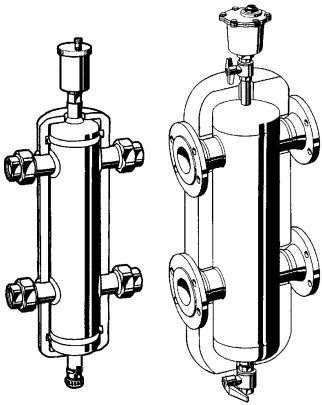


JOB:	REPRESENTATIVE:
UNIT TAG:	ORDER NO.
ENGINEER:	SUBMITTED BY:
CONTRACTOR:	APPROVED BY:
	DATE:
	DATE:
	DATE:



Primary/Secondary Header Model PSH

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

CONSTRUCTION

Connection
 1", 1-1/4" and 1-1/2" threaded female
 2", 2-1/2", 3" and 4" ANSI 150 CLASS Flange

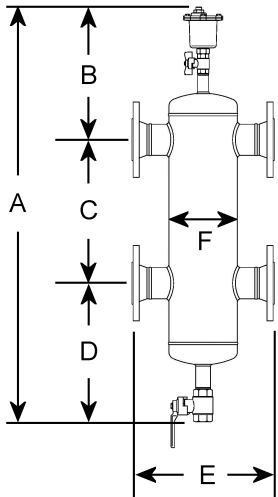
Material
 Body: Steel
 Air Vent: Brass
 Drain Valve: Brass
 Insulation-Threaded: PEX
 Insulation-Flange: Polyurethane Foam

MODEL NUMBER	PART NUMBER	CONNECTION SIZE(INCHES)	MAX FLOW GPM (m ³ /h)	TAGGING INFORMATION	QUANTITY
PSH-1	112465	1	11 (2.5)		
PSH-1.25	112466	1-1/4	18 (4)		
PSH-1.5	112467	1-1/2	26 (6)		
PSH-2	112468	2	40 (9)		
PSH-2.5	112469	2-1/2	80 (18)		
PSH-3	112470	3	124 (28)		
PSH-4	112471	4	247 (56)		

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a _____-inch primary/secondary header with insulation. The header shall be designed for maximum operating pressure of 150 PSI at a maximum operating temperature of 210°F/220°F/230°F. The header shall function as a combination air separator and manifold that creates independent primary and secondary circuits. The header body shall be made of steel and equipped with brass air vent and drain valve.

The primary/secondary header shall be ITT Bell & Gossett Model No. PSH-_____.



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

DIMENSIONS AND WEIGHTS – Inches (mm)

MODEL NUMBER	A (mm)	B (mm)	C (mm)	D (mm) MAX.	E (mm)	F(ø) (mm)	Weight LB (kg)
PSH-1	24-3/8" (619)	8" (204)	8-11/16" (220)	7-11/16" (195)	8-7/8" (225)	3" (76)	6.0 (2.7)
PSH-1.25	26-3/4" (679)	8-7/16" (214)	9-1/2" (240)	8-7/8" (225)	9-3/4" (248)	3-1/2" (89)	8.3 (3.8)
PSH-1.5	28-1/3" (719)	8-13/16" (224)	10-1/4" (260)	9-1/4" (235)	11-1/8" (282)	4-1/2" (114)	12.6 (5.7)
PSH-2	42" (1069)	15-11/16" (398)	13" (330)	13-7/16" (341)	13-13/16" (350)	6-11/16" (169)	78.7 (35.7)
PSH-2.5	42" (1069)	15-11/16" (398)	13" (330)	13-7/16" (341)	13-13/16" (350)	6-11/16" (169)	87.7 (39.8)
PSH-3	50-3/8" (1279)	17-3/8" (440)	17-3/4" (450)	15-1/2" (368)	18-3/8" (466)	8-5/8" (219)	108.0 (49)
PSH-4	50-3/8" (1279)	17-3/8" (440)	17-3/4" (450)	15-1/2" (368)	18-1/2" (470)	8-5/8" (219)	116.8 (53)

Dimensions are subject to change. Not to be used for construction purposes unless certified.