

# VESSEL DATA SHEET

| Design Parameters       |                |
|-------------------------|----------------|
| Pressure, Max. at Inlet | 180 psi        |
| Temperature             | 100 F          |
| Corrosion Allow.        | 0.0"           |
| Code Standard           | N/A, too small |
| Stamped?                | No             |

| Operating Parameters |                       |
|----------------------|-----------------------|
| Pressure, Max.       | 180 psi               |
| Temperature          | 100 F                 |
| Typical Flow Rate    | 41,000 scfh @ 180 psi |
| Gas Specific Gravity | 0.65                  |

| Vessel Testing          |         |
|-------------------------|---------|
| Hydrotest Pressure      | 270 psi |
| Pneumatic Test Pressure | N/A     |
| Radiograph              | None    |
| Magnetic Particle       | None    |
| Dye Penetrant           | None    |

| Filtration Performance   |                           |
|--------------------------|---------------------------|
| Filter Element P/N       | 2525K140                  |
| Type of Filter Media     | Polyester/Cellulose Blend |
| Retention Rating         | 10 micron                 |
| Efficiency of Retention  | 99.9%                     |
| No. of Elements          | 1                         |
| Design Clean Press. Drop | Less than 1.0 psid        |
| Changeout Press. Drop    | At 8 psid                 |

| Closure Specifications     |                 |
|----------------------------|-----------------|
| Type                       | Blind Flange    |
| Gasket Type                | P/N 5-150       |
| Type of Lifting Assistance | Lift Lug/Handle |

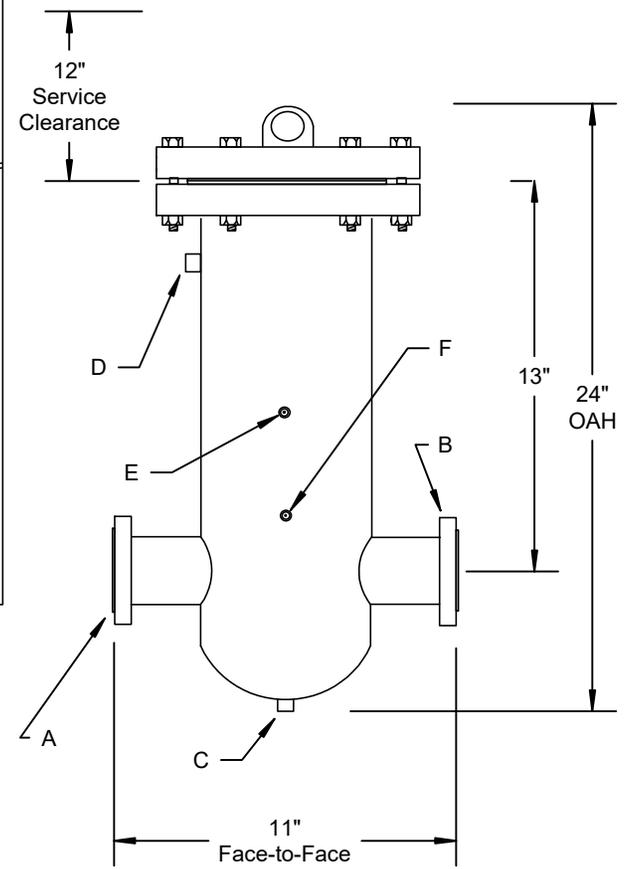
| Internal Finish |       |
|-----------------|-------|
| Sandblast       | Light |
| Oil Coat        | No    |
| Glyptol Coat    | No    |

| External Finish |                                                 |
|-----------------|-------------------------------------------------|
| Sandblast       | SP-10 Commercial                                |
| Finish Coat     | (2) Coats Grey Enamel<br>Direct-to-Metal Finish |

| Schedule of Openings |          |      |      |           |               |  |
|----------------------|----------|------|------|-----------|---------------|--|
| Service              | See Dwg. | Qty. | Size | Rating    | Type          |  |
| Inlet                | A        | 1    | 2"   | 150# ANSI | Flat Face Flg |  |
| Outlet               | B        | 1    | 2"   | 150# ANSI | Flat Face Flg |  |
| Drain                | C        | 1    | 1/2" |           | Coupling      |  |
| Vent                 | D        | 1    | 1/2" |           | Coupling      |  |
| Press. Tap           | E        | 1    | 1/4" |           | Coupling      |  |
| Press. Tap           | F        | 1    | 1/4" |           | Coupling      |  |

| Materials of Construction |                   |                  |           |
|---------------------------|-------------------|------------------|-----------|
|                           |                   |                  | Thickness |
| Shell                     | SA53B             |                  | 0.188"    |
| Bottom Head               | SA516-70          |                  | 0.188"    |
| Closure Head              | SA105             | ANSI 150# Flange |           |
| In/Out Piping             | SA53B             |                  | 0.218"    |
| Flanges                   | SA105             | ANSI 150# FF Flg |           |
| Couplings                 | SA105             |                  | 3000#     |
| Closure Gasket            | Fiber Flat Gasket |                  |           |
| Closure Pipe              | N/A               |                  |           |
| Legs                      | N/A               |                  |           |
| Ring Base                 | N/A               |                  |           |

| Shipping Information |  |     |
|----------------------|--|-----|
| Total Weight         |  | 90# |



**FilterFab**  
**MANUFACTURING CORPORATION**  
**Model F2M-180F Gas Line Filter**