



**'Fluid control'** the Complete solution from one source !

## Universal Engineering

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# VERTICAL INVERTED BUCKET STEAM TRAP

## Technical Data:

Manufacturing std. : IS 12268/ ISO 6552

End connection : Screwed Ends to BSP (F)/NPT

## OPERATING CONDITIONS:

### Cast Iron

Max. Operating Pressure at Min. temp 100°F-200 psi

Max. Operating Pressure at Max. temp 450° F-125 psi

### Cast Steel

Max. Operating Pressure at Min. temp 100° F - 285 psi

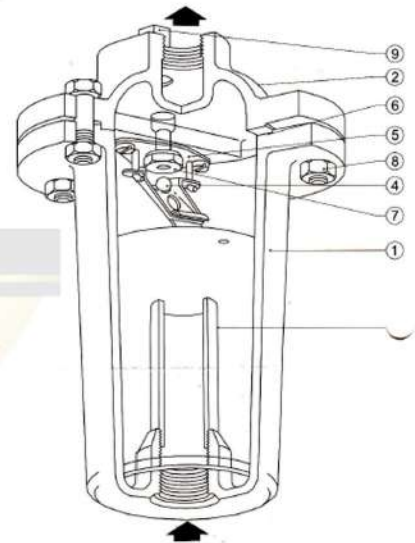
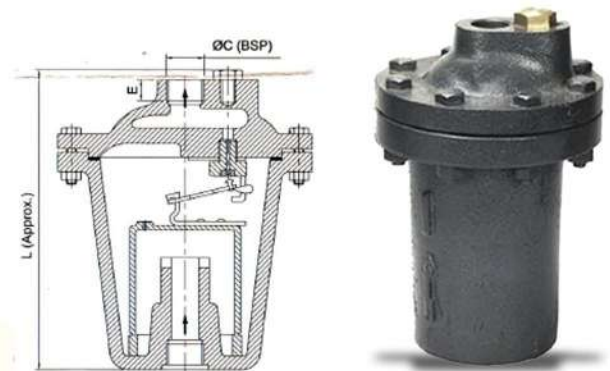
Mox. Operating Pressure at Mox. temp 800°F - 80 psi

### HYDROSTATIC TEST PRESSURE

|            |         |
|------------|---------|
| CAST IRON  | 300 psi |
| CAST STEEL | 425 psi |

### Material List

| P. No. | Parts Name        | Material                                                    | Qty. |
|--------|-------------------|-------------------------------------------------------------|------|
| 1      | Body              | C.I. IS 210 Gr. FG 260<br>CI GGG 40/ ASTM A 126 CLB / WCB   | 1    |
| 2      | COVER             | C.I. IS 210 Gr. FG 260<br>C.I. GGG 40/ ASTM A 126 CLB / WCB | 1    |
| 3      | BUCKET            | SS 304                                                      | 1    |
| 4      | VALVE             | SS 304                                                      | 1    |
| 5      | LOCK PLATE        | SS 304                                                      | 1    |
| 6      | COVER GASKET      | GRAPHITE                                                    | 1    |
| 7      | SEAT              | SS 304                                                      | 1    |
| 8      | BODY BOLTS & NUTS | CARBON STEEL                                                | Req. |
| 9      | COVER BOLT        | CARBON STEEL                                                | 1    |



### Dimensions list

| SIZE | L     | ØC (BSP) | E     |
|------|-------|----------|-------|
| 15   | 170   | ½"       | 13.56 |
| 20   | 223.5 | ¾"       | 13.87 |
| 25   | 282.5 | 1"       | 17.35 |
| 40   | 378   | 1 ½"     | 18.38 |
| 50   | 432   | 2"       | 19.23 |

THE DESIGN AND TECHNICAL DATA FURNISHED HERE ARE SUBJECT TO CHANGE  
DUE TO CONTINUOUS PRODUCT DEVELOPMENT

All dimensions are in M.M.

