

### SINGLE FLOW PRESSURE VENTS (PV)



**PV Pressure Vent**

#### Description

The PV single flow pressure vents are designed to provide the pressure relief venting that may be required when a gaseous fire suppression system is discharged into an enclosure resulting in a positive change of pressure therein.

The vents can be mounted vertically in the enclosure walls or horizontally to allow the fitting of the pressure vent into ceiling voids. Vents shall be used for internal venting application only unless weather louver is installed.

#### Specifications

Opening Pressure	>80 Pa (0.012 psi) and are fully open at 100 Pa (0.015 psi)
Free Vent Area	92% from 100 Pa (0.015 psi) room pressure
Fire Rating	4-hour rating to BS476 and certified to EW120 & E120 to EN1364-1 & 2
Mounting	3-7/8" (100mm) flange
Construction	Solid welded frame
Finish	Powder coated white finish (RAL9016). Special colors available on request.
Items Included	<ul style="list-style-type: none"> <li>• Vent</li> <li>• Center wall sleeve</li> <li>• Outer wall sleeve</li> <li>• Caution label (qty. 2)</li> <li>• Mounting hardware (qty. 1 bag)</li> <li>• Installation instructions</li> </ul>

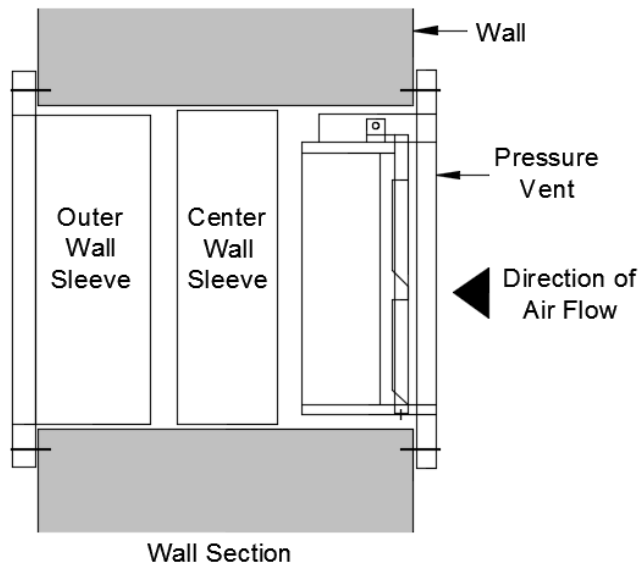
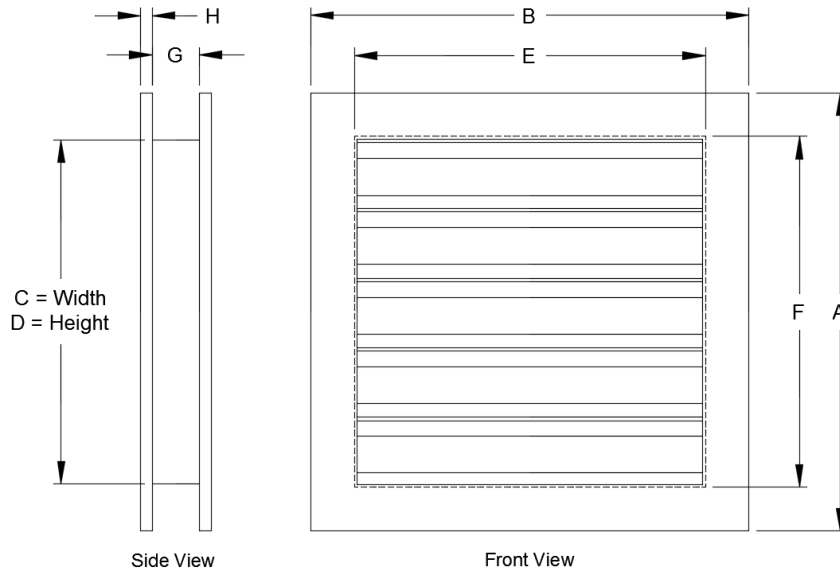
#### Accessories

- Weather Louver, See Data Sheet C.1.72.01
- Egg Crate Grill, See Data Sheet C.1.73.01
- High Security Grill, See Data Sheet C.1.88.01
- Surface Mount Frame, See Data Sheet C.1.89.01

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## Dimensional and Ordering Information

Vent Size	Fike Part No.	Dimensions inches (mm)								Unit Weight lbs. (kg)	FVA @ 0.015 psi (100 Pa)
		A	B	C	D	E	F	G	H		
PV700	02-14715-700	36.61 (930)	36.22 (920)	27.95 (710)	28.74 (730)	29.33 (745)	29.33 (745)	4 to 14.75 (100 to 375)	0.98 (25)	77.2 (35)	4.95 ft <sup>2</sup> (0.46 M <sup>2</sup> )
PV1000	02-14715-1000	48.43 (1230)	48 (1220)	39.76 (1010)	40.16 (1020)	41.34 (1050)	41.14 (1045)	4 to 14.75 (100 to 375)	0.98 (25)	121.3 (55)	9.9 ft <sup>2</sup> (0.92 M <sup>2</sup> )



**Typical PV Pressure Vent Application**

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