



## TEM-3700 SERIES GAS FILTERS

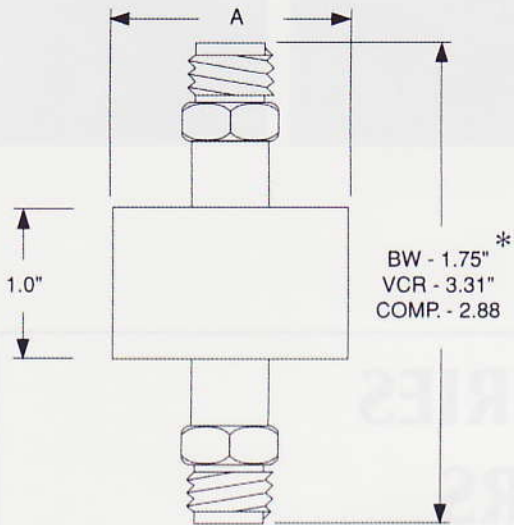
- ▶ 99.9999999% Removal rating at rated flow
- ▶ 316L Electropolished Stainless Steel Housing
- ▶ High flow Sintered Nickel Fiber Filter Media
- ▶ Internal finish is 7 Ra
- ▶ 100% Helium leak tested to  $10^{-9}$  atm cc/sec.
- ▶ Maximum operating pressure of 1000 psig at 250°F
- ▶ Available preconditioned
- ▶ All metal construction has excellent bake-out characteristics

The TEM-3700 Series filters are specifically designed for the filtration of inert and anhydrous corrosive gases, less than 1 ppb).

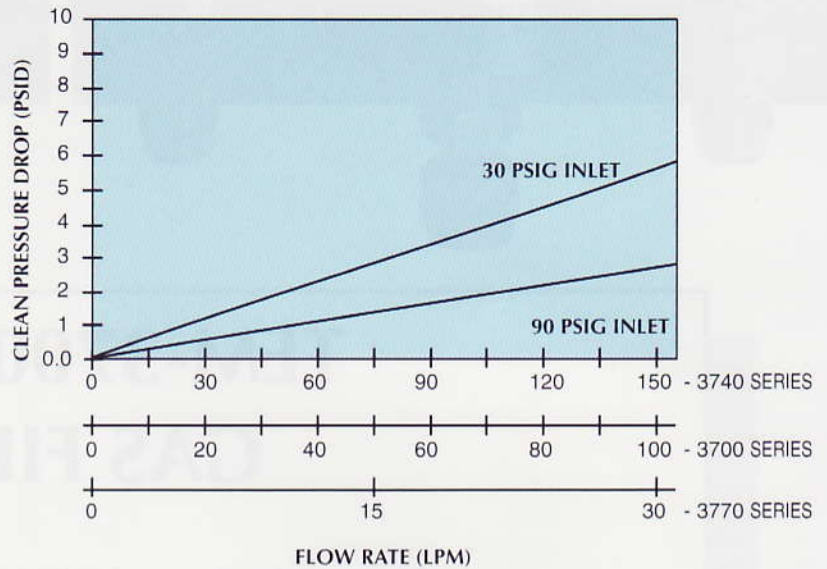
This sintered nickel fiber media has excellent flow rates at low differential pressures.

Preconditioned units offer the following "out of bag" features:

- ▶ No more than 1 particle/ft<sup>3</sup>
- ▶ Less than 10 ppb THC
- ▶ Less than 10 ppb moisture



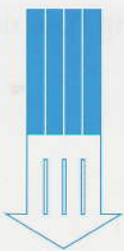
**PRESSURE DROP vs. FLOW RATE**



### FILTER CHART

TEM Model	A Dia.	TEM Model	A Dia.	TEM Model	A Dia.	Fitting Description
3771	1.0"	3711	1.5"	3741	2.0"	1/4" Compression
3772	1.0"	3712	1.5"	3742	2.0"	1/4" Gasket Seal M/F
3773	1.0"	3713	1.5"	3743	2.0"	1/4" Gasket Seal F/M
3774	1.0"	3714	1.5"	3744	2.0"	1/4" Gasket Seal F/F
3775	1.0"	3715	1.5"	3745	2.0"	1/4" Gasket Seal M/M
3750	1.0"	3751	1.5"	3752	2.0"	1/4" Butt Weld

\* Other filter lengths and fitting sizes are available



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