

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

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

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

** mounting plates with G 1

Accessories and main spare parts

Filter element with seal

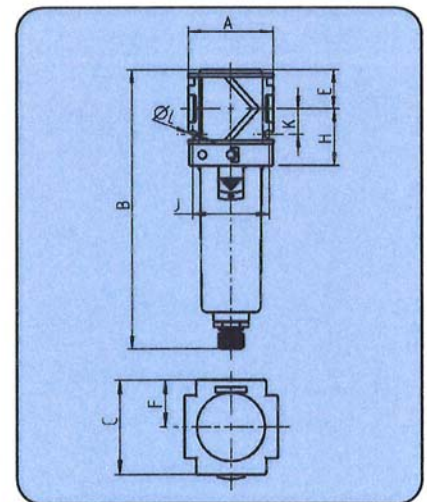
Plastic bowl

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
