

*High Efficiency
Compressed Air Filters*



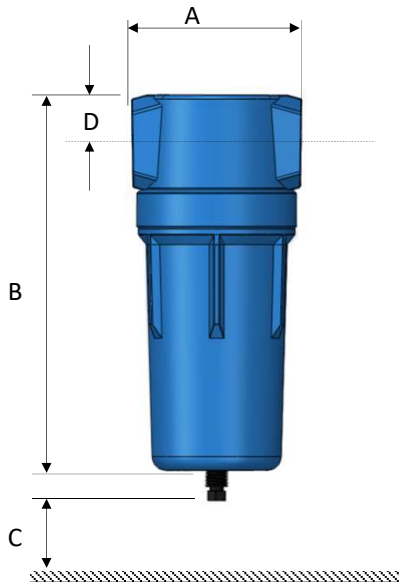
Technical Specification

Technical information below refers to nominal operating condition of 8 barg at 20°C.

Maximum operating condition: Inlet air pressure at 16 barg, inlet air temperature at 80°C

Filter Model	Connection [BSP-F]	Flow Rate		Replacement Element [Model]	Dimensions [mm]				Weight [kg]
		[m³/ min]	[scfm]		A	B	C	D	
PSF12*	½ "	1.53	54	E12	87	212	60	21	1.10
PSF18*	¾ "	2.43	86	E18	87	272	80	21	1.20
PSF30*	1 "	3.99	141	E30	126	288	100	34	2.80
PSF80*	1 ½ "	10.34	365	E80	126	480	140	34	3.90
PSF105*	2 "	15.07	532	E105	166	575	150	50	9.40
PSF150*	2 "	20.16	712	E150	166	710	200	50	10.4
PSF200*	2 ½ "	29.44	1040	E200	166	950	300	50	13.5
PSF306*	3 "	51.98	1826	E306	240	995	780	60	20.4

P = [1 Micron] F = [0.01 Micron] C = [Activated Carbon]



Grade	Description
P 1 Micron	Filters for general purpose protection, capable of removing contaminants down to 1 micron, with oil residual present at 0.1 mg/m³.
F 0.01 Micron	High efficiency coalescing filter, removing oil and water aerosol down to 0.01 mg/m³ and extremely small particles to 0.01 micron.
C Activated Carbon	High efficiency activated carbon filter for removal of oil vapours and odours. It lowers to a maximum remaining oil residual of 0.003 mg/m³ when installed after (XA) grade filter.

Correction Factor For Operating Pressure Changes

Inlet Air Pressure [bar g]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Factor	0.25	0.38	0.5	0.65	0.75	0.88	1	1.13	1.25	1.38	1.5	1.63	1.75	1.88	2

We reserves the right to alter any specification and technical data without prior notice.

