

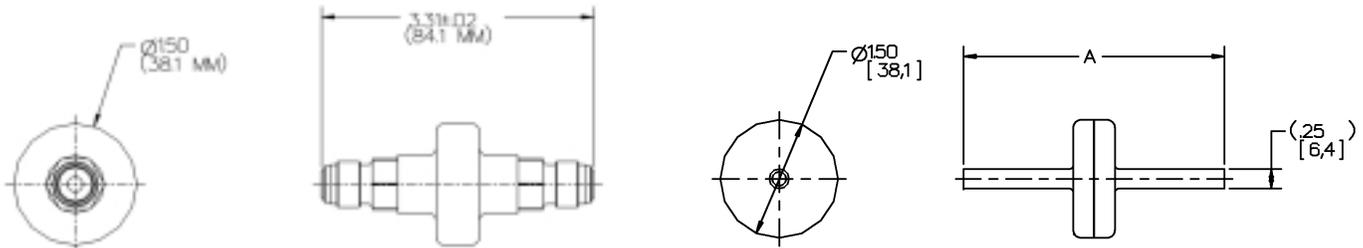
GasShield® Defender.



All stainless steel with the strength and long life of Mott porous metal.

- 316L Stainless Steel Media
- True 9-Log Filtration Efficiency of Particles as Small as 0.003 μ m; Confirmed at the Most Penetrating Particle Size of 0.08 μ m
- Operating Temperature up to 450°C (Inert Gases)
- Operating Pressure to 3000 PSIG (206.8 Bar) at 52°C
- 316L VAR Stainless Steel Housing Construction
- 5Ra Surface Finish on Gas Wetted Surfaces
- 1 x 10⁻⁹ atm cc/sec Helium Leak Rating
- < 1 Particle/Ft³ Particle Shedding
- Maximum Forward and Reverse Differential Pressure of 1000 PSID (68.9 Bar) @ 52°C
- Manufactured, Cleaned and Packaged in a Class 100 Clean Room
- Total Hydrocarbon Emissions Below Detectable Limits
- Moisture Contribution <10 ppb After One Hour at Low-flow Ambient Purge

Available Configurations



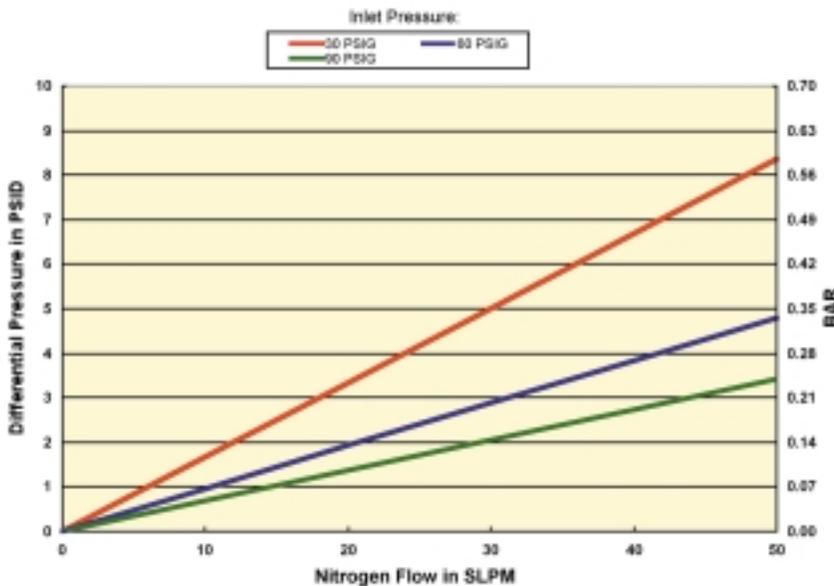
Note: A = OAL (see Dimensions below)

Dimensions

Computer Part Number (CPN)	Part Description	Overall Length (OAL)	Diameter	End Fitting*	Media Material
6700001	DEF331FF11	3.31" (84mm)	1.50" (38mm)	1/4" Face Seal	Stainless Steel
6700002	DEF331TT11	3.31" (84mm)	1.50" (38mm)	1/4" Tube Stub	Stainless Steel

*Other end fitting options available. Consult factory.

GasShield® Defender Filters



Limited Warranty

Mott Corporation ("Mott") warrants its GasShield® filter will meet the specified retention and media integrity standards for a period of five years from the date of purchase, providing the filter is properly installed and used in accordance with the specified flow, pressure, temperature, and chemical compatibility as published by Mott. Mott will replace or grant a purchase price refund for any GasShield filter which proves defective under the terms of this Limited Warranty. No other remedies apply. Mott disclaims all other warranties, either expressed or implied, including any warranty of merchantability or fitness for a particular purpose. Mott shall have no liability for consequential, incidental, special or punitive damages, lost profits or savings, or damages from lost production or damage to other materials.

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84 Spring Lane, Farmington, CT 06032-3159
860-747-6333 Fax 860-747-6739
www.mottcorp.com



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