

# YBT-4 Bucket Trap

As an optimal trap for drain discharge for steam pipelines and headers, it has a simple structure that ensures easy maintenance.



## ■ Features

- Simple structure & extremely strong parts : durability and effective operations are guaranteed.
- No air binding : inverted structure of the bucket.
- No need to attach a separate strainer : bucket trap with built-in screen.
- Easy repair : simply remove the cover.

## ■ Specifications

| Type                    |            | YBT-4               |
|-------------------------|------------|---------------------|
| Applicable pressure     |            | Maximum 17 kgf/cm²g |
| Fluid temperature       |            | 220° C below        |
| End connection          |            | KS PT SCREW         |
| Materials               | Body       | GCD450              |
|                         | Disc, seat | STS                 |
| Hydraulic test pressure |            | 25 kgf/cm²g         |

## ■ Maximum applicable differential pressure

| Size     | Applicable differential pressure (Psi) |
|----------|--|
| 15(1/2") | 80 / 125 / 230                         |
| 20(3/4") |  |
| 25(1")   |  |

## ■ Dimensions

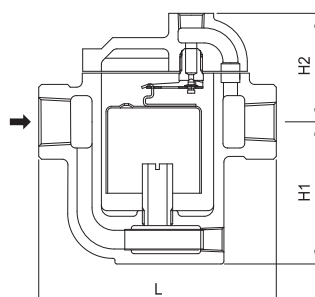
(mm)

| Size     | L   | H1  | H2 | D    | Weight(kg) |
|----------|-----|-----|----|------|------------|
| 15(1/2") | 127 | 78  | 65 | 1/2" | 2.7        |
| 20(3/4") | 127 | 78  | 65 | 3/4" | 2.7        |
| 25(1")   | 127 | 100 | 65 | 1"   | 3.0        |

## ■ Cautions during installation

- After installing a bypass line and before operating the trap, blow out and remove foreign substances from inside the pipeline.
- The trap should be installed horizontally.
- The location of trap installation in the pipeline should be the lowest point of the facility or the end of the pipeline. If the outlet side is vertically standing, the height of the trap should be within the allowed back pressure range.

## ■ Dimensional drawing



## ■ Flow curve

