

## 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" VCR<sup>1</sup>, UJR<sup>2</sup> gasket & 1/4" and 3/8" UPG<sup>3</sup> 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

<sup>1</sup> VCR is a trademark of Swagelok Co.

<sup>2</sup> UJR is a trademark of Fujikin Incorporated.

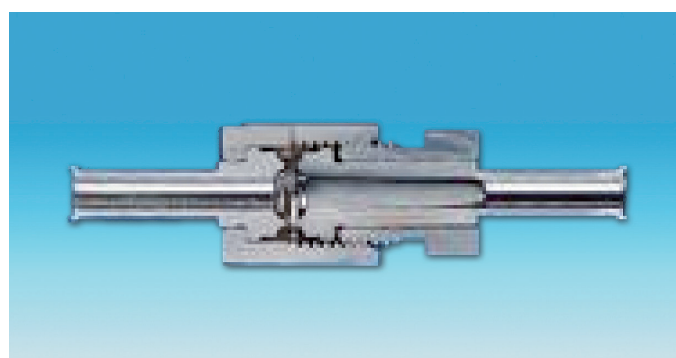
<sup>3</sup> UPG is a trademark of Fujikin Incorporated.



UJR, VCR fitting type



UPG fitting type

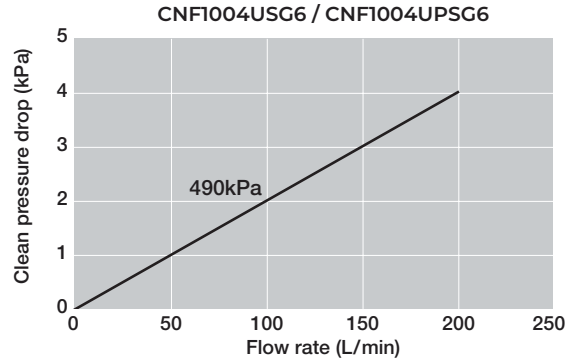
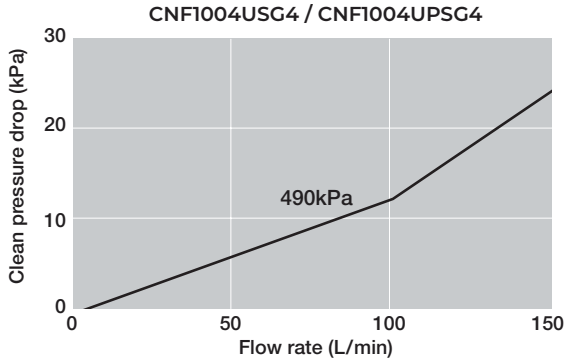
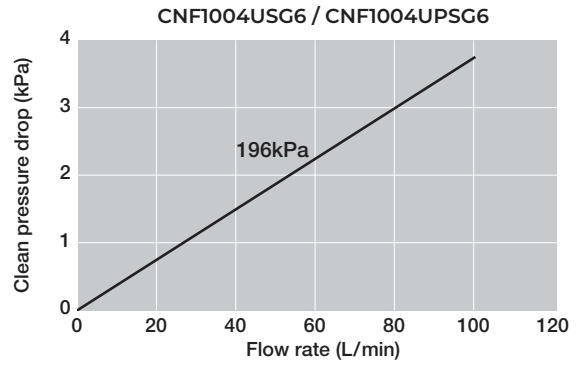
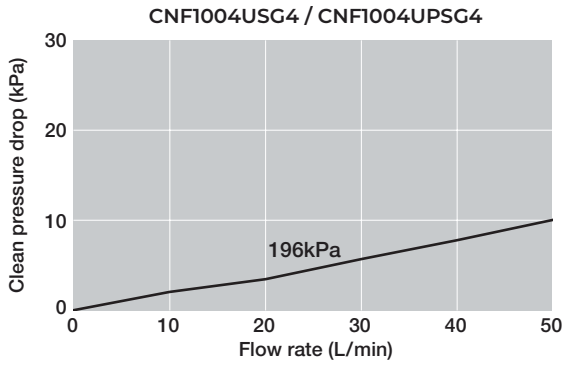


Installation example : 1/4" VCR fitting

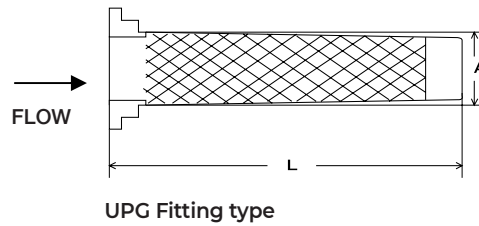
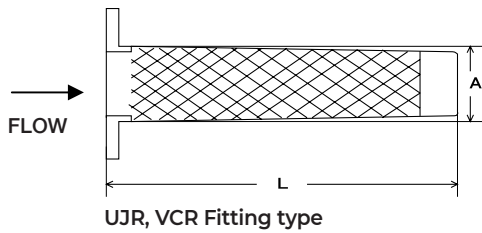
## Specifications

<b>Materials</b>	<b>Medium</b>	316L stainless steel
	<b>Gasket</b>	316L stainless steel
<b>Removal Rating</b>		> 0.4 µm
<b>Maximum Operating Temperature</b>		Non-Corrosive Gases: 840 °F / 450 °C
<b>Maximum Differential Pressure</b>		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	¼" UJR, VCR	316L stainless steel	316L stainless steel	26.1	ø4.2
USG6	⅜" ½" UJR, VCR	316L stainless steel	316L stainless steel	30.0	ø6.7
UPSG4	¼" UPG	316L stainless steel	316L stainless steel	26.6	ø4.2
UPSG6	⅜" UPG	316L stainless steel	316L stainless steel	30.0	ø6.7



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