

# Adirondack Aire

BY COLD POINT

## Series CC

### Singer / Climate Control CC Series

Application Flexible | Fast and Easy Replacement | Damage Protection



# ADIRONDACK-AIRE CC CHASSIS SERIES

## Replaces Singer / Climate Control CC Series

The Adirondack-Aire CC Series is a direct replacement for Singer/Climate Control CC series C revision ducted horizontal water source heat pump units. This version does not directly replace other revision code units. The CC is a complete unit that contains the compressor, blower, air side heat exchanger, water side heat exchanger, safety components, and control components. Low voltage wiring is compatible with the original wall thermostat. Duct connections are identical and line right up with the existing ductwork. A full range of unit sizes are available and each is 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 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, high efficiency PSC blower motor and dynamically balanced DWDI blower wheel, evaporator freeze protection, water coil freeze stat, high-pressure over protection, and lockout circuit. Adirondack-Aire is the replacement solution for upgrading old, worn out, inefficient original chassis. Heavy gauge mounting brackets and isolation grommets are provided. Cold Point Corp. backs the CC with a customer friendly one-year parts and labor warranty and five-year compressor warranty, (see Warranty document for details). Extended warranties available.

### Standard Features:

- Made in the USA
- Designed for easy installation and compatibility. Dimensionally identical to original Singer / Climate Control unit
- ETL approved
- Quiet, durable, and efficient compressor with built-in pressure and temperature protection
- Heavy gauge G90 galvanized steel construction
- Powder painted drain pan
- High efficiency copper tube-aluminum fin evaporator coil
- High efficiency coaxial condenser coil with low water-side pressure drop
- DWDI centrifugal blower with high efficiency PSC motor
- High pressure switch
- Frost-free cooling
- Water coil freeze protection

### Electrical Data

Model	Voltage Volt-Hz-Ph*	Compressor		Fan		Total Amps	Ckt Amps	Max Fuse	Min Volts
		RLA	LRA	Amps	HP				
CC-10	208/230/60/1	3.7	22.0	0.4	1/10	4.1	5.0	15	197
CC-10	265/60/1	3.1	22.0	0.4	1/10	3.9	7.0	15	240
CC-12	208/230/60/1	4.6	28.0	0.6	1/10	5.2	7.0	15	197
CC-12	265/60/1	3.8	22.2	0.4	1/10	4.2	6.0	15	240
CC-15	208/230/60/1	5.6	29.0	1.2	1/5	6.7	9.0	15	197
CC-15	265/60/1	5.0	28.0	1.2	1/5	6.2	8.0	15	240
CC-20	208/230/60/1	8.3	44.0	1.2	1/5	9.5	12.0	15	197
CC-20	265/60/1	6.8	30.0	1.2	1/5	8.0	10.0	15	240
CC-26	208/230/60/1	7.4	43.0	2.7	1/3	10.1	12.0	15	197
CC-26	265/60/1	6.7	46.0	0.9	1/3	7.6	10.0	15	240
CC-26	208/230/60/3	5.9	63.0	2.7	1/3	8.6	10.0	15	197
CC-26	460/60/3	2.9	30.0	0.8	1/3	3.7	5.0	15	414
CC-33	208/230/60/1	11.6	74.0	2.7	1/3	14.3	18.0	25	197
CC-33	265/60/1	9.9	67.0	1.9	1/3	11.8	15.0	20	240
CC-33	208/230/60/3	7.4	67.0	2.7	1/3	10.1	12.0	15	197
CC-33	460/60/3	3.8	34.0	0.8	1/3	4.6	6.0	15	414
CC-40	208/230/60/1	13.6	88.0	2.7	1/3	16.3	20.0	30	197
CC-40	265/60/1	12.0	67.0	1.9	1/3	13.9	17.0	25	240
CC-40	208/230/60/3	8.60	70.0	2.7	1/3	11.3	14.0	20	197
CC-40	460/60/3	4.4	34.0	0.8	1/3	5.2	7.0	15	414
CC-52	208/230/60/1	17.9	102.0	3.4	1/2	21.3	26.0	40	197
CC-52	265/60/1	Consult Factory							
CC-52	208/230/60/3	11.3	88.0	3.4	1/2	14.7	18.0	25	197
CC-52	460/60/3	5.5	44.0	1.2	1/2	6.7	9.0	15	414

\*115V, 208/230V 3ph, 265/277V, 460V 3ph (Availability varies by model size)



# CC CHASSIS APPLICATION & BENEFITS

## Fast and Easy Replacement

The Adirondack-Aire CC series replacement chassis fits the existing space and ductwork without modifications. Because the chassis dimensions and construction details are like the original, replacement work is fast and easy. The unit installs without the need for water loop shut-down or draining. Water, drain, hanger bracket, ductwork, and electrical connections line right up to the original installation. Using Adirondack-Aire

replacements eliminates the need for room renovation, redecorating, ductwork and piping changes. The CC 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 stop unit operation before damage occurs should airflow become reduced or obstructed due to dirty coils, obstructed airflow, motor failure or lock up. A freestat 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, 265V 1Ph, 208/230V 3Ph, 460V 3Ph, (Availability varies by model size)
- Hose kits
- Flow control valve

## Performance Ratings

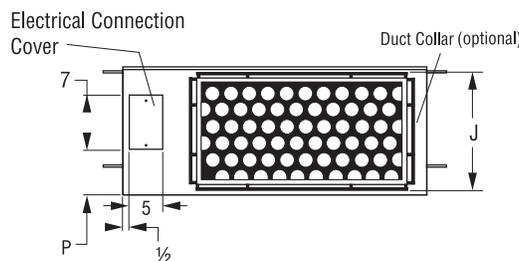
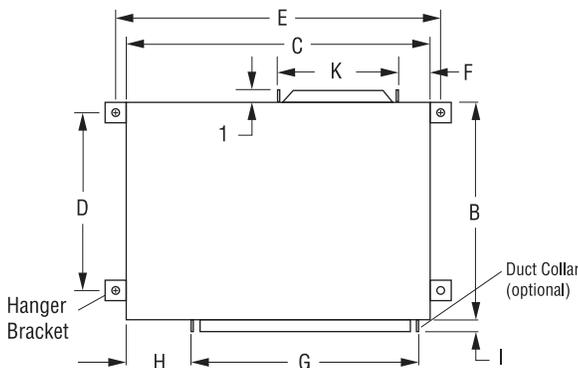
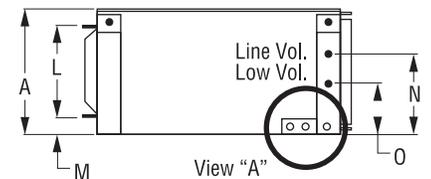
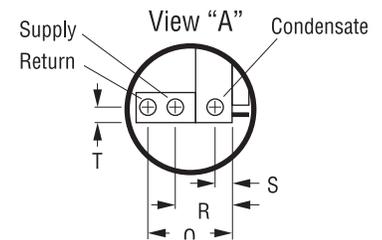
Model	Cooling			Heating		Nominal CFM	Refrigerant	Supply Return	Weight
	Total Btuh	Sens Btuh	EER	Total Btuh	COP				
CC-08*	8,000	6,500	12.2	10,000	4.3	350	R-454B	1/2"	105
CC-10	9,100	7,200	12.2	11,000	4.3	350	R-454B	1/2"	110
CC-12	11,100	8,100	12.8	13,400	4.2	420	R-454B	1/2"	110
CC-15	13,900	9,800	12.3	18,000	4.3	525	R-454B	1/2"	120
CC-20	19,000	13,700	12.7	24,500	4.2	650	R-454B	1/2"	130
CC-26	24,000	18,100	13.8	28,000	4.3	810	R-454B	3/4"	180
CC-33	31,800	22,060	12.6	33,000	4.2	950	R-454B	3/4"	210
CC-40	40,000	27,000	12.3	45,000	4.2	1,350	R-454B	3/4"	210
CC-52	51,000	38,000	13.8	63,000	4.4	1,800	R-454B	3/4"	260

Continuous engineering improvements may result in performance changes without notice.

\*PRELIMINARY DATA

## Unit Sizes (Inches)

Model	A	B	C	D	E	F	G	H	I	J
CC-10, 12	11 1/4	20 1/8	26 1/4	18 1/8	28 7/16	5 3/4	22 5/16	2 3/4	1 3/16	11
CC-15, 20	16 1/4	20 1/8	26 1/4	18 1/8	28 7/16	3 3/4	18 5/8	7 1/16	1 3/16	14 3/8
CC-26, 33, 40	20 1/4	20 7/8	33 3/4	18 7/8	35 15/16	5 3/4	25 1/8	7 7/8	1 3/16	20 1/8
CC-52	21 1/8	20 3/4	46 3/4	18 3/4	48 5/8	9 1/2	34 1/8	11 3/4	1 3/16	20 1/8
Model	K	L	M	N	O	P	Q	R	S	T
CC-10, 12	7 3/4	8 3/8	1 1/2	6 1/4	3	2 5/8	7 1/2	5 1/2	1 1/4	1
CC-15, 20	8 7/8	9	2 7/8	11 1/2	9 1/4	7 3/4	7 1/2	5 1/2	1 1/4	1
CC-26, 33, 40	10 7/8, 10 7/8, 13	10 3/16, 10 3/16, 11 3/8	2 15/16	15 1/2	13 1/4	11 3/4	7 5/8	5 3/8	2 1/2	1
CC-52	13	11 3/8	3 13/16	16 3/8	14 3/8	12 5/8	7 5/8	5 3/8	2 1/2	1 3/4



# INNOVATIVE HEATING AND COOLING SOLUTIONS

Cold Point equipment has been specified in hundreds of projects in these and other applications:  
Direct Replacement | New Construction | Renovation | Commercial & Residential Solutions

## Cold Point values reliability as much as you

Your Cold Point sales representative knows their reputation is on the line with every sale. Therefore, they are as personally invested in your comfort as you are, and take great pride in creating your perfect indoor environment.

## Rest comfortably, knowing Cold Point stands behind our products

The Cold Point Corporation backs our products with a standard warranty that includes labor for the entire first year of ownership. Registered Limited Warranty terms include: 12 month limited warranty on components, 60 month limited warranty on all unit compressors from the date of original installation OR 15 months limited warranty on components, 63 month limited warranty on all unit compressors from the date of original sale, whichever comes first. For all coverage options and complete coverage terms, check with your local Cold Point representative for full details.

## Industry-leading expertise

Cold Point Corporation is the industry-leading supplier of aftermarket comfort solutions for commercial and residential applications. We have over 25 years of experience developing OEM-style replacement products to keep you happy and comfortable. Whether it is a water source heat pump application or an air source PTAC system, Cold Point has the knowledge and products to restore your system to its original operating condition.

## Reliable comfort products backed by the industry experts in OEM-style replacement units

To learn more about how the Cold Point Corporation can help you save time and money on your next project, contact your local Cold Point representative. Call **315-339-2331** to speak with one of our specialists, or e-mail your request to [info@coldpointcorp.com](mailto:info@coldpointcorp.com).

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