



**VALVE AND FLOW CONTROL SPECIALISTS**  
*SERVICE AND RELIABILITY*

**INVERTED BUCKET TRAP  
BT-880**

**DESCRIPTION**

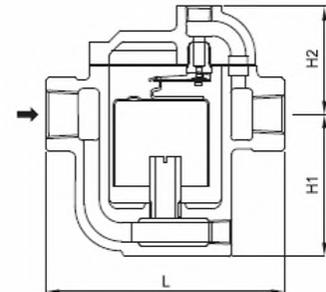
The BT-880 series inverted bucket traps are a robust low to medium capacity unit, making an ideal general purpose trap. One of the few traps that has an upgraded SG iron body (better than cast iron) with SS internals and hardened ball and seat for durable life span. They operate continuously while draining intermittently. As they discharge from the top of the bucket it makes them less likely to clog from dirt or sediment from lack of maintenance. Common services are heat exchangers, kettles and laundry equipment. Operating parameters 1.5 to 10 Bar, 220 deg C and 320 kgs / hr. Connections are female screwed horizontal.



**MAIN FEATURES**

Intermittent discharge.  
Discharges condensate close to steam temperature.  
Unaffected by water-hammer and vibration.  
Easy to maintain.  
Built in 60 mesh strainer.

USE : Saturated steam.  
MODELS : BT-881 (DN32 to DN50) BT-816 (High Capacity 16 bar MOP)  
SIZES : ½", ¾" and 1" (DN15,20 & 25)  
CONNECTIONS : Female screwed ISO 7/1 Rp (BS21)  
INSTALLATION: Horizontal installation.



DESIGNATION	MATERIAL
BODY	SG Iron GCD450
COVER	SG Iron GCD450
GASKET	NON ASBESTOS
SEAT	410 STAINLESS STEEL
VALVE	410 STAINLESS STEEL
LEVER	304 STAINLESS STEEL
BUCKET	304 STAINLESS STEEL
STRAINER SCREEN	304 STAINLESS STEEL
GASKET	316 / GRAPHITE
PLUG	C22.8
BOLTS	STEEL 8.8

DIMENSIONS (mm)				
SIZE	L	H1	H2	Weight
DN				KG
15 & 20	127	78	65	2.3
1	127	100	65	3.5

PMO: Max.operating pressure 10 bar  
TMO : Max.operating temperature 220 °C

Also available in PN 16 flanged

**FLOW RATE CAPACITY IN Kg/h** (Note: Max Differential Pressures)

Model - Bar	1	5	10
BT-880	140	240	320

Bucket traps fail in the open position.  
Bucket traps require priming on installation ie require water to fill the trap before steam enters.

Recommended safety factor: Continuous service= 1.2 – 1.5 discontinuous service = 2-3.