

For Liquid and Steam Service

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

Series 17

In-line Bronze Single Union Strainers

Sizes: 3/4" – 1" (20 -25mm)

Series 17 In-line Bronze Single Union Strainers are designed to protect system components from dirt, rust and other damaging debris in the piping system. This series is ideal for quick removal from equipment for cleaning or where feed line separation is required.

Features

- Bronze body
- Single union end
- Buna-N union seal
- NPT threaded female end connections

Pressure – Temperature

Maximum Working Pressure:

- 250psi (17 bar) WOG @ 180°F (82°C)
- 50psi (345kPa) WSP @ 280°F (137°C)

Specifications

An in-line bronze strainer to be installed as indicated on the plans. The strainer must have a single union end and NPT threaded female end connections. Strainer shall be rated to 250psi (17 bar) WOG @ 180°F (82°C); 50psi (3.4 bar) WSP @ 280°F (137°C). Strainer shall be a Watts Regulator Company Series 17.

Materials

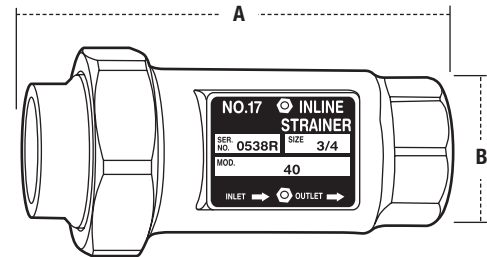
- Body: Cast Bronze
 Union Seal: Buna-N
 Screen: 40 Mesh* Stainless Steel
 *Consult factory for additional screen options.

| | Sizes | |
|----------|-------|-----|
| | 3/4" | 1" |
| Flow-gpm | 10 | .3 |
| | 20 | 1.0 |
| | 30 | 2.4 |
| | 40 | 4.0 |
| | 50 | 6.0 |
| | 60 | 8.1 |
| | (psi) | |



Performance Data

| SIZE (DN) | | 10gpm | | 20gpm | | 30gpm | | 40gpm | | 50gpm | | 60gpm | |
|-----------|----|-------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|
| in. | mm | psi | kPa | psi | kPa | psi | kPa | psi | kPa | psi | kPa | psi | kPa |
| 3/4 | 20 | 0.4 | 2.8 | 1.5 | 10.3 | 3.8 | 26.2 | 6.0 | 41.4 | 8.9 | 61.4 | – | – |
| 1 | 25 | 0.3 | 2.1 | 1.0 | 6.9 | 2.4 | 16.5 | 4.0 | 27.6 | 6.0 | 41.4 | 8.1 | 55.8 |



Dimensions – Weights

| SIZE (DN) | | DIMENSIONS | | | | WEIGHT | |
|-----------|----|------------|-----|-------|----|--------|------|
| in. | mm | A | | B | | lbs. | kgs. |
| | | in. | mm | in. | mm | | |
| 3/4 | 20 | 4 3/8 | 111 | 2 3/8 | 60 | 1.8 | 0.7 |
| 1 | 25 | 4 3/8 | 111 | 2 3/8 | 60 | 1.8 | 0.7 |

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Water Safety & Flow Control Products

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