

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 hot water temperatures to prevent and eradicate legionella
- Industrial PLC controls
- Electronic temperature control valve
- Electronic Expansion Valve
- Integrated stainless steel circulator pump
- 304L stainless steel frame and enclosure
- Stackable

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	151.3	121.5	5.1	4.1	9.2	4.3	20.3	38.1 / 18.9
CxW-15	209.5	163.0	4.5	3.5	9.0	6.0	27.2	55.4 / 26.6
CxW-20	266.1	205.0	4.4	3.4	7.8	7.6	34.2	75.9 / 31.1
CxW-25	328.1	251.0	4.3	3.3	7.6	9.4	41.8	75.9 / 36.6
CxW-30	387.4	294.0	4.1	3.1	7.2	11.1	49.0	** / 46.5

Performance based on 85°F source water temperature, 70°F entering potable water temperature and 140°F leaving potable water temperature.

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

**Contact factory



401 N. Lincoln • P.O. Box 72 • Colville, WA 99114 • USA
 Tel (509) 684-4505 • Fax (509) 684-4500 • Toll Free (800) 926-5622
 sales@colmacwaterheat.com • www.colmacwaterheat.com

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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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