

CxV Air Source Heat Pump Water Heater

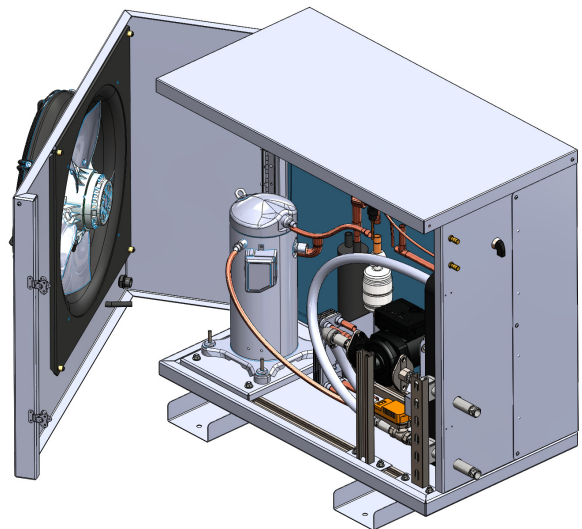


Standard Features

- 140°F output down to 10°F (-12°C)
120°F output down to -4°F (-20°C)
- 5 hp vapor injection compressor
- Fan panel swings away for servicing
- Industrial PLC controls with touchscreen
- Electronic expansion valve
- 304L stainless steel frame and enclosure
- Double wall 316L stainless steel condenser for potable water heating
- Integrated stainless steel circulator pump

Available Options

- Header assemblies and single point electrical distribution for multiple unit installations
- Cloud based monitoring and reporting
- Pre-packaged tank skids
- Master controller to monitor and optimize entire hot water system performance
- Single wall condensers for hydronic heating
- Secondary heat exchangers for pool heating



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Unit Performance (60 Hz)

Air Temperature (°F) (°C)*	Heating Capacity (MBH)	Cooling Capacity (MBH)	Heating COP	Cooling COP	Recovery Rate (GPH)**	Input Power (kW)	Output Temperature (°F) (°C)
90 (32)	77.9	60.7	3.7	2.9	134	6.2	140 (60)
80 (27)	72.1	54.6	3.4	2.6	124	6.3	
70 (21)	68.4	50.8	3.2	2.4	117	6.3	
60 (16)	63.0	45.4	2.9	2.1	108	6.3	
50 (10)	57.6	40.0	2.7	1.9	98	6.3	
40 (4)	51.9	34.4	2.4	1.6	89	6.3	
30 (-1)	47.8	30.7	2.3	1.5	82	6.2	
20 (-7)	42.2	25.3	2.0	1.2	72	6.1	
15 (-9)	40.2	24.0	2.0	1.2	69	5.9	
10 (-11)	37.0	20.1	1.9	1.1	64	5.8	
5 (-15)	32.6	19.5	1.9	1.1	65	5.5	130 (54)
0 (-18)	31.5	18.5	1.8	1.1	75	5.2	125 (52)
-4 (-20)	31.2	17.3	1.8	1.0	83	4.9	120 (49)

*Using 50% relative humidity

**With 70°F entering potable water

Electrical Specifications

Available in single phase only

230 V / 60 HZ / 1 PH

FLA: 30.4 A

MCA: 36.8 A

MOP: 30 A

FEEDER WIRE: 8 AWG

220 V / 50 HZ / 1 PH

FLA: 25.9 A

MCA: 31.3 A

MOP: 30 A

FEEDER WIRE: 8 AWG



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