

## 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 aluminium alloy providing enhanced strength and features an E-Coat™ finish for optimum internal and external corrosion protection.
- Optimised 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 CE PED pressure vessels.
- 10 year housing warranty
- Applications include dental, medical and veterinary.



### Easy to Remove Sterilisable Drain Flask



Manual valve and sterilisable 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<sup>1.1</sup>: Medical Vacuum Filters

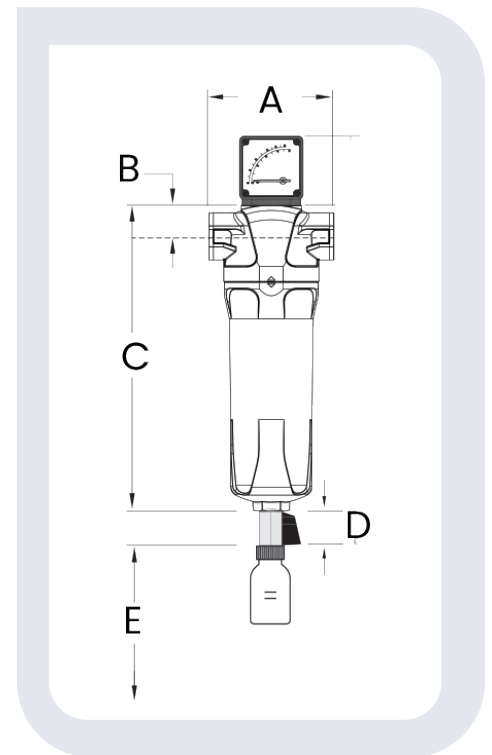
MODEL	INLET & OUTLET	FREE AIR ASPIRATED <sup>(1)</sup> Nm <sup>3</sup> /h	RARIFIED AIR FLOW Nm <sup>3</sup> /h	DIMENSIONS (mm)					APPROX. WEIGHT kg	REPLACEMENT ELEMENT PART NO.
	BSPP			A	B	C <sup>(2)</sup>	D	E		
GMVB 0025	¼"	1.7	3.4	70	24	231	28	340	0.6	GE 0032 MV
GMVB 0032	⅜"	3.4	6.8	70	24	231	28	340	0.6	GE 0032 MV
GMVB 0050	½"	6.8	17	70	24	231	28	340	0.6	GE 0050 MV
GMVB 0070	½"	12	31	127	32	285	30	396	1.7	GE 0105 MV
GMVB 0085	¾"	14	37	127	32	285	30	396	1.7	GE 0105 MV
GMVB 0105	1"	17	44	127	32	285	30	396	1.7	GE 0105 MV
GMVB 0175	1"	29	77	127	32	371	30	483	2.0	GE 0175 MV
GMVB 0280	1 ¼"	58	151	140	40	475	30	587	3.0	GE 0325 MV
GMVB 0325	1 ½"	63	167	140	40	475	30	587	3.0	GE 0325 MV
GMVB 0450	2"	66	175	170	53	508	30	620	4.9	GE 0450 MV
GMVB 0700	2"	93	246	170	53	708	30	818	5.5	GE 0700 MV
GMVB 0850	2 ½"	158	418	220	70	736	30	818	5.5	GE 0900 MV
GMVB 0900	3"	180	476	220	70	736	30	848	10.5	GE 0900 MV
GMVB 1250	3"	201	532	220	70	857	30	968	11.5	GE 1250 MV
GMVB 1500	3"	212	562	220	70	1005	30	1191	12.5	GE 1500 MV

SPECIFICATIONS	GMVB 0025 TO GMVB 0050	GMVB 0070 TO GMVB 1500
Differential pressure indicator / gauge (part no.)	indicator GVDP 0050	gauge GVDP 1500
Condensate drain (part no.)	GFMDKB 0050	GFMDKB 1500
Filter housing material	cast aluminium with E-Coat™ & powder top coat finish	
Design operating pressure range (barg)	FV to 0.5	
Design operating temperature range (°C)	1.7 to 60	

ELEMENT PERFORMANCE	MV
Maximum particle size (ISO class) <sup>(3)</sup>	> 99.9999% (HTM 02-01 specifies > 99.995%)
Pressure drop - clean (mbar)	≤ 39
Maximum element life	6 months or 1000 hours

- (1) Flows at an operating vacuum (suction) of 475 mmHg (0.63 bara). Rated flows are stated at HTM 02-01 conditions. Operating vacuum (suction) pressure is stated at the filter outlet.
- (2) Differential pressure indicator adds 41mm" to height, differential pressure gauge adds 71mm" 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.  
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