

PV Series Commercial SuperVent[®]

AIR ELIMINATOR, 2 IN. - 8 IN. PIPE SIZE

SPECIFICATION DATA



FEATURES

- No clog vent.
- Dirt and debris resistant.
- 360 degree adjustable collar ring for installation flexibility.
- Stainless steel concentrator which eliminates gurgling noise.
- Welded steel body construction.
- Threaded and sweat connections.

DESCRIPTION

The Honeywell Commercial SuperVent[®] automatically eliminates all trapped air and micro-bubbles from commercial heating and cooling systems. The SuperVent guarantees fast start-up with automatic venting, eliminates “No Heat” call backs, and helps prevent corrosion of system components. Additionally, the Honeywell SuperVent micro-bubble concentrator has three times the impact area of other products. The SuperVent is available with 2 in., 2 1/2 in., 3 in., 4 in., 5 in., 6 in., or 8 in. flange sizes.

SPECIFICATIONS

Models:

The Commercial SuperVent is available in three different model types: Threaded (T) blow down and Flanged (F) blow down and in Flange Cleanable (FC).

Construction Materials:

Welded steel construction with stainless steel concentrator wires.

Working Pressure: 150 psi maximum.

Operating Temperature: 250° F (121° C) maximum.

Connections:

Bottom Nipple: 3/4 in. (19 mm).
Top Nipple: 1/2 in. (13 mm).
Inlet and Outlet: See Table 1.

System Shutoff:

Cap for system shutoff. System can be air tested.

Flow: Bi-directional.

Dimensions: See Fig. 1 and Table 1.

Patent Information: U.S. Patent No. 5,490,874.

Warranty Information: One year warranty.

Approvals:

ASME Certification available. Contact factory for information.



Table 1. Commercial SuperVent Dimensions

| Model | Connections in. | Weight lbs (Kg) | A in. (mm) | B in. (mm) | C in. (mm) | C _v |
|---------|-----------------|-----------------|-------------|-------------|-------------|----------------|
| PV200T | 2 NPT | 22.0 (10) | 11.05 (281) | 6.18 (157) | 10.13 (257) | 95 |
| PV250T | 2 1/2 NPT | 23.0 (10) | 11.05 (281) | 6.18 (157) | 10.13 (257) | 140 |
| PV300T | 3 NPT | 50.0 (23) | 15.63 (397) | 7.95 (202) | 15.50 (394) | 215 |
| PV400T | 4 NPT | 52.5 (24) | 15.63 (397) | 7.95 (202) | 15.50 (394) | 360 |
| PV200F | 2 Flange | 31.5 (14) | 11.05 (281) | 6.18 (157) | 10.25 (260) | 95 |
| PV250F | 2 1/2 Flange | 37.0 (144) | 11.05 (281) | 6.18 (157) | 10.25 (260) | 140 |
| PV300F | 3 Flange | 66.0 (30) | 15.63 (397) | 7.95 (202) | 16.00 (406) | 215 |
| PV400F | 4 Flange | 78.5 (36) | 15.63 (397) | 7.95 (202) | 16.00 (406) | 360 |
| PV500F | 5 Flange | 147.0 (67) | 21.00 (533) | 11.10 (282) | 24.00 (610) | 590 |
| PV600F | 6 Flange | 158.0 (72) | 21.00 (533) | 11.10 (282) | 24.00 (610) | 860 |
| PV800F | 8 Flange | 254.0 (115) | 25.83 (656) | 12.92 (328) | 30.00 (762) | 1500 |
| PV200FC | 2 Flange | 64 (29) | 11.05 (281) | 5.85 (149) | 12.25 (311) | 95 |
| PV250FC | 2 1/2 Flange | 70.0 (32) | 11.05 (281) | 5.85 (149) | 12.50 (316) | 140 |
| PV300FC | 3 Flange | 137.0 (62) | 15.63 (397) | 7.37 (187) | 16.00 (406) | 215 |
| PV400FC | 4 Flange | 150.0 (68) | 15.63 (397) | 7.37 (187) | 17.63 (448) | 360 |
| PV500FC | 5 Flange | 310.0 (141) | 21.00 (533) | 9.85 (250) | 24.00 (610) | 590 |
| PV600FC | 6 Flange | 320.0 (145) | 21.00 (533) | 9.85 (250) | 24.00 (610) | 860 |
| PV800FC | 8 Flange | 516.0 (234) | 25.83 (656) | 11.88 (302) | 30.00 (762) | 1500 |

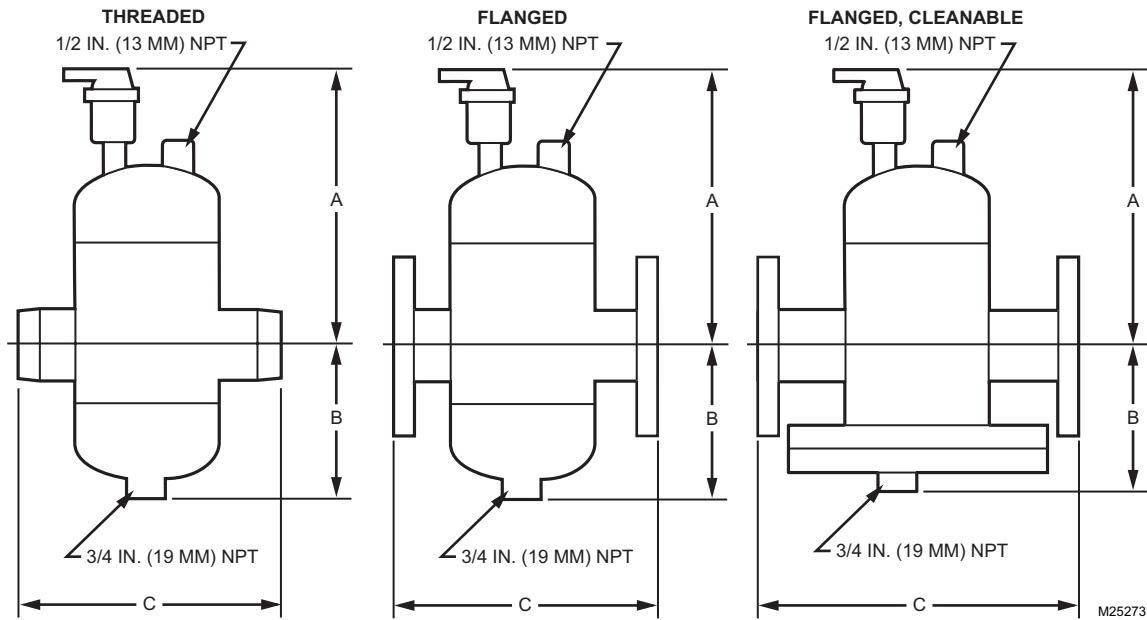


Fig. 1. Commercial SuperVent 2 in. - 8 in. Pipe Size dimensions.

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