

FE Model Cartridge Filter Vessels Designed for Economical Filtration of Liquids and Gases

The FE Filter Vessel Series accommodates double-open-end (DOE) and single-open-end (SOE) filter cartridges in 10 in, 20 in and 30 in lengths.

Applications

Potable Water

- Process Water
- Edible Oils
- Coatings
- Lubricants
- Coolants
- Cutting Oils
- Solvents

Fulflo[®] FE Filter Vessels

- Carbon Steel
- 304L and 316L Grade Stainless Steel



Features and Benefits

- Single O-ring design closure assures quick, positive cover sealing.
- Swing bolts with eyenuts for fast, easy opening and closing of cover.
- Maximum design pressure is 150 psig (10.3 bar) at 450°F* (232°C) and 200 psig at 100°F (38°C) plus full vacuum.
- Buna-N O-ring standard with EPR, Viton** and fluoropolymer available.
- Dual purpose cartridge seats for use with double open end and 2-222 O-ring single open end cartridges.

- ASME Code UM stamp is standard (U stamp is optional).
- Threaded vent and drain connections.
- Adjustable leg height.
- Threaded or flanged inlet and outlet.
- Side inlet; cover opens without disconnecting piping.

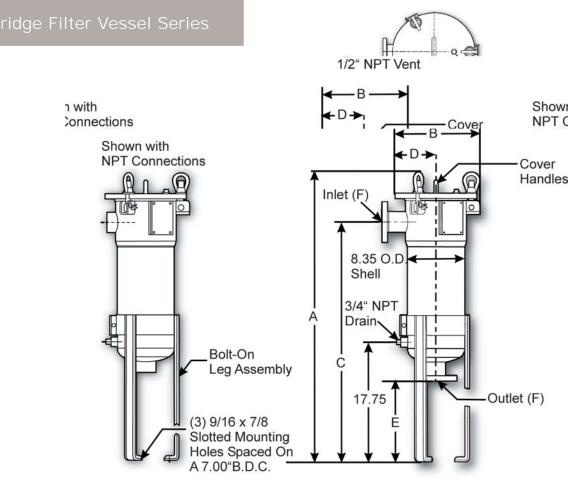
Process Filtration Division

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Design Specifications

| Model | No. & Length of Cartridges <i>(in)</i> | Typical Aqueous Flow [†] <i>(gpm)</i> | Dimens A | ions <i>(in)</i> B | С | D | E | F | Shipping Weight <i>(Ibs)</i> | Volume <i>(gal)</i> |
|----------|--|---|-------------|-----------------------|-------|------|-------|-------|------------------------------------|------------------------|
| FE6-1-2 | (6) 10 | 30 | 33.00 | 12.25 | 25.56 | 5.75 | 13.19 | 2 NPT | 82 | 3.6 |
| FE6-1-2F | (6) 10 | 30 | 33.00 | 14.50 | 25.56 | 8.00 | 12.00 | 2 NPS | 90 | 3.6 |
| FE6-2-2 | (6) 20 | 60 | 43.06 | 12.25 | 35.63 | 5.75 | 13.19 | 2 NPT | 87 | 5.4 |
| FE6-2-2F | (6) 20 | 60 | 43.06 | 14.50 | 35.63 | 8.00 | 12.00 | 2 NPS | 95 | 5.4 |
| FE6-3-2 | (6) 30 | 90 | 53.13 | 12.25 | 45.69 | 5.75 | 13.19 | 2 NPT | 92 | 7.8 |
| FE6-3-2F | (6) 30 | 90 | 53.13 | 14.50 | 45.69 | 8.00 | 12.00 | 2 NPS | 100 | 7.8 |
| FE6-3-3F | (6) 30 | 90 | 53.13 | 14.50 | 45.69 | 8.00 | 11.75 | 3 NPS | 110 | 7.8 |

[†] Actual rate is dependent on fluid viscosity, micron rating, contaminant and media type. Consult flow charts for each application.

Ordering Information

| 4L | FE | 6 — | 3 | 2F | |
|-----------------|-------|-----------|----------------------|-----------------------------|--|
| | | | | | |
| Material | Model | Number of | Cartridge Length(in) | Inlet/Outlet Flange Size | |
| None = Carbon | | Columns | 1=10 | | |
| Steel | | | 2=20 | 2 | |
| 4L = 304L | | | 3=30 | 3 | |
| Stainless Steel | | | | No F = NPT | |
| 6L = 316L | | | | | |
| Stainless Steel | | | | | |

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* Operating temperature limited to 250°F (121°C) by standard Buna-N O-ring and exterior paint on carbon steel models. Optional O-ring materials are available.

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Bulletin C-3140 Page 2 of 2 Process Filtration Division 6640 Intech Boulevard Indianapolis, Indiana 46278 Toll Free 1-888-238-5356 Telephone (317) 275-8300 Fax (317) 275-8410 http://www.parker.com/processfiltration

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