Fujifilm Micro Filter

AstroPore

Cartridge Housings

(Polypropylene Type / Stainless Steel Type)

Extra large size housings for ultra high flow rate applications

- AstroPore Cartridge Housings for extra large filters suitable for 8th- to 10th-generation LCD panels.
- Two housing options are available.
  Polypropylene: For general purpose
  Stainless steel: For high-pressure lines

AstroPore extra large housings correspond to extra high flow rate processes (up to 300 liters/min.).
The housings are specially designed to optimize the performance of extra large size filters.

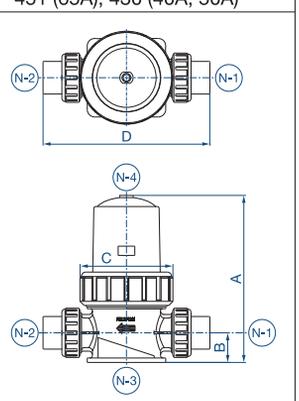
FPSUX TE1
Polypropylene housing

- The housing consists of the housing body. Joints are sold separately.
- The housing body is made of polypropylene resin that is widely used in the electronics industry.
- Joints are available in three sizes: 65A, 50A and 40A

Specific Features

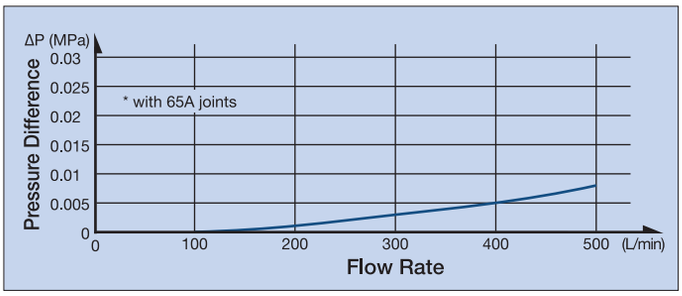
Schematic diagram: Shown below
Joint diameter of the body: “65A male union” (defined and marketed by AOC - Asahi Organic Chemicals Industry Co., Ltd.) Drawn as N-1 and N-2.
Air vent and Drain hole diamater: RC 3/8 Drawn as N-3 (Air vent) and N-4 (Drain hole) respectively.
Pressure resistance: 0.49 MPa
Maximum operating temperature: 50˚C
Materials: Housing body: Polypropylene
Ring nuts: Polypropylene
Air vent and drain plugs: Polypropylene
O-rings: EPR (ethylene-propylene rubber)

A	(mm)	451
B	(mm)	80
C	(mm)	ø251
D	(mm)	451 (65A), 430 (40A, 50A)



* Two 65A joints are attached to the housing body in the photo and drawing.

Flow Rate Characteristics (polypropylene housing)



- Joints (AOC union joints) — Sold separately

Housing body side	Piping side	Style No.
65A	65A	TGT65-65A2
65A	50A	TGT65-50A2
65A	40A	TGT65-40A2

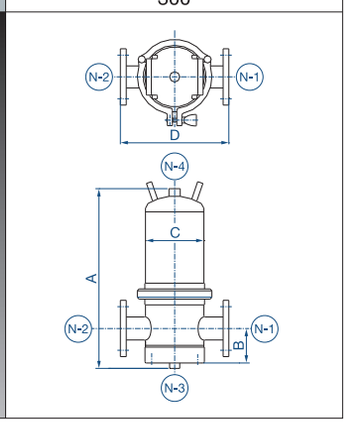
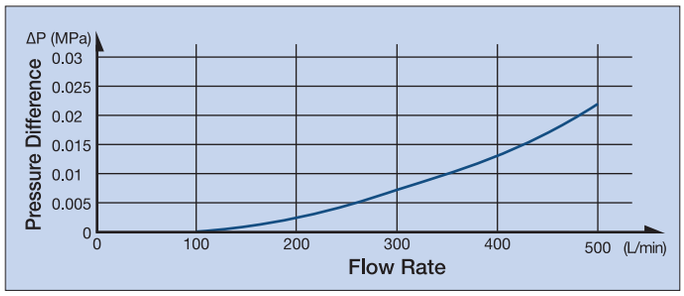
FS6LJM 1-1 50FET1
Stainless steel housing

- Designed for both solid construction and simple operation a high pressure resistance with weight saving is realized.

Specific Features

Schematic diagram: Shown below
Joint diameter: 50A JIS 10K FF Drawn as N-1 and N-2.
Air vent and Drain hole diameter: RC 1/2 Drawn as N-3 (Air vent) and N-4 (Drain hole) respectively.
Pressure resistance: 0.97MPa
Maximum operating temperature: Below 100˚C
Materials: Housing body : SUS316L
O-rings: EPR (ethylene-propylene rubber)

A	(mm)	495
B	(mm)	95
C	(mm)	161 (external diameter)
D	(mm)	300



Flow Rate Characteristics (stainless steel housing)