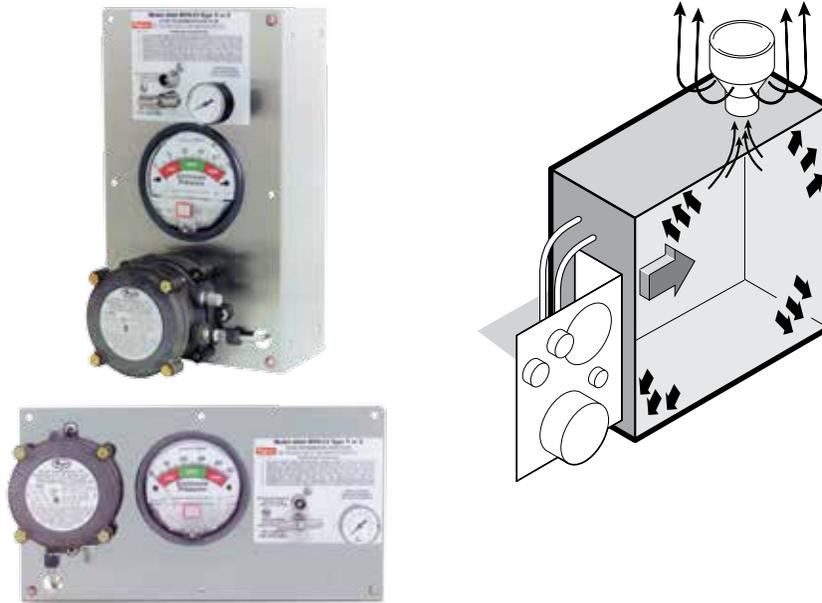


## LARGE-VOLUME ATEX PURGE SYSTEM TYPE Y, Z AND EX [PZ]



### INDUSTRY STANDARDS

(Volume up to 90 cubic feet)

#### 3003 WPSA

**Type Y** System, UL and FM Certified: Class I, Division I Group A,B,C, and D/Zone 1, Groups IIB and H<sub>2</sub> 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 H<sub>2</sub> to Non-hazardous

**ATEX** Certified

II 3 (3) G Ex [pz] II, -29 C ≤ T<sub>amb.</sub> ≤ 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

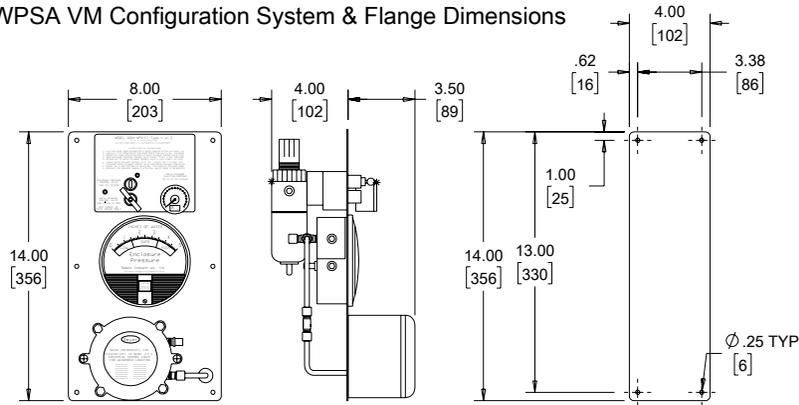
nVent HOFFMAN excels at modifying and customizing products to your specifications. Contact your local HOFFMAN sales office or distributor for complete information.

**BULLETIN: HL**

Standard Product

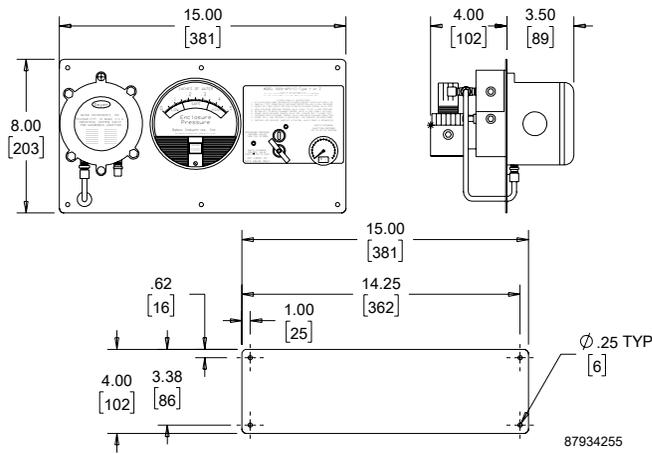
Catalog Number	Height in./mm	Width in./mm	Depth in./mm	Volume (ft. <sup>3</sup> )	Volume (m <sup>3</sup> )	Weight (lb.)	Weight (kg)
ATEX3003YZVM	14.00 356	8.00 203	7.50 189	90	2.55	18	8.2
ATEX3003YZHM	8.00 203	15 361	7.50 189	90	2.55	18	8.2

WPSA VM Configuration System & Flange Dimensions



WPSA Vertical Mount Flange

WPSA HM Configuration System & Flange Dimensions



WPSA Horizontal Mount Flange