

Series 800

ClimateMaster / Friedrich 800 Series

Application Flexible | Fast and Easy Replacement | Damage Protection



ADIRONDACK-AIRE 800 CHASSIS SERIES

Replaces ClimateMaster / Friedrich 800

Adirondack-Aire 800 series zerOzone replacement console chassis 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 800 series console water source heat pump units. The 800 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 & 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 800 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 means long unit life, user satisfaction, and lower energy costs. Consider the extensive list of standard features which includes: powder painted 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 800 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 chassis
- ETL safety labeled
- Quiet, durable, and efficient rotary 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 convoluted water tube
- 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
- Capillary expansion
- Positive shift reversing valve
- Precision charged with zerOzone R-410A 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				
800-08	Rotary	115/60/1	1.20	1/10	7.0	45.6	8.2	10	15	104
800-08	Rotary	208/230/60/1	0.35	1/10	3.0	15.0	3.4	4	15	197
800-08	Rotary	265/60/1	0.35	1/10	2.7	11.0	3.1	4	15	240
800-10	Rotary	115/60/1	1.20	1/10	8.0	50.0	9.2	11	15	104
800-10	Rotary	208/230/60/1	0.60	1/10	3.7	22.0	4.3	5	15	197
800-10	Rotary	265/60/1	0.60	1/10	3.5	22.0	4.1	5	15	240
800-12	Rotary	115/60/1	1.20	1/10	8.0	50.0	9.2	11	15	104
800-12	Rotary	208/230/60/1	0.60	1/10	4.7	25.0	5.3	7	15	197
800-12	Rotary	265/60/1	0.60	1/10	4.2	22.0	4.8	6	15	240
800-15	Rotary	208/230/60/1	0.60	1/10	5.6	29.0	6.2	8	15	197
800-15	Rotary	265/60/1	0.60	1/10	5.0	28.0	5.6	7	15	240
800-19	Rotary	208/230/60/1	0.60	1/10	7.4	33.0	8.0	10	15	197
800-19	Rotary	265/60/1	0.60	1/10	6.0	28.0	6.6	8	15	240



800 CHASSIS APPLICATION & BENEFITS

Fast and Easy Replacement

The Adirondack-Aire 800 series zerOzone console water source heat pump is the unmatched choice for new construction, renovation, or direct replacement projects. It includes the added benefit of being a direct replacement chassis that fits 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 & 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 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 water-side 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	Refrig.
800-08	Consult Factory								
800-10	10,600	9,100	13.0	11,600	4.5	420/350	2.5	1.8'	R-410A
800-12	12,500	9,600	13.4	14,000	4.4	420/350	3.0	2.5'	R-410A
800-15	Consult Factory								
800-19	Consult Factory								

Continuous engineering improvements may result in performance changes without notice.

Electrical Heat Ratings* (Boilerless)

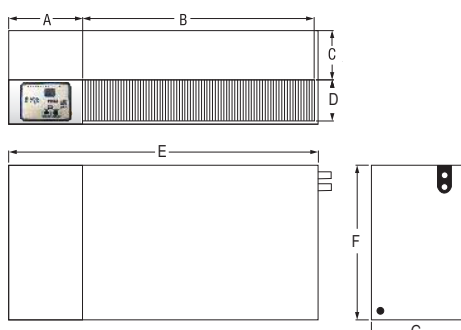
Heater No.	Volt	Watts	Btuh	HTR Amps	Total HTR Amps	Min Ckt Amps	Max Fuse
1	208	1,000	3,400	4.8	5.4	7	15
	230	1,220	4,160	5.3	5.9	7	15
	277	1,000	3,400	3.6	4.2	5	15
2	208	2,000	6,820	9.6	10.2	13	15
	230	2,450	8,350	10.7	11.3	14	15
	277	2,000	6,820	7.3	7.9	10	15

*Optional

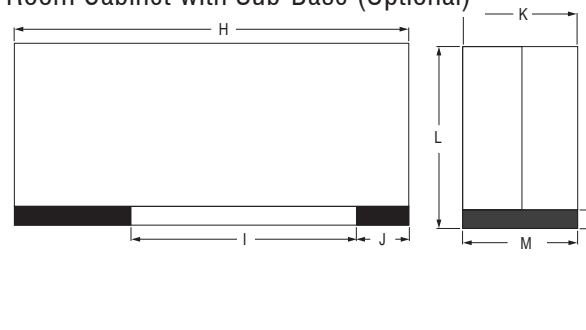
Unit Sizes

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Chassis Weight (lbs)
Inches															
800-08	14 5/8	31 1/4	7 1/4	4	45 7/8	18 5/8	11 9/16	55	32 3/8	4 1/2	12	24	11 3/8	4	112
800-10	14 5/8	31 1/4	7 1/4	4	45 7/8	18 5/8	11 9/16	55	32 3/8	4 1/2	12	24	11 3/8	4	112
800-12	14 5/8	31 1/4	7 1/4	4	45 7/8	18 5/8	11 9/16	55	32 3/8	4 1/2	12	24	11 3/8	4	130
800-15	Consult Factory														137
800-19	Consult Factory														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 18 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.

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