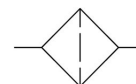


Filter G1/8"...G1" Series FI18-AC



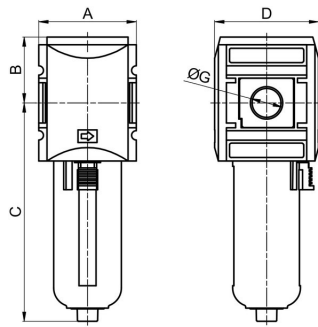
Design type	Activated carbon filter
Function	Filtering compressed air, for filtering out gaseous impurities
Quality classes	Solid particles 1, Oil 1 according to ISO 8573-1, Residual oil content <0,005mg/m ³
Filter element	Activated carbon
Connection	G1/4"...G1" according to ISO228/1
Materials	Housing Polyamide glass fiber reinforced, Pressure ports Zinc die casting, Condensate reservoir Polycarbonate , Protective cage Polyamide, Seals NBR
Medium	Compressed air
Medium temperature	0...+50°C
Ambient temperature	0...+50°C
Inlet pressure	0...16bar
Flow direction	is marked by an arrow
Mounting type	Installation in piping system or Wall mounting using mounting bracket
Mounting position	vertical
Application note	The upstream installation of a pre-filter and a micro-filter is necessary. When commissioning the system, the pressure should be increased slowly so that the filter elements are not damaged.. Recommended replacement of the filter element: 1000 Operating hours or 1/2 Year

Order code

FI18 - 14 H - AC			
1/4"	14		
3/8"	38		
1/2"	12		
3/4"	34		
Connection	1"	10	
Flow rate	Standard (Leave blank)		
	high flow rate	H	
Filter element	Activated carbon filter element	AC	



Dimensional drawing

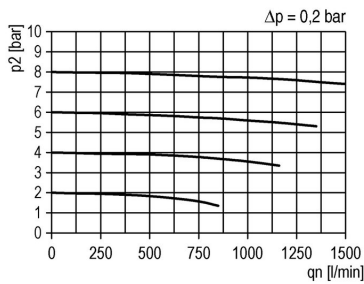


Connection G	Flow rate at 6 bar* [Nl/min]	max. Inlet pressure [bar]	A	B	C	D	Weight [approx. kg]	Type
G1/4"	650	16	52	34	130	54	0,3	FI18-14H-AC
G3/8"	650	16	52	39	130	54	0,2	FI18-38-AC
G3/8"	1300	16	63	43	147	67	0,4	FI18-38H-AC
G1/2"	1300	16	63	48	147	67	0,4	FI18-12-AC
G3/4"	2000	16	85	63	189	93	1	FI18-34-AC
G1"	2000	16	85	63	189	93	0,9	FI18-10-AC

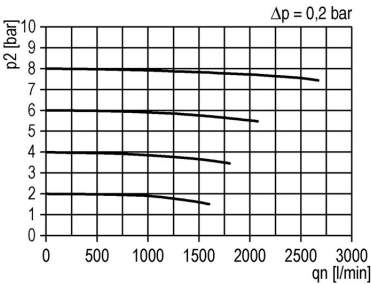
*Flow rate at inlet pressure 6 bar and 0.2 bar pressure drop

Flow diagrams

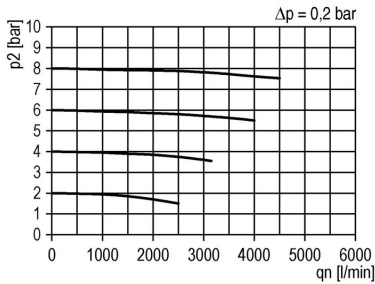
FI18-14H/38-AC



FI18-38H/12-AC



FI18-34/10-AC



Accessories

Designation	Type
Connection set for 2 devices for G1/4" and G3/8" (Type FI18-38)	MCS18-14H/38
Connection set for 2 devices for G3/8" (Type FI18-38H) and G1/2"	MCS18-38H/12
Connection set for 2 devices for G3/4" and G1"	MCS18-34/10
Mounting bracket kit for G1/4" and G3/8" (Type FI18-38)	MMB18-14H/38
Mounting bracket kit for G3/8" (Type FI18-38H) and G1/2"	MMB18-38H/12
Mounting bracket kit for G3/4" and G1"	MMB18-34/10



