



NON-METALLIC HOUSINGS



The Filterpure range of non-metallic single cartridge housings offers an economical answer to low flow requirements. Non-metallic housings are available in a number of materials of construction to suit a range of chemical applications. These strong industrial designed housings are ideally suited for use with low flows of potable water.

Also available are 100% nylon housing for solvent resistance or for higher pressure or temperature applications and VP for PVDF versions for high purify water.

Type:

- Non-metallic Single Cartridge Housing

Materials:

- Polypropylene
- Polypropylene/SAN
- Nylon

Maximum Pressure:

- 125 psi (850 kPa) at 50° C

Connections:

- ¾" NPT

Cartridge Array:

- 1 x 10" (Standard and Jumbo)
- 1 x 20" (Standard and Jumbo)
- High Purity Options:
- Virgin Polypropylene VP Series Housings
- PVDF Housings
- PFA Housings

FOS METAL SERIES



The FOS Series of single cartridge filter housings are available in a wide variety of materials of construction to meet most chemical resistance requirements. The FOS is rated at 175 psig operating pressure and will handle liquid flows of over 100L/min.

Stainless steel is the commonest material of construction but mild steel is also available for non-aggressive fluids or gases.

Type:

- Single Filter Cartridge Housing

Materials:

- Stainless Steel (304 and 316)
- Mild Steel

Maximum Pressure:

- 175 psig (1210 kPa) at 93° C

Connections:

- ¾" and 1" BSP
- Flange Option

Sizes available:

- 4", 10", 20", 30"

Max. Flow Range *:

- To 113 LPM

SH SANITARY SERIES



The SH series of filter housings are high quality crevice-free stainless steel vessels designed for use with absolute rated filter cartridges. No grooves or corners are present in which contaminants can collect. All components are accessible and easy to clean by disassembly, or in situ by chemicals, hot water or steam. Internal finish is 320 grit followed by electropolishing.

The SH series accept double 'O' ring push fit M3 style cartridges with a positive seal that are changed without handling the sterile cartridges.

Type:

- Single Filter Cartridge Housing

Materials:

- Electropolished 316 stainless steel

Maximum Pressure:

- 125 psi (850 kPa) at 93° C

Connections:

- 25 or 40mm
- RJT or triclamp

Sizes available:

- 10", 20", 30"

** NOTE: Please consult us when determining flow rate and pressure drop. Safe operating conditions depend on proper filter cartridge and gasket use.*



TKO 700 SERIES



TKO 700 filter housings are multi-cartridge housings designed to provide outstanding value at a moderate price. The TKO Series' versatile Universal Sealing System permits the use of either single open end or double open end style cartridges. Designed for operating pressures to 150 psig and flow rates to 30 m³/hr, TKO housings are a cost-effective answer to medium flow filtration problems in industry, drinking water and food and beverage production. Electropolishing is optional at extra cost.

Type:

- 7-Around, Filter Housing

Material:

- 304 Stainless Steel
- 316L Stainless Steel (optional)

Maximum Pressure:

- 150 psig (1030 kPa) at 93° C

Connections:

- 2" BSP
- 50mm RJT or Triclamp
- ¾" NPT Drain

Cartridge Array:

- 5 x 10", 20", 30", 40"
- 7 x 10", 20", 30", 40"

Max. Flow Range*:

- To 30m³/hr

Sealing System:

- Universal Seat Cup Accepts Filterite DOE, M3 and M8 Style Filter Cartridges

TKO 1200 & 2100 SERIES



The TKO 1200 & 2100 Series of filter housings are high quality, multi-cartridge housings constructed for clean service applications. These housings, constructed of 316L Stainless Steel, are ideal for many applications in the pharmaceutical, electronic, and food and beverage industries. Designed for operating pressures to 120 psig, the TKO 1200 & 2100 can handle flow rates of up to 100m³/hr. This multi-cartridge housing features quality design and fabrication at an economical price. Also available are electropolished versions.

Type:

- Non-Code, 12 & 21 Around, Filter Housing

Material:

- 316L Stainless Steel

Maximum Pressure:

- 120 psig (830 kPa) at 93° C
- Connections (Inlet/Outlet):

- 12 Around: 3" ANSI Flange, 3" Triclamp
- 21 Around: 3" or 4" Tri-Clover Sanitary Flange

Cartridge Array:

- 12 x 30", 40"
- 21 x 30", 40"

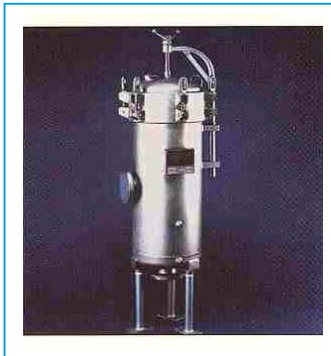
Max. Flow Range*:

- 12 Around, up to 50 m³/hr
- 21 Around, up to 100 m³/hr

Sealing System:

- Universal Sealing System Accepts Filterite DOE, M3 and M8 Style Filter Cartridges.

MSV SERIES



The MSV Series is our line of very high flow filter housings. They are available in Mild steel, 304 Stainless Steel, or 316 Stainless Steel. MSV Series filter housings can be ordered with a variety of labour saving cartridge sealing devices to minimize downtime.

Applications include potable water and many industrial uses.

Type:

- Non-code Multi-Cartridge filter Housing

Materials:

- Carbon Steel
- 304 Stainless Steel
- 316 Stainless Steel

Maximum Pressure:

- 150 psig (1030 kPa) at 93° C
- Stainless Steel

- 150 psig (1030 kPa) at 260° C
- Carbon Steel

Connections:

- 2" – 8" Threaded & Flange Options

Max. Flow Range*:

- To 800 m³/hr

Cartridge Array:

- 6 x 10", 20", 30", 40"
- 12 x 20", 30", 40"
- 18 x 20", 30", 40"
- 22 x 20", 30", 40"
- 36 x 20", 30", 40"
- 55 x 20", 30", 40"
- 88 x 20", 30", 40"

** NOTE: Please consult us when determining flow rate and pressure drop. Safe operating conditions depend on proper filter cartridge and gasket use.*