

VORTEX A/C ENCLOSURE COOLERS, HAZARDOUS LOCATION



VHL09, VHL15, VHL25

VHL50

APPLICATION

Hazardous Location Vortex A/C Enclosure Coolers keep enclosures cool, clean and protected even in hazardous environments. These systems are ideal for applications where compressed air is available in Hazardous Locations. With almost no moving parts, these systems are highly reliable and virtually maintenance free.

FEATURES

- Approved for a 175 F (80 C) maximum ambient temperature in Class I, Div. 2; Class II, Div. 2; and Class III areas
- Mechanical thermostat reduces energy consumption
- Top, side, and front mount allows for versatile installation in confined areas
- Quieter operation with noise level of 60-75 dB
- Supplied with five-micron, automatic drain compressed air filter, cold ducting kit, cold air muffler, and check valve
- Cooling capacities up to 5000 BTU/Hr. (1465 W)

FINISH

- Polycarbonate and stainless steel exterior with aluminum and brass internal components

ACCESSORIES

- Oil Removal Filter
- Generator Kit
- 5 micron Air Filter
- Cold Air Ducting Kit
- Cold Air Muffler
- Check Valve
- Purge System

INDUSTRY STANDARDS

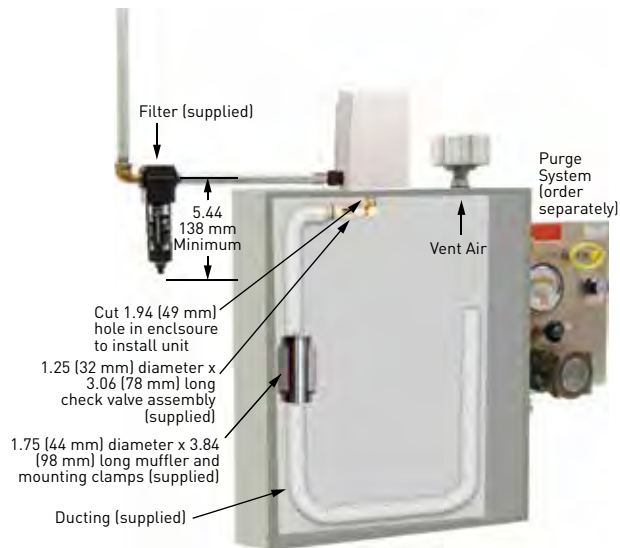
Hazardous Location Models:

UL Classified for Class 1, Div. 2, Groups A through D; Class II, Div. 2, Groups F & G; and Class III locations (when used with an approved purge/pressurization system); File No. E364567. Maintains UL/cUL Type 4, 4X when properly installed on a UL/cUL Type 4, 4X enclosure.

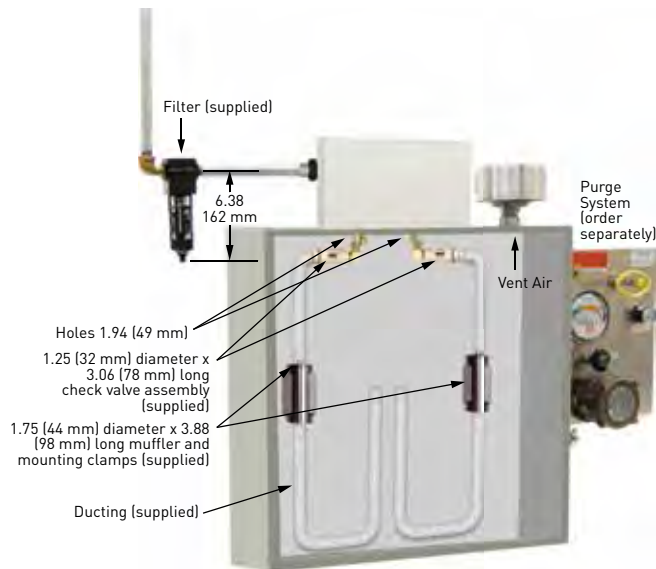
Performance Data VHL Series for Hazardous Locations

CATALOG NUMBERS	VHL09160	VHL15160	VHL25160	VHL50160
COOLING PERFORMANCE				
Cooling Capacity (BTU/Hr.)	900	1500	2500	5000
Cooling Capacity (Watts)	264	440	733	1465
Compressed Air Consumption (SCFM)	15	25	35	70
Compressed Air Consumption (SLPM)	425	708	991	1982
SOUND LEVEL				
Noise Level (dB)	60	66	72	75
ENCLOSURE PROTECTION				
UL Classified	Class 1, Div. 2, Groups A-D; Class II, Div. 2, Groups F & G, Class III			
UNIT DIMENSIONS				
Height (in./mm)	8.00/203	8.00/203	8.00/203	6.44/164
Width (in./mm)	4.75/121	4.75/121	4.75/121	9.44/240
Depth (in./mm)	5.38/137	5.38/137	5.38/137	5.56/141
Weight (lb./kg)	6.70/3.04	6.7/3.04	6.8/3.08	11.4/5.17

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Vortex AC Accessories **Hazardous Location**

CATALOG NUMBERS	Description	Use with VHL Model Capacity
Air Filters		
VAAF15	5 micron, automatic drain compressed air filter	Up to 1500 BTU/Hr.
VAAF25	5 micron, automatic drain compressed air filter	Up to 2500 BTU/Hr.
VAAF50	5 micron, automatic drain compressed air filter	Up to 5000 BTU/Hr.
Oil Filters		
VCOF17	Oil Filter	Up to 1500 BTU/Hr.
VCOF25	Oil Filter	Up to 5000 BTU/Hr.
Generators		
VAGK09	Generator Kit	900 BTU/Hr. models
VAGK15	Generator Kit	1500 BTU/Hr. models
VAGK25	Generator Kit	2500 and 5000 BTU/Hr. models
Air Ducting		
VHLDK	Cold Air Ducting Kit	All Hazardous Location models