

Model PV-3

Product Description

The Model PV-3 Purge Vent is a gravity operated enclosure pressure relieving device designed to relieve excess pressure inside a protected enclosure while preventing any sparks or burning material from escaping into a classified location. A required accessory for all D & M Instruments (DMI) Model YZ103 purge units, the Model PV-3 will begin to open when enclosure pressure exceeds approximately 0.8" w.c. and will fully open once enclosure pressure exceeds approximately 1.5". Model PV-3 is constructed of aluminum and stainless steel components providing corrosion protection from harsh environments. Being gravity operated, the Model PV-3 MUST be installed in a true vertical position for proper operation and is available in "T" (top mount) and "S" (side mount) configurations. The device attaches to the protected enclosure via a standard conduit hub and can alternately be remotely mounted (contact factory for details).

Purge Vent Accessory



**PV-3-T
Top Mount
Purge Vent**



**PV-3-S
Side Mount
Purge Vent**

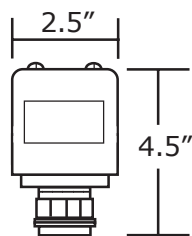
Unit Specifications

Shipping Weight:	
-T (Top Mount):	10 oz.
-S (Side Mount):	2 lbs.
Mounting Hub Diameter:	3/4"
Normal Purge Flow Rate:	10 scfm
Normal Purge Enclosure Pressure:	* 5" w.c.
Maximum Flow Rate:	** 24 scfm
Maximum Flow Enclosure Pressure:	** 9.5" w.c.
* Enclosure Integrity determines actual Pressure	
** 1/2" supply @ 100 psi, zero leakage totally sealed test enclosure	

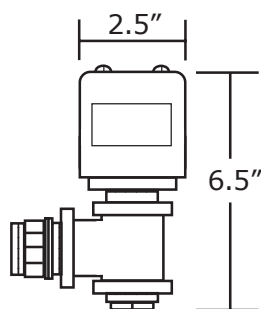
Material Specifications

Vent Cap & Base:	Machined 3003 Aluminum
Vent Cover:	Drawn Aluminum
Mounting Hub:	Aluminum
Spark Arresting Element:	80 micron 316 SS
Fastening Hardware:	316 Stainless Steel
Pipe Fittings:	Aluminum
Relief Ball:	Polypropolyne

Purge Vent Dimensions



**PV-3-T
Top Mount**



**PV-3-S
Side Mount**

Model Number Matrix

	Model # PV-3-T
Purge Vent	_____
Purge Vent Exhaust Diameter	_____
3- 3/4"	_____
Mounting Style	_____
T- Top Mount (top of enclosure)	
S- Side Mount (side of enclosure)	

Specifications Subject to Change without Notice
Warranty & Liability Statements available upon request

D&M Instruments, Inc.

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