

R Sanitary Service – Bag Filters for Fine Filtration

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

Rosedale sanitary service filters conform to USDA/3A dairy standards with housings of polished 316 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 159 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.



PRESSURE RATINGS	Maximum Pressure @ 70°F	Maximum Pressure @ 250°F
Model 4	200 PSI	125 PSI
Model 8	100 PSI	50 PSI



How To Order

Build an ordering code as shown in this example

	Housing	Option
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	

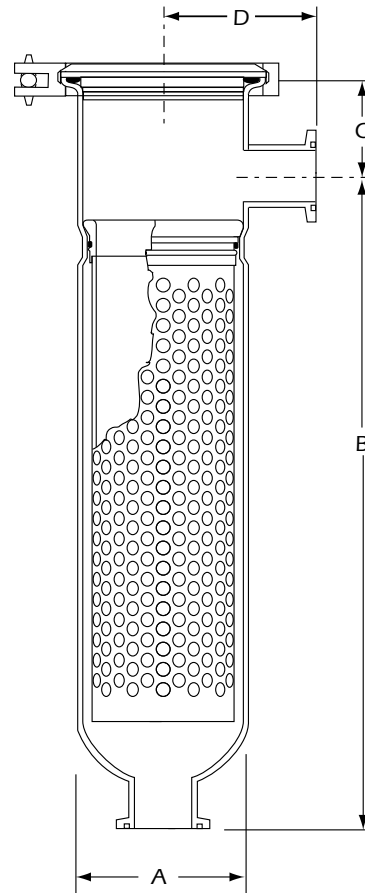
Order filter bags separately.
See page 150.

Construction

Housings are of 316 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