

- Hydraulically separates primary and secondary circuits.
- Separates and vents air from the system.
- Separates and collects impurities in the circuits.
- Provides ease of installation. No complicated piping.
- Available in 1" to 4" connections.
- Epoxy resin painted steel body with brass air vents and drain valve.



PSH

Primary Secondary Header

A-450A

Bell & Gossett PSH- Primary/Secondary Header

Operating Data

With Insulation

Working pressure: 150 PSI
 Operating temperature Threaded: 32° - 210°F
 Operating temperature Flanged: 32° - 220°F

Without Insulation

Working pressure: 150 PSI
 Operating temperature Threaded and Flanged: 32° - 230°F

Description

The B&G low-loss header, Model PSH, is a combination air separator and manifold that creates independent primary and secondary circuits. The B&G Model PSH is equipped with a purge valve allowing the user to remove any debris deposited on the bottom of the vessel and an air vent releasing trapped air in the system. The insulation, which is provided as a standard, prevents water vapors entering from the outside and eliminates the formation of condensate on the PSH body.

Installation

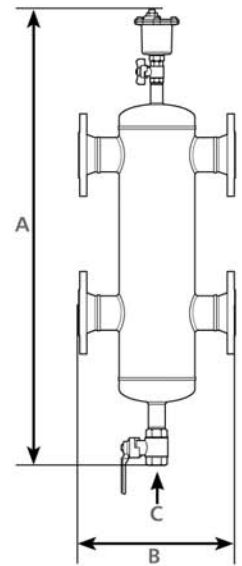
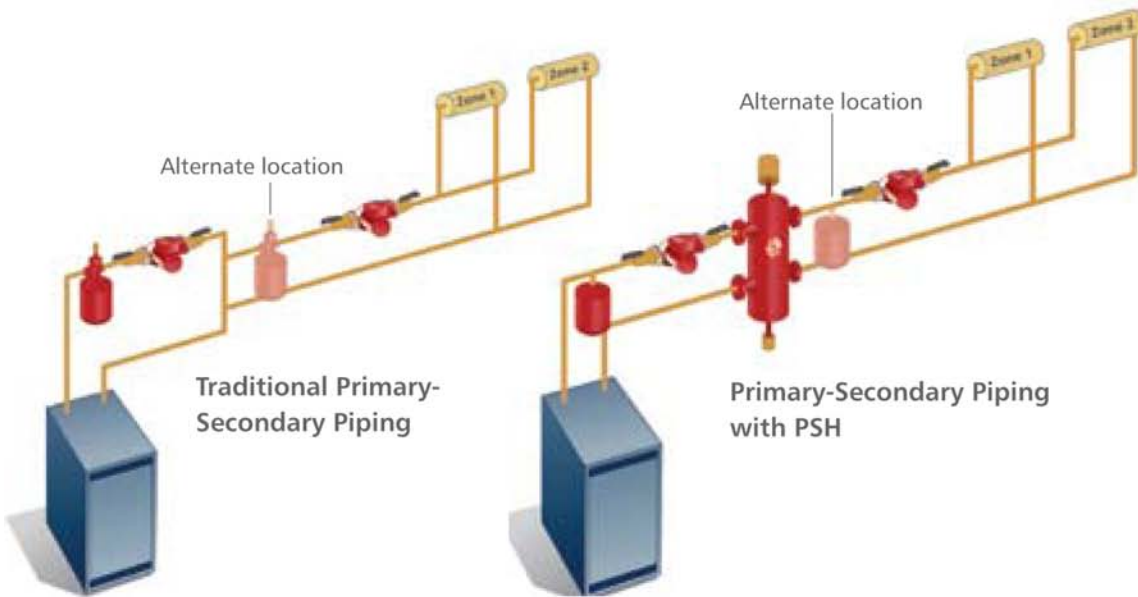
The B&G PSH saves time and money by simplifying the piping associated with traditional primary/secondary systems.

Materials of Construction

Body..... Steel
 Air Vent..... Brass
 Drain Valve..... Brass
 Insulation-Threaded PEX
 Insulation-Flanged Polyurethane Foam

Connection

1", 1-1/4" and 1-1/2" Female NPT
 2", 2-1/2", 3" and 4" ANSI 150 CLASS Flange



Flow Rate, Dimension and Weight

Model Number	Part Number	Connection Size Inches (mm)	Max Flow GPM (m ³ /h)	A Inches (mm)	B Inches (mm)	C - Drain Connection Size Inches (mm) NPT	Weight LBS (Kg)
PSH-1	112465	1 (25.4)	11 (2.5)	24-3/8 (619)	8-7/8 (225)	1/2 (12.7)	6.0 (2.7)
PSH-1.25	112466	1-1/4 (31.75)	18 (4)	26-3/4 (679)	9-3/4 (248)	1/2 (12.7)	8.3 (3.8)
PSH-1.5	112467	1-1/2 (38.1)	26 (6)	28-1/3 (719)	11-1/8 (282)	1/2 (12.7)	12.6 (5.7)
PSH-2	112468	2 (50.8)	40 (9)	42 (1069)	13-13/16 (350)	1-1/4 (31.7)	78.7 (35.7)
PSH-2.5	112469	2-1/2 (63.5)	80 (18)	42 (1069)	13-13/16 (350)	1-1/4 (31.7)	87.7 (39.8)
PSH-3	112470	3 (76.2)	124 (28)	50-3/8 (1279)	18-3/8 (466)	1-1/4 (31.7)	108.0 (49)
PSH-4	112471	4 (101.6)	247 (56)	50-3/8 (1279)	18-1/2 (470)	1-1/4 (31.7)	116.8 (53)



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