



Proudly Engineered,
Tested / Listed,
and Manufactured
in the USA



VoltAire Systems **HTC Series Counter Flow** Heat Exchangers are designed to remove heat from cabinets that have sensitive electronics or telecommunications equipment. All of our heat exchangers are closed loop cooling, ensuring an interior cabinet environment free of dust and humidity.

Standard Features

- UL Recognized
- High-performance fans
- Fan speed and alarm control board
- Closed-loop certified UL Type 4(X) cooling for outside plant applications
- Epoxy-coated aluminum counter-flow core
- Designed in accordance with GR-487 specifications
- Stainless steel hardware
- Powder coated aluminum cover
- Corrosion resistant Acrylume enclosure

Optional Features

- Stainless steel cover
- Custom paint finishes

Applications

- Radio base stations
- Telecom shelters, indoor & outdoor OSP cabinets
- Network switching rooms and computer rooms
- Oil and gas equipment
- Mining equipment
- Automation control cabinets, and process control centers
- CNC machines
- Drive cabinets
- Solar cabinets
- Digital advertisement boards and kiosk display systems
- Power supply cabinets, battery cabinets and rectifier cabinets
- Power distribution cabinets





Website:
www.voltairesys.com

Phone:
(407) 378-7482

Address:
2900 W. Orange Ave. Ste. 100
Apopka, FL 32703

VoltAire Doc. #BC0217C
Published June 11, 2019

Technical Data

Model	HTC15	HTC20	HTC25	HTC42	HTC55	HTC90
Performance						
Cooling Capacity	15W/°F 27W/°C	20W/°F 36W/°C	25W/°F 45W/°C	42W/°F 75W/°C	55W/°F 99W/°C	90W/°F 162W/°C
Operational Temperature (°F / °C)	-40 to 158 / -40 to 70					
Sound at 3m (dBa)	51	56	64	66	71	68
Electrical Data						
Voltage Input	48VDC					
Current Draw (amps)	0.5	0.8	1.7	1.8	3.5	4.8
Unit Dimensions						
Height (in/mm)	20.0 / 508		23.9 / 607		46.3 / 1176	
Width (in/mm)	12.3 / 312		18.0 / 457		19.4 / 493	
Depth (in/mm)	7.6 / 193		8.0 / 203		11.3 / 287	
Weight (lb/kg)	22.0 / 10		36.5 / 16		37.4 / 17	
Approvals						
		UL 1995 and Type 4(X)				



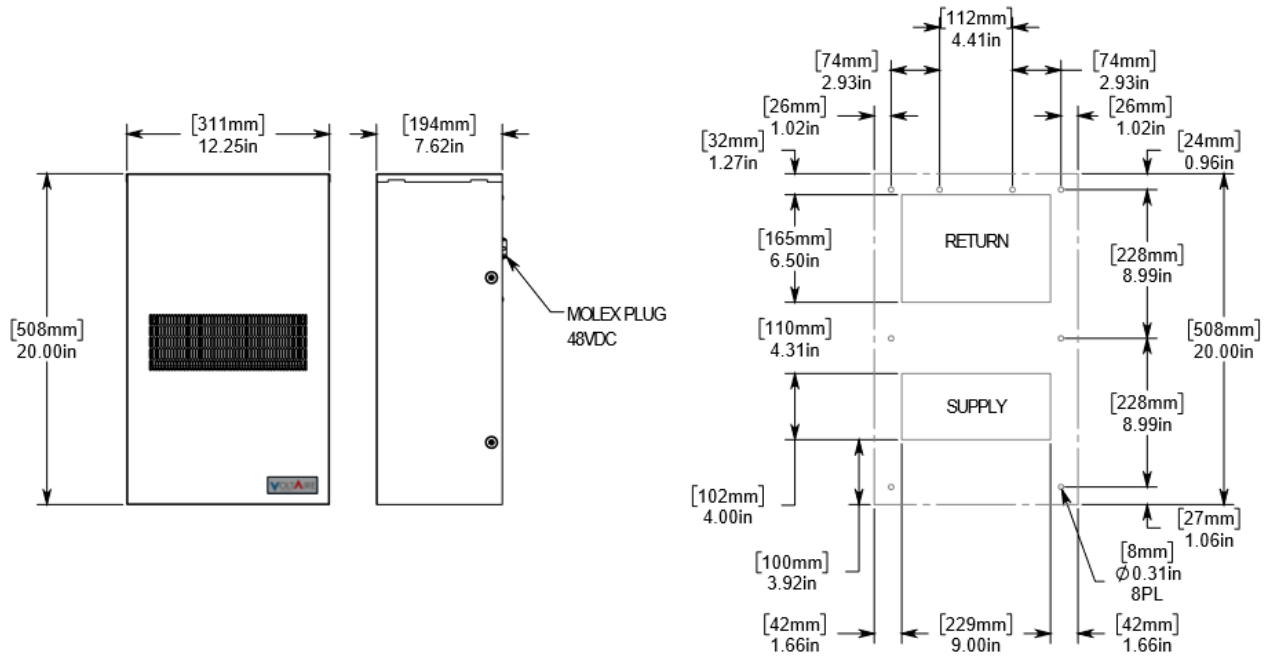
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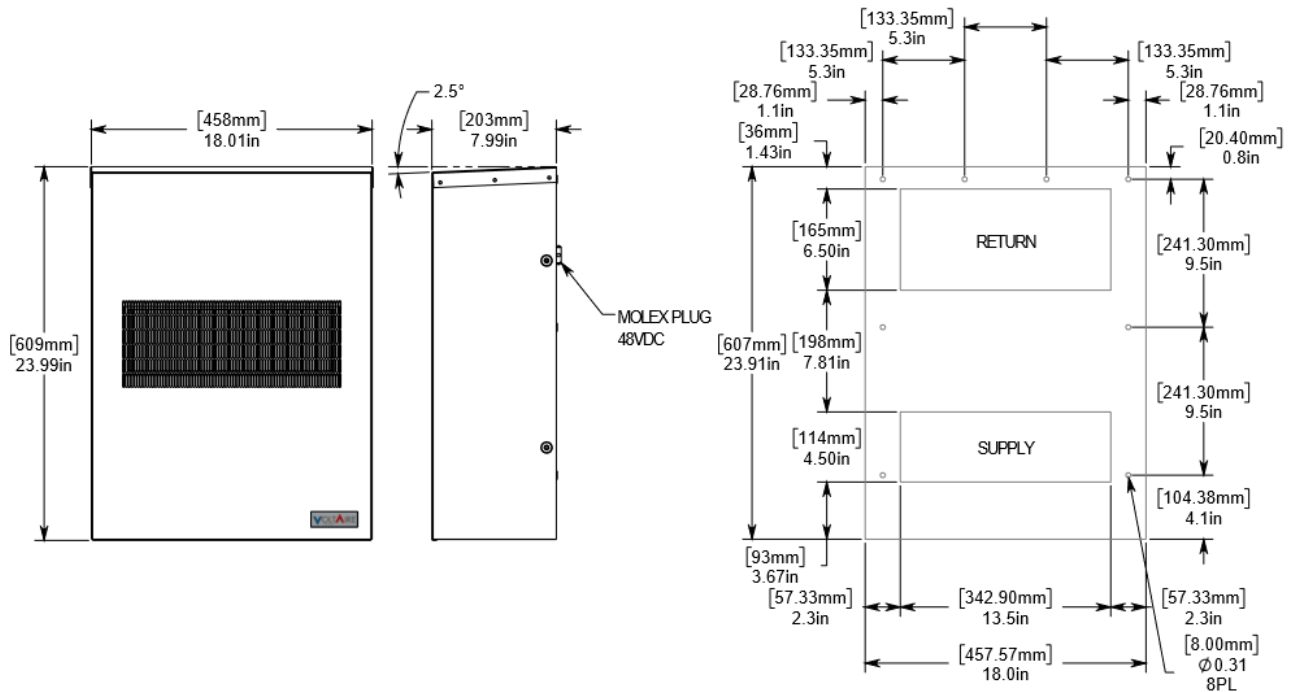
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Mounting Diagrams – Overall Dimensions and Cabinet Cutouts



HTC015, HTC020, HTC025



HTC042, HTC055

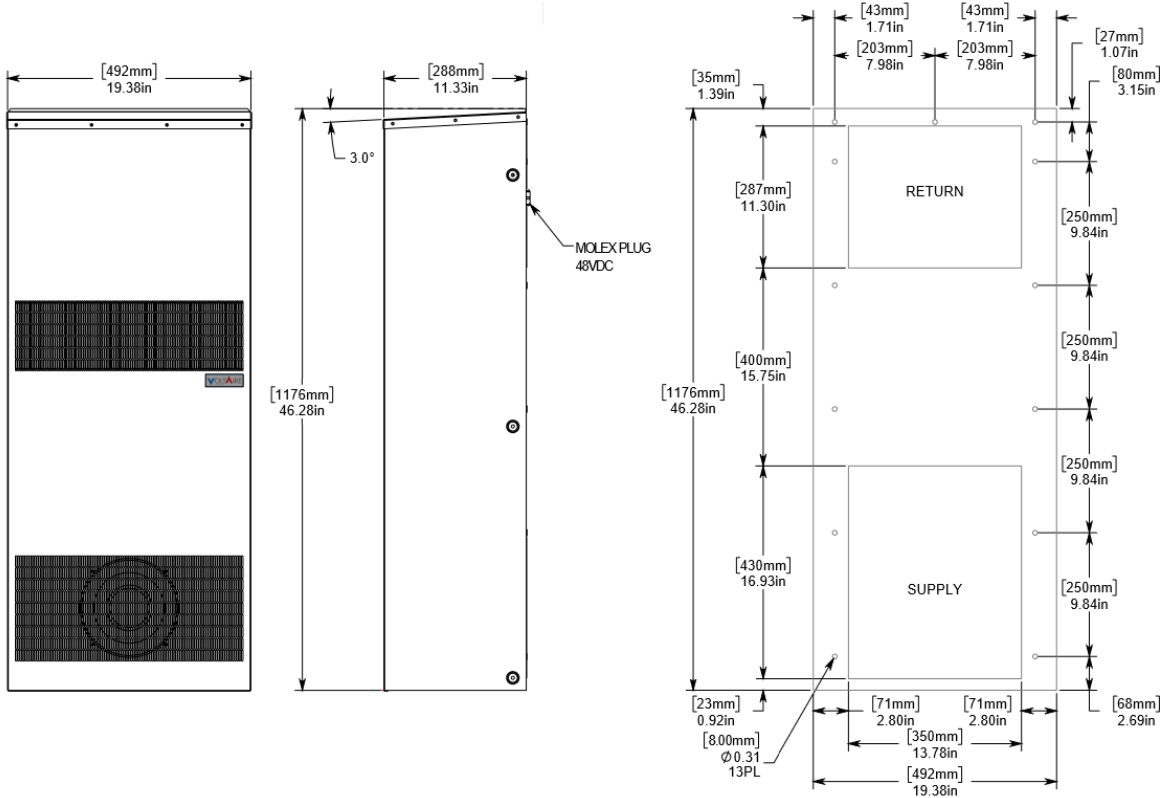


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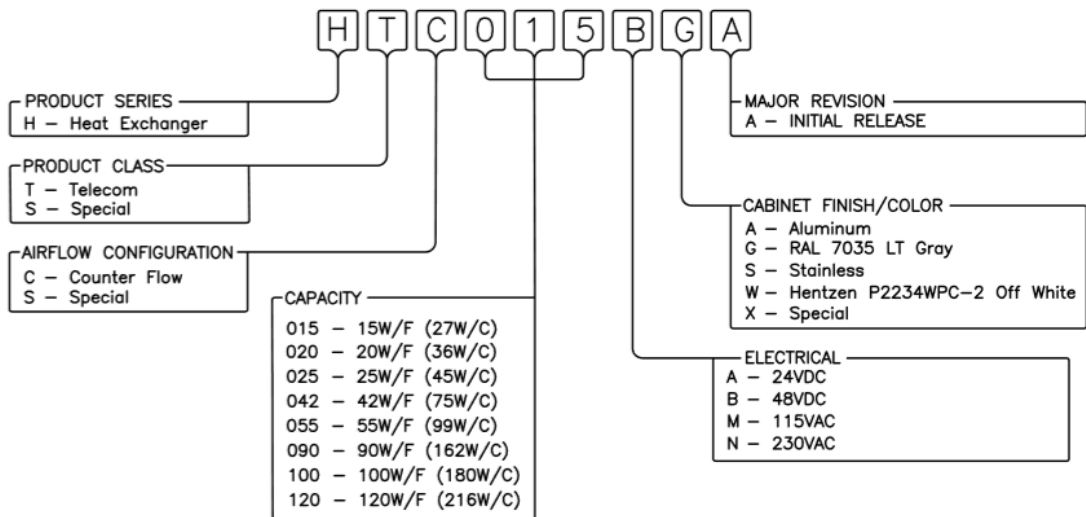
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HTC090

Product Nomenclature



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