

Omega 816 replacement chassis unit is an ideal replacement and upgrade for the old ClimateMaster 816 units. The chassis is a direct-drop in for the existing ClimateMaster unit allowing for a fast, simple and easy installation.

The Omega 816 is available in two electrical configurations based on replacement requirements:

- The “M” control option comes with matching 9 pin harness to mate with existing ClimateMaster “M” controls electrical box.
- The Omega electrical package replaces existing electrical controls with a completely new, pre-wired electrical package including updated controls, wiring, and a full featured advanced microprocessor controller.

Each unit features modern components and chassis noise cancelling base providing the user with silent, energy efficient, and reliable year-round operation.

STANDARD FEATURES

- Factory charged and tested
- High efficiency compressors
- High and Low-Pressure safety switches
- Freeze Protection sensor
- Double Isolated Compressor Base
- Thermal Expansion Valve (TXV) & Filter Drier
- R-410A Environmentally friendly refrigerant
- Stainless Steel Drain Pan
- Refrigerant service access ports
- Heavy gauge galvanized sheet metal
- 1 Year Parts and 5 Year Compressor Warranty

QUICK & EASY

Omega 816 replacement chassis is dimensionally identical to old ClimateMaster 816 unit for a quick and easy installation. Simply remove old chassis and install new Omega unit. The “M” control option comes with a plug-n-play harness* for quick connection to existing controls. The optional Omega electrical package replaces existing electrical box components and controls. Water connections match existing cabinet connections for a seamless transition.

SAFETY

Replacement chassis comes standard with high-pressure and low-pressure safety switches, and refrigerant low temperature switch to protect unit from unwanted operating conditions such as air-flow blockages, water flow disruptions, and motor failures. Omega electrical package control option features water temperature sensors, advanced unit monitoring and diagnostics.

COMFORT & RELIABILITY

Quiet and reliable operation from the use of quality components and construction. High-efficient compressors and built-in noise cancelling features ensures silent unit operation. All new Omega units come with our standard 1 year parts and 5 Year compressor warranty.

*Only compatible with existing ClimateMaster ‘M’ controls box. Verify existing controls and harness connections prior to ordering.

OPTIONS & ACCESSORIES

- Omega Electrical Package w/ Advanced Microprocessor
- Thermostat
- Auto-Flow Balancing valve
- Auto Shut-Off Control valve
- Geothermal Option
- Coated Air Coil for Formicary Corrosion Protection
- Air Filters

Check www.omega-heatpump.com for latest information.

Performance Data

Omega Model	Refrig.	Size (Tons)	Nominal CFM	Cooling*		Heating*		Nominal GPM	WPD	
				BTUH ¹	EER ¹	BTUH ²	COP ²		PSI	FT
RPC-CM-816-030	R-410A	3/4	310	9,900	12.6	14,100	4.4	2.5	4.3	10
RPC-CM-816-040	R-410A	1	475	13,000	13.3	16,600	4.4	3.0	4.5	10
RPC-CM-816-060	R-410A	1 1/2	600	17,600	12.1	22,600	4.2	4.5	5.1	12

* Nominal capacity performance based on 86F EWT Cooling, 68F EWT Heating and rated CFM. Includes fan power 0.365W/CFM

¹ Cooling performance based on 80F DB and 67F WB entering air conditions.

² Heating performance at 68F entering air.

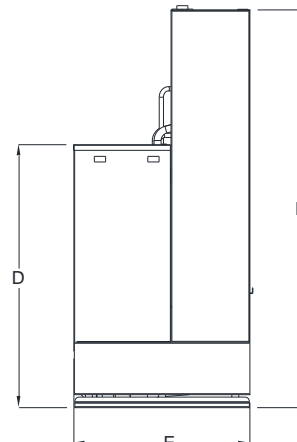
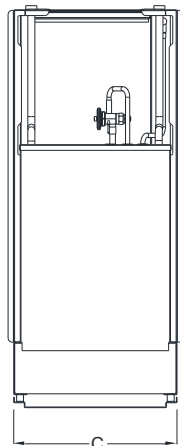
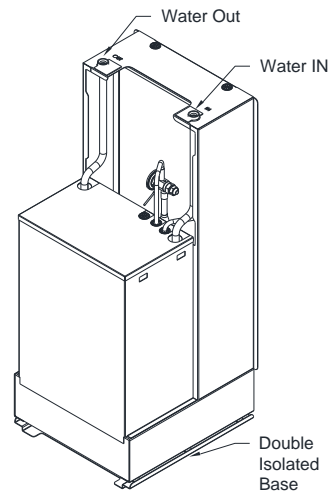
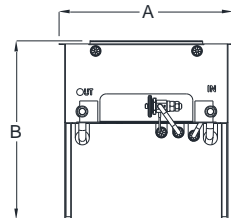
Dimensional Data

Omega Model	Dimensions (inches)						Water Connection		Weight (lbs.)
	A	B	C	D	E	F	Outlet	Inlet	
RPC-CM-816-030	15 1/2	15 5/8	14 1/2	23 3/8	15 5/8	35 1/2	1/2 HA	1/2 HA	70
RPC-CM-816-040	15 1/2	15 5/8	14 1/2	23 3/8	15 5/8	35 1/2	1/2 HA	1/2 HA	75
RPC-CM-816-060	18 1/2	18 5/8	17 1/2	22 1/4	18 5/8	40 7/8	1/2 HA	1/2 HA	100

Electrical Data

MODEL	Compressor Type	Supply Voltage	Compressor		
			QTY	RLA	LRA
RPC-CM-816-030	Rotary	208-230/1/60	1	@ 3.7	22.0
RPC-CM-816-040	Rotary	208-230/1/60	1	@ 4.7	25.0
RPC-CM-816-060	Rotary	208-230/1/60	1	@ 7.4	33.0

VERIFY EXISTING ELECTRICAL SERVICE IS ADEQUATE FOR NEW REPLACEMENT CHASSIS



Due to a continuous product improvement policy, dimensions and performance data are subject to change without notice. Check www.omega-heatpump.com for latest information.