

Large Horizontal Water Source Heat Pumps—6 to 10 Tons

- High efficiency and quiet operation
- Standard or geothermal application flexibility
- Large panels for accessibility to compressor and fan sections
- Belt-driven blower motor
- Flexible control options include standalone or network operation using LONWORKS® or field-installed Alerton BACnet® communications
- Performance rated with ISO Standard 13256-1

For more detail, refer to Catalog 1170. For the most current information, refer to www.mcquay.com.



Models CMS/CMG

Capacity and Performance Data

Unit size	Air flow cfm (L/S)	Water flow gpm (L/S)	Voltage	Water loop				Ground loop				Dimensions L x W x H, in (mm)
				Cooling		Heating		Cooling		Heating		
				Btu/hr (Watts)	EER	Btu/hr (Watts)	COP	Btu/hr (Watts)	EER	Btu/hr (Watts)	COP	
070	2333 (1101)	18.7 (1.18)	208-3-60	70,000 (20,965)	12.0	80,000 (24,215)	4.2	73,600 (21,931)	13.5	50,900 (15,900)	3.2	78 x 44 x 29 (1981 x 1118 x 737)
			230-3-60									
			460-3-60									
			575-3-60									
090	3000 (1416)	24.4 (1.5)	208-3-60	92,000 (27,495)	12.1	112,000 (31,624)	4.3	96,100 (29,164)	13.8	78,700 (21,522)	3.5	
			230-3-60									
			460-3-60									
			575-3-60									
120	4000 (1888)	30.1 (1.9)	208-3-60	12,1000 (35,664)	12.6	135,000 (41,052)	4.3	125,000 (36,221)	14.1	81,500 (24,479)	3.2	
			230-3-60									
			460-3-60									
			575-3-60									

Notes:

- EER = Energy Efficiency Ratio COP = Coefficient of Performance.
- Water Loop cooling capacity is based on 80.6°F db, 66.2°F wb entering air temperature and 86°F entering water temperature.
- Water Loop heating capacity is based on 68°F entering air temperature and 68°F entering water temperature.
- Ground Loop cooling capacity is based on 80.6°F db, 66.2°F wb entering air temperature and 77°F entering water temperature.
- Ground Loop heating capacity is based on 68°F entering air temperature and 32°F entering water temperature.