



20 to 2000 mbar(abs)
operating pressure

7,5 to 345 Nm³/h
volume flow rate

3/8" to 3"
connections

1,5 to 65 °C
operating temperature range

RAL 5012
standard colour

DESCRIPTION

P-VAC filters are designed for protection of vacuum pumps. These filters are optimized for high-efficient removal of solid particles and other contamination from the suction side of vacuum pumps preventing damage to the pump.

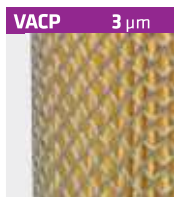
Two filtration stages are available for P-VAC filters. Rough prefilter "VACP" removes bulk liquid and large solid particles, while high efficiency microfilter VACM removes very fine impurities which may damage the pump.

APPLICATIONS

- Vacuum pumps

P-VAC SERIES

VACUUM PUMP PROTECTION FILTERS





TECHNICAL DATA									FILTER ELEMENTS		
Filter model	Pipe size	Free air capacity at atmospheric pressure		Dimensions [mm]				Mass	VACP Prefilter	VACM Microfilter	
	inch	Nm ³ /h	scfm	A	B	C	D	kg			
P-VAC 0056	3/8"	7,5	4,5	192	88	25	60	0,6	06050 VACP	06050 VACM	
P-VAC 0076	1/2"	9,8	5,8	192	88	25	60	0,6	07050 VACP	07050 VACM	
P-VAC 0106	3/4"	15,0	8,8	262	88	25	80	0,7	14050 VACP	14050 VACM	
P-VAC 0186	1"	24,8	14,6	264	125	39	100	1,2	12075 VACP	12075 VACM	
P-VAC 0306	1"	41,9	24,7	364	125	39	120	1,6	22075 VACP	22075 VACM	
P-VAC 0476	1 1/2"	63,8	37,6	464	125	39	140	1,9	32075 VACP	32075 VACM	
P-VAC 0706	1 1/2"	97,5	57,4	644	125	39	160	2,6	50075 VACP	50075 VACM	
P-VAC 0946	2"	125	73,6	696	164	50	520	5,7	51090 VACP	51090 VACM	
P-VAC 1506	2"	187	110,4	943	164	50	770	7,6	76090 VACP	76090 VACM	
P-VAC 1756	2 1/2"	210	123,6	943	164	50	770	7,3	76090 VACP	76090 VACM	
P-VAC 2006	3"	270	158,9	801	242	60	630	14,1	51140 VACP	51140 VACM	
P-VAC 2406	3"	345	203	998	242	60	780	16,7	75140 VACP	75140 VACM	
									pressure drop - new element-dry [mbar / psi]	10 / 0,15	30 / 0,45
									filter media	acrylic fibres, cellulose	borosilicate micro fibres
									min. operating temperature (°C / °F)	1,5 / 35	1,5 / 35
									max. operating temperature (°C / °F)	65 / 149	65 / 149

CORRECTION FACTORS												
Absolute pressure [bar]	1	0,9	0,8	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0,05	0,02
Absolute pressure [psi]	14,7	13	11,6	10,2	8,7	7,3	5,8	3,3	2,9	1,45	0,73	0,29
Correction factor	1	0,9	0,8	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0,05	0,02

• To calculate the correct capacity of a given filter based on actual operating conditions, multiply the nominal flow capacity by the appropriate correction factor.