

## Newton Systems



## STEAM TRAP SERIES

Silencer

# Silencer

DF3 Silencer



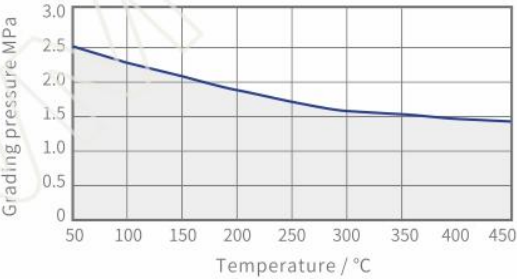
### Technical Parameter

| Model | Connection Method | Nominal Pressure PN MPa | Working Pressure Range MPa | Max.allowable Temp.°C @ Pre. MPa |
|-------|-------------------|-------------------------|----------------------------|----------------------------------|
| DF1   | Screw thread      | 25                      | 0.05-2.5                   | 325@1.6                          |
| DF2   | Screw thread      | 25                      | 0.05-2.5                   | 325@1.6                          |
| DF3   | Screw thread      | 25                      | 0.05-2.5                   | 325@1.6                          |

### Material Table

Body: 304  
Interface: 304  
Other Internals: 304

### 304 Material PN25 Valve Body Pressure-Temperature Ratings



### Product Features

The DF3 silencer is compact and is used to discharge to the steam trap outlet of the inlet condensate return line. It reduces the noise and water hammer problems caused by rapid cooling of flash condensate at the trap discharge outlet.

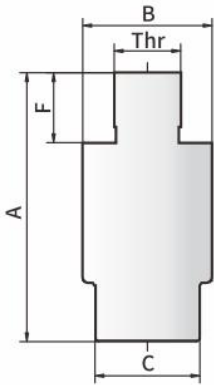
The main body of the silencer is made of SS304, the inner part is stainless steel, and a filter device is installed at the inlet.

- Nominal pressure PN25;
- The maximum allowable temperature is 400°C;
- Maximum working pressure 2.5 MPa;
- Maximum operating temperature 325°C
- The connection method is threaded Rc, BSP, NPT

### Technical Standard

- GB/T41318-2022 Ventilation Silencer
- GB/T12224-2015 General Requirements for Industrial Steel Valves

### Structure Diagram



### Structural Dimension Table

| Product Type | Nominal Size | unit(mm) |    |    |         |    |        |
|--------------|--------------|----------|----|----|---------|----|--------|
|              |              | A        | B  | C  | Thr     | f  | Weight |
| DF1          | DN15         | 85       | 37 | 30 | RC 1/2" | 18 | 0.3 kg |
| DF2          | DN20         | 90       | 39 | 35 | RC 3/4" | 20 | 0.3 kg |
| DF3          | DN25         | 95       | 47 | 44 | RC 1"   | 24 | 0.3 kg |



**VMV** Newton Systems®

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