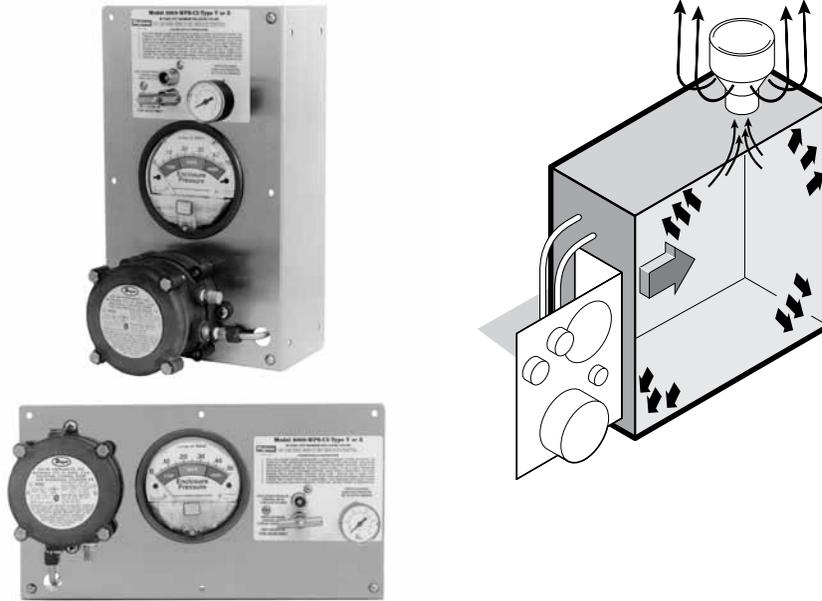


LARGE-VOLUME ATEX PURGE SYSTEM TYPE Y, Z AND EX [PZ]



INDUSTRY STANDARDS

(Volume up to 90 cubic feet)

3003 WPSA

Type Y System, UL and FM Certified: Class I, Division 1 Group A,B,C, and D/Zone 1, Groups IIB and H₂ to Division 2/Zone 2

Type Z system, UL and FM Certified: Class 1, Division 2 Group A,B,C, and D/Zone 2, Groups IIB and H₂ to Non-hazardous

ATEX Certified

II 3 (3) G Ex [pz] II, -29 C ≤ Tamb. ≤ 49 C

APPLICATION

Hoffman's **Ex [pz]** purge system is designed and certified according to European requirements of **ATEX Directive 94/9/EC** and **EN60079-2** for **Type Ex [pz]** applications. ATEX certified **Ex [pz]** purge systems reduce the classification in the protected enclosure from Zone 2 to non-hazardous, thereby allowing the use and operation of general purpose equipment in the protected enclosure. Used as a Type Y purge reduces classification from Div. 1 to Div. 2. Type Z purge reduces classification from Div. 2 to Non-Hazardous.

These products are designed to supply one or more enclosures with a protective gas supply. Purge/pressurization systems can be used for electronics, electrical equipment, motors and switch gear in wall-mount to large enclosures. Purge/pressurization systems also meet the demands of rack-mounted instrumentation, video displays, programmable controllers, computers, printers, recorders and measurement and calibration equipment.

Protected Enclosures

Enclosures should be constructed from materials such as metal or polycarbonate material to meet or exceed NEMA Type 4 or Type 12 performance requirements.

SPECIFICATIONS

- Vertical mount (VM) or horizontal mount (HM)
- Available in 90 cubic feet maximum enclosure volume model
- System face plate and mounting plate: Type 316 stainless steel tumble finish
- Regulator body: zinc with enamel finish
- Manifold body: anodized aluminum with Type 316 stainless steel valves
- Enclosure pressure gauge: aluminum with enamel finish
- Gas supply gauge: poly case and nickel-plated tube
- Enclosure protection vent (90 degree)
- Enclosure supply and enclosure reference bulkhead fittings: Type 316 stainless steel
- Fastener hardware available in aluminum and stainless steel
- Rapid-exchange control valve
- Explosion-proof differential pressure switch with "C" contacts for alarm

MODIFICATION AND CUSTOMIZATION

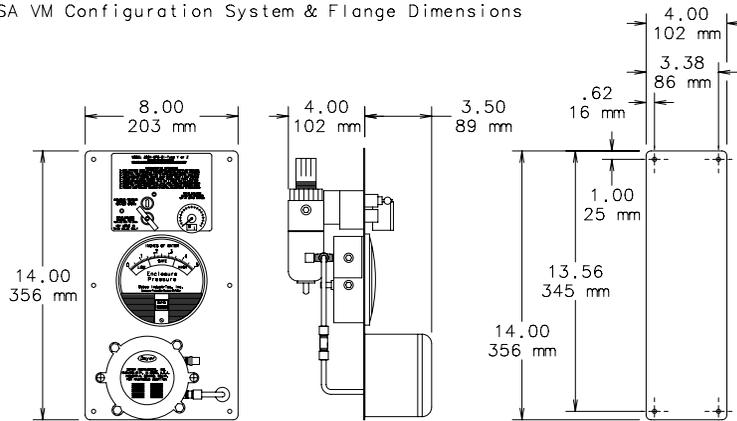
Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

BULLETIN: HL

Standard Product

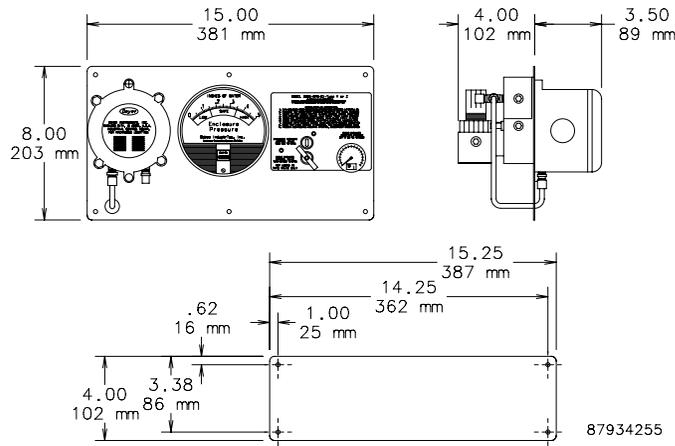
Catalog Number	Height in./mm	Width in./mm	Depth in./mm	Volume (ft. ³)	Volume (m ³)	Weight (lb.)	Weight (kg)
ATEX3003YZVM	14.00 356	8.00 203	7.50 189	90	2.55	18	8.2
ATEX3003YZHM	8.00 203	15 381	7.50 189	90	2.55	18	8.2

WPSA VM Configuration System & Flange Dimensions



WPSA Vertical Mount Flange

WPSA HM Configuration System & Flange Dimensions



WPSA Horizontal Mount Flange