

VORTEX A/C ENCLOSURE COOLERS

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.

Hoffman

DESIGN WITH CONFIDENCE

VORTEX A/C ENCLOSURE COOLERS



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 III

HazLoc Vortex A/C must be used in conjunction with an enclosure purge and pressurization system. See pentairprotect.com for available purge systems.

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.PENTAIRPROTECT.COM



NORTH AMERICA

Minneapolis, MN
Tel: +1.763.421.2240

Warwick, RI
Tel: +1.401.732.3770

San Diego, CA
Tel: +1.858.740.2400

Radford, VA
Tel: +1.540.639.4440

Mexico, D.F.
Tel: +52.55.5280.1449

Toronto, Canada
Tel: +1.416.289.2770

SOUTH AMERICA

São Paulo, S.P., Brazil
Tel: +55.15.3363.9100

Boituva, Brazil
Tel: +55.15.3363.9101

EUROPE

Straubenhardt, Germany
Tel: +49.7082.794.0

Betschdorf, France
Tel: +33.3.88.90.64.90

Dzierżoniów, Poland
Tel: +48.74.64.63.700

Hemel Hempstead, Great Britain
Tel: +44.1442.24.04.71

Skarpnäck, Sweden
Tel: +46.8.683.61.00

Pregnana Milanese, Italy
Tel: +39.02.932.714.1

Moscow, Russia
Tel: +7.495.730.52.53

MIDDLE EAST & AFRICA

Dubai, United Arab Emirates
Tel: +971.4.37.81.700

ASIA

Shanghai, P.R. China
Tel: +86.21.3211.4588

Qingdao, P.R. China
Tel: +86.532.8771.6101

Bangalore, India
Tel: +91.80.6715.2000

Singapore
Tel: +65.679.52213

Shin-Yokohama, Japan
Tel: +81.45.476.0271

2100 Hoffman Way, Minneapolis, MN 55303

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