

Honeywell

SuperVent™

Automatically Eliminates Air and Micro-Bubbles from Hydronic Heating and Cooling Systems without Bleeding.

SUBMITTAL DATA/ INSTRUCTION SHEET SD/IS 075
EFFECTIVE APRIL 2004 Supersedes MAY 1,2000

Product No.	Conn.	H x L x W	Lbs.	Cv
PV 075	3/4" NPT	7.4 x 2.7 x 1.9	2	13
PV 100	1" NPT	8.1 x 3.2 x 2.1	2.75	22
PV 125	1 1/4" NPT	8.4 x 3.7 x 2.5	3.5	38
PV 150	1 1/2" NPT	9.7 x 4.3 x 3.1	5	53
PV 200	2" NPT	10.7 x 5.2 x 4	8	95
PV 075S	3/4" sweat	7.4 x 2.7 x 1.9	2	13
PV 100S	1" sweat	8.1 x 3.2 x 2.1	2.75	22
PV 125S	1 1/4" sweat	8.4 x 4.4 x 2.5	3.5	38
PVU 075	3/4" NPT	7.8 x 2.7 x 1.9	2.1	3.6
PVU 100	1" NPT	8.4 x 3.2 x 2.1	2.8	6.2
PVU 125	1 1/4" NPT	8.9 x 3.7 x 2.5	3.6	10.5
PVU 150	1 1/2" NPT	10 x 4.3 x 3.1	5.2	14.3
PV-020 RP	Replacement Air Vent Assembly			

SUBMITTAL DATA APPROVAL SHEET	
For:	_____
Job:	_____
Date submitted:	_____ by: _____
Date approved:	_____ by: _____
Model number:	_____ quantity: _____
Model number:	_____ quantity: _____
Model number:	_____ quantity: _____

SPECIFICATIONS:

- Bronze casting.
- Stainless steel concentrator wires.
- 1/2" bottom connection, removable for bottom clean out and expansion tank mounting.
- Vent top removable for cleaning.
- Bi-directional flow.
- Maximum working pressure 125 PSI, max temperature 240° F.
- Brass cap for system shut-off. System can be air-tested.
- Made in the U.S.A.

FEATURES:

- Guarantees fast start up with automatic venting.
- Micro-bubble concentrator has three times the impact area of other products.
- Helps prevent corrosion of system components.
- Improves system efficiency.

INSTALLATION:

- Locate where you would normally locate air purger or air scoops.
- Must be installed in a horizontal line.
- Straight pipe runs up or downstream not required.
- Bi-directional.
- During normal operation, back off brass cap one turn.
- Tighten vent cap only when checking out system for leaks.

SERVICE:

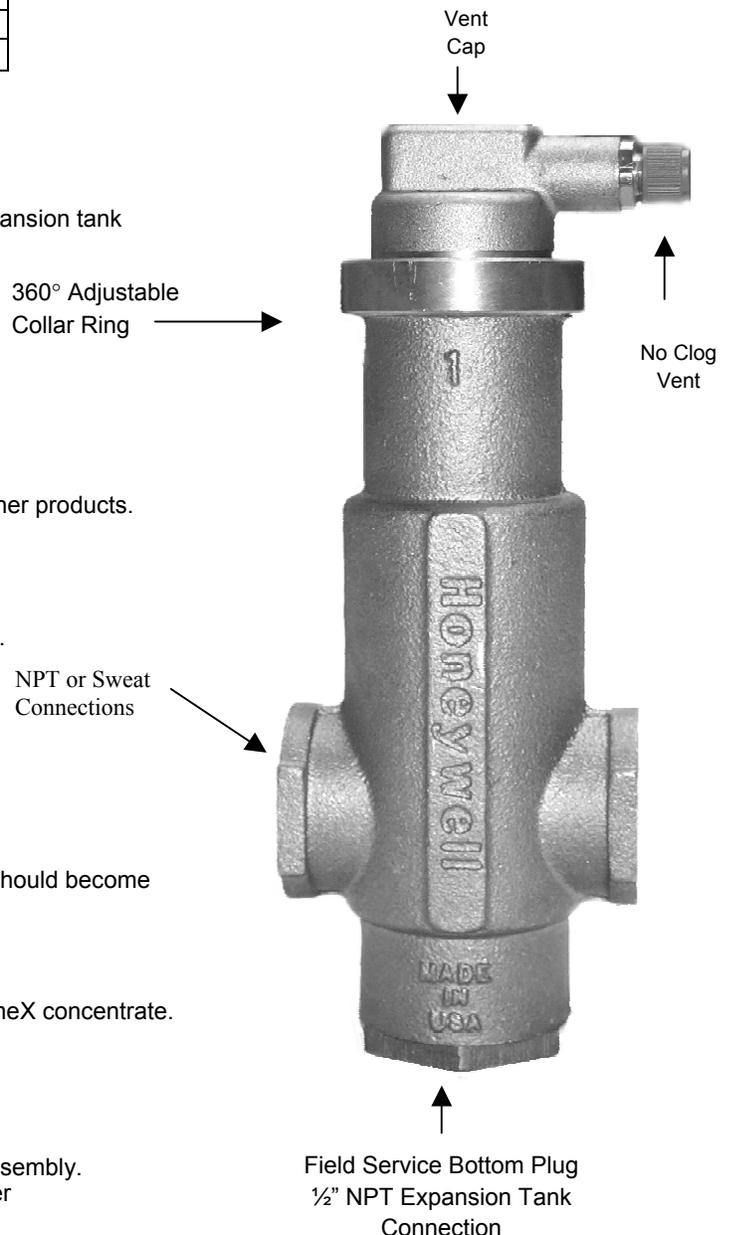
Concentrator:

If due to debris in piping system, the internal part (concentrator) should become clogged, clean as follows:

1. Reduce system pressure to zero.
2. Unscrew bottom plug (remove expansion tank if necessary)
3. Using a hook or pliers, pull out concentrator.
4. Clean inside of body. Wash concentrator. Use Honeywell LimeX concentrate.
5. Reinstall concentrator. Insert non-loop end first. Push up as far as it will go.
6. Reinstall bottom plug. Lubricate O-ring with soap.

Vent:

1. Unscrew vent top collar ring. This removes entire vent top assembly.
2. Clean or replace, make sure float is properly attached to lever
3. Lubricate O-ring with soap. re-install.

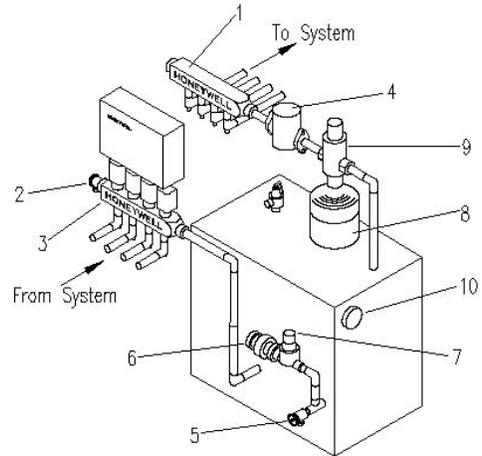


Honeywell

Your ONESop Source for Hydronic Heating Products

TYPICAL PIPING DIAGRAM:

1. Sparcozone²™ Supply Header
2. Drain Valve for Purging
3. Sparcozone²™ Multiple Zone Valve Return Manifold
4. Circulator
5. Boiler Drain
6. Backflow Preventer
7. Boiler Fill Valve
8. Diaphragm Expansion Tank
9. SuperVent
10. Tridicator



Note: Typical boiler system shown.
For illustration purposes only

NEW

Combination Tanks Kits



Honeywell Water Controls • 65 Access Road, Warwick, Rhode Island 02886 USA

Phone: 800-247-2919 • Fax: 800-777-2726

www.honeywellwatercontrols.com • www.honeywell.com