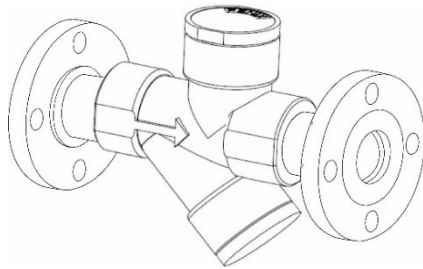


# Technical Specification

## EF FL



### General Description

The EF FL is the flanged version of the EF trap which is designed for low flow applications such as line drainage and trace heating. The trap can be supplied with standard lengths (see table below) or tailor made up to lengths of 20" (500 mm). The trap has an integral strainer and removable nozzle. The body of the trap does not have to be removed for maintenance purposes.

Trap is welded and tested to ASME standards

### Options

Optional blow down valve available for periodic cleaning of the filter (PMO dependent).

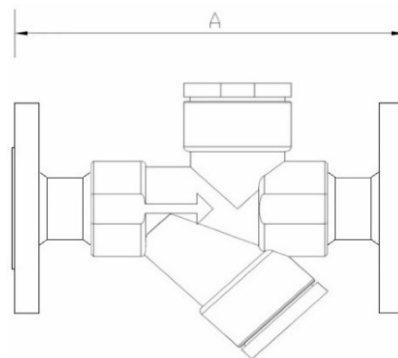
### Sizes

1/2" - DN15  
3/4" - DN20

### Connections

Flanges ANSI or PN (all ratings)

### Dimensions

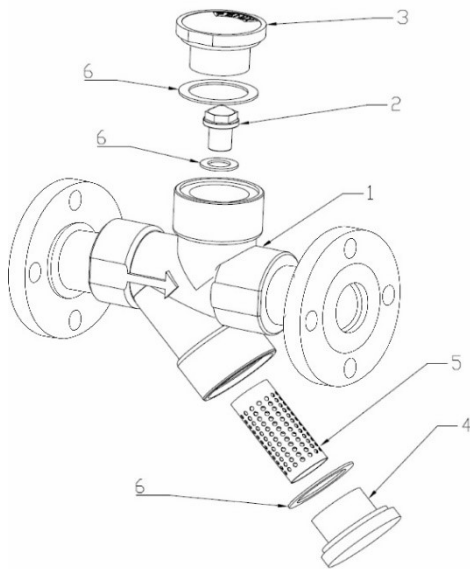


Size	A*	Weight** (approx.)
1/2" (DN15)	Standard Measure: 6.89" (175 mm)	6.9 lb (3.0 kg)
3/4" (DN20)	Standard Measure: 6.89" (175 mm)	7.3 lb (3.3 kg)

\* Minimum face to face dimension 145 mm and the maximum is 500 mm.

\*\* Based on PN 16 or ANSI 150 Flanges.

## Components



## Construction

No.	Part	Material
1	Cast stainless steel body	CF8M
2	Removable nozzle	304L stainless steel
3	Nozzle cap	304L stainless steel
4	Strainer cap	304L stainless steel
5	Strainer filter	50 mesh stainless steel
6	Gaskets	Graphite with stainless steel mesh

## Spare parts

Part	Code
Strainer Filter	F-S
Cap Gasket	G-4
Nozzle Gasket	G-1

## Operating range

ASME (ANSI)	PMA	TMA	PMO	TMO
150	240 psig @200°F	800°F @91 psig	240 psig @200°F	700°F @110 psig
300	700 psig @200°F	800°F @362 psig	700 psig @200°F	700°F @468 psig
600	1400 psig @200°F	800°F @725 psig	1400 psig @200°F	700°F @933 psig
900	2100 psig @200°F	800°F @1087 psig	2100 psig @200°F	700°F @1403 psig
1500	3500 psig @200°F	800°F @1812 psig	3500 psig @200°F	700°F @2340 psig
DIN (PN)	PMA	TMA	PMO	TMO
16	16 barg @38°C	425°C @7 barg	16 barg @38°C	400°C @9 barg
25	25 barg @38°C	425°C @12 barg	25 barg @38°C	400°C @14 barg
40	40 barg @38°C	425°C @20 barg	40 barg @38°C	400°C @23 barg
64	64 barg @38°C	425°C @32 barg	64 barg @38°C	400°C @36 barg
100	100 barg @38°C	425°C @50 barg	100 barg @38°C	400°C @57 barg

### Working pressure range (ASME y DIN)

