

# Fulflo® FCB Filter Vessels

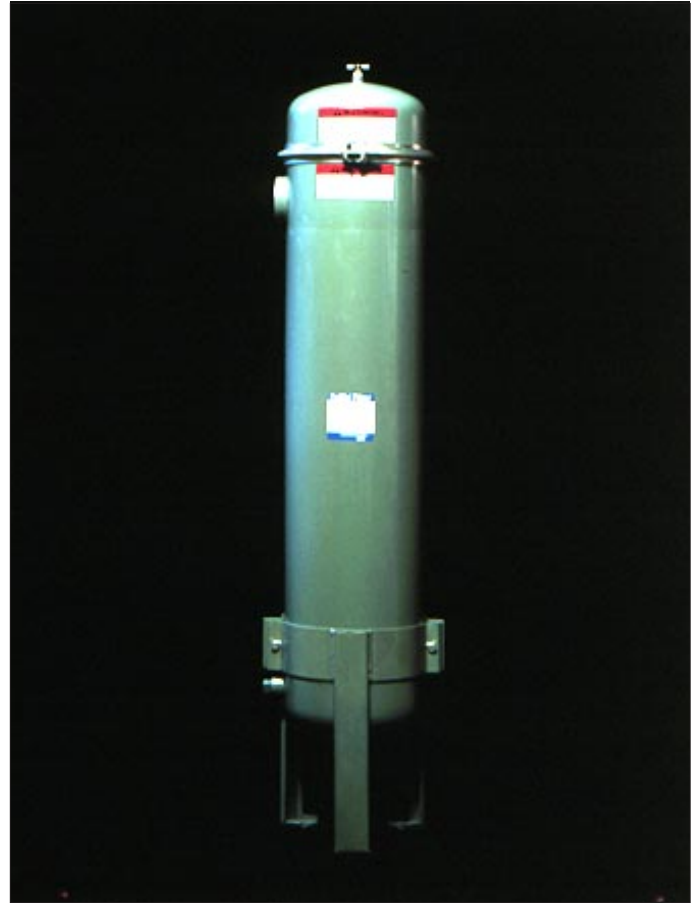
- Carbon Steel
- 304 Stainless Steel

## Bag Filter Vessel Series

### FCB Model Bag Filter Vessels Designed for Economical Filtration of Liquids

#### Applications

- Incoming Process Water
- Discharge Water
- Coolants
- Cutting Oils
- Inks
- Lubricants
- Paints
- Resins
- Solvents



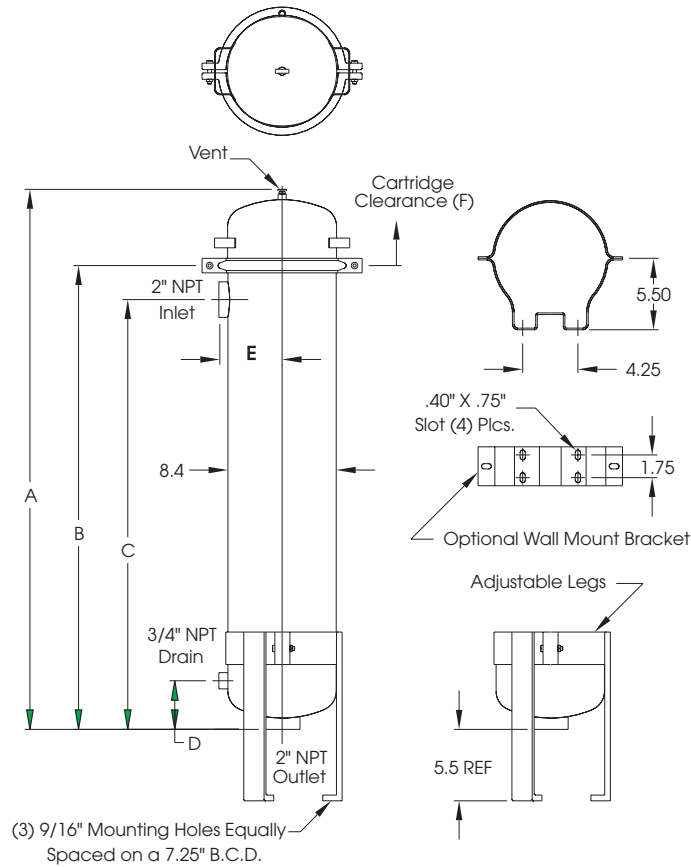
#### Design Features

- Maximum design pressure and temperature is 100 psi (6.9 bar) at 200°F (94°C).
- Patented safety-latch design prevents inadvertent separation of the head from the shell in the event of improper venting prior to clamp removal.
- V-band clamp permits easy opening for bag changeout.
- Stainless basket strainers available in 20, 40, 60, 80 and 100 mesh.
- 2 in NPT female connections.
- Standard features include air vent lock and adjustable leg height.
- Standard bags available in 1µm thru 200µm.
- Standard Buna-N gasket with EPR, Viton\* and Teflon\* available.
- Wall mounting bracket available.
- Optional hold-down assembly for conversion to “G” style bag media for basket seal available.

### Process Filtration Division



# Bag Filter Vessel Series



## Design Specifications

| Model                 | Material     | Typical Aqueous Flow (gpm) | Dimensions (in) |       |       |      |      |       | Shipping Weight (lbs) |
|-----------------------|--------------|----------------------------|-----------------|-------|-------|------|------|-------|-----------------------|
|                       |              |                            | A               | B     | C     | D    | E    | F     |                       |
| FCB11 <sup>†</sup>    | Carbon Steel | 80                         | 30.00           | 24.00 | 21.38 | 3.75 | 4.88 | 16.00 | 35                    |
| FCB-12 <sup>††</sup>  | Carbon Steel | 100 <sup>†††</sup>         | 41.63           | 35.75 | 33.13 | 3.75 | 4.88 | 29.00 | 44                    |
| 4FCB-11 <sup>†</sup>  | 304 SS       | 80                         | 30.00           | 24.00 | 21.38 | 3.75 | 4.88 | 16.00 | 35                    |
| 4FCB-12 <sup>††</sup> | 304 SS       | 100 <sup>†††</sup>         | 41.63           | 35.75 | 33.13 | 3.75 | 4.88 | 29.00 | 44                    |

<sup>†</sup> Uses "C" style single length bag.

<sup>††</sup> Uses "C" style double length bag.

<sup>†††</sup> Maximum recommended flow rate limited by 2 in NPT inlet.

## Ordering Information

|                         |                       |                |                          |                   |                               |
|-------------------------|-----------------------|----------------|--------------------------|-------------------|-------------------------------|
| <b>4</b>                | <b>FCB</b>            | <b>1</b>       | <b>1</b>                 | <b>2</b>          | <b>F</b>                      |
| Material                | Design Series         | Number of Bags | Bag Length               | Inlet/Outlet Size | Inlet/Outlet Flange Size      |
| 4 = 304 Stainless Steel | FCB = Non-Code Design |                | 1 = Single<br>2 = Double |                   | F = Flange<br>No Symbol = NPT |

\* A trademark of E. I. du Pont de Nemours & Co.

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