



10 bar
operating pressure

3 to 600 l/min
volume flow rate

3/8" to 3"
connections

1,5 to 150 °C
operating temperature range

stainless steel 1,4404
material

DESCRIPTION

PFL process filter housings have been specifically developed for liquid filtration applications.

To meet the required liquid quality, appropriate filter element must be installed into filter housing.

For any other technical gas/liquid, please contact us or your local dealer.

PFL process filter housing can be used in variety of applications. For applications not listed please contact producer or your local dealer.

APPLICATIONS

- Biotechnology
- Breweries
- Chemical industry
- Dairies
- Fermentation processes
- Food and beverage industry
- Hospitals

PFL SERIES

STAINLESS STEEL PROCESS FILTERS FOR LIQUIDS





TECHNICAL DATA

| Filter housing size | Pipe size | Operating pressure | Flow rate at 7 bar(g), 20 °C | | Dimensions [mm] | | | | Mass kg |
|---------------------|-----------|--------------------|------------------------------|-------|-----------------|-----|-------|-----|---------|
| | inch | | bar/psi | l/min | gpm | A | B | C | |
| PFL 003 | 3/8" | 10/145 | 3 | 0,8 | 270 | 110 | 76,1 | 90 | 1,2 |
| PFL 008 | 3/8" | 10/145 | 8 | 2,1 | 330 | 110 | 76,1 | 90 | 1,4 |
| PFL 012 | 1" | 10/145 | 12 | 3,2 | 402 | 220 | 114,3 | 105 | 4,4 |
| PFL 025 | 1" | 10/145 | 25 | 6,6 | 540 | 220 | 114,3 | 105 | 5,1 |
| PFL 050 | 1" | 10/145 | 50 | 13,2 | 785 | 220 | 114,3 | 105 | 6,4 |
| PFL 075 | 1" | 10/145 | 75 | 19,8 | 1.029 | 220 | 114,3 | 105 | 7,8 |
| PFL 080 | 1 1/2" | 10/145 | 80 | 21,1 | 680 | 320 | 168,3 | 192 | 16 |
| PFL 150 | 1 1/2" | 10/145 | 150 | 39,6 | 930 | 320 | 168,3 | 192 | 18 |
| PFL 225 | 1 1/2" | 10/145 | 225 | 59,4 | 1.200 | 320 | 168,3 | 192 | 20 |
| PFL 250 | 2" | 10/145 | 250 | 66 | 960 | 400 | 219,1 | 165 | 24 |
| PFL 375 | 2" | 10/145 | 375 | 99 | 1.210 | 400 | 219,1 | 165 | 27 |
| PFL 400* | 2 1/2" | 10/145 | 400 | 106 | 980 | 500 | 323,9 | 175 | 36 |
| PFL 600* | 3" | 10/145 | 600 | 159 | 1.230 | 500 | 323,9 | 175 | 41 |

CORRECTION FACTORS

| | | | | | | | | | |
|--------------------------|------|------|------|------|------|-----|------|------|------|
| Operating pressure [bar] | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Operating pressure [psi] | 29 | 44 | 58 | 72 | 87 | 100 | 115 | 130 | 145 |
| Correction factor | 0,38 | 0,50 | 0,63 | 0,75 | 0,88 | 1 | 1,13 | 1,25 | 1,38 |

Flow capacity based on water.

Standard is BSP pipe connection, other pipe connection on request.

* Max. operating pressure for liquids is 7 bar; 3 bar for saturated steam.

