

# Adirondack Aire

BY COLD POINT



## Series 801

### ClimateMaster / Friedrich 801 Series

Application Flexible | Fast and Easy Replacement | Damage Protection



# ADIRONDACK-AIRE 801 CHASSIS SERIES

*Replaces ClimateMaster / Friedrich 801*

Adirondack-Aire 801 series replacement 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 ClimateMaster/Friedrich 801 series console water source heat pump units. The 801 console units are offered as chassis-only to work with the existing or custom room cabinets, or with a new cabinet for a complete installation. 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 801 and available with LH or RH piping and wiring 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: stainless steel drain pan\*, refrigerant circuit filter-drier, electrostatic air filter (cabinet mounted), evaporator freeze protection, water coil freezestat, high-pressure over protection, and electronic control board. These features set Adirondack-Aire apart as the choice that the competition can't match. Cold Point Corp. backs the 801 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/Friedrich 801 chassis
- ETL safety labeled
- Quiet, durable, and efficient rotary compressor with built-in pressure and temperature protection
- Heavy gauge G90 galvanized steel construction
- Stainless steel drain pan\*
- High efficiency copper tube-aluminum fin evaporator coil
- High efficiency coaxial condenser coil with low water-side pressure drop
- Unit-mounted digital MCO/ACO controls
- Electronic control board with anti-short cycle protection
- High pressure switch
- Refrigerant circuit bi-flow filter-drier
- Water coil freeze protection
- Evaporator coil freeze protection
- Precision selected capillary tube refrigerant control
- Positive shift reversing valve
- Precision charged with R-454B A2L refrigerant
- 1/2 Inch water connections
- Electrostatic air filter (cabinet mounted)

## Electrical Data

Model	Compressor Type	Voltage Volt-Hz-Ph	Fan		Compressor		Total Amps	Ckt Amps	Max Fuse	Min Volts
			Amps	HP	RLA	LRA				
801-08	Rotary	115/60/1	1.2	1/10	5.9	34.8	7.1	8.6	15	104
801-08	Rotary	208/230/60/1	0.4	1/10	3.1	15.4	3.5	4.3	15	197
801-08	Rotary	265/60/1	0.4	1/10	2.5	13.7	2.9	3.5	15	240
801-10	Rotary	115/60/1	1.2	1/10	7.7	50.0	8.9	10.8	15	104
801-10	Rotary	208/230/60/1	0.4	1/10	3.9	22.0	4.3	5.3	15	197
801-10	Rotary	265/60/1	0.4	1/10	3.5	23.0	3.9	4.8	15	240
801-12	Rotary	115/60/1	1.2	1/10	9.5	57.0	10.7	13.1	15	104
801-12	Rotary	208/230/60/1	0.4	1/10	5.0	25.0	5.4	6.7	15	197
801-12	Rotary	265/60/1	0.4	1/10	4.0	21.0	4.4	5.4	15	240
801-15	Rotary	208/230/60/1	0.6	1/6	6.0	26.0	6.0	7.5	15	197
801-15	Rotary	265/60/1	0.6	1/6	5.3	21.0	5.3	6.6	15	240
801-19	Rotary	208/230/60/1	0.6	1/10	7.1	35.0	7.7	9.5	15	197
801-19	Rotary	265/60/1	0.6	1/10	5.8	27.0	6.4	7.9	15	240



# 801 CHASSIS APPLICATION & BENEFITS

## Fast and Easy Replacement

The Adirondack-Aire 801 series console water source heat pump is the unmatched choice for new construction/renovation/direct replacement projects. It includes the added benefit of being a direct replacement chassis that fits the existing ClimateMaster/Friedrich room cabinets without modification. For new installations, this thoughtfully designed unit offers unmatched ease of installation and service, quiet operation, and long, trouble-free operation. As a replacement unit, the chassis construction physically matches the original with water, drain and electrical size and locations that line right up to the existing connections. Adirondack-Aire eliminates the need for room renovation,

redecorating, or piping and wiring changes. The 801 is the solution that gets your property back in service quickly and at the lowest total cost. Choose the optional room cabinet for new installations or to give replacement installations 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 filters, obstructed airflow, or motor failure. A freezestat protects the water coil from freeze damage due to water temperature or flow problems. The water coil utilizes a

high efficiency convoluted tube design that minimizes waterside fouling.

## Options and Accessories

- Room cabinet (LH and RH available)
- Control options
- 115V and 265/ 277V (Availability varies by model size)
- Flow control valve
- Valves and unions
- Extended operating range
- Electric heat (boilerless)
- Hose kits
- Customer-specified custom features

## Performance Ratings

Model	Cool Btuh	Sens Btuh	EER	Heat Btuh	COP	CFM Hi/Lo	GPM	Coil PD	Refrigerant
801-08	Consult Factory								
801-10	10,000	7,200	12.6	11,000	4.3	480/380	2.5	1.8'	R-454B
801-12	12,300	8,600	12.2	13,500	4.3	430/330	3.0	2.5'	R-454B
801-15	Consult Factory								
801-19	17,600		13.0	20,600	4.3	540/240	4.5	3.3'	R-454B

Continuous engineering improvements may result in performance changes without notice.

## Electrical Heat Ratings\* (Boilerless)

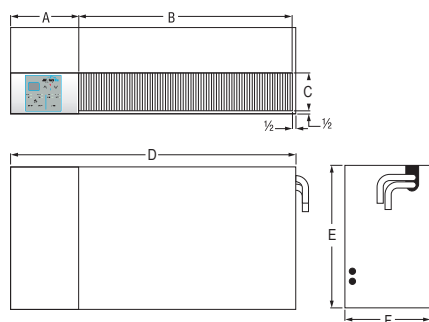
Heater No.	Volt	Watts	Btuh	HTR Amps	Total HTR Amps	Min Ckt Amps	Max Fuse
1	208	1,000	3,400	4.8	5.4	7	15
	230	1,220	4,160	5.3	5.9	7	15
2	208	2,000	6,820	9.6	10.2	13	15
	230	2,450	8,350	10.7	11.3	14	15
	277	2,000	6,820	7.3	7.9	10	15

\*Optional

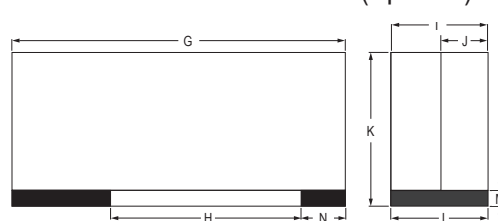
## Unit Sizes

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Chassis Weight (lbs)
	Inches														
801-08	9 1/2	31	5 1/2	41	19 5/8	12 1/8	48	30 7/8	13	6	24	12 1/4	3 1/16	5 1/2	112
801-10	9 1/2	31	5 1/2	41	19 5/8	12 1/8	48	30 7/8	13	6	24	12 1/4	3 1/16	5 1/2	112
801-12	9 1/2	31	5 1/2	41	19 5/8	12 1/8	48	30 7/8	13	6	24	12 1/4	3 1/16	5 1/2	130
801-15	11 1/2	33	5 1/2	45	19 5/8	12 1/8	52	32 7/8	13	6	24	12 1/4	3 1/16	5 1/2	137
801-19	11 1/2	33	5 1/2	45	19 5/8	12 1/8	52	32 7/8	13	6	24	12 1/4	3 1/16	5 1/2	141

## Chassis



## Room Cabinet with Sub-Base (Optional)



## 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 

277V Line cord N/A as factory installed

# 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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rev. 11-24 CPL001