

New for Sanitary Service-Bag Filters for Fine Filtration

New multilayer, polyester and polypropylene felt filter bags make possible filtration to 1 micron

Our sanitary service filters conform to USDA/3A dairy standards with housings of polished 304 stainless steel. They're rated for 200 psi pressure and have quick-release clamp-type covers. Outlets and inlets have sanitary flange connections. All internal surfaces can be visually inspected (and easily cleaned in place).

The great economy of these filters is in their use of filter bags instead of the more costly filter cartridges. Made of a new filtering media, they carry nominal retention ratings of 1, 10 and 12 microns. They have been evaluated by the Multi-Pass Test Method (OSU-F2). See page 134 for complete information. (Other bags, including some made of monofilament meshes rated as fine as 10 microns, are also available.)

The contaminant-carrying capacity of these bags is equal to that of cartridges of the same flow capacity. Because the filter bags are supported by perforated stainless steel baskets, there is no filter collapse, flow fatigue, or filter end-load problems. Bags are removed more easily than cartridges, and bags hold the contaminant inside, not outside where it can wash off into the system during replacement. Some filter bags can be safely used at temperatures to 325°F.

Applications for these filters include dairy, beverage, vegetable oils, and other foods and pharmaceuticals. They also make excellent pre-filters upstream of ultra-fine cartridge and membrane filters removing bacteria, etc.



How To Order

Build an ordering code as shown in this example

Example: **SAN - 4-12 - 1-1/2 - T**

SANITARY BAG FILTER: SAN

HOUSING SIZE
 Model 4 = **4-12**
 Model 8 = **8-30**

CONNECTION SIZE
 1-in. = **1**
 1-1/2-in = **1-1/2**
 2-in. = **2**
 3-in. = **3**

COVER GASKET
 Buna N = **B**
 Viton® = **V**
 Teflon® = **T**

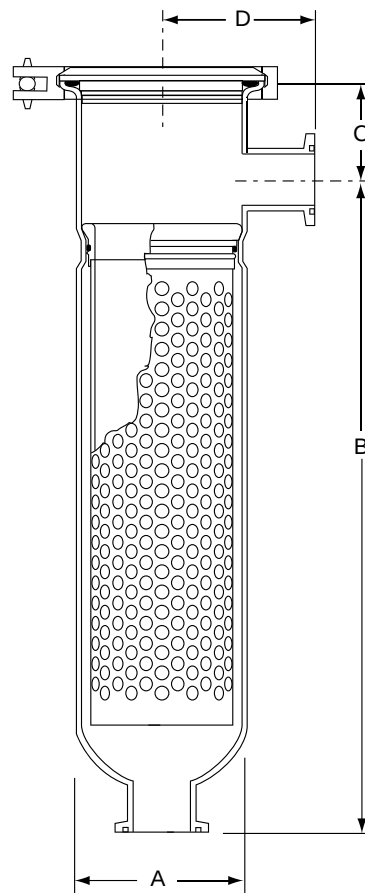
Order filter bags separately.
 See pages 134.

Construction

Housings are of 304 stainless steel, polished inside and out (unless ordered otherwise). The bags are supported by stainless steel baskets that provide 50% open area and lift out easily. The housing is then completely open with all surfaces visible and cleanable.

The filter bags have stainless steel rings sewn in their openings. Their close fit inside the housing effectively seals against bypass of liquid. They have cloth handles to assist in removal.

Dimensions (IN)



Dimensions (IN)

Model	Connection Size	A	B	C	D
4	1	4.5	15.5	2	5
	1.5	4.5	15.5	2	5
	2	4.5	15.5	2	5
	2.5	4.5	16.0	2.5	6
	3	4.5	16.0	2.5	6
8	1	8.6	38.0	3.6	7.1
	1.5	8.6	38.0	3.6	7.1
	2	8.6	38.0	3.6	7.1
	3	8.6	38.0	3.6	8.1

T-Type Sanitary Cartridge-Housing

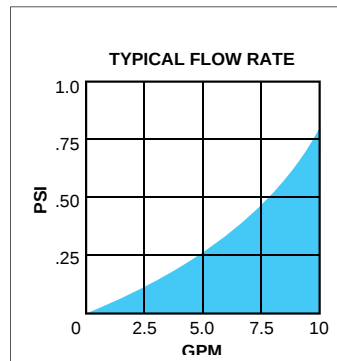
For fine filtration

Our T-Type sanitary service filters for sterile filtration are constructed with housings of electropolished 304 stainless steel. This "T" type sanitary housing is rated for 150 psi pressure and has a quick-release clamp closure which is safe for compressed gas applications. Outlets and inlets have sanitary flange connections. All internal surfaces can be visually inspected and easily cleaned in place. The housing uses an industry standard 222 or 226 style cartridge.

Applications for this sanitary filter housing include dairy, food and beverage processing, sterile filtration for pharmaceuticals, and sterile air/gas filtration. They are also excellent pre-filters used upstream of membrane filters.

Construction

Housings are all welded construction with all wetted parts of 304 stainless steel. All welded attachments are 300 series stainless steel. The materials and manufacturing process exceed industry standards for sterile filtration.

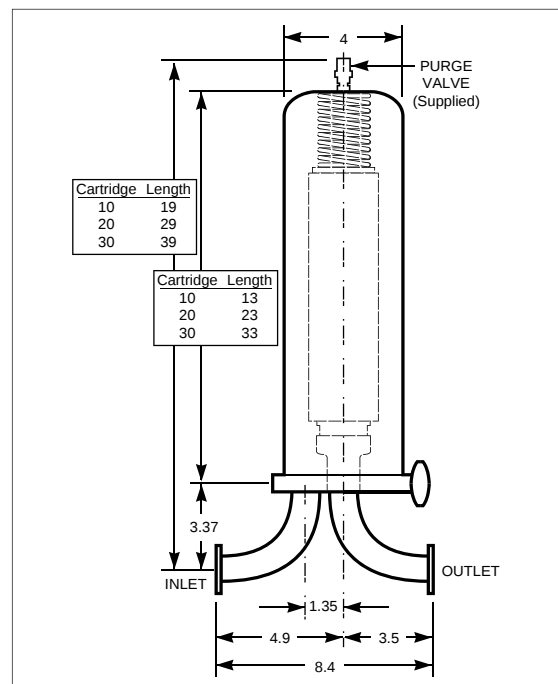


How To Order

Build an ordering code as shown in this example.

SANITARY CARTRIDGE FILTER	Housing		Options	
	SAN-T-1-	150-T	-222	-20-H
PIPING STYLE				
CONNECTION SIZE				
1-in = 1				
PRESSURE				
150 psi = 150				
O-RING MATERIAL				
Teflon® = T				
CARTRIDGE STYLE				
Style 222 = 222				
Style 226 = 226				
CARTRIDGE LENGTH				
10-inch = 10				
20-inch = 20				
30-inch = 30				
OPTIONAL				
Housing stand = H				
No options = No Symbol				

Note: Order cartridges separately. See page 134.



In-Line Sanitary Cartridge Housing

Our In-Line sanitary cartridge housings are constructed of electropolished 304 stainless steel for sterile filtration. They are rated for 150 psi pressure and have a quick-release, clamp-type closure. A recessed filter connection reduces hold-up volume and ensures a proper O-ring seal.

The in-line design features a sanitary purge valve that ensures proper venting for complete filter wetting. There's also a sanitary drain valve ensuring proper liquid drainage during venting applications. This sanitary filter housing uses an industry standard 222 or 226 style cartridge.

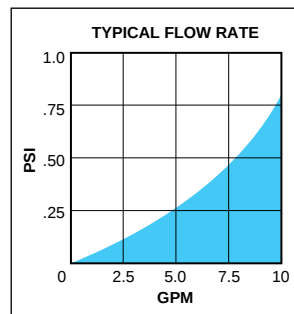


Sanitary USDA/3A Standards

Applications for this housing include sterile venting, sterile air/gas filtration, food and beverage processing, and sanitary applications requiring high purity, non-reactive surfaces. They are also excellent pre-filters used upstream of membrane filters.

Construction

Housings are all welded construction with all wetted parts of 304 stainless steel. All welded attachments are 300 series stainless steel. The materials and manufacturing process exceed industry standards for sterile filtration. A cast clamp closure connects the shell to the base assembly.



How To Order

Build an ordering code as shown in this example

Housing **Options**
SAN-IL-1-150-T-222-10

SANITARY CARTRIDGE FILTER

PIPING STYLE

CONNECTION SIZE
1-in = **1**

PRESSURE
150 psi = **150**

O-RING MATERIAL
Teflon® = **T**

CARTRIDGE STYLE
Style 222 = **222**
Style 226 = **226**

CARTRIDGE LENGTH
10-inch = **10**
20-inch = **20**
30-inch = **30**

Note: Order cartridges separately. See page 134.

