

PF-EG stainless steel housing

Stainless steel gas filter housing in sanitary quality.

Product description:

PF-EG filter housings have been developed for the purification of liquids in the pharmaceutical industry, biotechnology and/or the chemical industry.

The housings of the PF-EG series are equipped with clamp connections (multiple housing flange) and with an electropolished surface finish of Ra 0.8 μm .

The condensate drain at the down stream side and the vent at the top of the housing are respectively equipped with pharma valves. Numerous different sizes of housings with various connections make it possible to adapt the filter system to exactly the needed requirements. In this product series there are 11 different sizes of housings for operating volume flows of 5 to 1.080 l/min (1,5 to 360 GPM), depending on the intended use and the chosen filter element.

The ultrafilter plug connection guarantees that the elements remain safely fixed at all times.

Due to the ultrafilter modular design different filter elements can be used in a housing as needed. The range covers prefiltrers as well as sterile depth or membrane filters with retention rates up to 0.04 μm .

Low differential pressure at high flow rates, the electropolished surfaces, the clamp connections, and the pharma valves make the PF-EG housing your first choice in applications involving liquids.

MATERIALS

Filter housings:	stainless steel 1.4301 (304) or 1.4404 (316L)
Clamp:	stainless steel 1.4301 (304)
Pharma valve:	stainless steel 1.4301 (304)
Housing gasket:	EPDM (other gaskets on request)

MAXIMUM OPERATING PRESSURE (FOR LIQUIDS)

0006-0192	10 bar (150 psi)
0432-1920	6 bar (90 psi)

MAXIMUM OPERATING TEMPERATURE

Depends on the gasket of the housing, up to 200°C (390°F) max

SURFACE FINISH

0006-1920 etched, passivated, and electro-polished Ra 0.8

CONNECTION TYPES

Clamp (standard at 0006-0192)

DIN or ANSI flange
(standard from 0432; optional up to 0192)

Welded ends

Other connections and larger housings are available on request



Filter housing PF-EG for the filtration of liquid media