

GasPro™ PV1-1200

All-316L Stainless Steel
1 micron In-Line Gas Filter



GasPro™ PV1-1200 Series filters are designed for photovoltaic/solar and other microelectronic gas applications where 1 µm micron particle retention is acceptable.

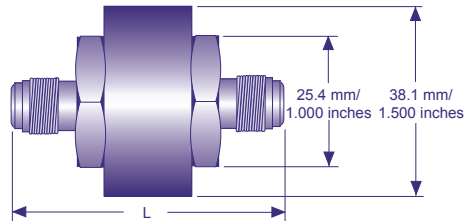
Specifications

- **Filtration Rating**
Efficient particle retention at 1.0 µm
- **Maximum Operating Temperature**
200°C (392°F) in inert gas
- **Maximum Operating Pressure**
206.8 bar (3,000 psig) at 121°C (250°F)

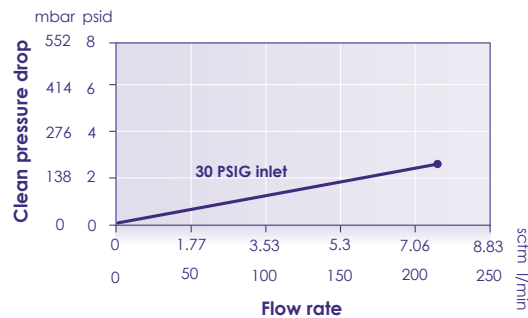
Features

- **Electro-polished housing**
The filter assemblies have a <10Ra electro-polished 316L stainless steel housing to prevent corrosion and particle build up on interior surfaces.
- **Out of package cleanliness**
Our GasPro™ PV1-1200 filters are cleaned and packaged in a cleanroom with organic free handling for out-of-package particulate and chemical free cleanliness. Final assembly is purged with filtrated nitrogen for initial cleanliness. Additional preconditioning is optional.
- **Multiple fitting options for ease of installation**
Standard fitting options include face seal, compression, butt weld and NPT. Special fittings, including tri-clamp (clover) sanitary and flange type may be available upon request.
- **100% helium leak tested**
All units are tested to 1×10^{-9} atm cc/second.
- **Construction**
Stainless steel media and hardware.

Dimensions



Gas flow rate vs Pressure drop



PV1-1200 part numbers and ordering information

Part number	Inlet/ Outlet Fittings	Filter media/ hardware	Length (L)
PV1-1211-8	1/2" compression inlet/outlet	All 316L	79 mm (3.11")
PV1-1215-8	1/2" male face seal inlet/outlet		63.2 mm (2.49")

PF932/Rev3/May26