

# Vortex A/C Enclosure Coolers



**HOFFMAN**

## COMPRESSED AIR ENCLOSURE COOLING

### HIGHLY RELIABLE AND VIRTUALLY MAINTENANCE-FREE COOLING SOLUTION

Vortex A/C enclosure coolers keep electrical and electronic enclosures cool, clean and protected. With almost no moving parts, these enclosure coolers deliver dependable operation with minimal maintenance required. A slight pressurization is maintained in the enclosure to keep electronic components clean and dry. Vortex A/C models are also thermostatically controlled to maintain cabinet temperatures within a specified range to ensure electronic components remain cool and operational.



### KEY FEATURES

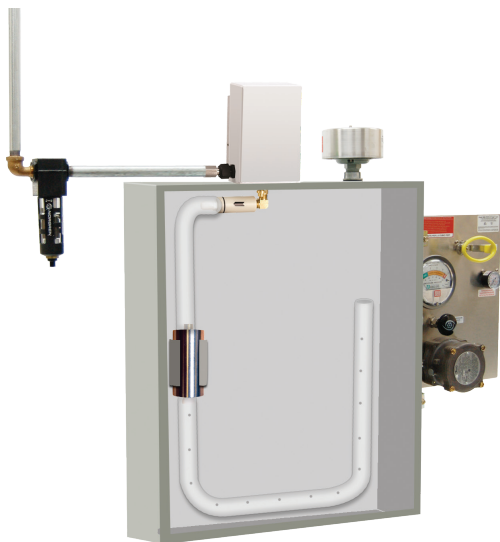
- **Easily mounts in restricted space;** requires 1/10th of the space for comparable air conditioner units
- **Multiple cooling capacities available** from 900 BTU/hr. (264 Watts) to 5,000 BTU/hr. (1465 Watts)
- **Quieter operation** with a noise reduction of 78 percent when compared to traditional tube Vortex coolers
- **Operates in environments** up to 175° F (80° C)
- **Reduced energy use** through integral mechanical thermostat enhances performance efficiency
- **Flexible installation** with top, side or front mount options
- **Safeguards against ambient, dirty or humid air** for reliable operation in dirty, corrosive environments
- **NEMA 12, NEMA 4/4X and Class I, Div. 2, Class II, Div. 2 and Class III Hazardous Locations** available

### APPLICATIONS INCLUDE:

- Food and beverage
- Oil and gas
- Paper
- Petrochemical
- Steel mills
- Sawmills
- Foundries
- Textiles
- Pharmaceutical

*Note: Vortex A/C enclosure cooler units require use with compressed air.*

## VORTEX A/C ENCLOSURE COOLERS



HazLoc Vortex A/C must be used in conjunction with an enclosure purge and pressurization system. See [nVent.com/HOFFMAN](http://nVent.com/HOFFMAN) for available purge systems.



### PRODUCT FEATURES

	HazLoc Vortex A/C	Quiet Vortex A/C	Vortex Cooler
Maintain temperature between 80-90°F (27-32° C)	•	•	•
Mechanical Thermostat	•	•	
Electric Thermostat			•
Small mounting footprint for confined areas	•	•	•
Top Mount	•	•	•
Side Mount	•	•	•
Front Mount	•	•	
Maintains slight pressurization in enclosure	•	•	•
UL Listed and CE compliant			•
UL Classified*	•		
Quiet	•	•	
Supplied with air filter and ducting kit	•	•	•

\*Class I Div 2 Groups A, B, C & D, Class II Div 2 Groups F & G, Class II

### COMPARE THE DIFFERENCES

	Vortex A/C	Refrigerant-Based A/C	Thermoelectric Cooler
Physical Size	Small	Large	Medium
Mounting Footprint	Small	Large	Medium
Weight	< 12 lbs	> 50 lbs	> 15 lbs
Initial Cost	Low	High	Medium
Maintenance Costs	Low	High	Low

For more information and to contact us, go to: [www.nVent.com/HOFFMAN](http://www.nVent.com/HOFFMAN)

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