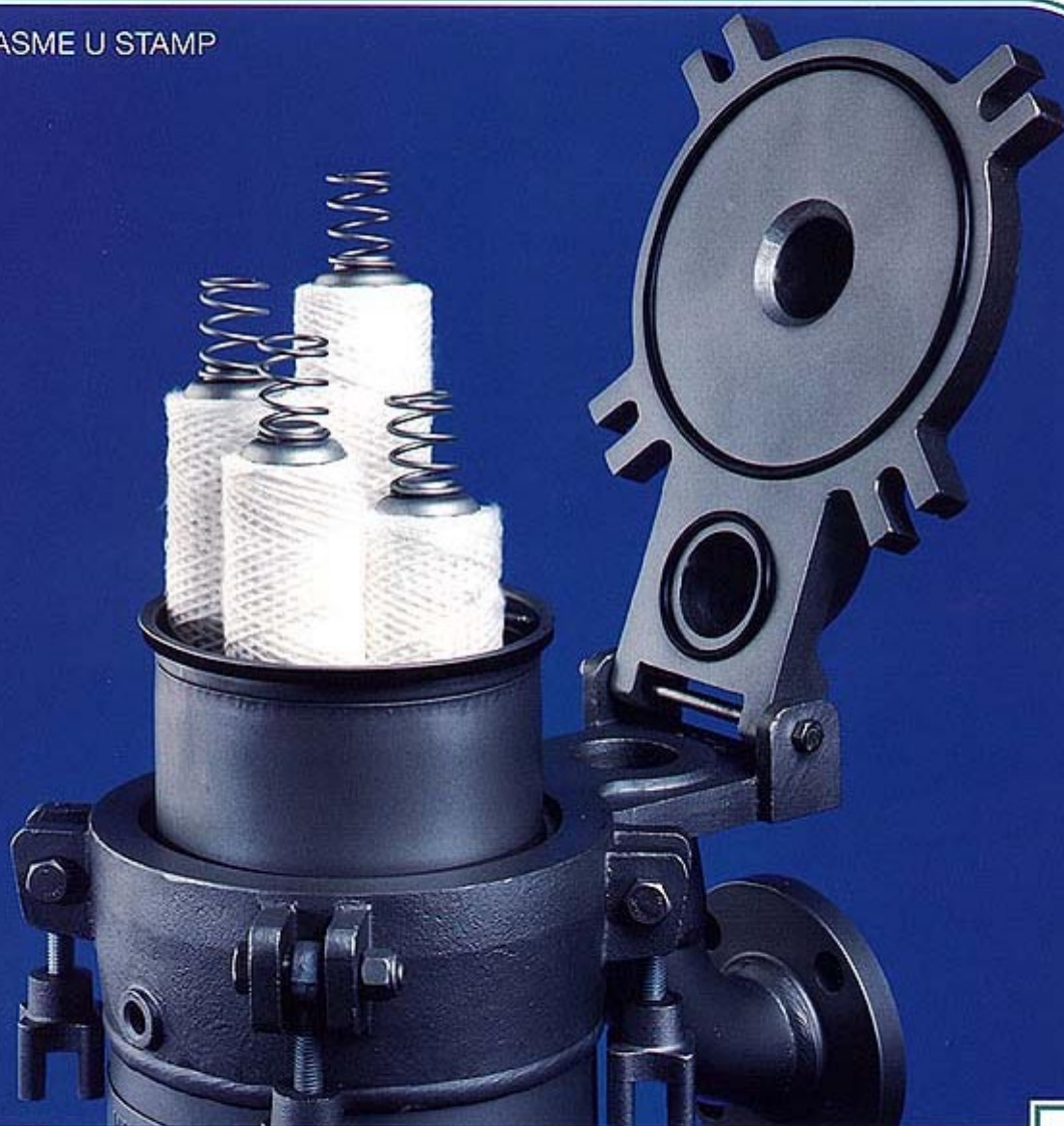


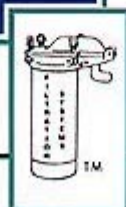
Cartridge Filter Housings

ASME U STAMP



Filtration Systems™

Division of Mechanical Mfg. Corporation

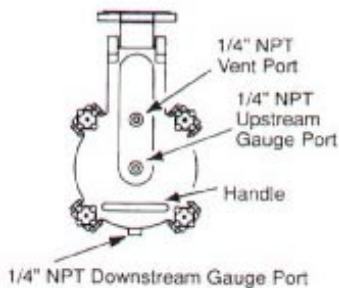


MODEL S-110

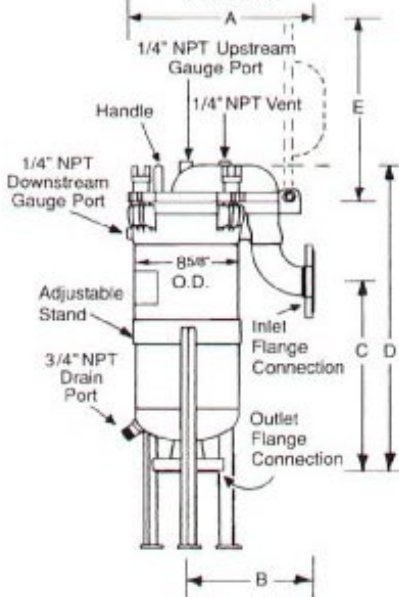


TYPE 316
STAINLESS

TOP VIEW



SIDE VIEW



MODEL S-110	A	B	C	D	E	WT. LBS.
2" FLANGE CONNECTION	15 1/2"	10 1/2"	12"	22"	13 1/2"	110

Filtration System's Cartridge Filter Housings feature these unique characteristics

Cartridge Filter Housings filter from the top (Inlet) to the bottom (Outlet) using a Cartridge Contaminant Chamber - a removable, positive sealing fixture that holds four standard cartridge filters in a "Cluster of Four" arrangement. Housings are available in three sizes to accommodate 10", 20" and 30" Cartridge filters for a broad range of liquid applications. Designed to minimize exposure to contaminants by allowing the removal of the spent filters and chamber as a single unit. All of the dirt is captured in the Cartridge Contaminant Chamber. When the cartridge filters are spent, the reusable chamber (loaded with the cartridges) is easily removed to minimize downtime. It is not necessary to clean or flush the filter vessel after use. Spare chambers can be preloaded so that new cartridge filters can replace spent ones quickly. Cartridge Filter Housings can also be used with filter bags, mesh strainer baskets and micron-rated filter cloth baskets without changes to existing piping.

Description

Model S-110 Cartridge Filter Housing in T-316 Stainless Steel at 150 or 300psi (450°F). Vessel holds four standard 10" cartridge filters in a removable Cartridge Contaminant Chamber.

Specifications

Maximum Working Pressure 150psi
 Maximum Working Temperature 450°F
 Maximum Flow Rate: Refer to Cartridge Filter Specifications
 Inlet & Outlet: 2" Raised Face Forged Flanges, ASA B16.5, T-316 S/S
 Shipping Weight: 110 lbs.

Standard Features

Model S-110, type 316 stainless steel, glass bead finish:
 exterior, interior and cartridge chamber
 Model C-110, carbon steel, one coat shop primer, exterior

- ASME U Stamp (meets OSHA requirements)
- Over-The-Top Inlet
- 360° Hinged Closure with Lid Handle
- Lid Safety Detents and Lid Stop
- Investment Casting (Lid & Body)
- Cartridge Contaminant Chamber with hardware, T-316 S/S
- Buna-N positive sealing gasket
- Gauge Ports (Upstream & Downstream) 1/4" NPT
- Vent Port 1/4" NPT
- Drain Port 3/4" NPT
- Buna-N O-Rings
- Rod End Eye Bolts, SA-193-B7, Plated
- Adjustable Stainless Tripod Stand (S-110)
- Stainless Steel Hardware - Bar knobs (S-110)
- Adjustable Carbon Steel Tripod Stand (C-110)
- Plated Carbon Steel Hardware - Bar knobs (C-110)

Options

- Modified Connections - Flanged, Threaded or Sanitary
- Interior Grade Finishes (Including 3A Sanitary)
- Electropolish Finishes - Exterior, Interior or Both
- Perforated Support Baskets
- Micron-Rated Strainer Baskets
- Mesh & Micron Lined Baskets
- Assorted O-Ring Materials
- Assorted Positive Sealing Gaskets
- Steam & Hot Oil Jackets
- Low-Profile Horizontal Outlets
- Cartridge Contaminant Chambers (holds four 10" cartridges)
- Drain Valves & Vent Valves
- Pressure Gauges
- Available in 300psi (450-F) in T-31 6S/S as Model S-110-300
- Available in Carbon Steel (Model C-110) at 150 (500°F) or in 300psi (Model C-110-300)

MODEL S-120



TYPE 316
STAINLESS

Filtration System's Cartridge Filter Housings feature these unique characteristics

Cartridge Filter Housings filter from the top (Inlet) to the bottom (Outlet) using a Cartridge Contaminant Chamber - a removable, positive sealing fixture that holds four standard cartridge filters in a "Cluster of Four" arrangement. Housings are available in three sizes to accommodate 10", 20" and 30" cartridge filters for a broad range of liquid applications. Designed to minimize exposure to contaminants by allowing the removal of the spent filters and chamber as a single unit. All of the dirt is captured in the Cartridge Contaminant Chamber. When the cartridge filters are spent, the reusable chamber (loaded with the cartridges) is easily removed to minimize downtime. It is not necessary to clean or flush the filter vessel after use. Spare chambers can be preloaded so that new cartridge filters can replace spent ones quickly. Cartridge Filter Housings can also be used with filter bags, mesh strainer baskets and micron-rated filter cloth baskets without changes to existing piping.

Description

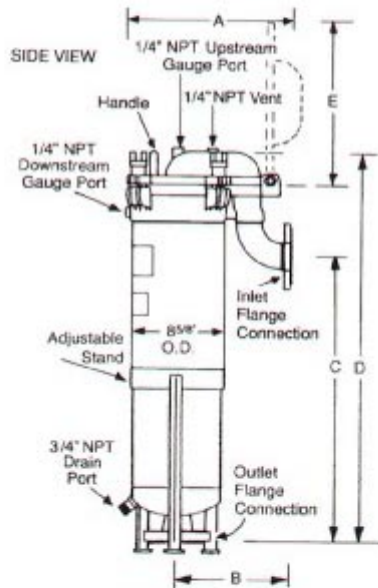
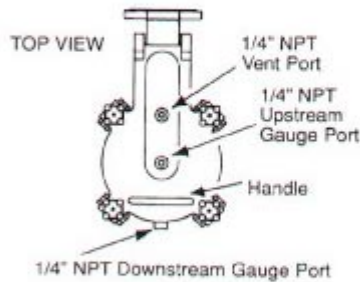
Model S-120 Cartridge Filter Housing in T-316 Stainless Steel at 150 or 300psi (450°F). Vessel holds four standard 20" cartridge filters in a removable Cartridge Contaminant Chamber.

Specifications

Maximum Working Pressure 150psi
 Maximum Working Temperature 450°F
 Maximum Flow Rate: Refer to Cartridge Filter Specifications
 Inlet & Outlet: 2" Raised Face Forged Flanges, ASA B16.5, T-316 S/S
 Shipping Weight: 130 lbs.

Standard Features

Model S-120, type 316 stainless steel, glass bead finish:
 exterior, interior and cartridge chamber
 Model C-120, carbon steel, one coat shop primer, exterior



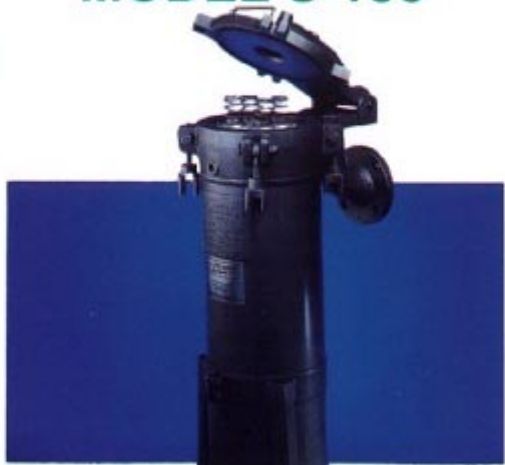
- ASME U Stamp (meets OSHA requirements)
- Over-The-Top Inlet
- 360° Hinged Closure with Lid Handle
- Lid Safety Detents and Lid Stop
- Investment Casting (Lid & Body)
- Cartridge Contaminant Chamber with hardware, T-31 6S/S
- Buna-N positive sealing gasket
- Gauge Ports (Upstream & Downstream) 1/4" NPT
- Vent Port 1/4" NPT
- Drain Port 3/4" NPT
- Buna-N O-Rings
- Rod End Eye Bolts, SA-i 93-B7, Plated
- Adjustable Stainless Tripod Stand (S-120)
- Stainless Steel Hardware - Bar knobs (S-120)
- Adjustable Carbon Steel Tripod Stand (C-120)
- Plated Carbon Steel Hardware - Bar knobs (C-120)

Options

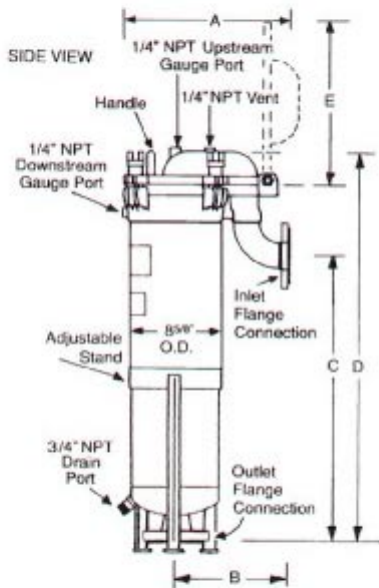
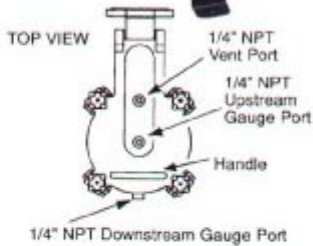
- Modified Connections - Flanged, Threaded or Sanitary
- Interior Grade Finishes (Including 3A Sanitary)
- Electropolish Finishes - Exterior, Interior or Both
- Perforated Support Baskets
- Micron-Rated Strainer Baskets
- Mesh & Micron Lined Baskets
- Assorted O-Ring Materials
- Assorted Positive Sealing Gaskets
- Steam & Hot Oil Jackets
- Low-Profile Horizontal Outlets
- Cartridge Contaminant Chambers (holds four 20" cartridges)
- Drain Valves & Vent Valves
- Pressure Gauges
- Available in 300psi (450°F) in T-316 S/S as Model 5-1 20-300
- Available in Carbon Steel (Model C-120) at 150 (500°F) or in 300psi (Model C-120-300)

MODEL S-120	A	B	C	D	E	WT. LBS.
2" FLANGE CONNECTION	15 1/2"	10 1/2"	26"	35 1/2"	13 1/2"	130

MODEL S-130



TYPE 316 STAINLESS



MODEL S-130	A	B	C	D	E	WT. LBS.
2" FLANGE CONNECTION	15 1/2"	10 1/8"	30 1/4"	39 1/4"	13 1/2"	140

Filtration System's Cartridge Filter Housings feature these unique characteristics

Cartridge Filter Housings filter from the top (Inlet) to the bottom (Outlet) using a Cartridge Contaminant Chamber - a removable, positive sealing fixture that holds four standard cartridge filters in a "Cluster of Four" arrangement. Housings are available in three sizes to accommodate 10", 20" and 30" cartridge filters for a broad range of liquid applications. Designed to minimize exposure to contaminants by allowing the removal of the spent filters and chamber as a single unit. All of the dirt is captured in the Cartridge Contaminant Chamber. When the cartridge filters are spent, the reusable chamber (loaded with the cartridges) is easily removed to minimize downtime. It is not necessary to clean or flush the filter vessel after use. Spare chambers can be preloaded so that new cartridge filters can replace spent ones quickly. Cartridge Filter Housings can also be used with filter bags, mesh strainer baskets and micron-rated filter cloth baskets without changes to existing piping.

Description

Model S-130 Cartridge Filter Housing in T-316 Stainless Steel at 150 or 300psi (450°F). Vessel holds four standard 30" cartridge filters in a removable Cartridge Contaminant Chamber.

Specifications

Maximum Working Pressure 150psi
 Maximum Working Temperature 450°F
 Maximum Flow Rate: Refer to Cartridge Filter Specifications
 Inlet & Outlet: 2" Raised Face Forged Flanges, ASA B16.5, T-316 S/S
 Shipping Weight: 140 lbs.

Standard Features

Model S-130, type 316 stainless steel, glass bead finish:
 exterior, interior and cartridge chamber
 Model C-130, carbon steel, one coat shop primer, exterior
 ASME U Stamp (meets OSHA requirements)
 Over-The-Top Inlet
 360 Hinged Closure with Lid Handle
 Lid Safety Detents and Lid Stop
 Investment Casting (Lid & Body)
 Cartridge Contaminant Chamber with hardware, T-316 S/S
 Buna-N positive sealing gasket
 Gauge Ports (Upstream & Downstream) 1/4" NPT
 Vent Port 1/4" NPT
 Drain Port 3/4" NPT
 Buna-N O-Rings
 Rod End Eye Bolts, SA-193-B7, Plated
 Adjustable Stainless Tripod Stand (S-130)
 Stainless Steel Hardware - Bar knobs (S-130)
 Adjustable Carbon Steel Tripod Stand (C-130)
 Plated Carbon Steel Hardware - Bar knobs (C-130)

Options

Modified Connections - Flanged, Threaded or Sanitary
 Interior Grade Finishes (Including 3A Sanitary)
 Electropolish Finishes - Exterior, Interior or Both
 Perforated Support Baskets
 Micron-Rated Strainer Baskets
 Mesh & Micron Lined Baskets
 Assorted Positive Sealing Gaskets
 Assorted O-Ring Materials
 Steam & Hot Oil Jackets
 Low-Profile Horizontal Outlets
 Cartridge Contaminant Chambers (holds four 30" cartridges)
 Drain Valves & Vent Valves
 Pressure Gauges
 Available in 300psi (450°F) in T-316 S/S as Model S-130-300
 Available in Carbon Steel (Model C-130) at 150 (500°F) or in 300psi (Model C130-300)

Product Warranty: In the event any vessel is found to be defective in material or workmanship for a period of one year from date of purchase, Filtration Systems only liability will be to repair or replace the product.

The manufacturer reserves the right to change specifications without notice. There are no express or implied warranties, with respect to product merchantability and/or fitness for specific purpose. Filtration Systems will not be liable for any incidental damages from the use or misuse of our products under any circumstances.

Manufactured by:

Filtration Systems™



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