

*Introducing  
Series 816 Chassis Replacement*



**WSHP**

# Ice Air Series 816

## Replaces ClimateMaster 816

**When it's time to replace your Vertical WSHP chassis...you want to install the best parts.**

The Ice Air Series 816 Chassis Replacement is designed to exactly replace the ClimateMaster 816 Vertical Stacked Water Source Heat Pump (WSHP). Series 816 provides environmentally friendly cooling and heating where individual, quiet control is a priority.

Featuring Ice Air ExactFit™, the Series 816 is dimensionally identical to the original for a fast, easy, and trouble-free installation. Quality components, careful design and testing and the latest in environmentally friendly technology advances mean long unit life, user satisfaction and lower energy costs. No field modification kits or builder renovations required.

**Ice Air is the replacement solution the competition can't match.**

The application-flexible Series 816 chassis is a part of a complete system, which consists of the chassis, blower section, control box, and furred-in room cabinet with risers. The chassis contains the compressor, air side heat exchanger, water side heat exchanger, and refrigerant circuit control and safety components.

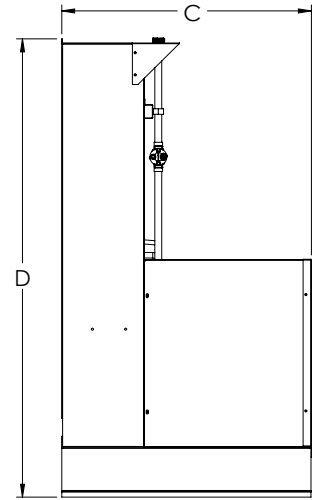
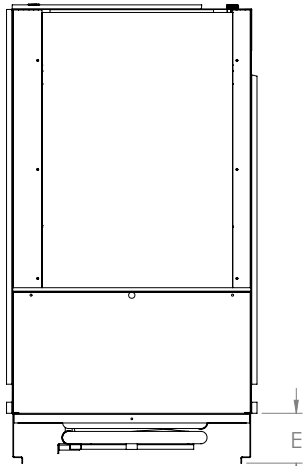
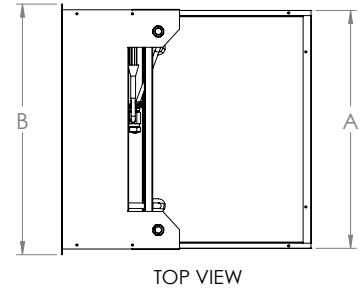
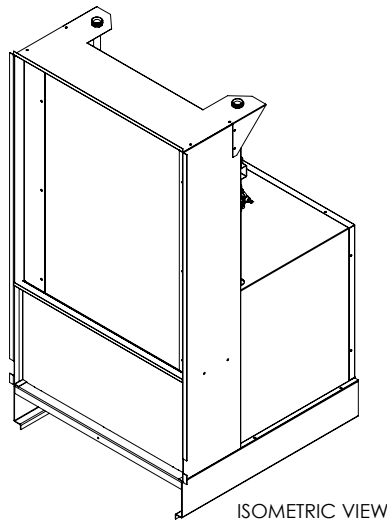


### Fast and Easy Replacement

The Ice Air Series 816 replacement chassis fits the existing ClimateMaster room cabinets and works with the existing blower section and control box without modification. Because the chassis dimensions and construction details are like the original, replacement is fast and easy. The chassis is designed to fit into the existing wall sleeve, ensuring a simple slide-in retrofit to the existing unit. Using Ice Air Series 816 chassis replacement eliminates the need for room renovation, redecorating, and piping changes and is the solution that gets you back in service quickly and at the lowest total cost.



We have 40 years of experience in providing superior cooling and heating products, guaranteeing a highly efficient, top quality replacement unit that will provide many years of quiet, reliable comfort conditioning.



MODEL SIZE	A	B	C	D	E
09, 12, 15	14 1/2	15 1/2	15 1/2	36 3/4	4 1/4
18	17 3/8	18 1/2	18 5/8	41 3/8	4 1/2
24, 30, 36	21 1/2	22 5/8	22 1/2	41 3/8	4 1/2

MODEL	8VS81609	8VS81612	8VS81615	8VS81618	8VS81624	8VS81630	8VS81624
<b>COOLING CAPACITY</b>	9,000	12,500	13,300	18,000	25,200	27,000	36,000
<b>SENSIBLE CAPACITY</b>	7,100	9,700	10,600	12,800	20,200	22,200	26,220
<b>COOLING EER</b>	13.3	14.4	14.4	14.1	13.7	13.7	13.0
<b>HEATING CAPACITY</b>	12,000	14,000	15,300	20,100	31,000	32,000	41,000
<b>HEATING COP</b>	4.4	4.5	4.4	4.4	4.4	4.4	4.3
<b>FLOW RATE (GPM)</b>	2.5	3.0	3.8	5.0	7.0	7.5	9.0
<b>TYPICAL CFM</b>	420	440	460	630	1000	1000	1150

**SPECIFICATION NOTES:**

COOLING CAPACITY BTUH RATED @ 80.6°F DB, 66.2°F WB EAT, 86°F EWT @ 3 GPM/TON  
 HEATING CAPACITY BTUH RATED @ 68°F DB, 59°F WB EAT, 68°F EWT @ 3 GPM/TON

# Electrified Product Family



\* By making energy-saving upgrades today, you can give your building a head start on upcoming changes to city regulations such as NYC Law 97.

## RSXC Series\*

Cold Climate PTHPs give you the performance of a VRF system with the convenience of a PTAC. Using breakthrough cold climate technology allows Ice Air PTHPs to efficiently provide space heating down to -5°F and below.



## HPWH Series\*

Air-Source Cold Climate Heat Pump DHWs capture the free energy in the environment and convert it to hot water. These units are certified to operate down to -13°F.



## SPXC Series\*

Cold Climate SPXCs are self-contained, concealed, ducted systems. This line of vertical packaged heat pumps serve multiple spaces through concealed ductwork to efficiently provide space heating to -5°F and below.



## ICE AIR VRF



W Series



S Series



H Series

### OUTDOOR UNITS

Ice Air VRF Systems include air-cooled heat pump, air-cooled heat recovery, and water-cooled heat pump condensing units.



### INDOOR UNITS

Ice Air VRF Indoor Units are offered in a variety of different configurations to meet every application need.

## VSHPGA

## Geothermal



Ice Air's Geothermal WSHP is a versatile geothermal heat pump that's available in a range of sizes and configurations for convenient installation. Fully compatible with geothermal conditions, Ice Air's Geothermal WSHP provides an ideal solution for whisper quiet cooling and heating within a tight footprint.

## Other Products

### FCU

#### Fan Coil Units



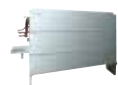
Horizontal Concealed



Horizontal Ultra Thin



Vertical Exposed



Vertical Concealed



Hi Rise

This simple and easy cooling and heating solution provides reliable performance, high efficiency, ease of operation, low cost, easy installation, quiet comfort and a variety of solution-based options.

### HWCAC

#### Hybrid Water-Cooled Air Conditioners



Vertical Closet



Horizontal



Console



Vertical Stack

The HWCAC is an innovative system that combines high-efficiency cooling with a hot water coil that provides hydronic heat without using the unit's compressor.

### WSHP

#### Water Source Heat Pumps



Vertical Closet



Horizontal



Console



Vertical Stack

WSHPs heating and cooling units provide efficient room-by-room comfort. Units function independently and are piped to a central water loop. These state-of-the-art units come with user friendly digital controls designed to optimize user comfort and ease of operation.

### SPAC/SPHP

#### Single Packaged AC/Heat Pumps



As a unique air-to-air system, SPAC/SPHPs provide versatility with ultra-quiet operation. The SPAC/SPHP is designed to

cool and heat single or multiple spaces within multi-family, lodging, dormitory or light commercial buildings.

### PTAC

#### Packaged Terminal Air Conditioners



new construction, retrofit and ExactFit™ replacement applications.

PTACs are designed for ultra-high efficiency and comply with LEED® criteria in a durable, user-friendly package. Available for



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