

SERIES BCW REPLACEMENT CHASSIS

American Air Filter SSBCW Series



ADIRONDACK-AIRE



Adirondack-Aire BCW series zerOzone console units provide environment friendly, high efficiency cooling and heating where individual, quiet control is a priority. This application flexible unit is also a direct replacement for American Air Filter SSBCW series console water source heat pump units. These console units are offered as chassis-only to work with the existing or custom cabinets or with a new cabinet for a complete upgrade.

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 chassis is 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, and electronic control board. Adirondack-Aire is the replacement solution that the competition can't match. Cold Point Corp. backs the BCW 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 BCW series replacement chassis fits the existing American Air Filter room cabinets without modification. Because the BCW dimensions and construction details are like the original, replacement work is fast and easy. The chassis is field-adaptable to either LH or RH 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 BCW 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.



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 coils, 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
- Control options
- 115V and 265V (Availability varies by model size)
- Flow control valve
- Valves and unions
- Hose kits
- Line cords

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ADIRONDACK AIR

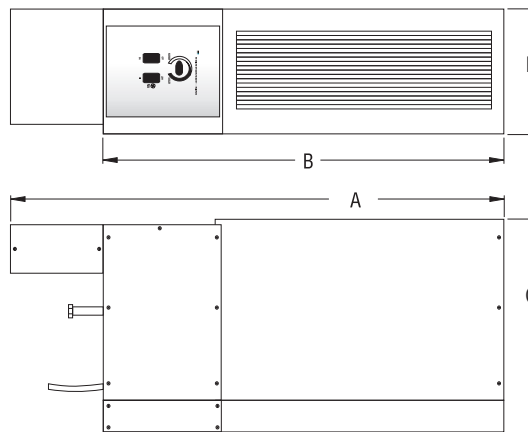
Performance Ratings

Model	Cool Btuh	Sens Btuh	EER	Heat Btuh	COP	CFM Hi/Lo	GPM	Coil PD	Refrigerant
BCW-08	7,500	6,000	12.7	9,200	4.2	270/250	2.0	1.2'	R-410A
BCW-10	9,800	7,300	12.4	12,000	4.2	360/295	2.5	1.8'	R-410A
BCW-12	Consult Factory								R-410A

Continuous engineering improvements may result in performance changes without notice.

Unit Sizes

Model	A	B	C	D	Chassis Weight (lbs)
	Inches				
BCW-08	39 3/8	33 1/4	22	10	150
BCW-10	39 3/8	33 1/4	22	10	150
BCW-12	39 3/8	33 1/4	22	10	150
BCW-15	51 3/8	45 1/4	22	10	175
BCW-19	51 3/8	45 1/4	22	10	175



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CPL049 rev. 08-17