



Description: Compact, reliable and low-cost solution to cool enclosures. With almost no moving parts, the device uses compressed air to produce cooling. When properly sized for the application, the HazLoc Vortex A/C will maintain the internal enclosure temperature between 24 to 38 °C (75 to 100 °F). The mechanical thermostat will regulate an internal valve to minimize compressed air usage and maintain enclosure temperatures within the range specified. Through continuous operation relative humidity inside the enclosure is maintained low, thus minimising the risk of condensation. The easy mounting through a standard cable hole makes this solution especially suitable to be installed even when the enclosures are already in the field. Top, side, and front mount allows for versatile installation in confined areas. Quieter operation with noise level of 60 to 75 dB.

Material: Polycarbonate and stainless steel exterior with aluminium and brass internal components.

Heating element: Leak compensation:Continuous flow:Switch capacity:Gasket:Operating temperature:Approved for a 75 °F (80 °C) maximum ambient temperature in Class I, Div. 2; Class II, Div. 2; and Class III areas.

Connection: Type of connection:Flammability:Body:Cover:Door:Lock:Mounting plate:Cable access:Protection:Maintains Type 4, 4X.

Finish: Approvals:cULus Classified. Class I, 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.

Delivery: Scope of delivery:Requirements:Mounting:Pack quantity:1 piece, supplied with five-micron, automatic drain compressed air: filter, cold ducting kit, cold air muffler, and check valve.

Note: The HazLoc Vortex A/C shall only be used in conjunction with a properly sized enclosure purge and pressurization system that must be able to vent the additional air introduced by the HazLoc Vortex A/C. The purge and pressurization system must be selected and supplied by the end user.