

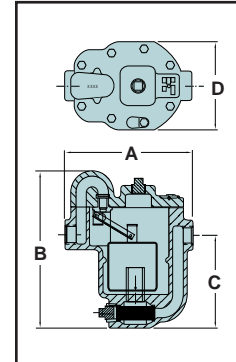
## Inverted Bucket Steam Traps (continued)

### Series B BEAR TRAP®

**NEW**

#### Series B3

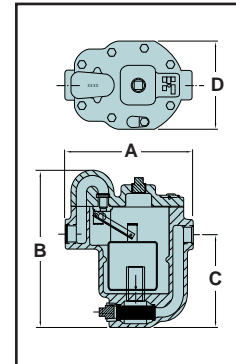
- Available in sizes 3/4" and 1" (20mm and 25mm) NPT
- Meets Mil specification WW-T-696-E Type I, Style B, Class 1-7
- Removable covers for easy in-line service
- Stainless steel internal components
- Resistant to moderate water hammer
- Optional built-in thermic vent for faster heating
- Optional built-in strainer to reduce the number of piping connections
- Maximum capacities to 5000 lbs/hr (2268 kg/hr.)
- Maximum temperature 450°F (230°C)
- Maximum operating pressure 250 psig (17.3 bar)



**NEW**

#### Series B4

- Available in sizes 1", 1 1/4", 1 1/2" (25, 32, 40mm) NPT
- Meets Mil specification WW-T-696-E Type I, Style B, Class 1-7
- Removable covers for easy in-line service
- Stainless steel internal components
- Resistant to moderate water hammer
- Optional built-in thermic vent for faster heating
- Optional built-in strainer to reduce the number of piping connections
- Maximum capacities to 9424 lbs/hr (4275 kg/hr.)
- Maximum temperature 450°F (230°C)
- Maximum operating pressure 250 psig (17.3 bar)



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

### Dimensions in. (mm)

Series	NPT Size	A	B	C	D
B3	3/4, 1 (20), (25)	9 7/16 (239)	11 5/8 (294)	6 7/8 (174)	6 9/16 (166)
B4	1, 1 1/4, 1 1/2, (25, 32, 40)	11 3/8 (289)	14 3/16 (360)	8 5/16 (211)	8 1/8 (206)

Series B  BEAR TRAP®

**Ordering Information** (Specify the part number on your order)

**Model (A)** units are basic.

**Model (B)** units have a built-in strainer and thermic vent for fast venting.

**Model (S)** units have a built-in strainer.

**Model (T)** units have an optional thermic vent built-in for faster venting.

**Example: Model Number B1030A**

**B1** (Unit size selected from capacity table)

**030** (Differential seat pressure rating)

**A** (Basic Unit)

**Series B3 Ordering Information**

Model Number	Part Number	NPT Size in. (mm)	Differential Pressure psi (bar)	Weight lbs. (kg)
B3015A	404400	¾ (20)	15 (1.0)	35 (16)
B3030A	404401	¾ (20)	30 (2.1)	35 (16)
B3075A	404402	¾ (20)	75 (5.2)	35 (16)
B3125A	404403	¾ (20)	125 (8.6)	35 (16)
B3180A	404404	¾ (20)	180 (12.4)	35 (16)
B3250A	404405	¾ (20)	250 (17.3)	35 (16)
B3015A	404424	1 (25)	15 (1.0)	35 (16)
B3030A	404425	1 (25)	30 (2.1)	35 (16)
B3075A	404426	1 (25)	75 (5.2)	35 (16)
B3125A	404427	1 (25)	125 (8.6)	35 (16)
B3180A	404428	1 (25)	180 (12.4)	35 (16)
B3250A	404229	1 (25)	250 (17.3)	35 (16)
B3015S	404406	¾ (20)	15 (1.0)	35 (16)
B3030S	404407	¾ (20)	30 (2.1)	35 (16)
B3075S	404408	¾ (20)	75 (5.2)	35 (16)
B3125S	404409	¾ (20)	125 (8.6)	35 (16)
B3180S	404410	¾ (20)	180 (12.4)	35 (16)
B3250S	404411	¾ (20)	250 (17.3)	35 (16)
B3015S	404430	1 (25)	15 (1.0)	35 (16)
B3030S	404431	1 (25)	30 (2.1)	35 (16)
B3075S	404432	1 (25)	75 (5.2)	35 (16)
B3125S	404433	1 (25)	125 (8.6)	35 (16)
B3180S	404434	1 (25)	180 (12.4)	35 (16)
B3250S	404435	1 (25)	250 (17.3)	35 (16)

Model Number	Part Number	NPT Size in. (mm)	Differential Pressure psi (bar)	Weight lbs. (kg)
B3015T	404412	¾ (20)	15 (1.0)	35 (16)
B3030T	404413	¾ (20)	30 (2.1)	35 (16)
B3075T	404414	¾ (20)	75 (5.2)	35 (16)
B3125T	404415	¾ (20)	125 (8.6)	35 (16)
B3180T	404416	¾ (20)	180 (12.4)	35 (16)
B3250T	404417	¾ (20)	250 (17.3)	35 (16)
B3015T	404436	1 (25)	15 (1.0)	35 (16)
B3030T	404437	1 (25)	30 (2.1)	35 (16)
B3075T	404438	1 (25)	75 (5.2)	35 (16)
B3125T	404439	1 (25)	125 (8.6)	35 (16)
B3180T	404440	1 (25)	180 (12.4)	35 (16)
B3250T	404441	1 (25)	250 (17.3)	35 (16)
B3015B	404418	¾ (20)	15 (1.0)	35 (16)
B3030B	404419	¾ (20)	30 (2.1)	35 (16)
B3075B	404420	¾ (20)	75 (5.2)	35 (16)
B3125B	404421	¾ (20)	125 (8.6)	35 (16)
B3180B	404422	¾ (20)	180 (12.4)	35 (16)
B3250B	404423	¾ (20)	250 (17.3)	35 (16)
B3015B	404442	1 (25)	15 (1.0)	35 (16)
B3030B	404443	1 (25)	30 (2.1)	35 (16)
B3075B	404444	1 (25)	75 (5.2)	35 (16)
B3125B	404445	1 (25)	125 (8.6)	35 (16)
B3180B	404446	1 (25)	180 (12.4)	35 (16)
B3250B	404447	1 (25)	250 (17.3)	35 (16)

## Inverted Bucket Steam Traps (continued)

### Series B BEAR TRAP®

#### Series B4 Ordering Information

Model Number	Part Number	NPT Size in. (mm)	Differential Pressure psi (bar)	Weight lbs. (kg)
B4015A	404500	1 (25)	15 (1.0)	61 (28)
B4030A	404501	1 (25)	30 (2.1)	61 (28)
B4075A	404502	1 (25)	75 (5.2)	61 (28)
B4125A	404503	1 (25)	125 (8.6)	61 (28)
B4180A	404504	1 (25)	180 (12.4)	61 (28)
B4250A	404505	1 (25)	250 (17.3)	61 (28)
B4015A	404524	1¼ (32)	15 (1.0)	61 (28)
B4030A	404525	1¼ (32)	30 (2.1)	61 (28)
B4075A	404526	1¼ (32)	75 (5.2)	61 (28)
B4125A	404527	1¼ (32)	125 (8.6)	61 (28)
B4180A	404528	1¼ (32)	180 (12.4)	61 (28)
B4250A	404529	1¼ (32)	250 (17.3)	61 (28)
B4015A	404548	1½ (40)	15 (1.0)	61 (28)
B4030A	404549	1½ (40)	30 (2.1)	61 (28)
B4075A	404550	1½ (40)	75 (5.2)	61 (28)
B4125A	404551	1½ (40)	125 (8.6)	61 (28)
B4180A	404552	1½ (40)	180 (12.4)	61 (28)
B4250A	404553	1½ (40)	250 (17.3)	61 (28)
B4015S	404506	1 (25)	15 (1.0)	61 (28)
B4030S	404507	1 (25)	30 (2.1)	61 (28)
B4075S	404508	1 (25)	75 (5.2)	61 (28)
B4125S	404509	1 (25)	125 (8.6)	61 (28)
B4180S	404510	1 (25)	180 (12.4)	61 (28)
B4250S	404511	1 (25)	250 (17.3)	61 (28)
B4015S	404530	1¼ (32)	15 (1.0)	61 (28)
B4030S	404531	1¼ (32)	30 (2.1)	61 (28)
B4075S	404532	1¼ (32)	75 (5.2)	61 (28)
B4125S	404533	1¼ (32)	125 (8.6)	61 (28)
B4180S	404534	1¼ (32)	180 (12.4)	61 (28)
B4250S	404535	1¼ (32)	250 (17.3)	61 (28)
B4015S	404554	1½ (40)	15 (1.0)	61 (28)
B4030S	404555	1½ (40)	30 (2.1)	61 (28)
B4075S	404556	1½ (40)	75 (5.2)	61 (28)
B4125S	404557	1½ (40)	125 (8.6)	61 (28)
B4180S	404558	1½ (40)	180 (12.4)	61 (28)
B4250S	404559	1½ (40)	250 (17.3)	61 (28)
B4015T	404512	1 (25)	15 (1.0)	61 (28)
B4030T	404513	1 (25)	30 (2.1)	61 (28)
B4075T	404514	1 (25)	75 (5.2)	61 (28)
B4125T	404515	1 (25)	125 (8.6)	61 (28)
B4180T	404516	1 (25)	180 (12.4)	61 (28)
B4250T	404517	1 (25)	250 (17.3)	61 (28)
B4015T	404536	1¼ (32)	15 (1.0)	61 (28)
B4030T	404537	1¼ (32)	30 (2.1)	61 (28)
B4075T	404538	1¼ (32)	75 (5.2)	61 (28)
B4125T	404539	1¼ (32)	125 (8.6)	61 (28)
B4180T	404540	1¼ (32)	180 (12.4)	61 (28)
B4250T	404541	1¼ (32)	250 (17.3)	61 (28)
B4015T	404560	1½ (40)	15 (1.0)	61 (28)
B4030T	404561	1½ (40)	30 (2.1)	61 (28)
B4075T	404562	1½ (40)	75 (5.2)	61 (28)
B4125T	404563	1½ (40)	125 (8.6)	61 (28)
B4180T	404564	1½ (40)	180 (12.4)	61 (28)
B4250T	404565	1½ (40)	250 (17.3)	61 (28)
B4015B	404518	1 (25)	15 (1.0)	61 (28)
B4030B	404519	1 (25)	30 (2.1)	61 (28)
B4075B	404520	1 (25)	75 (5.2)	61 (28)
B4125B	404521	1 (25)	125 (8.6)	61 (28)
B4180B	404522	1 (25)	180 (12.4)	61 (28)
B4250B	404523	1 (25)	250 (17.3)	61 (28)
B4015B	404542	1¼ (32)	15 (1.0)	61 (28)
B4030B	404543	1¼ (32)	30 (2.1)	61 (28)
B4075B	404544	1¼ (32)	75 (5.2)	61 (28)
B4125B	404545	1¼ (32)	125 (8.6)	61 (28)
B4180B	404546	1¼ (32)	180 (12.4)	61 (28)
B4250B	404547	1¼ (32)	250 (17.3)	61 (28)
B4015B	404566	1½ (40)	15 (1.0)	61 (28)
B4030B	404567	1½ (40)	30 (2.1)	61 (28)
B4075B	404568	1½ (40)	75 (5.2)	61 (28)
B4125B	404569	1½ (40)	125 (8.6)	61 (28)
B4180B	404570	1½ (40)	180 (12.4)	61 (28)
B4250B	404571	1½ (40)	250 (17.3)	61 (28)