

NEMA 4X (IP56) Cabinet Coolers (dust-tight, oil tight, splash resistant, indoor/outdoor service) are ideal for corrosive, food and pharmaceutical applications. They have a Type 303/304 stainless steel construction and incorporate a low pressure relief valve for both the vortex tube and the Cabinet Cooler exhaust. The valve closes and seals when ...

There are a number of different products in the market that can be used to control the temperature of your electrical cabinet. 1. Filtered fans. ... Vortex coolers use forced air to cool the enclosure but rather than using a fan for convection, they use compressed air tanks. This overcomes the limitation of an open loop system with fans.

An electrical cabinet cooler is a device designed to properly control the temperature within cabinets where electronic equipment or machinery is housed. Using compressed air alone, it can provide effective cooling, protecting heat-sensitive equipment from malfunction or damage caused by overheating. Furthermore, the pressurized cooling air ...

The compact Cabinet Cooler can be installed in minutes through a standard electrical knockout. NEMA 4X (IP66) Cabinet Cooler® Systems (dust-tight, oil-tight, splash resistant, corrosion resistant, indoor/outdoor service) incorporate a low pressure relief valve for both the vortex tube and cabinet air exhaust.

An electrical cabinet cooler unit is easy to install through a 1-1/8" diameter drilled hole or an electrical knockout and is held in place by a locking ring. We offer additional side mount kits for instances where coolers cannot be mounted on the top of the cabinet due to height restrictions.

2. Our free Enclosure Cooling Calculator can help you determine heat load and find the right electrical cabinet cooling solution to meet your needs. Click to get started! ... Simply enter a few details about your electrical enclosure and operating environment to receive a recommendation tailored to your cabinet cooling needs. Thursday, December 19 ...

The Nex Flow Frigid-X Compressed Air Vortex Cabinet Cooler range is a compressed air driven air conditioning system designed to be used on enclosure panels and cabinets. Keep your electronics, drives, motors etc. at optimum operating temperatures for improved performance, dust tightness and to prevent overheating. Down

The Cabinet Cooler mounts to the enclosure through a drilled hole or electrical knockout. The NEMA 12 (IP54) Cabinet Coolers may be mounted on the top or side of the panel. NEMA 4 and 4X (IP66) Cabinet Coolers must be mounted on the top of the panel or on the side of the panel using one of our Side Mount Kits.

Electrical cabinet cooling fans exposed to excessive amounts heat and dirt fail at a rate much greater than those operating under normal conditions. A dirty air filter can damage the fan motor by blocking the air flow causing the internal motor temperature to rise. A fan motor operating above the ideal design temperature will cause the bearing ...

Enclosure air conditioners maintain a set interior temperature using closed loop control to ensure a contaminant-free environment and protect electrical/electronic components from overheating. Air conditioners are available in various dimensions, operating voltages and cooling capacities.

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Kooltronic air to air and water to air heat exchangers are designed to cool electrical cabinets with reliable performance and low maintenance. Learn more. MyKooltronic Account Cart RFQ (609) 466-3400 ... Heat Exchangers offer several enclosure cooling benefits including simple reliable performance and operation, low maintenance, and energy ...

After an electrical cabinet cooling solution has been installed, it's easy to forget about it, especially if little or no [...] Learn More; The Cabinet Cooling System Choice: How to Ensure Success. The best time to consider cabinet cooling system options is during the cabinet design stage. Crucial decisions that affect heat [...]

Our Electrical Cabinet Cooler offers exceptional quality and style within the Industrial Cooling System category dustrial cooling systems utilize various technologies, including air cooling, water cooling, and refrigeration. Each technology has its advantages and is suitable for specific industrial applications. Partner with a trusted ...

Call us at 928-684-5733 today to discuss your electrical cabinet cooling options. (928) 684-5733 (800) 660-4060 (928) 684-5752. info@arizonavortex . 19314 W Echo Lane Waddell, AZ 85355. Home; About Arizona Vortex Tubes; Vortex Tubes; Cool Tool; Air Amplifiers; Air Curtains; Air Nozzles & Jets; Drum Pumps;

EXAIR's Cabinet Cooler System is an intelligent solution for electrical cabinet cooling. The use of a Thermostat Control system is a key component to a system that provides the needed cooling while keeping compressed air usage to ...

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