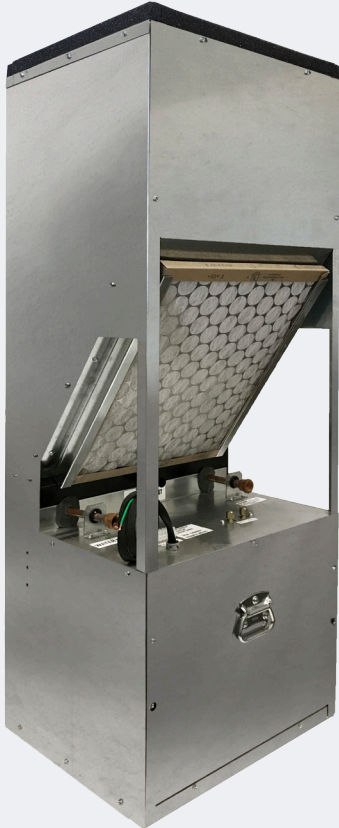


SERIES VF REPLACEMENT CHASSIS

Singer/McQuay VF/VP/VG



ADIRONDACK-AIRE



The Adirondack-Aire VF Series zerOzone replacement chassis provides environment friendly, high efficiency cooling and heating where individual, quiet control is a priority. This application flexible unit is also a direct replacement for Singer/McQuay small frame (models 070, 090, 140, 200, 240) and large frame (models 260, 330, 400) VF/VP/VG series vertical stacked water source chassis. VF and VP models are heat pumps. The VG is cooling only. The chassis is a part of a complete system, which consists of the chassis with blower, control box, and furred-in room cabinet with risers. The chassis contains the compressor, blower, air side heat exchanger, water side heat exchanger, and refrigerant circuit control and safety components.

Both 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 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, air filter, pull handle, compressor protected suction accumulator, high efficiency PSC blower motor and dynamically balanced DWDI blower wheel, evaporator freeze protection, water coil freezestat, high pressure over protection and lockout circuit. Adirondack-Aire is the replacement solution for upgrading old, worn out, inefficient original chassis. Cold Point Corp. backs the VF with a customer friendly one-year parts and labor warranty and five year compressor warranty (see Warranty document for details).

APPLICATION & BENEFITS



FAST AND EASY REPLACEMENT

The Adirondack-Aire VF series zerOzone replacement chassis fits the existing Singer/McQuay room cabinets and works with the existing control box without modification. Because the chassis dimensions and construction details are like the original, replacement work is fast and easy. The chassis installs without the need for water loop shut-down or draining. Water, drain and electrical connections line right up to the original installation. The electrical connectors plug directly into the control box connectors. A chassis pull handle is provided to facilitate easy removal and handling. Using Adirondack-Aire replacements eliminates the need for room renovation, redecorating, and piping changes and is the solution that gets your property back in service quickly and at the lowest total cost.



DAMAGE PROTECTION

The standard high-pressure switch and evaporator freeze protection stops unit operation before damage occurs should airflow become reduced or obstructed due to dirty coils, obstructed airflow, or motor failures or lock-up. 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

- 115V, 208/230V 3PH, 265/277V, 460V 3PH (Availability varies by model size)
- Return air panels
- Control options
- Flow control valve
- Hose kits
- VP option

SERIES VF REPLACEMENT CHASSIS

Singer/McQuay VF/VP/VG



ADIRONDACK AIR

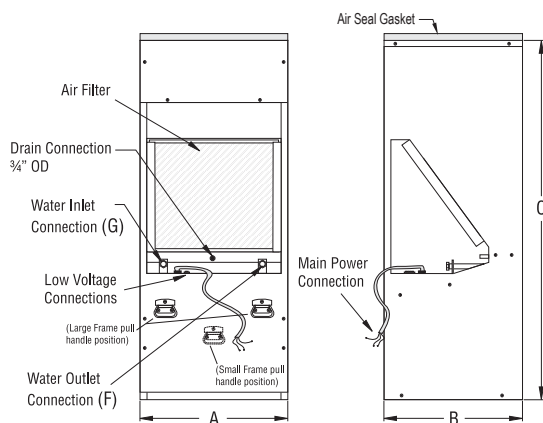
Performance Ratings

Model	Cool Btuh	Sens Btuh	EER	Heat Btuh	COP	CFM (Nominal)	GPM	Coil PD	Refrigerant
VF-10	9,500	7,200	13.3	12,200	4.3	305	2.4	1.8'	R-410A
VF-12	11,000	7,700	13.1	13,900	4.2	310	3.0	3.4'	R-410A
VF-15	14,100	10,300	12.7	18,200	4.4	540	3.0	3.4'	R-410A
VF-20	18,300	14,500	14.0	22,000	4.5	640	4.5	3.2'	R-410A
VF-24	25,500	18,000	15.5	28,200	4.3	725	6.0	6.4'	R-410A
VF-26	26,000	19,000	14.2	26,000	4.2	870	7.0	7.0'	R-410A
VF-33	32,000	25,000	12.9	42,000	4.5	1,090	9.0	3.9'	R-410A
VF-40	37,000	28,000	12.0	48,500	4.4	1,270	10.5	4.8'	R-410A

Continuous engineering improvements may result in performance changes without notice.

Unit Sizes

Model	Frame Size	A	B	C	D	E	F	G	Filter Size	Chassis Weight (lbs)
		Inches								
VF-10	Small	18 1/8	15	46 1/2	3 3/4	8 1/8	1/2 FPT	1/2 FPT	15 1/2 x 18 x 1	120
VF-12	Small	18 1/8	15	46 1/2	3 3/4	8 1/8	1/2 FPT	1/2 FPT	15 1/2 x 18 x 1	120
VF-15	Small	18 1/8	15	46 1/2	5	8 1/8	1/2 FPT	1/2 FPT	15 1/2 x 18 x 1	151
VF-20	Small	18 1/8	15	46 1/2	10 1/4	8 1/4	1/2 FPT	1/2 FPT	15 1/2 x 18 x 1	161
VF-24	Small	18 1/8	15	46 1/2	10 1/4	8 1/4	1/2 FPT	1/2 FPT	15 1/2 x 18 x 1	200
VF-26	Large	22	20 5/8	53 1/2	10 1/4	8 1/4	3/4 FPT	3/4 FPT	20 x 22 x 1	200
VF-33	Large	22	20 5/8	53 1/2	10 1/4	8 1/4	3/4 FPT	3/4 FPT	20 x 22 x 1	220
VF-40	Large	22	20 5/8	53 1/2	10 1/4	8 1/4	3/4 FPT	3/4 FPT	20 x 22 x 1	255



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