

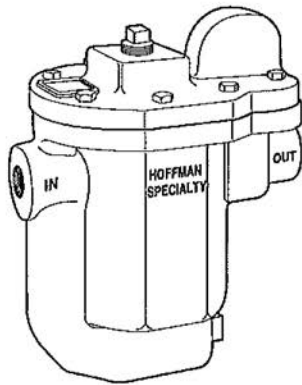


**Bell & Gossett**  
a xylem brand

**SUBMITTAL**

**HS-244A**

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



**Hoffman Specialty®**



**Series B4 1" NPT  
Inverted Bucket  
Steam Traps**

**SCHEDULE**

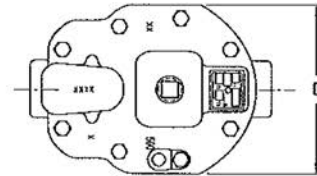
PART NUMBER	MODEL NUMBER	SIZE NPT INCHES	FEATURES	INLET PRESS. psi (bar)	DIFF. PRESS. psi (bar)	FLOW RATE lb/hr (kg/hr)	TAGGING INFORMATION	QUANTITY
404500	B4015A-4	1	Basic					
404501	B4030A-4	1	Basic					
404502	B4075A-4	1	Basic					
404503	B4125A-4	1	Basic					
404504	B4180A-4	1	Basic					
404505	B4250A-4	1	Basic					
404506	B4015S-4	1	w/Strainer					
404507	B4030S-4	1	w/Strainer					
404508	B4075S-4	1	w/Strainer					
404509	B4125S-4	1	w/Strainer					
404510	B4180S-4	1	w/Strainer					
404511	B4250S-4	1	w/Strainer					
404512	B4015T-4	1	w/Thermic Vent					
404513	B4030T-4	1	w/Thermic Vent					
404514	B4075T-4	1	w/Thermic Vent					
404515	B4125T-4	1	w/Thermic Vent					
404516	B4180T-4	1	w/Thermic Vent					
404517	B4250T-4	1	w/Thermic Vent					
404518	B4015B-4	1	w/Str & Therm Vent					
404519	B4030B-4	1	w/Str & Therm Vent					
404520	B4075B-4	1	w/Str & Therm Vent					
404521	B4125B-4	1	w/Str & Therm Vent					
404522	B4180B-4	1	w/Str & Therm Vent					
404523	B4250B-4	1	w/Str & Therm Vent					

# B4 1" NPT Inverted Bucket Steam Traps

HS-244(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



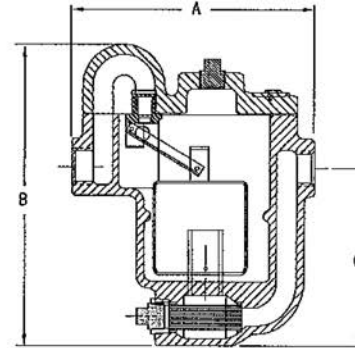
## RATINGS

NPT Size In.	Max. Operating Pressure psig (bar)	Maximum Temperature °F (°C)
1	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)
B4	1	11-3/8 (289)	14-3/16 (360)	8-5/16 (211)	8-1/8 (206)	61 (28)



## Capacities (Gross Ratings)

Seat Pressure psi (bar)	Orifice Size in. (mm)	Differential Pressure psig (bar)																	
		1 (0.07)	1/2 (.035)	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)	.625 (16)	2382 (1080)	2991 (1357)	3755 (1703)	5071 (2300)	6366 (2888)	7272 (3300)	-	-	-	-	-	-	-	-	-	-	-	-
30 (2.1)	.5 (12.7)	1565 (710)	2053 (931)	2693 (1222)	3855 (1749)	5056 (2293)	5926 (2688)	6633 (3009)	7774 (3526)	-	-	-	-	-	-	-	-	-	-
75 (5.2)	.375 (9.53)	825 (374)	1137 (516)	1568 (711)	2396 (1087)	3302 (1498)	3983 (1798)	4550 (2064)	5489 (2490)	6271 (2845)	6953 (3154)	7566 (3432)	8389 (3805)	-	-	-	-	-	-
125 (8.6)	.344 (7.7)	780 (354)	1067 (484)	1459 (662)	2205 (1000)	3015 (1377)	3621 (1642)	4122 (1870)	4950 (2245)	5636 (2556)	6233 (2827)	6767 (3069)	7484 (3395)	8522 (3866)	9424 (4275)	-	-	-	-
180 (10.4)	.281 (7.14)	522 (237)	719 (326)	991 (450)	1516 (688)	2089 (948)	2521 (1144)	2881 (1307)	3476 (1577)	3971 (1801)	4403 (1997)	4791 (2173)	5313 (2410)	6070 (2753)	6732 (3054)	7970 (3615)	-	-	-
250 (17)	.25 (6.35)	389 (176)	543 (246)	759 (344)	1180 (535)	1649 (748)	2005 (909)	2303 (1045)	2801 (1271)	3218 (1460)	3583 (1625)	3913 (1775)	4357 (1976)	5006 (2270)	5574 (2528)	6646 (3015)	6993 (3172)	7787 (3532)	

**xylem**  
Let's Solve Water

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