

DEPTH GAS FILTERS - 0.01 MICRONS

Series 7010

DESCRIPTION

The Series 7010 depth filters are the workhorses of laboratories and many high purity industrial processes. They are routinely used in critical gas lines and as pre-filters to extend the lifetime of more expensive filtration units. They are designed to provide high filtration efficiency at an economical cost.

The Series 7010 filters employ a microporous fiberglass media held in a 316 stainless steel all welded housing. They are available in two sizes that accommodate most flow requirements.

FEATURES

- 99.9999% filtration efficiency at 0.01 micron level.
- All welded 316 stainless steel construction provides compatibility with a variety of gases.
- Long service life - particles are collected in the filter matrix throughout the depth of the filter.
- Helium leak tested to 1×10^{-9} cc/sec.

SPECIFICATIONS

Filtration: 99.9999% @ 0.01 microns

Max. Operating Pressure: 250 psig @ 250°F

Operating Temperature: 0° to 750°F.



HOW TO ORDER

Type of End Connection	Model Number	Connection Size		Dimensions		Max. Flow@ 5 PSI ΔP Inlet SLPM
		Inlet**	Outlet**	Inches Length	Dia.	
Standard Pipe	7010-P4FF	1/4 " NPT female	1/4" NPT female	2.68	2.0	50
Tubing	7010-T4FF	1/4" tubing compression	1/4" tubing compression	3.125	2.0	50
VCR® Compatible Face Seal	7010-V4MM	1/4" face seal male	1/4" face seal male	3.125	2.0	50

**Other end fitting configurations available on request.