

Colmac WaterHeat Water Source Technical Specifications

HPW-2	HPW-4	CxW-10	CxW-15	CxW-20	CxW-25	CxW-30
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Potable Water Circuit							
Inlet Connection (in)	0.75			1.5			
Outlet Connection (in)	0.75			1.5			
Minimum Water Temp. Differential (°F)	15	15	15	15	15	20	25
Design flowrate (gpm)*	4	7	12	17	28	32	33
Unit external head at max gpm (ft-H2O)*	15	15	35	29	16	12	10
Max operating water pressure (psig)	150						
Water Circuit Volume (gal)	1	1	3.5	4.2	5.6	5.6	6.3
Internal Circ. Pump Material	304L stainless						
Internal Circ. Pump Horsepower	0.125			0.5			

*Consult factory for water source temps greater than 85°F.

Source Water Circuit							
Source Pump	Not Included						
Inlet Connection (in)	0.75			1.5			
Outlet Connection (in)	0.75			1.5			
Design flowrate (gpm)*	6	13	17	25	41	48	63
Pressure Drop at Design Flow (in-H2O)	5	5	5	7	14	12	19
Max operating water pressure (psig)	165						
Evaporator	Braze Plate, Single Wall						
Material	316L stainless						

*Based off 10°F Source TD

Refrigeration Circuit							
Compressor	Hermetic Scroll						
Qty	1						
Horsepower	3	5	10	15	20	25	30
Refrigerant	R-134a						
Refrigerant Charge (lbs)	3.5	4	10.5	11.5	13.75	16	19.25
Max Operating Refrigerant Pressure (psig)	450						
Condenser	Braze plate, double-wall, vented						
Plate material	316L stainless						
Braze material	Cu alloy						

Misc.							
Controls	PLC, Modular						
Cabinet Material	304L stainless						
Optional Cabinet Material	316L stainless						

Weights and Dims							
Operating Weight (lbs)	250	275	650	700	900	1,035	1,060
Crated Weight (lbs)	400	425	850	925	1,100	1,225	1,300
Crated Dims [LxWxH] (in)	68x36x49						