

SERIES VI REPLACEMENT CHASSIS

The Whalen Company VI Series



ADIRONDACK-AIRE



The Adirondack-Aire VI 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 Whalen VI series vertical stacked water source cooling/ heat pump chassis. Original VI Whalen units were heat pumps, VI 'B' units were cooling only. The chassis is a part of a complete system, which consists of the chassis, blower section, control box, and furred-in room cabinet with risers. The chassis contains the compressor, air side heat exchanger, water side heat exchanger, refrigeration circuit control and safety components.

The VI series has three chassis sizes, small (models 300 and 400), mid (model 600), and large (model 800). 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 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, compressor protected suction accumulator, 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 VI with a customer friendly one-year parts and labor warranty and five-year compressor warranty, (see Warranty document for details).

* Model specific. May include lockout circuit, 5 minute anti-short cycle timer or interconnect control utilizing control panel logics.

APPLICATION & BENEFITS



FAST AND EASY REPLACEMENT

The Adirondack-Aire VI series zerOzone replacement chassis fits the existing Whalen room cabinets and works with the existing blower section and 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 and drain connections line right up to the original installation. The electrical connectors plug directly into the control box without the need for adapters or wire nut connections. Using Adirondack-Aire replacements eliminates the need for room renovation, redecorating, and piping changes. The VI chassis 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 coil freeze protection stops unit operation before damage occurs should airflow become reduced or obstructed due to dirty coils, obstructed airflow, or motor failure 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

- Blower sections
- Return air panels
- Control options
- 115V, 265V/277V (Availability varies by model sizes)
- Wiring configurations
- Flow control valve
- Hose kits

** Various wiring configurations were produced. Details required before placing orders.

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ADIRONDACK AIR

Performance Ratings*

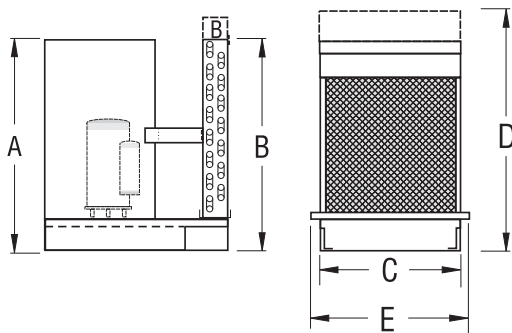
Model	Cool* Btuh	Sens Btuh	EER*	Heat* Btuh	COP*	CFM (Design)	GPM	Coil PD	Refrigerant
VI-10	10,000	7,100	14.3	12,400	4.4	310	2.5	1.8'	R-410A
VI-12	13,500	9,400	14.4	14,300	4.4	400	3.0	2.5'	R-410A
VI-20	19,500	14,000	14.1	23,600	4.3	600	5.0	3.9'	R-410A
VI-24	21,200	15,800	13.9	26,000	4.5	800	6.0	6.4'	R-410A
VI-30	28,700	21,400	13.8	32,000	4.2	1000	6.0	6.4'	R-410A

Continuous engineering improvements may result in performance changes without notice.

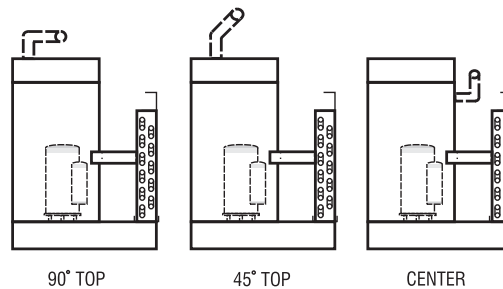
* Includes 1250Btu/1000 CFM fan heat and 365w/1000 CFM fan power. Fan power and pumping corrections are not included for rating purposes. 208v data shown. 115v & 265v ratings may vary.

Unit Sizes

Model	A	B	C	D	E	Chassis Weight (lbs)
	Inches					
VI-10	22	12	11	18 1/8	13 1/2	75
VI-12	22	18	11	24 1/4	13 1/2	75
VI-20	23 1/4	18	13 1/4	24	13 3/4	120
VI-24	23 1/4	24	13 1/4	29 1/2	13 3/4	130
VI-30	24 5/8	33 3/4	16 3/8	N/A	17 3/4	140



Pipe Configuration Identification



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