

FCH SERIES STAINLESS STEEL CARTRIDGE FILTER HOUSING

The FCH Series are industrial filter housings that accommodate up to 2 3/4" diameter filter cartridges and conform to NSF/ANSI Standard 42.

These rugged housings offer all stainless steel construction and have a double o-ring seal. A ring-nut closure allows for easy filter cartridge access.

The FCH Series Filter Housings are compatible with a wide range of fluids. Various cartridge types can be used including Wound, Melt Blown, Pleated, Carbon, Resin Bonded, Stainless Steel and others.

10", 20" and 30" lengths are available and include a mounting bracket and ring-nut wrench as standard. Flow capacities are determined by the type of cartridge utilized and process conditions.



Benefits

Heavy Duty Construction for Harsh Environments

Can be Used With Many Types of Cartridges

Long Service Life

Included Mounting Kit for Easy Installation

Ring-Nut Closure Allows for Quick Cartridge Change Outs

Applications

Food and Beverage

Chemical Processing

Heating/Cooling Systems

RO Prefiltration

Water Purification Systems

High Temperature Fluids

FCH Series Housings

Specifications

Holds one 2.5"x10", 2.5"x20", or 2.5"x30" Cartridge, DOE

Max Working Pressure: 300PSI/20.7 Bar

Max Working Temperature: 200F/97C

Inlet/Outlet: 3/4", 1" npt, 150lb and 300lb ANSI RF
Flanges optional

Weight: 10", 4.2lbs/1.9kg

20", 5.6lbs/2.5kg

30", 6.8lbs/3.1kg

Drain: 1/8" npt

Materials of Construction

Head and Sump: AISI 304 Stainless Steel

Mounting Bracket: 304 Stainless Steel

O-ring: Silicone std, others available upon request

Conforms to NSF/ANSI Standard 42 for material and structural requirements.

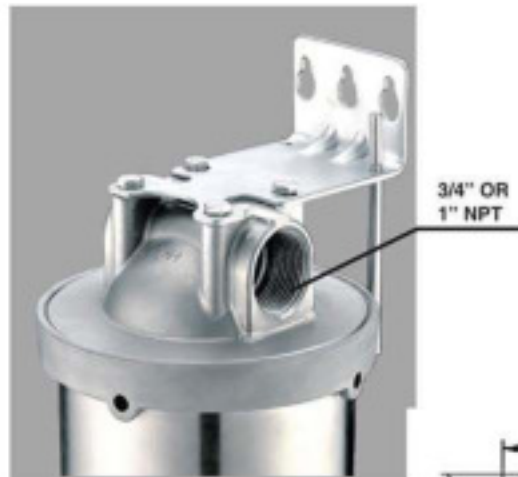
Accessories

Differential Pressure Gauges/Transmitters

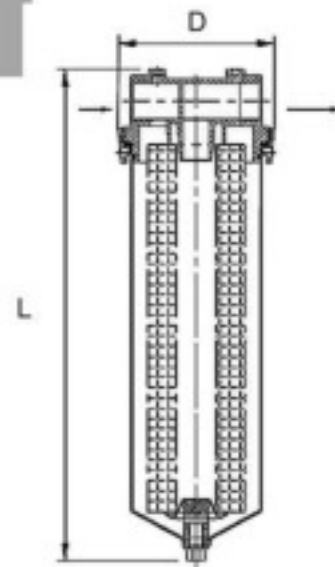
Flowmeters

Duplex Systems

Skid/Package Systems



Optional DP Gauge



Dimensions (npt versions)

Model	In/Out Threads	mm		Inches	
		L	D	L	D
FJC - 10	3/4"	330	106	13.0	4.2
	1"	338	106	13.3	4.2
FCH - 20	3/4"	584	106	23.0	4.2
	1"	592	106	23.3	4.2
FCH - 30	3/4"	838	106	33.0	4.2
	1"	846	106	33.3	4.2

Model Code/Ordering Information

MODEL	IN/OUT THREADS	In/Out Size	Accessories
FCH	10 = 10 inches	blank = 3/4" npt	Blank = None
	20 = 20 inches	1 = 1" npt	G = DP gauge integrally mounted
	30 = 30 inches	.75F = 3/4" 150lb 304 SST Flanges	S = Special
		.75F3 = 3/4" 300lb 304 SST Flanges	
		1F = 1" 150lb 304 SST Flanges	
		1F3 = 1" 300lb 304 SST Flanges	

EXAMPLE: FCH-20-G, 304 SST Housing for one 2.5"x20" cartridge, 3/4" npt, with integrated DP gauge.