

SC Series Filter Housings

The SC series of single-element industrial filter housings from Cardinal combine the robustness of 304 or 316 stainless steel construction with the economics of a streamlined design. The housing employs an easy-to-use ring-nut closure and reliable double O-ring seal. These housings are designed to withstand 150-200 psig depending on model (see specifications section). Each filter-housing accepts one DOE (double open end) filter utilizing a knife-edge seal. The SC housing is available in a standard size that accepts up to a 2 3/4" cartridge in lengths to 30" and a BB version that will accept filters up to 4 1/2" in diameter and lengths to 20". A spring loaded bottom seal provides cartridge length flexibility. Inlet/outlet range from 3/4" – 1 1/2" fNPT. Drains are 1/8" fNPT or 1/4" fNPT.

The SC Series Filter Housings are compatible with a wide range of fluids, and come standardly with EPDM O-rings. An optional integral differential pressure gage alerts the filter user to change-out conditions. Viton® (or equivalent FKM elastomer), as well as "FDA silicone" are also available. Various filter cartridge types can be installed, including String Wound, Melt Blown, Pleated, Carbon, Resin Bonded, Stainless Steel and others.

Each SC housing is supplied with a torqueing bar to assist with ring nut closure. An optional wrench is also available. Each filter housing is supplied with a zinc-plated steel mounting bracket. Integral differential pressure gages are optional and available for some inlet/outlet sizes.

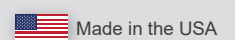
Specifications

Service: Liquid Only
Do not use for pressurized gas.

Ratings for SC Series
200 PSI (13.8 Bar) and 200 F (97 C) – R Style Filter Housings
150 PSI (10.3 Bar) and 200 F (97 C) – BB Style Filter Housings



SC Series single-element filter housings accept a variety of filter diameters and lengths



Ordering Information

How to Order: FH-1-2-3-4-5-6-7-8-9-10

Example Ordering Code: FH-SC-10-3/4-P-R-4-20-DOE-EPDM-DG

FH		SC									
Cardinal Filter Housing		1. Single Cartridge		2. Length	Code	3. Connection Size	Code	4. Connection Style	Code	5. Cartridge Diameter for Housing	Code
Code	Description	Code	Description	10"	10	3/4"	3/4	FNTP	P	R	2.5" OD
FH	Filter Housing	SC	Single Cartridge	20"	20	1"	1			BB	4.5" OD
				30"	30						
6. Materials of Construction		Code	7. Pressure Rating	Code	8. Cartridge Configuration	Code	9. Seals	Code	10. DP Gauge	Code	
304 SS	4	200 (R Ctg Style)	20	Double Open End	DOE	EPDM	EPDM	None	Blank (none)		
316 SS	6	150 (BB Ctg Style)	15					Included	DG		



An optional integral differential pressure gauge alerts the filter user to change-out conditions.