



Hazardous Location Cabinet Cooler® Systems



For use with classified enclosure purge and pressurization systems

- Class I Div 1, Groups A, B, C and D
- Class II Div 1, Groups E, F and G
- Class III

HazLoc Cabinet Coolers maintain NEMA 4/4X integrity and are CE compliant!

What is an EXAIR HazLoc Cabinet Cooler System?

These Cabinet Cooler Systems are engineered and approved for use upon purged electrical enclosures (not included) found within classified areas. The areas approved are Class I Div 1, Groups A, B, C and D – Class II Div 1 Groups E, F and G - and Class III. EXAIR's HazLoc Cabinet Cooler Systems have been tested by UL and meet the stringent UL requirements for these areas. Cabinet Cooler systems are a low cost and reliable way to cool purged electric control panels found within these environments. They utilize vortex tube technology to produce up to 5,600 Btu/Hr, with no moving parts, which additionally creates a low maintenance solution for cooling your HazLoc purged cabinets.

Advantages

- Rated for Div I Hazardous Locations
- UL Classified
- Available in 8 different cooling capacities
- No moving parts, low maintenance
- Thermostat control reduces operating cost
- Large range of cooling capacities up to 5,600 Btu/Hr
- 5 Year warranty
- Low cost



Why EXAIR HazLoc Cabinet Cooler Systems?

EXAIR's HazLoc Cabinet Cooler Systems have been set apart from the competition by achieving the UL classified designation for Div I environments. Thermostatically controlled systems are recommended for the highest efficiency and include UL listed solenoids, also for hazardous environments. EXAIR Cabinet Cooler systems will install on your purged enclosure in minutes, require little to no maintenance and operate under the toughest of industrial conditions. If you require low cost, ease of use and/or reliability – a HazLoc Cabinet Cooler system will meet your needs.

EXAIR Hazardous Location Cabinet Cooler Systems are available in 8 different cooling capacities from 1,000 Btu/Hr. to 5,600 Btu/Hr. This range of cooling allows for choosing the best fit for your cooling needs without placing additional demand upon your air compressor.

Cabinet Cooler Systems protect your electronics from heat, dirt and moisture and keep your processes running. They are the low-cost solution to messy, high maintenance coolant-based air conditioners with simple installation. With modern technology comes an increased number of small electronic components packed into smaller electronic cabinets. This creates a high internal heat load which increases the failures due to heat. Components will fail, sensors will misread, controls can drift and displays become inaccurate. EXAIR HazLoc Cabinet Coolers can solve these problems and prevent lost productivity, shutdown and the expense of new components.

Cabinet Cooler® Systems

Thermostat Control

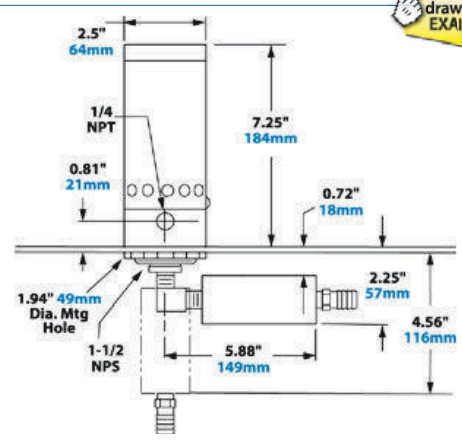
Each different HazLoc Cabinet Cooler System is available with a thermostat control or as a continuous operation system. Each of these systems will include a water-dirt filter separator to prevent water condensate and dirt from entering your enclosure and cold air distribution kit used to direct the air for circulation or on to hot spots. HazLoc Cabinet Cooler Systems are also available in Type 316SS for highly corrosive environments.

Safety

EXAIR's HazLoc Cabinet Cooler Systems are not purged and pressurized control systems and should not be relied upon nor used in place of a purged and pressurized controller. They are meant for use in conjunction with a purged and pressurized control system.

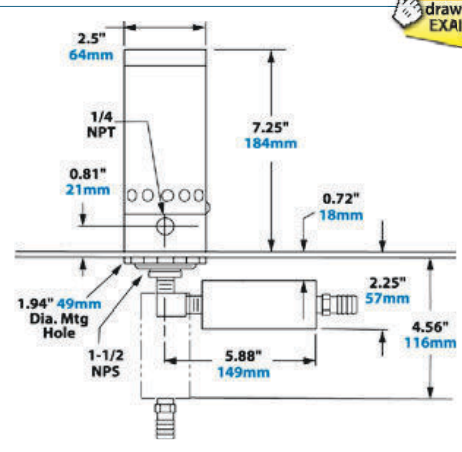
Any control systems and accessories not rated for the hazardous location need to be moved outside of the hazardous area or inside a properly purged and pressurized enclosure which is suitable for the hazardous area.

Model #'s
NEMA 4
HZ4615
HZ4625
HZ4630
HZ4640
HZ4715
HZ4725
HZ4730
HZ4740
HZ4815
HZ4825
HZ4830
HZ4840



DOWNLOAD drawings at EXAIR.com

Model #'s
NEMA 4X
HZ4615SS
HZ4625SS
HZ4630SS
HZ4640SS
HZ4715SS
HZ4725SS
HZ4730SS
HZ4740SS
HZ4815SS
HZ4825SS
HZ4830SS
HZ4840SS



DOWNLOAD drawings at EXAIR.com

NEMA 4 (IP66) Hazardous Location Cabinet Cooler Systems

Cabinet Cooler Only Model #	Continuous Operation Model #	120V Thermostat Control Model #	240V Thermostat Control Model #	24VDC Thermostat Control Model #	Capacity* Btu/hr	Kcal/hr	Sound level dBA
HZ4615	HZ4715	HZ4815	HZ4815-240	HZ4815-24VDC	1,000	252	73
HZ4625	HZ4725	HZ4825	HZ4825-240	HZ4825-24VDC	1,700	428	80
HZ4630	HZ4730	HZ4830	HZ4830-240	HZ4830-24VDC	2,000	504	80
HZ4640	HZ4740	HZ4840	HZ4840-240	HZ4840-24VDC	2,800	706	82
N/A	HZ4750	HZ4850	HZ4850-240	HZ4850-24VDC	3,400	857	84
N/A	HZ4760	HZ4860	HZ4860-240	HZ4860-24VDC	4,000	1,007	84
N/A	HZ4770	HZ4870	HZ4870-240	HZ4870-24VDC	4,800	1,209	84
N/A	HZ4780	HZ4880	HZ4880-240	HZ4880-24VDC	5,600	1,411	85

NEMA 4X (IP66) Hazardous Location Cabinet Cooler Systems

Cabinet Cooler Only Model #	Continuous Operation Model #	120V Thermostat Control Model #	240V Thermostat Control Model #	24VDC Thermostat Control Model #	Capacity* Btu/hr	Kcal/hr	Sound level dBA
HZ4615SS	HZ4715SS	HZ4815SS	HZ4815SS-240	HZ4815SS-24VDC	1,000	252	73
HZ4625SS	HZ4725SS	HZ4825SS	HZ4825SS-240	HZ4825SS-24VDC	1,700	428	80
HZ4630SS	HZ4730SS	HZ4830SS	HZ4830SS-240	HZ4830SS-24VDC	2,000	504	80
HZ4640SS	HZ4740SS	HZ4840SS	HZ4840SS-240	HZ4840SS-24VDC	2,800	706	82
N/A	HZ4750SS	HZ4850SS	HZ4850SS-240	HZ4850SS-24VDC	3,400	857	84
N/A	HZ4760SS	HZ4860SS	HZ4860SS-240	HZ4860SS-24VDC	4,000	1,007	84
N/A	HZ4770SS	HZ4870SS	HZ4870SS-240	HZ4870SS-24VDC	4,800	1,209	84
N/A	HZ4780SS	HZ4880SS	HZ4880SS-240	HZ4880SS-24VDC	5,600	1,411	85

*Cooling capacity at 100 PSIG (6.9 BAR) supply pressure.

Accessories and Components	
Model #	Description
902019	Hazloc Solenoid NEMA Type 7/9, 1/4 NPT, 120V/60HZ
902020	Hazloc Solenoid NEMA Type 7/9, 1/4 NPT, 240V/60HZ
902021	Hazloc Solenoid NEMA Type 7/9, 1/4 NPT, 24VDC
9017	Thermostat only 24V-240V, 50/60 Hz
9004	Automatic Drain Filter Separator, 1/4 NPT, 43 SCFM (1,359 SLPM)
9027	Oil Removal Filter for all HazLoc Systems, 7-24 SCFM (198-680 SLPM), 1/4 NPT
9005	Oil Removal Filter for all HazLoc Systems, 15-37 SCFM (425-1,048 SLPM), 3/8 NPT
9006	Oil Removal Filter for all HazLoc Systems, 50-150 SCFM (1,416-4,248 SLPM), 3/4 NPT

Cabinet Coolers