

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

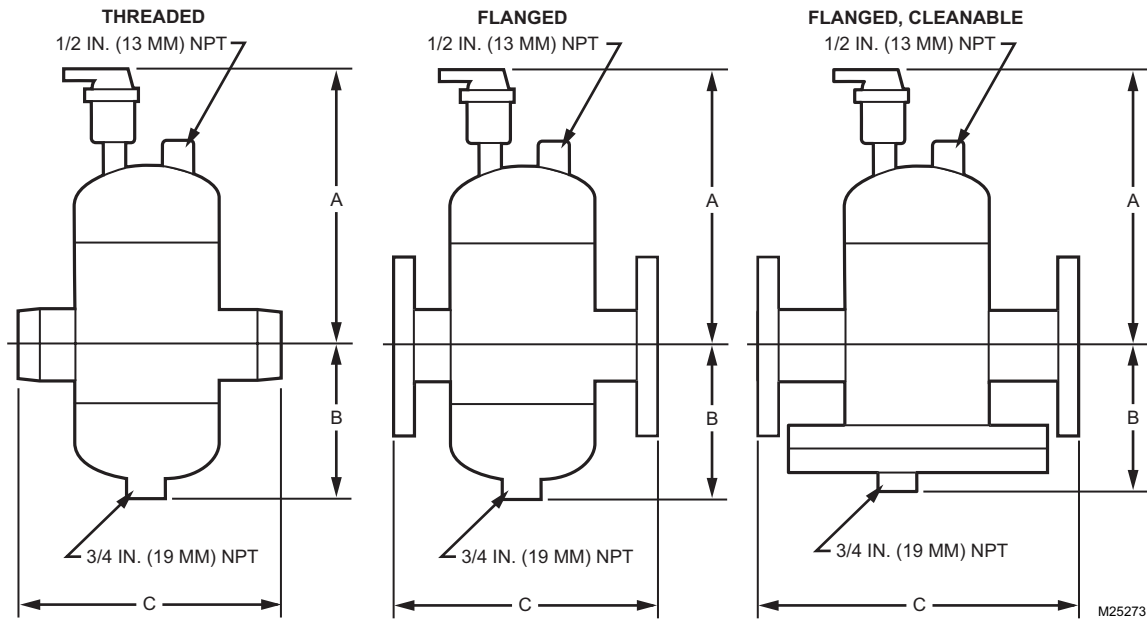


Fig. 1. Commercial SuperVent 2 in. - 8 in. Pipe Size dimensions.

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