The MW Water-to-Water series presents a combination of high efficiency and capacity, boasting advanced features, quiet operation, and versatile-application flexibility. The MW Series caters to diverse HVAC and industrial needs. From radiant-floor heating and snow-/ice-melt systems to chilled water for fan coils and industrial process control, it offers cost-effective solutions for both chilled- and hot-water applications.

The MW Series exceeds ASHRAE 90.1 efficiencies and uses R-454B low Global Warming Potential (GWP) refrigerant, making it an extremely environmentally friendly product solution for chilled or hot-water generation. The unit is eligible for additional LEED® (Leadership in Energy and Environmental Design) points due to its innovative and environmentally conscious design.

ADVANTAGE OF THE WATER-TO-WATER MW SERIES

- Copeland™ High Efficiency Scroll Compressor
- Optional Hot Water Generator with Internal Pump
- Fully Insulated Water and Refrigerant Lines
- Fully Insulated Compressor Section
- Powder Coated Steel Cabinet with Stainless Steel Access Panels for Long Life
- System Operating LED Lights
- Unit Performance Sentinel: Automatic Alert System Lets You Know if The System is Not Running at Peak Performance
- Dual Level Compressor Isolation Mounting for Ultra Quite Operation
- Multiple Removable Access Panels for Service
- Brazed Plate Heat Exchangers on Both Load and Source Sides
- Three Capacities 036 [8.7 kW], 060 [13.5 kW], & 120 [26.9 kW]
- Dual refrigeration circuits on size 120
- Extended range (20 to 120°F, -6.7 to 48.9°C) operation
- 1" swivel-type water connections for models 036 & 060
- Flush securely mounted corner post water connections (no backup wrench required) for model 120
- Seven safeties standard
- Up to 130°F entering water temperature (load)

MW SERIES

BRAZED PLATE WATER-TO-WATER (MW)

3, 6, & 10 Tons

Warranty–10 years on parts, 10 years on compressor, and 5 years on labor
(Some limitations apply; see printed warranty for details.)
www.century-hvac.com

DIMENSIONAL DATA

Capacity		Overall Cabinet		
		Depth /Length	Width	Height
		A	B	C
MW036-60	in	27.5	25.4	27.0
	cm	69.9	64.5	68.6
MW120	in	30.6	48.8	34.8
	cm	77.7	124.0	88.4

TESTED WITH ASHRAE/AHRI/ISO 13256-1 ENGLISH (I-P) UNITS (FULL LOAD)

Model	Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump			
	Cooling 86°F		Heating 68°F		Cooling 59°F		Heating 50°F		Cooling 77°F		Heating 32°F	
	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
MW036	30,700	14.5	43,000	4.8	33,300	21.0	34,900	4.0	31,800	16.6	27,500	3.2
MW060	53,100	15.5	71,900	5.0	58,700	23.4	57,900	4.1	55,200	18.0	45,700	3.3
MW120	104,800	14.9	148,500	5.0	116,800	23.5	119,200	4.0	109,000	17.4	91,200	3.1

All ratings based upon 208V operation
Indoor coil also called "Load" and outdoor coil also called "Source"

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."

Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Third party incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.

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