

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 TE 1

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 diameter: RC 1/2 Drawn as N-3 (Air vent) and N-4 (Drain hole) respectively.

Pressure resistance: 0.49 MPa

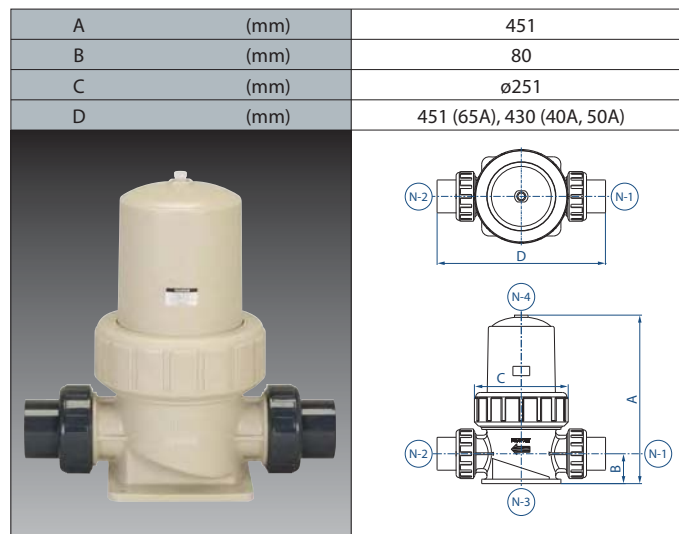
Maximum operating temperature: 50°C

Materials: Housing body: Polypropylene

Ring nuts: Polypropylene

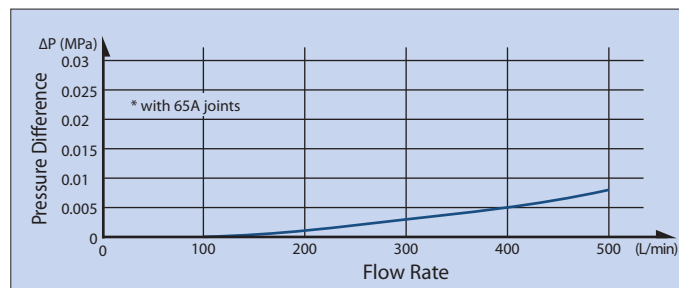
Air vent and drain plugs: Polypropylene

O-rings: EPR (ethylene-propylene rubber)



* 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