

WATER-COOLED INDOOR/OUTDOOR



CR43WC
8000 BTU/Hr.
2345 Watt

INDUSTRY STANDARDS

UL/cUL Listed; Type 4; 4X optional; File No. SA6453
UR/cUR Recognized

UR/cUR Recognized on select models, reference performance data tables.

CE
EAC

APPLICATION

- Industrial automation
- Package handling equipment
- Food and beverage
- Wastewater treatment
- Security and defense systems
- Pulp and paper
- And more

FEATURES

- Robust reciprocating compressor
- R134a earth-friendly refrigerant
- Models for 115 and 230 VAC power input
- UL Listed or Recognized to save customers time and money with agency approvals
- Operating temperature range from 50 F/10 C to 125 F/52 C
- Attractive industrial design with minimal use of visible fasteners
- Reliable mechanical thermostat located behind the front panel of the unit
- Low-carbon mild-steel sheet-metal cover for rugged factory and outdoor environments
- Easy-mount flanges for simple installation
- Mounting hardware, gaskets and user manual furnished with the unit
- Every unit functionally tested before shipping
- Heat is removed from the system by means of the water cooling the refrigerant; no external air movers or condenser coils to get clogged
- Maximum water usage of 2 GPM at 90 F water intake temperature
- Standard Indoor Air Conditioner models also include:
 - Electro-Mechanical Thermostat
 - Surge Suppressor

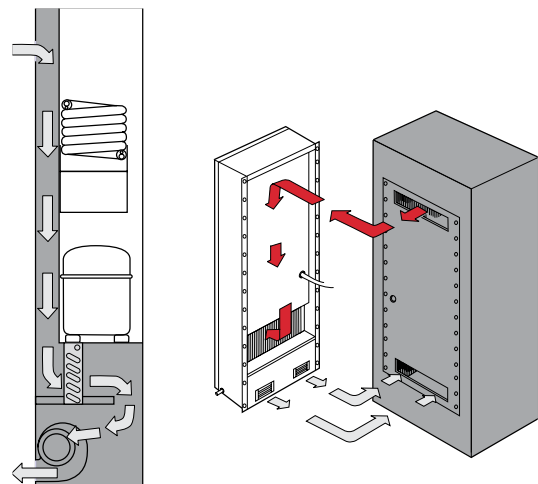
FINISH

- RAL 7035 light-gray, semi-textured powder-coat paint standard
- Stainless steel Type 304 or 316 finishes available on Type 4X models
- Other colors and textures available

OPTIONS

- Thermostat Malfunction Package
- Special Voltage Package
- Active Condensate Evaporator Package
- Harsh Environment Package*
- Stainless Steel Package*

* Consult the factory for availability and catalog number.

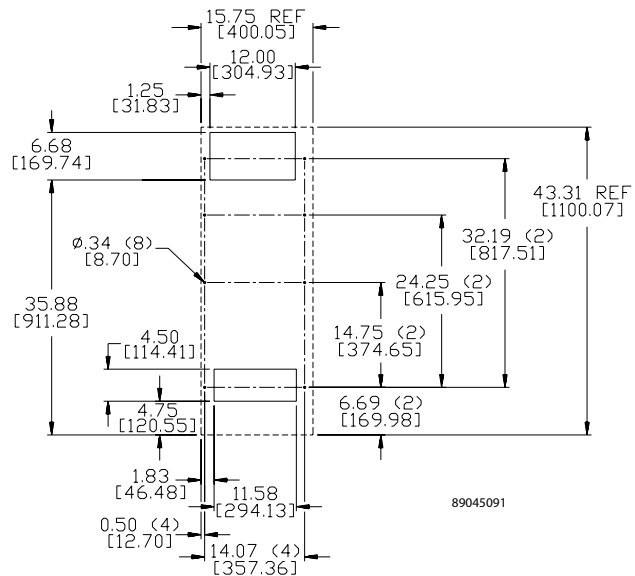
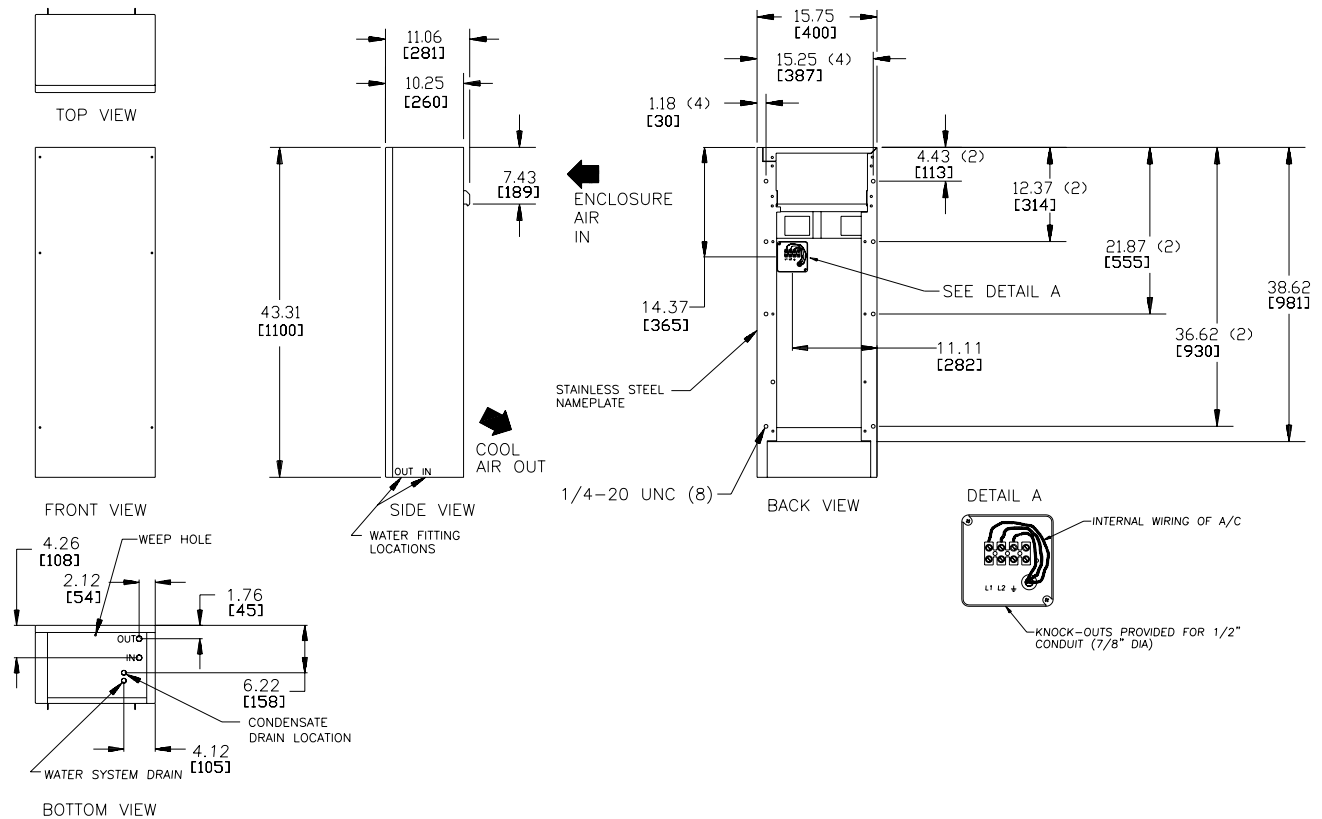


CR43WC

Performance Data **CR43WC Models 8000 BTU/Hr. (2345 Watt)**

CATALOG NUMBER	
Indoor/Outdoor Model	CR430816GW010
CR430826GW010	
COOLING PERFORMANCE	
Nominal:	
BTU/Hr.	8500
Watts	2490
Refrigerant	R-134A
Refrigerant Charge (ounces/grams)	12/341
Operating Temperature Range:	
Maximum (°F/°C)	131/55
Minimum (°F/°C)	50/10
Airflow at 0 Static Pressure:	
Internal loop 50 Hz (CFM / m ³ /hr.)	135/229
External loop 50 Hz	Waterflow: 1.5 GPM @ 90F
Internal loop 60 Hz (CFM / m ³ /hr.)	145/246
External loop 60 Hz	Waterflow: 1.5 GPM @ 90F
ELECTRICAL DATA	
Rated Voltage	115
Frequency (Hz)	50/60
Operating Range	+/- 10%
Max. Power Consumption (W at 50 / 60 Hz)	1518/1495
Max. Nominal Current (A at 50 / 60 Hz)	13.2/13
Starting Current (A)	48.3
Agency Approvals	UL/cUL Listed CE EAC
Power Input Description	6-ft. cord with NEMA 5-15 plug
6-ft. cord with NEMA 6-15 plug	
ENCLOSURE PROTECTION	
UL Type	Type 4 standard Type 4X Stainless steel optional
CONTROLLER	
Description	Basic mechanical thermostat
Thermostat Location	Behind front cover
Factory Thermostat Setting (°F/°C)	80/27
SOUND LEVEL	
At 1.5 Meters	61 dB(A)
UNIT CONSTRUCTION	
Material	Mild steel sheet metal standard Stainless steel optional
Finish	RAL 7035 light-gray, semi-textured powder-coat paint standard
UNIT DIMENSIONS	
Height (in./mm)	43.31/1100
Width (in./mm)	15.75/400
Depth (in./mm)	10.25/260.4
Weight (lb./kg)	86/39

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Cutout Dimensions

Visit nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.

Notes