

Active-charcoal filters serve to remove oil vapours and other organic pollutants from pressurised air. The active-charcoal fibre (the adsorption capacity of which is sufficient for approx. 1,000 hours of operation) is positioned between two stainless-steel nettings. The air at the inflow opening should be dry and free of particles; this is why the prior attachment of a micro-filter is categorically recommended. Caution! Some hazardous substances are either not at all or only slightly adsorbent, therefore non-removable with active charcoal! Such substances are i.e., carbon dioxide, carbon monoxide, ammonia.

Technical Data

	Size				
	I	II			
Thread	G 1/4	G 3/8	G 1/2	G 3/4	G 1**
Nominal rates of flow*	800NI/min	1000NI/min	1200NI/min	1300NI/min	
Residual oil content	0,003mg/m ³				
Air quality ISO 8573.1	Class 1 dirt, Class 1 oil				
Pre-Pressure (p₁) max.	16bar/20bar with metal bowl				
Medium / ambient temperature	-10 to 50 °C / -10 to 80 °C with metal bowl				
Material	Housing: zinc alloy Bowl: polycarbonate				
Weight	320g	900g (G 1 = 1400g**)			

* measured at 7 bar pre-pressure (p₁) and Δp = 0,2bar

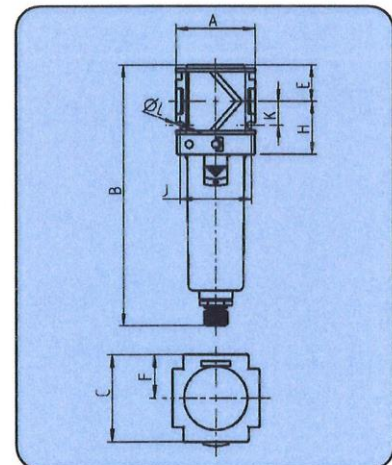
** mounting plates with G 1

Accessories and main spare parts

Filter element with seal
Plastic bowl
Metal bowl
Bowl protection

Dimensions [mm]

Thread	A	B	C	E	F	H	J	K	øL
G 1/4 and G 3/8	48	142	48	22	24	32	43	14,5	4,4
G 1/2 and G 3/4	70	193	70	26	35	44	62	18	5,4
G 1**	124	193	70	26	35	44	62	18	5,4



Rates of flow

