

# NMV 0175

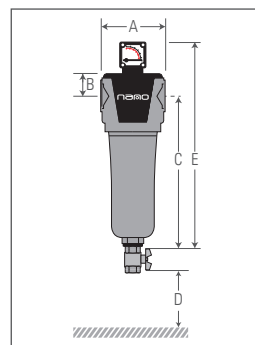
26.5 scfm exhaust flow rate  
medical vacuum filter

nano F<sup>1</sup> medical vacuum filters are specifically designed and manufactured to eliminate solid, liquid and bacterial contamination from medical vacuum systems. Applications include: dental, medical and veterinary.



general characteristics	
exhaust flow rate (scfm) <sup>(1)</sup>	26.5
operating limits	
design operating pressure range (psig)	full vacuum to 7 psig
design operating temperature range (°F)	35 to 176
housing construction	
materials	pressure die cast aluminum
finish	E-Coat™ surface treatment (internal & external) powder paint (external)
element construction	
media	pleated polypropylene gauze and microfiber with a reticulated foam sleeve
replacement element (part no)	E 0175 MV
components	
condensate drain <sup>(3)</sup>	MLF 250 as standard
vacuum indicator / gauge	NDV 1500 as standard
air circuit	
inlet & outlet connections (NPT) <sup>(3)</sup>	1"

dimensions and weights	
A (ins)	3.94
B (ins)	1.34
C (ins)	14.41
D (ins)	3.00
E (ins)	18.55
weight (lbs)	4.4



element performance	
DOP particle removal efficiency <sup>(4)</sup>	> 99.995%
pressure drop - clean	0.44 psid
pressure drop - recommended replacement	1.5 psid
design operating temperature range	35 to 140°F
flow direction through element	outside to inside
maximum element life	6 months or 1000 hours

(1) free air conditions when operating at atmospheric pressure. For vacuums, contact support@n-psi.com  
 (2) includes manual valve and sterilizable glass drain flask  
 (3) inlet and outlet connections are NPT threaded to ANSI B2.1  
 (4) as specified in HTM 02-01 medical gas pipeline systems  
 (5) technical specifications subject to change without notice. Direct inquiries to support@n-psi.com or contact 704.897.2182

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## features

### housing features

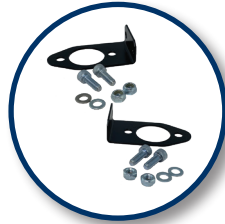
- designed in accordance with ASME pressure vessel standards
- carries CRN (Canadian Registration Numbers) for approved use in every province of Canada
- “dead stop” bowl feature provides full closure without overtightening
- optimized piston seal ensures zero leakage and ease of bowl removal during element replacement
- no tie rod simplifies element change out and reduces access requirements for bowl removal
- comprehensive range of filter mounting accessories
- 10 year housing warranty

## accessories



### connecting kits

description	fits	part number
NMV connecting kit	NMV 0175	NCK 0175



### wall mounting kits

description	fits	part number
NMV wall mounting kit	NMV 0175	NMK 0175



### sterilizable glass drain flask with polymer coating

description	fits	part number
NMV 250 mL flask with polymer coating	NMV 0175	MLA 250