

Description

The Gasket-Sert™ PMF filter is designed to protect major components of gas panels employed in semiconductor gas distribution systems.

Features & Benefits

- True in-line design and easy installation.
- Fits in place of standard 1/4" and 3/8", 1/2" VCR¹, UJR² gasket & 1/4" and 3/8" UPG³ gasket
- Gasket material 316L stainless steel
- Broad compatibility with process gases
- Low differential pressure
- All metal construction
- Dried with high purity nitrogen
- Clean room packaged
- No hold-up volume
- No particle contribution above background
- No housing required
- Retrofit of existing panels without reconfiguring of systems
- Zero displacement
- Protection for regulators and MFCs

¹ VCR is a trademark of Swagelok Co.

² UJR is a trademark of Fujikin Incorporated.

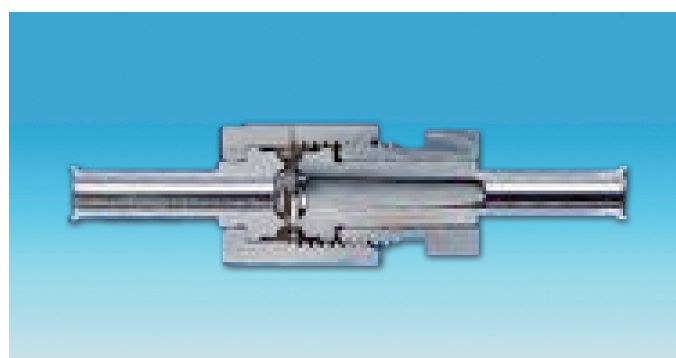
³ UPG is a trademark of Fujikin Incorporated.



UJR, VCR fitting type



UPG fitting type

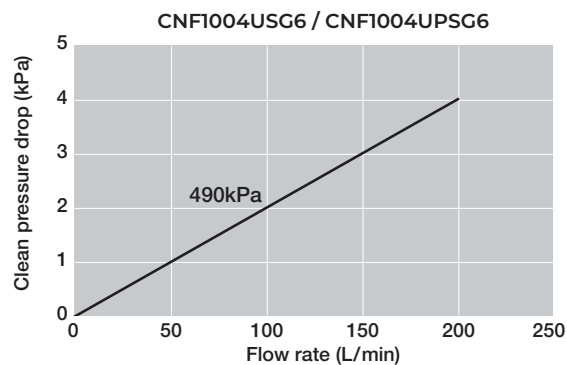
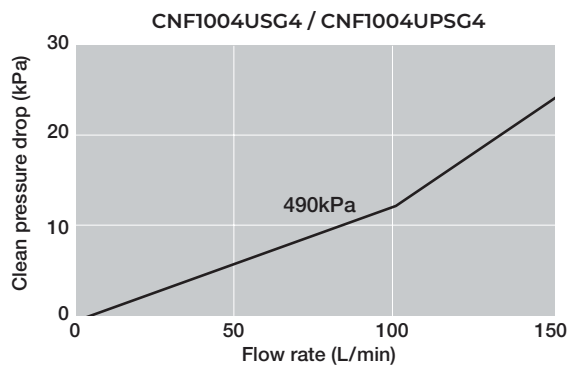
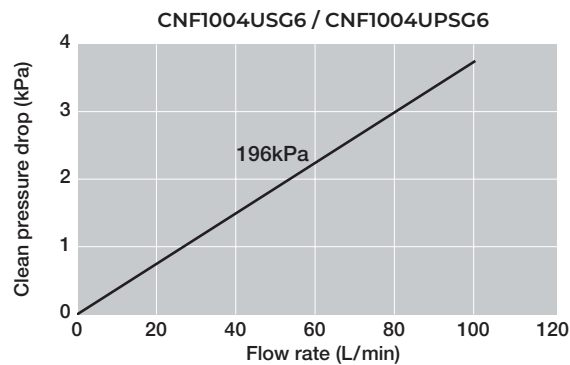
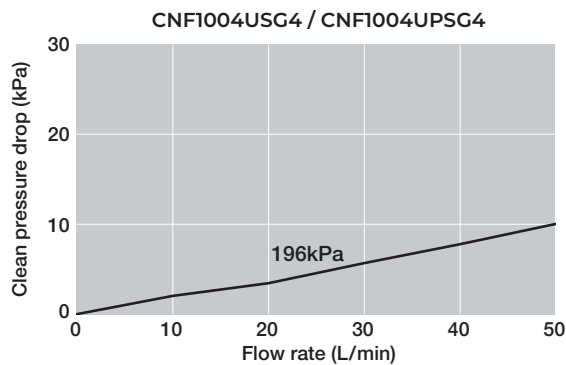


Installation example : 1/4" VCR fitting

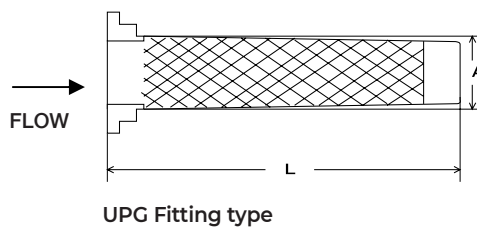
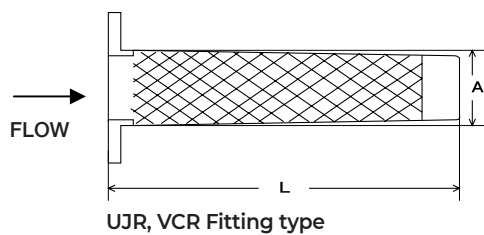
Specifications

Materials	Medium	316L stainless steel
	Gasket	316L stainless steel
Removal Rating		> 0.4 µm
Maximum Operating Temperature		Non-Corrosive Gases: 840 °F / 450 °C
Maximum Differential Pressure		60 psid @ 100 °F / 4.2 bar @ 38 °C

Pressure Drop vs. Gas Flow Rate



Dimensions



Part Numbers / Ordering Information

CNF1004 1

Table 1

Code	Fitting type	Gasket material	Medium material	Length (L) (mm)	Length (A) (mm)
USG4	1/4" UJR, VCR	316L stainless steel	316L stainless steel	26.1	ø4.2
USG6	3/8" 1/2" UJR, VCR	316L stainless steel	316L stainless steel	30.0	ø6.7
UPSG4	1/4" UPG	316L stainless steel	316L stainless steel	26.6	ø4.2
UPSG6	3/8" UPG	316L stainless steel	316L stainless steel	30.0	ø6.7