

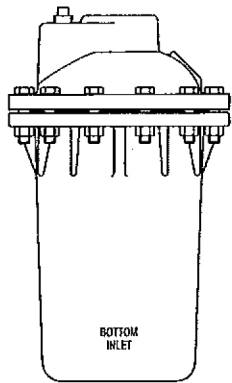


Bell & Gossett
a xylem brand

SUBMITTAL

HS-245A

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



Hoffman Specialty®



**Series B6
Inverted Bucket
Steam Traps**

SCHEDULE

PART NUMBER	MODEL NUMBER	SIZE NPT INCHES	INLET PRESS. psi (bar)	DIFF. PRESS. psi (bar)	FLOW RATE lb/hr (kg/hr)	TAGGING INFORMATION	QUANTITY
404690	B6025A-6	1½					
404691	B6040A-6	1½					
404692	B6125A-6	1½					
404693	B6250A-6	1½					
404694	B6025A-8	2					
404695	B6040A-8	2					
404696	B6125A-8	2					
404697	B6250A-8	2					

B6 Inverted Bucket Steam Traps

HS-245(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

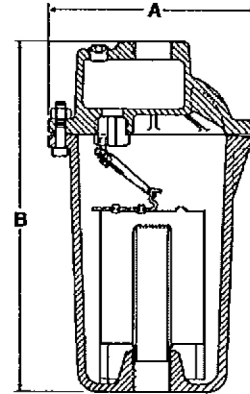
RATINGS

NPT Size In.	Max. Operating Pressure psig (bar)	Maximum Temperature °F (°C)
1½, 2	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	Weight (Approx.) lbs. (kg)
B6	1½, 2	10-3/16 (259)	17 (432)	78 (35)



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)	25 (1.69)	30 (2.1)	40 (2.8)	50 (3.5)	60 (4.2)	75 (5.2)	100 (6.9)	125 (8.6)	150 (10.4)	200 (13.8)	250 (17)
		Capacity lbs./hr. (kg/hr)																
25 (1.69)	.875 (22.2)	3930 (1784)	5250 (2383)	7330 (3327)	11000 (4994)	14100 (6396)	16300 (7394)	20000 (9072)	-	-	-	-	-	-	-	-	-	-
40 (2.8)	.750 (19.0)	3100 (1406)	4160 (1887)	5400 (2449)	7600 (3447)	9000 (4082)	12900 (5851)	16000 (7258)	17300 (7847)	20000 (9080)	-	-	-	-	-	-	-	-
125 (8.6)	.500 (12.7)	1720 (780)	2280 (1035)	3200 (1452)	4800 (2179)	6500 (2951)	7800 (3541)	9700 (4400)	10600 (4812)	12000 (5448)	13800 (6265)	14300 (6492)	15300 (6946)	18000 (8172)	20000 (9080)	-	-	-
250 (17)	.375 (9.53)	1180 (535)	1570 (712)	2200 (998)	3300 (1498)	4500 (2043)	5400 (2451)	6800 (3084)	7400 (3359)	8400 (3813)	9300 (4222)	10200 (4630)	11000 (4994)	12800 (5811)	14000 (6356)	15300 (6946)	17500 (7945)	19000 (8626)



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