

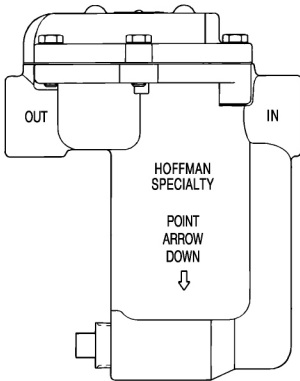


Bell & Gossett
a xylem brand

SUBMITTAL

HS-250A

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



Hoffman Specialty®



**Series B2
Inverted Bucket
Steam Traps**

SCHEDULE

PART NUMBER	MODEL NUMBER	SIZE NPT INCHES	FEATURES	INLET PRESS. psi (bar)	DIFF. PRESS. psi (bar)	FLOW RATE lb/hr (kg/hr)	TAGGING INFORMATION	QUANTITY
404348	B2015A-3	3/4	Basic					
404352	B2030A-3	3/4	Basic					
404356	B2075A-3	3/4	Basic					
404360	B2125A-3	3/4	Basic					
404364	B2180A-3	3/4	Basic					
404368	B2250A-3	3/4	Basic					
404349	B2015S-3	3/4	w/Strainer					
404353	B2030S-3	3/4	w/Strainer					
404357	B2075S-3	3/4	w/Strainer					
404361	B2125S-3	3/4	w/Strainer					
404365	B2180S-3	3/4	w/Strainer					
404369	B2250S-3	3/4	w/Strainer					
404350	B2015T-3	3/4	w/Thermic Vent					
404354	B2030T-3	3/4	w/Thermic Vent					
404358	B2075T-3	3/4	w/Thermic Vent					
404362	B2125T-3	3/4	w/Thermic Vent					
404366	B2180T-3	3/4	w/Thermic Vent					
404370	B2250T-3	3/4	w/Thermic Vent					
404351	B2015B-3	3/4	w/Str & Therm Vent					
404355	B2030B-3	3/4	w/Str & Therm Vent					
404359	B2075B-3	3/4	w/Str & Therm Vent					
404363	B2125B-3	3/4	w/Str & Therm Vent					
404367	B2180B-3	3/4	w/Str & Therm Vent					
404371	B2250B-3	3/4	w/Str & Therm Vent					

B2 Inverted Bucket Steam Traps

HS-250(A)

MATERIALS OF CONSTRUCTION

Part	Specifications
Body and cover	Cast Iron 30,000 psi tensile
Valve Pin and Seat	Stainless Steel (Hardened)
Bucket	Stainless Steel
Lever Assembly	Stainless Steel
Cover Bolts	Grade 5 Steel

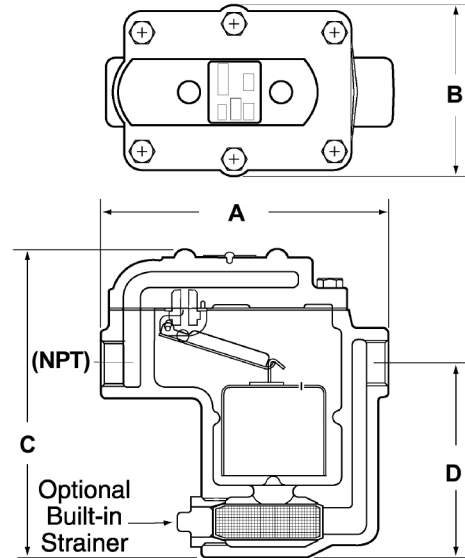
RATINGS

NPT Size In.	Max. Operating Pressure psig (bar)	Maximum Temperature °F (°C)
¾	250 (17.3)	406 (208)

Meets Mil Specification A-A-60001 Type I, Style B, Class 1 - 7.

DIMENSIONS, in. (mm)

Series	NPT Size in.	A	B	C	D	Weight (Approx.) lbs. (kg)
B2	¾	6-15/16 (177)	3-13/16 (97)	9-1/16 (230)	6-7/8 (175)	12.5 (5.7)



Capacities (Gross Ratings)

Seat Pressure psi (bar)	Orifice Size in. (mm)	Differential Pressure psig (bar)																
		1/2 (0.035)	1 (0.07)	2 (0.14)	5 (0.35)	10 (0.69)	15 (1.0)	20 (1.4)	30 (2.1)	40 (2.8)	50 (3.5)	60 (4.2)	75 (5.2)	100 (6.9)	125 (8.6)	180 (12.4)	200 (13.8)	250 (17)
Capacity lbs./hr. (kg/hr)																		
15 (1.0)	.360 (9.1)	750 (340)	975 (447)	1255 (569)	1755 (796)	2280 (1034)	2620 (1188)	-	-	-	-	-	-	-	-	-	-	-
30 (2.1)	.282 (7.1)	650 (295)	810 (367)	1005 (456)	1350 (612)	1700 (771)	1950 (885)	2130 (966)	2400 (1089)	-	-	-	-	-	-	-	-	-
75 (5.2)	.250 (6.4)	490 (222)	600 (272)	740 (336)	980 (445)	1220 (553)	1340 (608)	1440 (653)	1600 (726)	1760 (798)	1910 (866)	2030 (921)	2170 (984)	-	-	-	-	-
125 (8.6)	.203 (5.2)	350 (159)	450 (204)	580 (263)	830 (376)	905 (411)	920 (417)	1020 (463)	1180 (535)	1310 (594)	1430 (649)	1540 (699)	1680 (762)	1920 (871)	2100 (953)	-	-	-
180 (10.4)	.156 (4.0)	200 (91)	255 (116)	330 (150)	460 (209)	580 (263)	675 (306)	740 (336)	840 (381)	930 (422)	1020 (463)	1090 (494)	1190 (540)	1350 (612)	1480 (671)	1725 (782)	-	-
250 (17)	.141 (3.6)	180 (82)	235 (107)	305 (138)	430 (195)	540 (245)	620 (281)	680 (308)	780 (354)	870 (395)	940 (426)	1000 (453)	1100 (499)	1270 (576)	1415 (642)	1650 (748)	1740 (789)	1890 (857)

xylem
Let's Solve Water

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