

# VacMotion™

AUTOMATION FOR INDUSTRY

## Plastic Vacuum Filters



- To filter dust and other harmful particles from the vacuum flow.
- Reduces the risk of operation breakdown or blockage in the pump.
- Replaceable porous plastic 10 micron filter element.
- Available in 1/8" to 1-1/2" NPT or BSP threads

### Applications

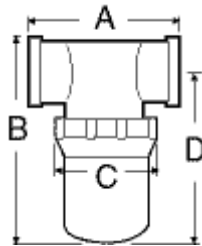
VacMotion plastic in-line filters provide easy monitoring, economy and safety. These shatterproof filters are 100% airtight, can withstand high pressures and are designed for use in applications where glass cannot be tolerated. A 10 micron porous plastic element prolongs element life under the most adverse environmental conditions.

Description	Model	Replacement PE Element
Vacuum filter 1/8" NPT	PVF.125-PE	PE25-3
Vacuum filter 1/4" NPT	PVF.25-PE	PE25-3
Vacuum filter 3/8" NPT	PVF.375-PE	PE25-3
Vacuum filter 1/2" NPT	PVF.5-PE	PE75-3
Vacuum filter 3/4" NPT	PVF.75-PE	PE75-3
Vacuum filter 1" NPT	PVF1.0-PE	PE10-3
Vacuum filter 1-1/2" NPT	PVF1.5-PE	PE15-3

## Technical Data

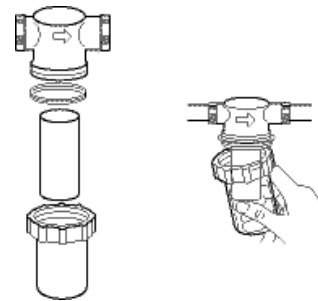
Description	Unit	Value
Pressure range	Psi	-14.5-150
Material		PA, PP, PE
Temperature range	°F	-4-176
Removal efficiency	µm	10

Description	PVF.125-PE	PVF.25-PE	PVF.375-PE	PVF.5-PE	PVF.75-PE	PVF1.0-PE	PVF1.5-PE
Weight oz	1.70	1.98	2.47	6.61	6.42	15.0	18.8
Flow nominal cf/s	0.05	0.07	0.09	0.53	0.53	1.48	3.00
Volume internal in <sup>3</sup>	2.10	2.40	2.70	11.9	12.5	30.2	41.2
Filter area in <sup>2</sup>	4.90	4.90	4.90	16.0	16.0	29.5	35.0



Model	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)
PVF.125-PE	3.1 (78.7)	2.4 (61)	1.9 (48.3)	2.0 (50.8)
PVF.25-PE	3.1 (78.7)	2.4 (61)	1.9 (48.3)	2.0 (50.8)
PVF.375-PE	3.1 (78.7)	2.4 (61)	1.9 (48.3)	2.0 (50.8)
PVF.5-PE	3.6 (91.4)	5.1 (129.5)	2.9 (73.6)	4.4 (111.6)
PVF.75-PE	3.6 (91.4)	5.1 (129.5)	2.9 (73.6)	4.6 (116.9)
PVF1.0-PE	4.9 (124.5)	6.4 (162.6)	4.0 (101.6)	5.6 (142.2)
PVF1.5-PE	5.2 (132.1)	8.1 (209.9)	4.0 (101.6)	6.9 (175.3)

Easily replace filter elements by hand without removing the entire filter from the system



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