution for multiple unit installations
- Single wall condensers for Hydronic Heating
- Secondary heat exchangers for Pool Heating
- Cloud based monitoring and reporting



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