

# FCJ Series Stainless Steel (Big Blue) Filter Housing

The FCJ Series are industrial filter housings that accommodate 4 1/2" 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 FCJ 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" and 20" sizes 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

High Flow Capacity with (Big Blue) Size 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

# FCJ Series Housings

## Specifications

Holds one 4.5"x10" or 4.5"x20" Cartridge, DOE

**Max Working Pressure:** 300PSI/20.7 Bar

**Max Working Temperature:** 200F/97C

**Inlet/Outlet:** 1", 1 1/2" npt, 150lb and 300lb ANSI RF  
Flanges optional

**Weight:** 10", 6.6lbs/3kg  
20", 8.8lbs/4kg

**Drain:** 1/8" npt

## Materials of Construction

**Head and Sump:** AISI 304 Stainless Steel

**Mounting Bracket:** Steel

**O-ring:** Silicone std, others available upon request

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

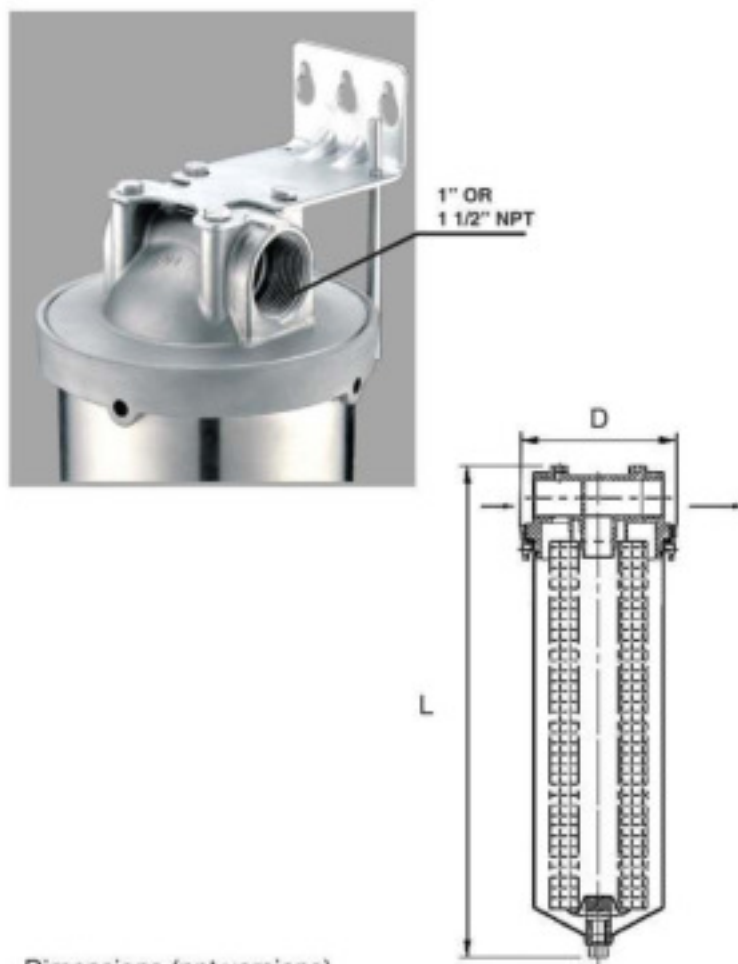
## Accessories

Differential Pressure Gauges/Transmitters

Flowmeters

Duplex Systems

Skid/Package Systems



Dimensions (npt versions)

Model	In/Out Threads	mm		Inches	
		L	D	L	D
FCJ - 10	1"	395	148	15.5	5.8
	1.5"	420	148	16.5	5.8
FCJ - 20	1"	650	148	25.6	5.8
	1.5"	675	148	26.6	5.8

## Model Code/Ordering Information

MODEL	IN/OUT THREADS	In/Out Size	Accessories
FCJ	10 = 10 inches	1 = 1" npt	Blank = None G = DP gauge integrally mounted S = Special
	20 = 20 inches	1.5 = 1 1/2" npt 1F = 1" 150lb 304 SST Flanges 1.5F = 1.5" 150lb 304 SST Flanges 1F3 = 1" 300lb 304 SST Flanges 1.5F3 = 1.5" 300lb 304 SST Flanges	

**EXAMPLE:** FJC-10-1, 304 SST Housing for one 4.5"x10" cartridge, 1" npt, no accessories.