



Model 142HP

Technical Data

- 316L Stainless Steel Construction
- 1/2" NPT / 1/4" NPT Drain
- 3000 PSIG Maximum Pressure
- Internal Volume (with Tie Rod / No Element): 270CC
- Viton O-Ring (Standard-Included)
- Total Weight: 7.5 lbs.
- Flow Rate @ 100 PSIG: 129 SCFM (Maximum Recommended Flow Rate for Optimal Efficiency)
 - Based on 25-178-70C Standard Coalescing Grade Element, 95% Efficient at 0.01 Micron
 - Higher flow rates are supported with increased initial pressure drop

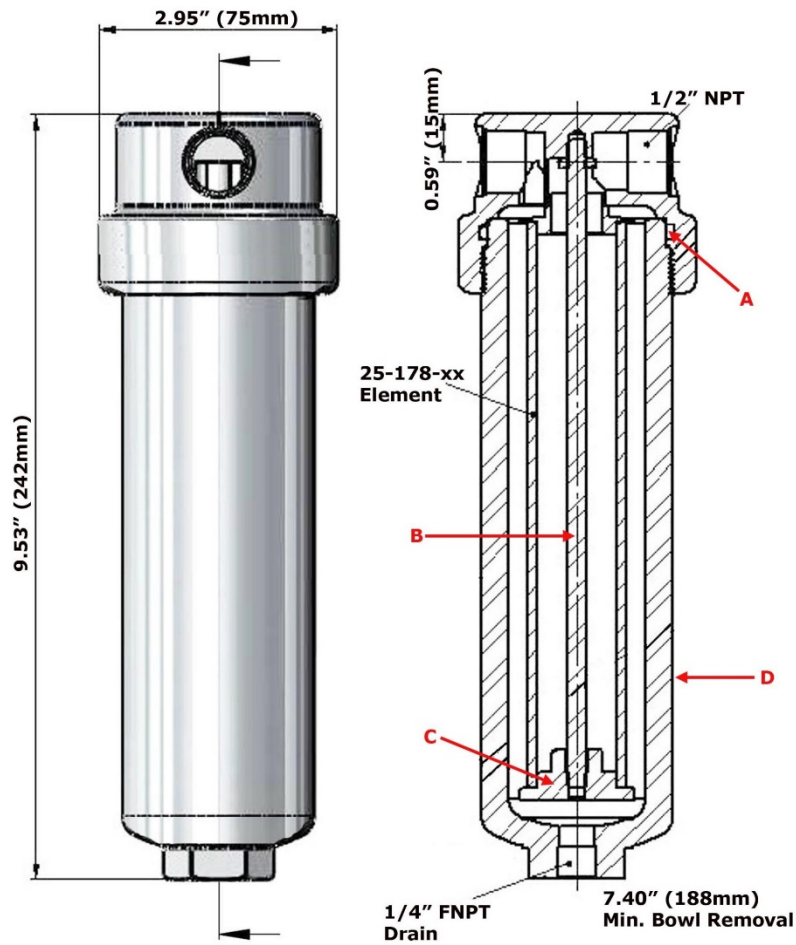
Elements Available:

| | |
|---------------|---|
| 25-178-xxx | Disposable Borosilicate Glass Microfiber Filter Element 25-178-70C – Standard Recommended Coalescing Filter Element |
| SS-25-178-xxT | Stainless Steel Filter Element Comes Standard with Teflon Seals "T", Add "V" for optional Viton Seals when Ordering Micron Sizes: 005, 01, 03, 10, 25, 50, 100 and 200 |
| 25-178-xxxX1 | Reinforced Borosilicate Glass Microfiber Filter Element With Exterior Stainless Steel Cage |
| 25-178-xxxX3 | Reinforced Borosilicate Glass Microfiber Filter Element With Interior & Exterior Stainless Steel Cages |
| PT-25-178-xx | PTFE Filter Element Micron Sizes: 03 and 25 |
| PEL-25-178-xx | PEL (Polyethylene) Filter Element Micron Sizes: 10, 25, and 75 |
| 25-178-xx-TS | Adsorption Cartridge Adsorbents: CC, 4A, 13X, SG, DR, MB, PP, HO, SB, and CS |

Replace "xxx" with grade, micron, or adsorbent needed. See [Filter Element Guide](#) for more information.

Available O-Rings:

| | |
|---------|---|
| GV130HP | Viton (-15°F to 400°F) **Standard - Included** |
| BN130HP | Buna-N (-40°F to 250°F) |
| KZ130HP | Perfluoroelastomer (5°F to 600°F) |
| GS130HP | Silicone (-65°F to 400°F) |
| GE130HP | EPDM (-65°F to 300°F) |



Replacement Parts:

| | |
|----------|---|
| GV130HP | Viton (-15°F to 400°F) (A) **Standard - Included** |
| TR140HP | Stainless Steel Tie Rod (B) |
| ER130HP | Stainless Steel Element Retainer (C) |
| SSB140HP | Stainless Steel Bowl (D) |

Accessories:

| | |
|---------|---|
| SC140 | Stainless Steel Support Core |
| MBSS130 | Stainless Steel Mounting Bracket (M6 x 12 Full Thread on 1.50" Center @ 90° to Port) |

Part Number of Exotic Housing Materials:

| | |
|-------------------------|---|
| Monel A400: | Model 142HPM (Drawing) |
| Hastelloy C-276: | Model 142HP-HC (Drawing) |
| Inconel A625: | Model 142HP-INC (Drawing) |

