

AstroPore Fujifilm Micro Filter

Cartridge housings



AstroPore cartridge housings are ideal for the filtration of extremely purified water, pharmaceuticals, foodstuffs, air, or gases with a variety of products designed to meet the expectations of filtration processes with a wide range of flow rates.

The wealth of options provided by FUJIFILM's filtration systems ensures full utilization of the flow and filtration performance of the microfilter cartridges.

A wide variety of AstroPore cartridge housing models covers various filtration needs. Combinations of the materials (SUS 304, 316, 316L), and the pipe arrangement method (sanitary clamps, JIS flanges, union joints, etc) permits filtering system configurations to best fit to your purpose. Options are available for customized housing designs.

FSG, FSM

Housings (standard types, stainless steel)

- Designed for general uses
- An extensive variety offered

Specific Features

Dimensions: see table

Diameter: see table

Pressure resistance: 0.49 MPa

Service temperature limit: Lower than 100°C

Materials: SUS 304, 316 stainless steel (main body), silicone (packing, standard)

Adaptive Elements

Type G cartridge (with gasket): Type FSG housing

Type M cartridge (with 222 O-ring, SOE): Type FSH housing

Notes:

1) Adapters and optional parts are also available.

2) Customized housing design and manufacturing are offered for non-standard applications. Please contact us for large-sized designs and custom specifications.

Number of cartridges mounted		1			3		6	
Designation	Type	FSG1-1 20PA FSM1-1 20PA	FSG1-2 20PA FSM1-2 20PA	FSG1-3 20PA FSM1-3 20PA	FSG3-2 40PA FSM3-2 40PA	FSG3-3 40PA FSM3-3 40PA	FSG6-2 50PA FSM6-2 50PA	FSG6-3 50PA FSM6-3 50PA
	A	(mm)	431	685	939	935	1185	950
B	(mm)	365	619	873	350	350	365	365
C	(mm)	ø86.6 (Outline)			ø170 (Outline)		ø250 (Outline)	
D	(mm)	120			240		235	
E	(mm)				220		310	
F	(mm)				250		320	
G	(mm)				4-ø12		4-ø12	
N-1	Inlet	Rc3/4 (20A)			Rc1-1/2 (40A)		Rc2 (50A)	
N-2	Outlet	Rc3/4 (20A)			Rc1-1/2 (40A)		Rc2 (50A)	
N-3	Drain	G1/4 (8A) (Knurled plug)			Rc3/4 (20A)		Rc3/4 (20A)	
N-4	Vent	G1/4 (8A) (Knurled plug)			G1/4 (Knurled plug)		G1/4 (Knurled plug)	
Pressure gauge	Nozzle				Rp1/4 (8A)		Rp1/4 (8A)	
Number of cartridges (as 250 mm-long cartridges)		1	2	3	6	9	12	18
Service weight in kg (approx.)		3.5	5.5	7.5	28	35	55	70

