



**Description:** Small-volume type Y or Z purging/pressurization system are enclosure pressurization or purging systems that operate on a supply of compressed instrument air or inert gas. It regulates and monitors pressure within sealed (protected) enclosures to prevent combustible dust accumulation, or remove and prevent flammable gas or vapor accumulations. Available in two models for enclosures with a maximum enclosure volume of up to 2 or 10 cubic feet (0.06 or 0.28 cubic meters). Includes tamper-proof regulator with gauge (TR-10G) to comply with NFPA standard requiring protection against overpressurization. Other purposes include heat, moisture and dust contamination prevention.

**Material:** Mounting plate: Type 316 brushed stainless steel. Regulator body: Zinc with enamel finish. Enclosure pressure gauge: Aluminium with enamel finish. Polycarbonate regulator handle. Fastener hardware available in aluminium and 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:For A1001YZUMC1 (Volume up to 2 cubic feet); NEC Type Y Class I, Division 1, Groups A, B, C, D to Division 2; NEC Type Z Class I, Division 2, Groups A, B, C, D to Unclassified; For A1001YZUMC2 (Volume up to 10 cubic feet); NEC Type Y Class II, Division 1, Groups F, G to Division 2; NEC Type Z Class II, Division 2, Groups F, G to Unclassified; Classified by Underwriters Laboratories, cUL and Factory Mutual.

**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:** Universal mount.

**Pack quantity:** 1 piece with mounting kit and accessories.

**Note:** Pressure vent not required when inlet pressure limited to 5PSI using standard TR-10G. For inlet pressure over 5PSI order EPV-1-SA-00 or EPV-1-SA-90 separately. 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.
229	229	127	3.74	0.06	A1001YZUMC1
229	229	127	3.86	0.28	A1001YZUMC2