



**Bell & Gossett**  
a xylem brand

**SUBMITTAL**

**HS-248A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

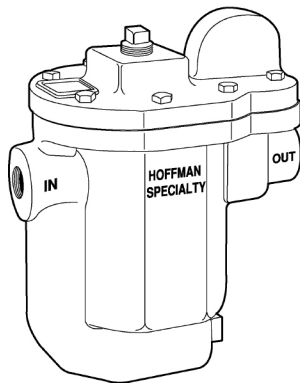
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



**Hoffman Specialty®**



**Series B4 1½" NPT  
Inverted Bucket  
Steam Traps**

**SCHEDULE**

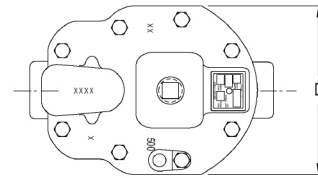
PART NUMBER	MODEL NUMBER	SIZE NPT INCHES	FEATURES	INLET PRESS. psi (bar)	DIFF. PRESS. psi (bar)	FLOW RATE lb/hr (kg/hr)	TAGGING INFORMATION	QUANTITY
404548	B4015A-6	1½	Basic					
404549	B4030A-6	1½	Basic					
404550	B4075A-6	1½	Basic					
404551	B4125A-6	1½	Basic					
404552	B4180A-6	1½	Basic					
404553	B4250A-6	1½	Basic					
404554	B4015S-6	1½	w/Strainer					
404555	B4030S-6	1½	w/Strainer					
404556	B4075S-6	1½	w/Strainer					
404557	B4125S-6	1½	w/Strainer					
404558	B4180S-6	1½	w/Strainer					
404559	B4250S-6	1½	w/Strainer					
404560	B4015T-6	1½	w/Thermic Vent					
404561	B4030T-6	1½	w/Thermic Vent					
404562	B4075T-6	1½	w/Thermic Vent					
404563	B4125T-6	1½	w/Thermic Vent					
404564	B4180T-6	1½	w/Thermic Vent					
404565	B4250T-6	1½	w/Thermic Vent					
404566	B4015B-6	1½	w/Str & Therm Vent					
404567	B4030B-6	1½	w/Str & Therm Vent					
404568	B4075B-6	1½	w/Str & Therm Vent					
404569	B4125B-6	1½	w/Str & Therm Vent					
404570	B4180B-6	1½	w/Str & Therm Vent					
404571	B4250B-6	1½	w/Str & Therm Vent					

# B4 1½" NPT Inverted Bucket Steam Traps

HS-248(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



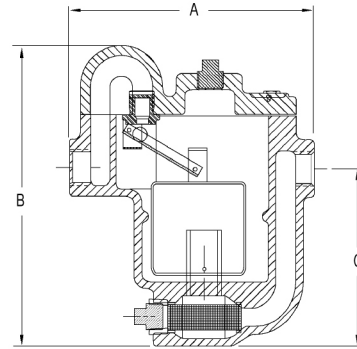
## RATINGS

NPT Size In.	Max. Operating Pressure psig (bar)	Maximum Temperature °F (°C)
1½	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	1½	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)																
		1/2 (.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)	.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 Inc.  
 8200 N. Austin Avenue  
 Morton Grove, Illinois 60053  
 Phone: (847) 966-3700  
 Fax: (847) 965-8379  
 www.bellgossett.com