

ULTRA - HIGH PURITY VACUUM GENERATORS

VG1 SERIES

FEATURES

- High Performance Design
- Stainless Steel 316L Construction
- Metal Face Seal and Tube Butt-Weld Connections



TECHNICAL DATA

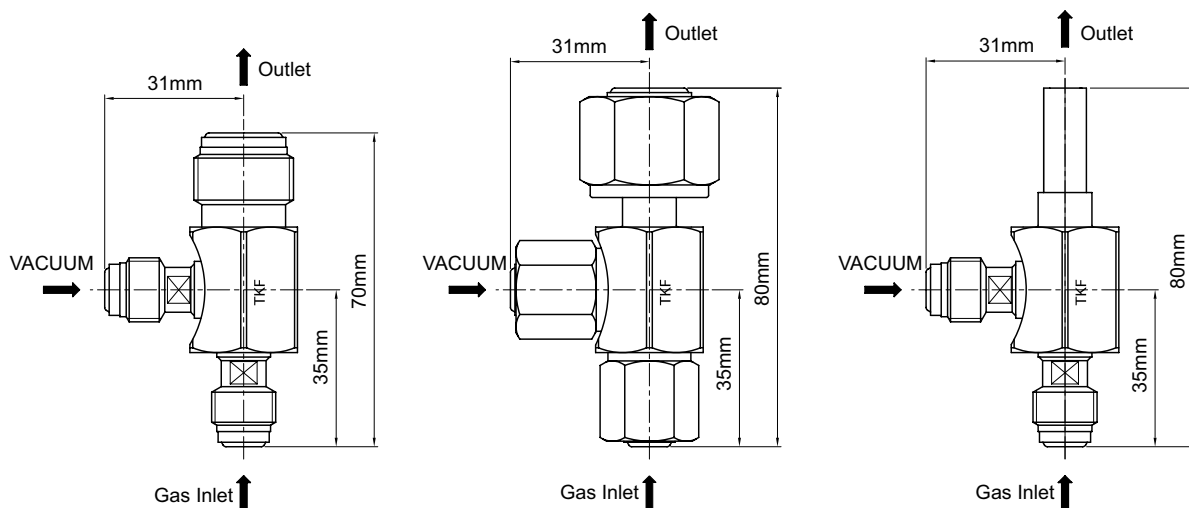
Ultimate Pressure	50torr (66.7mbar)
Gas Flow at Ultimate	60ℓ / min
Gas Pressure at Ultimate	80psig
Optimize working Pressure	80 ~ 100psig
Max. Working Pressure	150psig (10kgf/cm ²)
Operating Temperature	0 ~ 150°C

* measured when operating gas flow is over 60LPM and extension vent tube length is over 20mm.

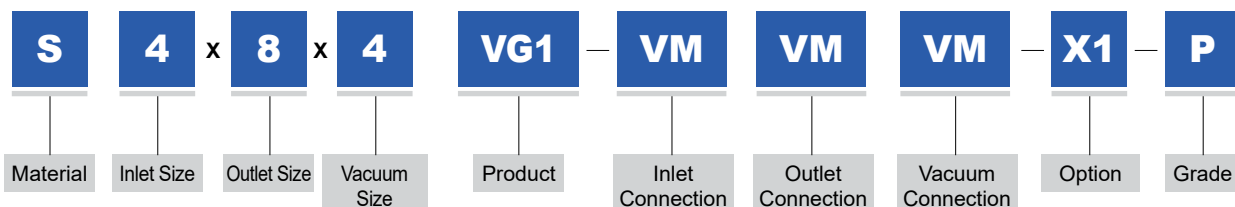
Note1. The dimension of drawing is for reference only. Please contact us for customer drawing and special product.

PRODUCT FEATURES

- 50torr(66.7mbar) vacuum generated with a minimum source Nitrogen pressure of 80psig
- Ultrasonic and D.I. water cleaned for semiconductor Ultra-high purity
- Cleaned, welded, assembled, tested and packaged in a Class 100 or 10 clean room
- 100% tested for vacuum performance and Helium leakage



ORDERING INFORMATION



MATERIAL		SIZE		CONNECTION		GRADE	
S	316L Stainless Steel	4	1/4"	VM	MFS Male	A	AP Grade
D	316L Stainless Steel VAR	6	3/8"	VF	MFS Female	Blank	BA Grade
		8	1/2"	TW	Tube Butt Weld	P	EP Grade

VACUUM AND FLOW SPECIFICATIONS

