

SERIES WMR REPLACEMENT CHASSIS

Singer / McQuay WM-B Series



ADIRONDACK-AIRE



Adirondack-Aire WMR series zerOzone console units provide environment friendly, high efficiency, cooling and heating where individual, quiet control is a priority. This application flexible unit is a direct replacement for Singer/McQuay WMB series console water source heat pump units. The WMR series is also an ideal choice for renovation or new construction console water source heat pump projects. These console units are offered as chassis only to work with the existing or custom room cabinets or with a new cabinet for a complete installation.

The chassis contains the compressor, air side heat exchanger, water side heat exchanger, evaporator fan and motor, control components and safety components. The optional room cabinet is powder painted furniture-grade steel construction with extruded aluminum grille and control door. The WMR series has two chassis sizes, small (models 08, 10, and 12), and large (models 15 and 18).

All chassis sizes are dimensionally identical to the original for a fast, easy, and trouble-free installation. Quality components, careful design and testing, and the latest in environment friendly technology advances mean long unit life, user satisfaction, and lower energy costs.

Consider the extensive list of standard features, which includes: powder painted drain pan, refrigerant circuit access ports, electrostatic air filter, evaporator freeze protection, water coil freezestat, high-pressure over protection, anti-short cycle protection and electronic control board. Adirondack-Aire is the replacement solution that the competition can't match. Cold Point Corp. backs the WMR with a customer friendly one-year parts and labor warranty and five-year compressor warranty, (see Warranty document for details). A full range of options are available, including low temperature option, boilerless control, hose kits, control options, etc.

APPLICATION & BENEFITS



FAST AND EASY REPLACEMENT

The Adirondack-Aire WMR series zerOzone replacement chassis fits the existing Singer/McQuay room cabinets without modification.

Because the WMR dimensions and construction details are like the original, replacement work is fast and easy. The chassis is field adaptable to either LH or RH piping applications, offering maximum flexibility and spare chassis interchangeability. Water, drain and electrical connections line right up to the original installation. Using Adirondack-Aire replacements eliminates the need for room renovation, redecorating, or piping and wiring changes. The WMR is the solution that gets your property back in service quickly and at the lowest total cost. Choose the optional room cabinet to give the unit a new look and improve room aesthetics, or the low temperature option for earth coupled or ground water applications.



DAMAGE PROTECTION

The standard high-pressure switch, evaporator coil freeze protection, and electronic control board stop unit operation

before damage occurs, should airflow become reduced or obstructed due to dirty filters, obstructed airflow, or motor failure. A freezestat protects the water coil from freeze damage due to water temperature or flow problems. The water coil is designed for low water-side pressure drop, eliminating potential pump sizing and water flow problems.



OPTIONS AND ACCESSORIES

- Room cabinet (LH and RH available)
- Flow control valve
- Electric or hydronic heat
- Control options
- Valves and unions
- Line cords
- Boilerless
- Hose kits
- Customer-specified custom features
- Low temp option

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ADIRONDACK AIR

Performance Ratings

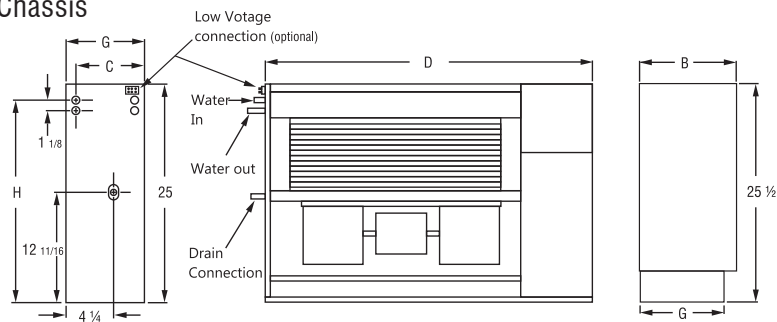
Model	Cool Btuh	Sens Btuh	EER	Heat Btuh	COP	CFM Hi/Lo	GPM	Coil PD	Refrigerant
WMR-08	7,800	6,000	14.0	9,200	4.4	300/250	2.0	1.2'	R-410A
WMR-10	10,600	8,000	13.6	12,100	4.6	395/330	2.5	1.8'	R-410A
WMR-12	11,500	9,400	12.4	14,000	4.3	400/350	3.0	2.5'	R-410A
WMR-15	14,700	10,700	13.8	16,100	4.3	475/400	3.8	4.6'	R-410A
WMR-18	17,800	13,700	13.1	21,000	4.4	540/420	4.5	3.3'	R-410A

Continuous engineering improvements may result in performance changes without notice.

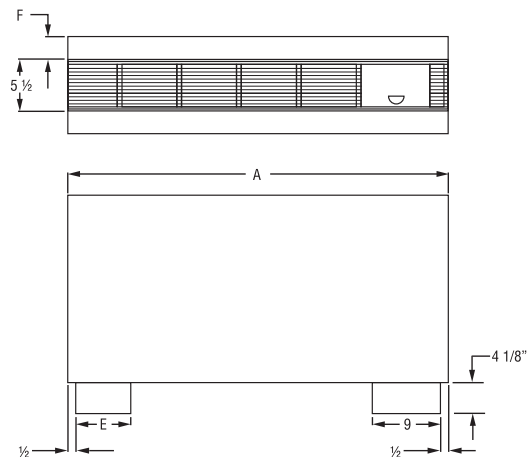
Unit Sizes

Model	A	B	C	D	E	F	G	H	Chassis Weight (lbs)
	Inches								
WMR-08	44 9/16	10 3/4	8 7/8	37 3/4	6 1/4	2 5/8	10 1/4	23 5/16	116
WMR-10	44 9/16	10 3/4	8 7/8	37 3/4	6 1/4	2 5/8	10 1/4	23 5/16	118
WMR-12	44 9/16	10 3/4	8 7/8	37 3/4	6 1/4	2 5/8	10 1/4	23 5/16	120
WMR-15	54 9/16	12 9/16	10 7/8	42 3/4	10 3/4	3 1/2	12 1/8	24	145
WMR-18	54 9/16	12 9/16	10 7/8	42 3/4	10 3/4	3 1/2	12 1/8	24	155

Chassis



Cabinet



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