

## 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  $1 \times 10^{-9}$  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.