



# Model 142S

## Technical Data

- 316L Stainless Steel Construction
- 1/2" NPT / 1/4" NPT Drain
- 1500 PSIG Maximum Pressure
- Internal Volume (with Tie Rod / No Element): 260cc
- Solid PTFE Gasket (Standard-Included)
- Total Weight: 3.5 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-xx

#### **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

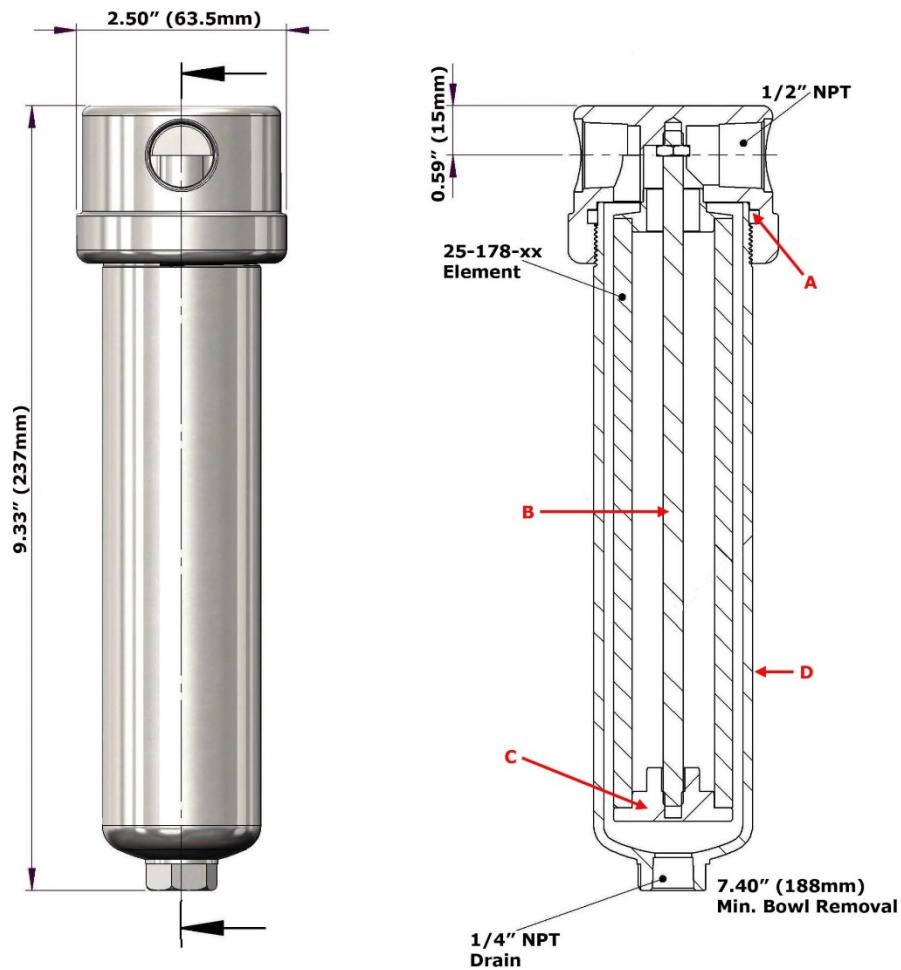
Replace "xxx" with grade, micron, or adsorbent needed. See [Filter Element Guide](#) for more information.

### Available Gasket:

GP130S

**Solid PTFE (Intermittent -328°F to 400°F) \*\*Standard - Included\*\***

**\*\*Consult Factory\*\***



### Replacement Parts:

GP130S	Solid PTFE Gasket (-15°F to 400°F) (A) <b>**Standard - Included**</b>
TR140	Stainless Steel Tie Rod (B)
ER130	Stainless Steel Element Retainer (C)
SSB140	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:	<a href="#">Model 142SM (Drawing)</a>
Hastelloy C-276:	<a href="#">Model 142SHC (Drawing)</a>
Inconel A625:	<a href="#">Model 142S-INC (Drawing)</a>