



Description: Purging Type Y or Z assembly that operates on a supply of compressed instrument air or inert gas. It is designed to regulate and monitor pressure within one or more sealed (protected) enclosures, in order to rapidly remove and prevent flammable vapour accumulation within the enclosure(s). The system is designed to accomplish the required air exchanges and maintain a "safe" pressure on one or more protected enclosures. A Model EPV enclosure protection vent is required for proper operation. 90 cubic feet (2.55 cubic meters) maximum enclosure volume. Enclosure protection vent (90°). Rapid exchange control valve.

Material: System face plate and mounting plate: Type 316 stainless steel with tumble finish. Regulator body: Zinc with enamel finish. Manifold body: Anodized aluminium with Type 316 stainless steel valves. Enclosure pressure gauge: Aluminium with enamel finish. Gas supply gauge: Poly case and nickel-plated tube. Enclosure supply and enclosure reference bulkhead fittings: Type 316 stainless steel.

Heating element: Leak compensation:Continuous flow:Switch capacity:Gasket:Operating temperature:Connection:Type of connection:Flammability:Body:Cover:Door:Lock:Mounting plate:Cable access:Protection:Finish:Approvals:(Volume up to 90 cubic feet); 3003 LPS; NEC Type Y Class 1, Division 1, Groups A, B, C, D / Zone 1; Groups IIA, IIB and IIC to Division 2 / Zone 2; NEC Type Z Class I, Division 2, Groups A, B, C, D / Zone 2; Groups IIA, IIB and IIC to Non-hazardous; Classified by Underwriters Laboratories, NFPA 496-1993.

Delivery: Scope of delivery:Requirements:Protected enclosures should be constructed from materials such as metal, fiberglass or polycarbonate material to meet or exceed NEMA Type 4, Type 4X or Type 12 performance requirements.

Mounting: Two models available: Vertical mount (VM) or horizontal mount (HM).

Pack quantity: 1 piece with mounting kit and accessories.

Note: This system is not intended for use to protect enclosures or devices that contain ignitable concentrations of gases or vapours.

H	W	D	Weight (kg)	Volume	Item no.
241	140	140	4.54	2.55	A3003YZVM
140	273	140	4.54	2.55	A3003YZHM