

Medical Vacuum Filters

Features

- Designed to eliminate solid, liquid and bacterial contamination from medical vacuum systems.
- Meets ISO 7396-1, HTM 02-01 and 2018 revision of NFPA (5.1.3.7.4).
- Housing manufactured from cast aluminum alloy providing enhanced strength and feature an E-Coat™ finish for optimum internal and external corrosion protection.
- Optimized seal ensure zero leakage and ease of bowl removal during element replacement.
- “Dead Stop” bowl feature provides full closure without over tightening.
- Designed in accordance with ASME pressure vessels.
- Carries CRN (Canadian Registration Numbers) for approved use in every province of Canada).
- 10 year housing warranty
- Applications include dental, medical and veterinary.



Easy to Remove Sterilizable Drain Flask



Manual valve and sterilizable glass drain flask are included as standard.

Unique Element Design



Constructed with an oleophobic borosilicate microfiber media with an open cell reticulated foam prefilter.

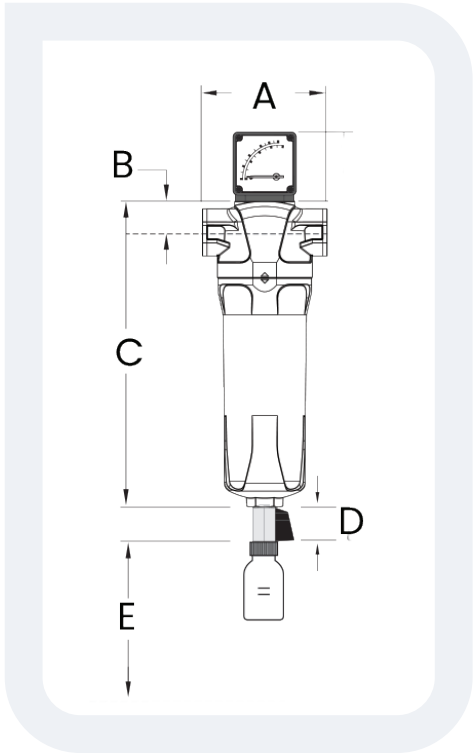
nano F^{1.1}: Medical Vacuum Filters

MODEL	INLET & OUTLET	FREE AIR ASPIRATED ⁽¹⁾	RARIFIED AIR FLOW	DIMENSIONS (INCHES)					APPROX. WEIGHT	REPLACEMENT ELEMENT
	NPT	SCFM	SCFM	A	B	C ⁽²⁾	D	E	LBS	PART NO.
GMV 0025	¼"	1	2	2.76	0.95	9.09	1.10	13.40	1.3	GE 0032 MV
GMV 0032	⅜"	2	4	2.76	0.95	9.09	1.10	13.40	1.3	GE 0032 MV
GMV 0050	½"	4	10	2.76	0.95	9.09	1.10	13.40	1.3	GE 0050 MV
GMV 0070	½"	7	18	5.00	1.26	11.22	1.18	15.60	3.7	GE 0105 MV
GMV 0085	¾"	8	22	5.00	1.26	11.22	1.18	15.60	3.7	GE 0105 MV
GMV 0105	1"	10	26	5.00	1.26	11.22	1.18	15.60	3.7	GE 0105 MV
GMV 0175	1"	17	45	5.00	1.26	14.61	1.18	19.00	4.4	GE 0175 MV
GMV 0280	1 ¼"	34	89	5.51	1.58	18.70	1.18	23.10	6.6	GE 0325 MV
GMV 0325	1 ½"	37	98	5.51	1.58	18.70	1.18	23.10	6.6	GE 0325 MV
GMV 0450	2"	39	103	6.69	2.09	20.00	1.18	24.40	10.8	GE 0450 MV
GMV 0700	2"	55	145	6.69	2.09	27.87	1.18	32.20	12.1	GE 0700 MV
GMV 0850	2 ½"	93	246	8.66	2.76	28.98	1.18	32.20	12.1	GE 0900 MV
GMV 0900	3"	106	280	8.66	2.76	28.98	1.18	33.40	23.1	GE 0900 MV
GMV 1250	3"	118	313	8.66	2.76	33.74	1.18	38.10	25.4	GE 1250 MV
GMV 1500	3"	125	331	8.66	2.76	39.57	1.18	46.90	27.6	GE 1500 MV

SPECIFICATIONS	GMV 0025 TO GMV 0050	GMV 0070 TO GMV 1500
Differential pressure indicator / gauge (part no.)	indicator GVDP 0050	gauge GVDP 1500
Condensate drain (part no.)	GFMDK 0050	GFMDK 1500
Filter housing material	cast aluminum with E-Coat™ & powder top coat finish	
Design operating pressure range (psig)	FV to 7	
Design operating temperature range (°F)	35 to 140	

ELEMENT PERFORMANCE	MV
Maximum particle size (ISO class) ⁽³⁾	> 99.9999% (HTM 02-01 specifies > 99.995%)
Pressure drop - clean (psid)	≤ 0.44
Design operating temperature range (°F)	35 to 140
Maximum element life	6 months or 1000 hours

- (1) Flows at an operating vacuum (suction) of 475 mmHg (9.2 psia). Rated flows are stated at HTM 02-01 conditions. Operating vacuum (suction) pressure is stated at the filter outlet.
- (2) Differential pressure indicator adds 1.65" to height. differential pressure gauge adds 2.8" to height.
- (3) Accordance with BS 3928:1969. Fully validated to ISO 7396-1, AS 2896 and NFPA 99.



Technical specifications subject to change without notice.
Publication Reference: GMV-US-EN-Version-000
©2024 Air & Gas Solutions LLC

