

# Adirondack Aire

BY COLD POINT



## Series 814

### ClimateMaster 814

Quality Components | Fast and Easy Replacement | Damage Protection



# ADIRONDACK-AIRE 814 CHASSIS SERIES

## Replaces ClimateMaster 814

The Adirondack-Aire 814 Series chassis is a direct replacement for ClimateMaster 814 series ducted horizontal water source heat pump units. The 814 is a complete unit that contains the compressor, blower, air side heat exchanger, water side heat exchanger, and safety and control components. A full range of unit sizes are available and each are dimensionally identical to the original for a fast, easy, and trouble-free installation. Left inlet-Right discharge, Right inlet-Rear discharge, Right inlet-Left discharge, and Left inlet-Rear discharge configurations are available and line right up with the existing ductwork. Low Voltage wiring is compatible with the original wall thermostat.

Quality components, careful design and testing and the latest in environment friendly technology mean long 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 protection, high-pressure over protection, and lockout circuit. Adirondack-Aire is the replacement solution that the competition can't match. Heavy gauge mounting brackets and isolation grommets are provided. Cold Point Corp. backs the 814 with a customer friendly one-year parts and labor warranty and five-year compressor warranty, (see Warranty document for details).

### Standard Features:

- Made in the USA
- Designed for easy installation and compatibility. Dimensionally identical to original ClimateMaster 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
- Refrigerant circuit access ports
- Precision selected capillary tube refrigerant control
- Positive shift reversing valve
- Precision charged with R-454B A2L refrigerant
- 1/2" FPT water connections
- 1 Inch fiberglass or natural fiber air filter

### Electrical Data

Model	Voltage Volt-Hz-Ph	Compressor		Fan		Total Amps	Ckt Amps	Max Fuse	Min Volts
		RLA	LRA	Amps	HP				
814-10	208-230/60/1	3.6	22.2	0.6	1/10	4.2	6	15	197
814-10	265/60/1	3.4	18.8	0.6	1/10	4.0	5	15	240
814-12	208-230/60/1	4.6	28.0	0.6	1/10	5.2	7	15	197
814-12	265/60/1	3.8	22.2	0.6	1/10	4.4	6	15	240



# 814 CHASSIS APPLICATION & BENEFITS

## Fast and Easy Replacement

The Adirondack-Aire 814 series replacement units fit 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 814 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, or motor failure or lock up. A freeze-stat 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)
- Flow control valve
- Inlet-discharge configurations
- Hose kits
- Extended warranty

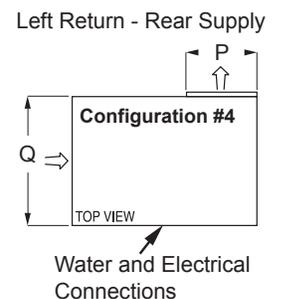
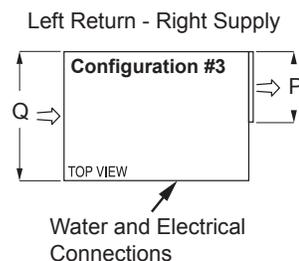
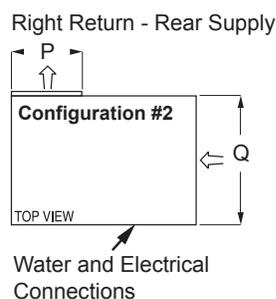
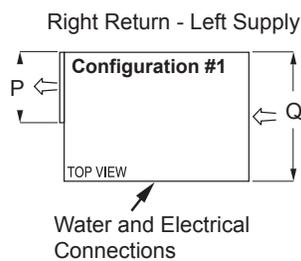
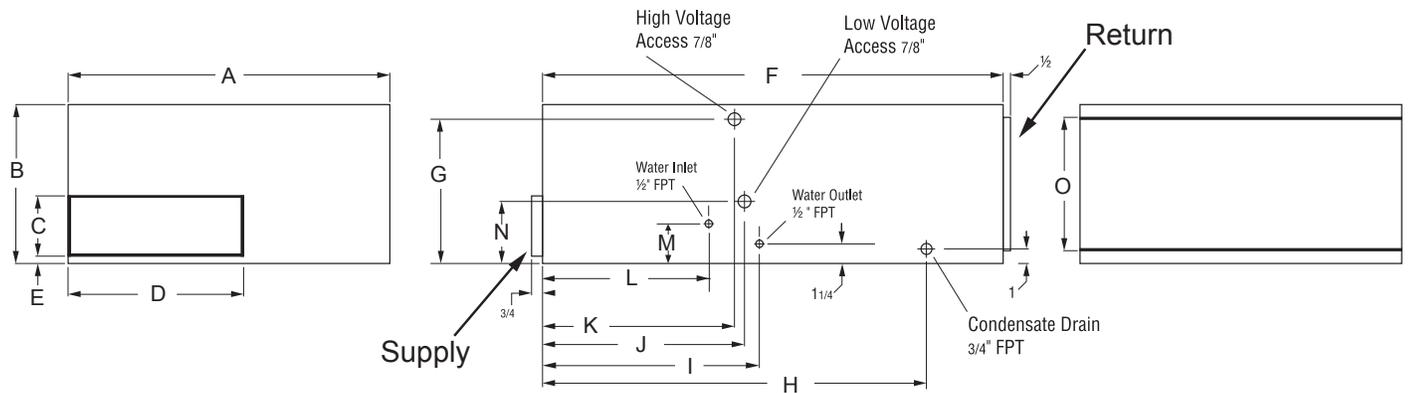
## Performance Ratings

Model	Cooling			Heating		Water Coil		CFM		Refrigerant
	Btuh	Sens Btuh	EER	Heat Btuh	COP	GPM	Coil PD	Rated	ESP.	
814-10	9,400	7,300	12.0	11,600	4.2	2.5	5.1	330	0.10"	R-454B
814-12	11,000	8,450	13.7	13,600	4.2	3.6	8.0	390	0.15"	R-454B

Continuous engineering improvements may result in performance changes without notice.

## Unit Sizes

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	Shipping Weight (lbs)
	Inches																	
814-10	22	10 7/8	4 1/8	12	1/2	31 1/4	9 7/8	26 1/4	14	13 3/4	13	12 1/2	2 3/4	4 3/8	9 1/8	12	22	130
814-12	22	10 7/8	4 1/8	12	1/2	31 1/4	9 7/8	26 1/4	14	13 3/4	13	12 1/2	2 3/4	4 3/8	9 1/8	12	22	140



# 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).

Your Cold Point Representative:



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rev. 11-24 CPL001