

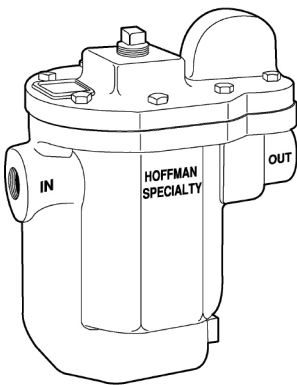


**Bell & Gossett**  
a xylem brand

**SUBMITTAL**

**HS-247A**

<b>JOB:</b>	<b>REPRESENTATIVE:</b>	
<b>UNIT TAG:</b>	<b>ORDER NO.</b>	<b>DATE:</b>
<b>ENGINEER:</b>	<b>SUBMITTED BY:</b>	<b>DATE:</b>
<b>CONTRACTOR:</b>	<b>APPROVED BY:</b>	<b>DATE:</b>



**Hoffman Specialty®**



**Series B4 1¼" NPT  
Inverted Bucket  
Steam Traps**

**SCHEDULE**

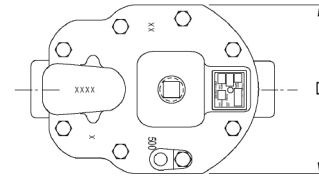
PART NUMBER	MODEL NUMBER	SIZE NPT INCHES	FEATURES	INLET PRESS. psi (bar)	DIFF. PRESS. psi (bar)	FLOW RATE lb/hr (kg/hr)	TAGGING INFORMATION	QUANTITY
404524	B4015A-5	1¼	Basic					
404525	B4030A-5	1¼	Basic					
404526	B4075A-5	1¼	Basic					
404527	B4125A-5	1¼	Basic					
404528	B4180A-5	1¼	Basic					
404529	B4250A-5	1¼	Basic					
404530	B4015S-5	1¼	w/Strainer					
404531	B4030S-5	1¼	w/Strainer					
404532	B4075S-5	1¼	w/Strainer					
404533	B4125S-5	1¼	w/Strainer					
404534	B4180S-5	1¼	w/Strainer					
404535	B4250S-5	1¼	w/Strainer					
404536	B4015T-5	1¼	w/Thermic Vent					
404537	B4030T-5	1¼	w/Thermic Vent					
404538	B4075T-5	1¼	w/Thermic Vent					
404539	B4125T-5	1¼	w/Thermic Vent					
404540	B4180T-5	1¼	w/Thermic Vent					
404541	B4250T-5	1¼	w/Thermic Vent					
404542	B4015B-5	1¼	w/Str & Therm Vent					
404543	B4030B-5	1¼	w/Str & Therm Vent					
404544	B4075B-5	1¼	w/Str & Therm Vent					
404545	B4125B-5	1¼	w/Str & Therm Vent					
404546	B4180B-5	1¼	w/Str & Therm Vent					
404547	B4250B-5	1¼	w/Str & Therm Vent					

# B4 1 1/4" NPT Inverted Bucket Steam Traps

HS-247(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



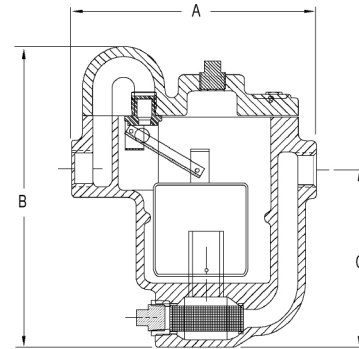
## RATINGS

NPT Size In.	Max. Operating Pressure psig (bar)	Maximum Temperature °F (°C)
1 1/4	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)
B4	1 1/4	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**  
Let's Solve Water

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