

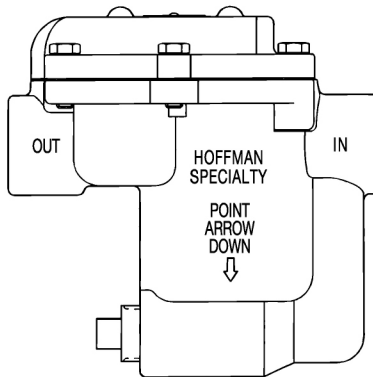


Bell & Gossett
a xylem brand

SUBMITTAL

HS-249A

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



Hoffman Specialty®



**Series B1 3/4" NPT
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
404324	B1015A-3	3/4	Basic					
404328	B1030A-3	3/4	Basic					
404332	B1075A-3	3/4	Basic					
404336	B1125A-3	3/4	Basic					
404340	B1180A-3	3/4	Basic					
404344	B1250A-3	3/4	Basic					
404325	B1015S-3	3/4	w/Strainer					
404329	B1030S-3	3/4	w/Strainer					
404333	B1075S-3	3/4	w/Strainer					
404337	B1125S-3	3/4	w/Strainer					
404341	B1180S-3	3/4	w/Strainer					
404345	B1250S-3	3/4	w/Strainer					
404326	B1015T-3	3/4	w/Thermic Vent					
404330	B1030T-3	3/4	w/Thermic Vent					
404334	B1075T-3	3/4	w/Thermic Vent					
404338	B1125T-3	3/4	w/Thermic Vent					
404342	B1180T-3	3/4	w/Thermic Vent					
404346	B1250T-3	3/4	w/Thermic Vent					
404327	B1015B-3	3/4	w/Str & Therm Vent					
404331	B1030B-3	3/4	w/Str & Therm Vent					
404335	B1075B-3	3/4	w/Str & Therm Vent					
404339	B1125B-3	3/4	w/Str & Therm Vent					
404343	B1180B-3	3/4	w/Str & Therm Vent					
404347	B1250B-3	3/4	w/Str & Therm Vent					

B1 3/4" NPT Inverted Bucket Steam Traps

HS-249(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

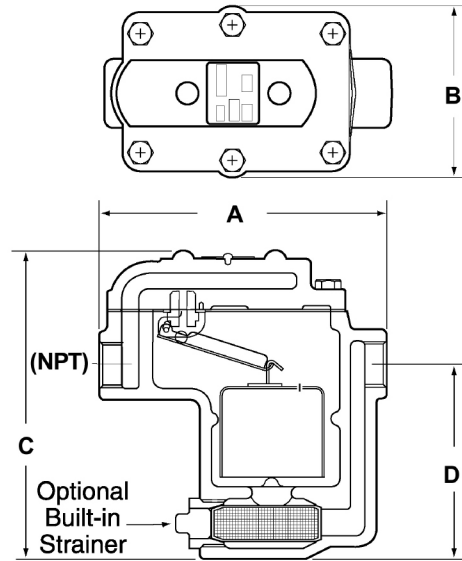
RATINGS

NPT Size In.	Max. Operating Pressure psig (bar)	Maximum Temperature °F (°C)
3/4	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)
B1	3/4	6-15/16 (177)	3-13/16 (97)	7-1/4 (184)	4-3/8 (111)	11 (5)



Capacities (Gross Ratings)

Seat Pressure psi (bar)	Orifice Size in. (mm)	Differential Pressure psig (bar)																
		1/2 (.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)	.250 (6.4)	500 (227)	650 (295)	835 (379)	1145 (519)	1490 (676)	1700 (771)	-	-	-	-	-	-	-	-	-	-	-
30 (2.1)	.187 (4.7)	260 (118)	345 (156)	460 (209)	680 (308)	905 (411)	1060 (481)	1200 (544)	1440 (653)	-	-	-	-	-	-	-	-	-
75 (5.2)	.156 (4.0)	200 (91)	255 (116)	335 (152)	480 (218)	605 (274)	695 (315)	775 (352)	900 (408)	980 (445)	1070 (485)	1130 (513)	1200 (544)	-	-	-	-	-
125 (8.6)	.125 (3.2)	115 (52)	150 (68)	195 (88)	275 (125)	355 (161)	410 (186)	460 (209)	530 (240)	595 (270)	640 (290)	690 (313)	745 (338)	830 (376)	920 (417)	-	-	-
180 (10.4)	.094 (2.4)	80 (36)	105 (48)	140 (64)	205 (93)	275 (125)	320 (145)	360 (163)	425 (193)	480 (218)	520 (236)	560 (254)	620 (281)	705 (320)	780 (354)	930 (422)	-	-
250 (17)	.070 (1.8)	28 (13)	40 (18)	55 (25)	90 (41)	125 (57)	150 (68)	175 (79)	215 (98)	250 (113)	275 (125)	305 (138)	340 (154)	400 (181)	450 (204)	570 (259)	600 (272)	700 (318)



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