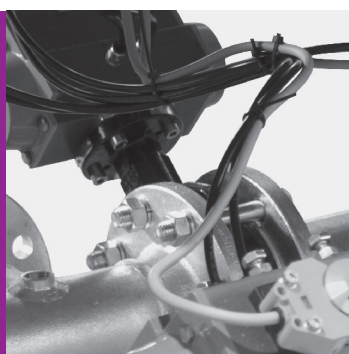


COMPRESSED AIR AND GAS TREATMENT

Standard product catalogue 2017-2019

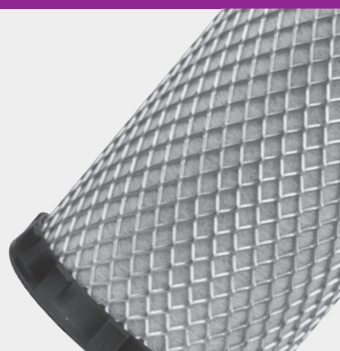


compression

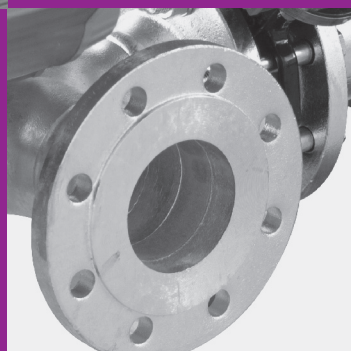


filtration

separation



drying



cooling



Better air

Better air

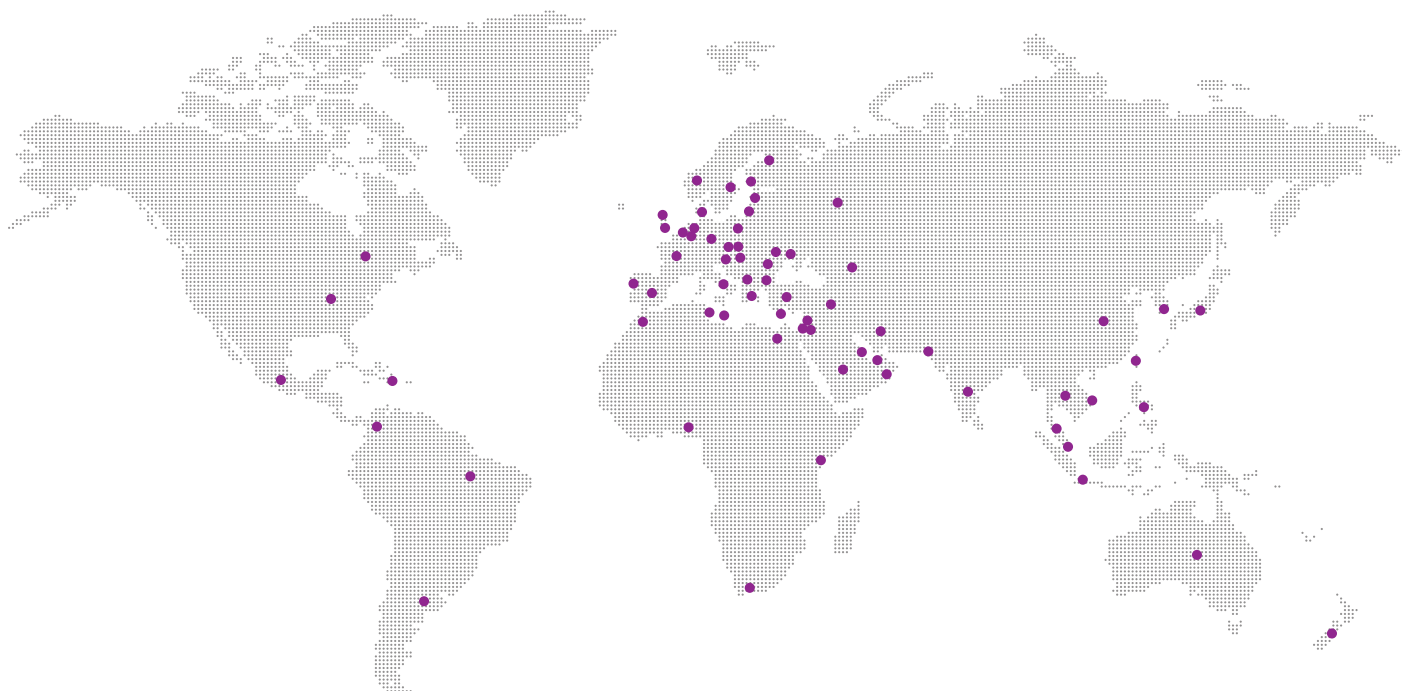
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Air and Gas Treatment



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SI-1000 Ljubljana, Slovenia

www.omega-air.si

GPS: 46°2'27.13" 14°27'59.46"



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.

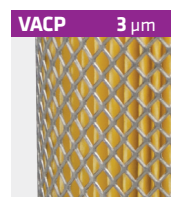
Two filtration stages are available for P-VAC filters. Rough prefilter "VACP" removes bulk liquid and large solid particles, while high efficiency microfilter VACM removes very fine impurities which may damage the pump.

APPLICATIONS

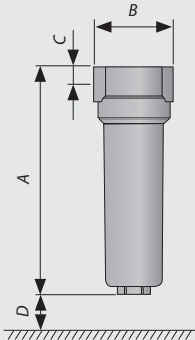
- Vacuum pumps

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	Nm³/h	scfm	A	B	C	D	kg				
P-VAC 0056	3/8"	7,5	4,5	187	88	20	60	0,7	06050 VACP	06050 VACM		
P-VAC 0076	1/2"	9,8	5,8	187	88	20	60	0,7	07050 VACP	07050 VACM		
P-VAC 0106	3/4"	15,0	8,8	257	88	20	80	0,8	14050 VACP	14050 VACM		
P-VAC 0186	1"	24,8	14,6	263	125	32	100	1,8	12075 VACP	12075 VACM		
P-VAC 0306	1"	41,9	24,7	363	125	32	120	2,5	22075 VACP	22075 VACM		
P-VAC 0476	1 1/2"	63,8	37,6	461	125	32	140	2,5	32075 VACP	32075 VACM		
P-VAC 0706	1 1/2"	97,5	57,4	640	125	32	160	3,2	50075 VACP	50075 VACM		
P-VAC 0946	2"	125	73,6	684	163	43	520	5,1	51090 VACP	51090 VACM		
P-VAC 1506	2"	187	110,4	935	163	43	770	7,1	76090 VACP	76090 VACM		
P-VAC 1756	2 1/2"	210	123,6	935	163	43	770	6,9	76090 VACP	76090 VACM		
P-VAC 2006	3"	270	158,9	795	240	59	630	12,9	51140 VACP	51140 VACM		
P-VAC 2406	3"	345	203	1000	240	59	780	14,0	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.

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