



WATER SOURCE AIR CONDITIONING

**Console Water Source Air Conditioner with Hydronic Heat & Mono- Flow Piping- Replaces Slant-Fin 'WC'Series**



**NOMINAL CAPACITY:**

6,000, 9,000, 12,000,  
16,000 BTU/h

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**Description:**

*Adirondack-Aire 'WC' series* is a direct replacement for *Slant-Fin 'WC'* series console water source air conditioners with hydronic heat and 'mono-flow' piping. This is the **only available replacement** that will work in the original pressure and flow sensitive mono-flow installations. These console units are offered as **chassis only** to work with the existing cabinet and heat coil or **with optional cabinet** for a complete upgrade. The chassis contains the compressor, air heat exchanger, water heat exchanger, evaporator fan & motor, and control and safety components. The optional room cabinet contains the available mono-flow piping, heat coil, and three-way valve. The optional cabinet is **powder painted furniture grade steel** construction with **extruded aluminum grille** and **control door**. The chassis and heat coil are **dimensionally identical** to the original for a fast, easy, and trouble free installation. Proven technology, quality components, careful design and testing, and the

latest in reliability and efficiency advances assure long life, user satisfaction, and lower energy cost! Consider the extensive list of standard features which includes: **powder painted drain pan**, refrigerant circuit **access ports**, **electrostatic air filter (cabinet mounted)**, evaporator **freeze protection**, **high-pressure** over protection..... and *Adirondack-Aire* is the replacement solution the competition can't match. *Cold Point Corp.* backs the 'WC' with a customer friendly **one-year parts and labor** warranty and **five-year compressor** warranty, (see *Warranty* document for details).

**Application & Benefits:**

The *Adirondack-Aire 'WC'* series replacement chassis **fits the existing *Slant-Fin* room cabinets** without modification. Because the chassis construction is like the original water, drain and electrical connections **line right up** to the existing connections and includes all the necessary **unions and fittings**. 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 failures or lock-up. The water coil and optional heat coil are designed for low water-side pressure drop eliminating potential **pump sizing** and **water flow** problems. Efficient compressors provide demonstrated **reliability** and **low sound** levels...and because the 'WC' dimensions and construction details are like the original, replacement work is **fast** and **easy**. Using *Adirondack-Aire* replacements **eliminates** the need for **room renovation, redecorating, or piping & wiring changes** and 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**.

**Options/Accessories:**

- Control options
- 115V & 265/ 277V (availability varies by model size)
- Heat Coil
- Mono- Flow piping assembly
- 3- Way valve
- Room Cabinet
- Replacement supply air grille for room cabinet
- Line Cords

**Standard Features**

- 1). Made in USA
- 2). Designed for easy installation & compatibility. Dimensionally identical to original *Slant-Fin chassis*
- 3). ETL APPROVED
- 4). Quiet, durable, and efficient compressor with built-in pressure & temperature protection
- 5). Heavy Gauge G90 galvanized steel construction
- 6). Powder painted drain pan
- 7). High efficiency copper tube-aluminum fin evaporator coil
- 8). High efficiency coaxial condenser coil with low water-side pressure drop
- 9). Unit mounted MCO controls
- 10). High Pressure switch
- 11). Frost free cooling
- 12). Refrigerant circuit access ports
- 13). Precision charged with R-22 refrigerant
- 11). High water temp. compressor lock-out
- 12). Capillary expansion
- 13). Electrostatic air filter (cabinet mounted)



# WC Dimensions and Specifications

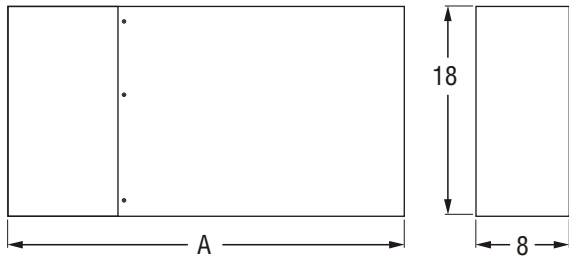
**Note:** Due to Cold Point Corporation's ongoing quality & product development programs, design and specifications may change. Always consult factory to verify the information provided here.



## DIMENSIONAL DETAIL 'WC'

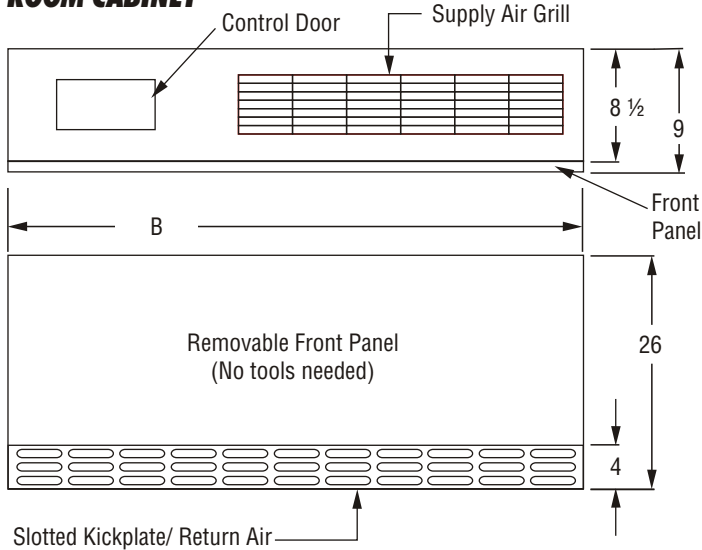
**IMPORTANT!** Chassis must replace a unit of like capacity to assure proper **power supply**.

### CHASSIS



Model No.	A	B
06, 09	34"	45"
12, 16	44"	55"

### ROOM CABINET



### NEMA Configurations

#### Non Locking Plugs/Receptacles

Voltage	125V	250V	277V*
15A Recp.	5-15R 	6-15R 	7-15R 
15A Plug	5-15P 	6-15P 	7-15P 
20A Recp.	5-20R 	6-20R 	7-20R 
20A Plug	5-20P 	6-20P 	7-20P 
30A Recp.	5-30R 	6-30R 	7-30R 
30A Plug	5-30P 	6-30P 	7-30P 

\*277V Line Cord N/A as Factory Installed

### WC PERFORMANCE TABLE\*

Model	COOL BTUH	SENS BTUH	EER	CFM	GPM	COIL PD
WC-06	6,400	4,700	12.7	255	1.7	1.0'
WC-09	8,800	5,700	10.2	255	2.2	1.0'
WC-12	12,400	9,200	11.2	350	3.0	1.0'
WC-16	15,000	10,400	9.4	350	3.8	1.2'

\*Rated in accordance with ARI

### WC ELECTRICAL DATA

Model	COMP	Voltage/ HZ/Ph	Fan Amps	Fan HP	Comp RLA	Comp LRA	Total Amps	CKT Amp	Max Fuse	MIN. Volts
WC-06	Rotary	115/60/1	1.2	1/10	4.8	34.0	6.0	8	15	104
WC-09	Recip.	115/60/1	1.2	1/10	7.0	40.0	8.2	10	15	104
WC-09	Recip.	208/230/60/1	.6	1/10	3.5	20.0	3.9	5	15	197
WC-12	Recip.	115/60/1	1.2	1/10	9.4	53.0	10.6	13	20	104
WC-12	Recip.	208/230/60/1	0.6	1/10	4.6	31.2	5.2	7	15	197
WC-16	Recip.	208/230/60/1	0.6	1/10	8.5	41.0	9.1	12	20	197

Model No.	Chassis Weight (lbs)
06	90
09	90
12	120
16	135

