

## STAINLESS STEEL FILTER HOISING

### Introduction:

Star Engineering Services manufactures stainless steel filter housings T-style and Inline combines' superior performance with maximum value to meet the challenges of critical applications. Targeted specifically for sterile filtration of liquid and gaseous fluid, these filter housings are designed for complete and easy disassembly. They are entirely autoclavable to provide the ultimate in clean ability.

These filter housings are designed to meet standard requirements. Their 304 / 316L stainless steel construction provides exceptional resistance to corrosion and microbial contamination.

### Technical Specification:

#### Pressure Rating:

160 psig at 250°F "liquid rating" (10bar at 120°C)

#### Housing Material:

316L / 304 Stainless Steel

#### O-Ring Material:

Silicone

#### ID & OD Surface:

mirror polished (buffing)

#### Vent Port:

Vent included on all T-Style and Inline Style Housings

#### Drain Port:

Drain included on all T-Style & Inline Housings

### Model descriptions:

Model	Height Inches	Microns μ	Flow l/h	Inlet / Outlet Size mm
6FH-1μ	6"	1	150	DN 25
6FH-5μ	6"	5	400	DN 25
6FH-10μ	6"	10	600	DN 25
6FH-20μ	6"	20	900	DN25
10FH-1μ	10"	1	300	DN 25
10FH-5μ	10"	5	800	DN 25
10FH-10μ	10"	10	1100	DN 38
10FH-20μ	10"	20	1700	DN38
20FH-1μ	20"	1	600	DN 25
20FH-5μ	20"	5	1600	DN 38
20FH-10μ	20"	10	2200	DN 51
20FH-20μ	20"	20	3400	DN 51
30FH-1μ	30"	1	900	DN 38
30FH-5μ	30"	5	2400	DN 51
30FH-10μ	30"	10	3300	DN 51
30FH-20μ	30"	20	5100	DN 51
40FT-1μ	40"	1	1200	DN 38
40FT-5μ	40"	5	3200	DN 51
40FT-10μ	40"	10	4400	DN 51
40FT-20μ	40"	20	6800	DN 51

### Features:

1. Low Hold-Up Volume – maximizes product recovery.
2. Easy-draining features, including downward sloping internal contour and low-point drain – allow easy removal of product, CIP solution, and steam condensate.
3. Automated orbital welding – produces consistent high-quality welds.
4. Non-rotating vent and drain – prevent twisted hoses and allow hard piping.
5. Quick connect / disconnect vent coupling - enables easy hook-up to filter integrity test system.
6. Assures documented procedures for a reliable product.
7. Manufactured for use under GMP

Star Engineering Services certifies that each housing passes our strict engineering guidelines, including certified welding and hydrostatic testing to 2 times the standard liquid pressure rating. Surface finishes of each housing are verified to insure smooth and clean surfaces.

#### Product Documentation Specs:

Product documentation and specification is a central feature of our quality assurance. Each individual product has its own precise specification. Compliance with that specification is carefully monitored by the quality control department to ensure that uniformly high quality standards are met.

### Submission:

Avail from SES stainless steel Filter Housings and many other products that are offered in different type. These equipments are made using specific stainless steel material. Further, our range is known for quality, material used operations and performance. Available in wide applications, these can also be custom made as per the client requirements.