

High Flow Rate Ceramic Gas Filter

**Ultra High Flow Rate**

- Suitable for flow rate from 500L/min to 3,000L/min at primary side bulk gas line.

High Accuracy Filtration

- Ceramic element with high accuracy filtration of $0.003\mu\text{m}$ is durable against pulsation, rarely generates clogging so periodical maintenance is hardly necessary.

High Efficiency

- With dedicated 200°C baking heater (option), degas element such as water or oxygen can be reduced to a few ppb or less.

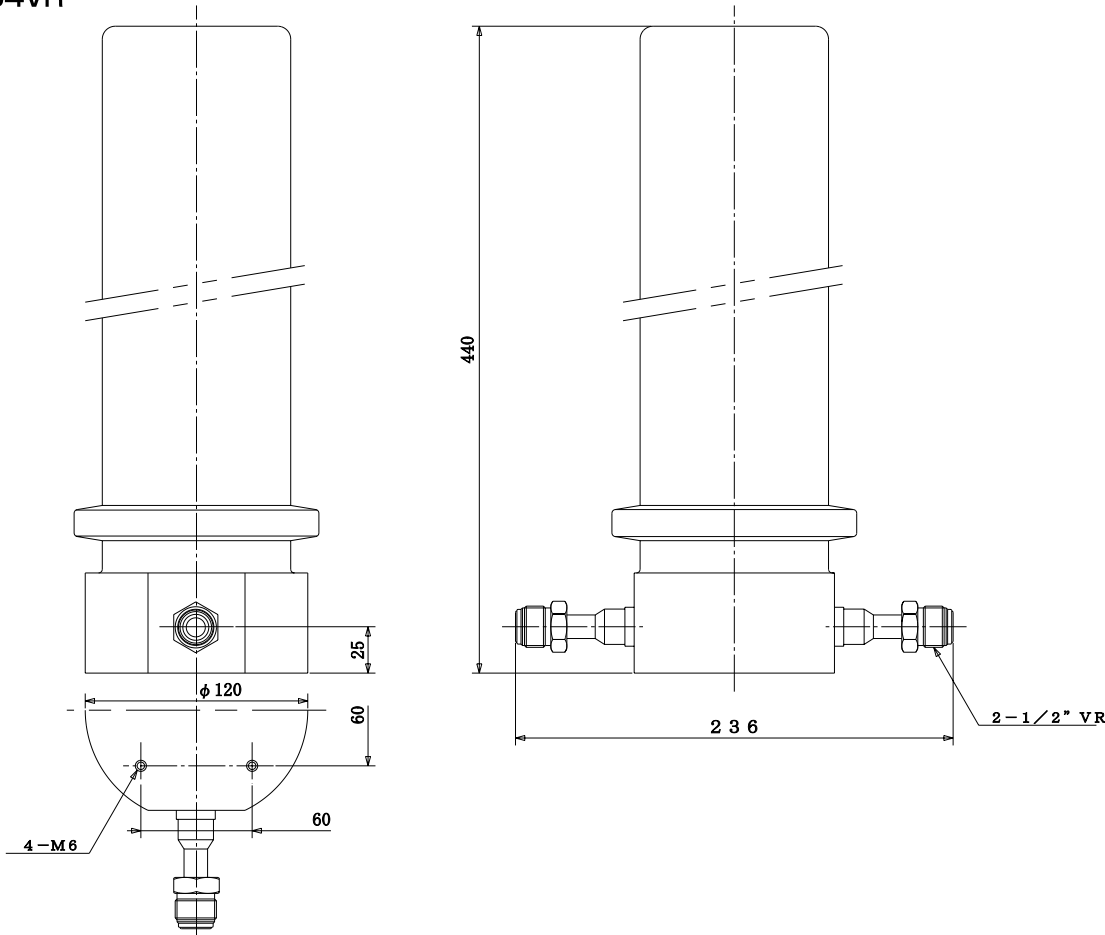
Specification

Filtration Accuracy	0.003μm
Usable Fluid	N ₂ , O ₂ , Ar (Bulk Gas)
Recommended Flow Rate	500 to 3,000L/min (60 to 180 m ³ /Hr)
Withstanding Pressure	0.97MPa (140PSIG) at20°C
Max. Operating Pressure	0.97MPa (140PSIG) at20°C
Pressure Loss Design	0.05MPa (7.25PSIG) at20°C
Operating Temperature	5 to 120°C
Baking Temperature	180°C max.
Gas Contacting Material	SUS316L (inner face electrochemical polishing), alumina, Viton®, PTFE
Joint	1/2", 3/4" VCR®, and others

Ceramic
Gas Filter

Dimensional Outline Drawings

PGF-11-04VR



How to Order

Bore Diameter Type of joint
PGF - 11 - 04 VR

04 : 1/2"
06 : 3/4"

VR : VCR®
For other joints, please contact us.

※Specification is subject to change without notice.