



## Bell & Gossett® PSH – Primary Secondary Header

- 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.

*Engineered for life*



# 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

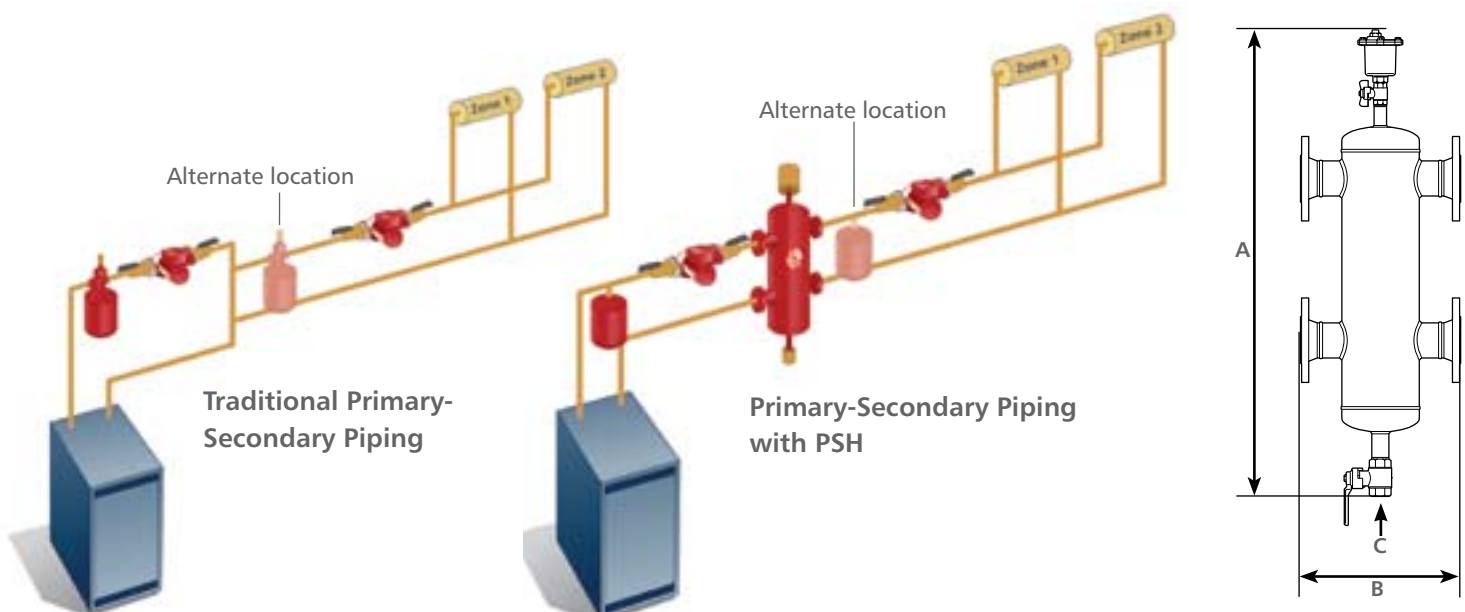
The B&G PSH saves time and money by simplifying the piping associated with traditional primary/secondary systems.

## 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 (m³/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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