

CxW Modular Series

Water Source Heat Pumps



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 controls, multiple modules can link controls to function as one
- Electronic temperature control valve
- Electronic expansion valve
- Integrated stainless steel circulator pump
- 304L stainless steel frame and enclosure
- Stackable for reduced footprint

Model (60 Hz)	Heating Capacity (MBH)*	Cooling Capacity (MBH)*	Heating COP	Cooling COP	Combined COP	Hot Water Flow Rate (GPM)**	Source Flow Rate (GPM)***	FLA 230V / 460V (A)
CxW-10	118.4	90.3	3.9	3.0	6.9	3.4	15.0	39.5 / 19.3
CxW-15	176.4	134.0	4.0	3.0	7.0	5.0	22.3	56.8 / 28.4
CxW-20	235.7	179.1	4.0	3.1	7.1	6.7	30.0	77.5 / 38.8
CxW-25	309.5	242.9	4.5	3.5	8.0	8.8	40.5	77.5 / 38.8
CxW-30	402.0	316.9	4.6	3.6	8.2	11.5	53.0	-- / 47.4

*Performance based on 85°F source water

**70°F entering potable water and 140°F leaving potable water

***Source water flow rate based on 12°F temperature drop across evaporator



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Applications

- Hotels
- Apartments
- Offices
- Dormitories
- Schools
- Breweries
- Food Processing
- Hospitals
- Schools
- Industrial Process
- Geothermal
- Hydronic Heating
- Heat Recovery
- Potable Water Cooling

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
- 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



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