



Shroud-Deflector Filter Housings

PRODUCT FEATURES / BENEFITS

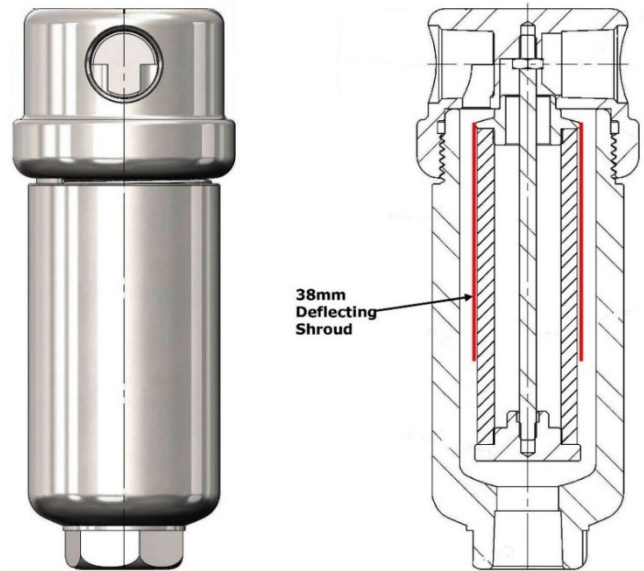
- ◆ Compact Design
- ◆ Available On All T-Type Housings
- ◆ Simple But Effective Design
- ◆ Use with Stainless Steel Elements for Prolonged Service Intervals
- ◆ Eliminate Heavy Loading of Final Filter
- ◆ Protect Gas & Liquid Sample Systems
- ◆ Capture Rust and Pipe Scale from Stream Lines
- ◆ Protect Coalescing Filters from Particles

A simple and effective method for prefiltering sample streams with high particulate content is the use of a shroud-deflector tube surrounding the outer wall of the filter element. This permanent shroud redirects the incoming flow, causing heavier debris to settle at the base of the housing. **This option is available for all T-Type style housings, regardless of material.**

Performance Recommendations:

- Use a **five-layer stainless steel filter element** with the smallest micron rating that meets flow requirements.
- Employing the finest practical micron size prolongs element life by preventing larger particles from embedding in the filter wall; instead, these particles settle to the bottom of the bowl.

The design minimizes annular volume to increase velocity turbulence, while maintaining the lower one-third of the element exposed for direct flow. A secondary polishing filter is recommended downstream to capture any residual material.



Model 122 with Shroud

Ordering Information:

To specify this option, add the term "Shroud" to any of our T-Type filter model numbers.