



AIR PREPARATION UNITS

FILTER Series F1-G1

Cat No F1G - 01 - 01 - B

AIR FILTER WITH SERVICE INDICATOR - 1/2, 3/4, 1"

Features

- □ Conforms to ISO 5782 -1
- □ Suitable for Modular mounting
- □ Steel bowl guard, bayonet type on F15 & F17 models
- Press type Manual drain for easy operation.
- Bronze filtering element.
- □ Separator and shield for efficient moisture separation.
- □ Differential pressure gauge are used for indicating the servicing life of filter element.

Needle position: Green - Clean, Yellow - Change, Red - Dirty



Technical Specifications

Model		F15G1	F17G1					
Medium		Compressed air						
Port size		G1/2	G3/4	G1				
Flow rate [@]	lts/min	3500	5000	6500				
Maximum supply pressure	bar	10						
Medium temperature	С	+5° to +50°						
Ambient temperature	С	-10° to +50°						
Filteration #	μm	1, 5, 25, 40 (standard), 50, 100						
Bowl capacity (at maximum condensate level)	ml	44	165	165				
Bowl material			Polycarbonate					
Installation		Vertical (as in the picture)						
Materials of construction		Aluminium, Bronze, Steel, Acetal, Polycarbonate, SS, Nitrile						
Optional accessories *		Clamp, Modular mounting kit, Pressure gauge						
Weight	Kg	0.650	1.450	1.350				

[®] Supply pressure 6 bar, pressure drop $\Delta p = 0.3$ bar (For standard models)

Precautions

- 1. Note the direction of flow before installation and connect piping accordingly.
- 2. Flush pipings for dirt, dust, rust and other foreign particles.
- 3. Install in clean atmosphere.
- 4. Nipples of taper threads (R) to be used with teflon tape. Ensure teflon tape does not enter the unit during tightening. Nipples of straight threads (G) to be used with sealing washer.
- 5. Polycarbonate bowls may get damaged and possibly fail if exposed to synthetic oils, thinner, solvents, trichloroethylene, kerosene or other aromatic hydrocarbons.
- 6. Periodically drain the water so that it does not accumulate (or) clog the filter element.

^{*} For details see " How to order ".

^{*} For details refer Optional accessories Cat No APA - 01 - C

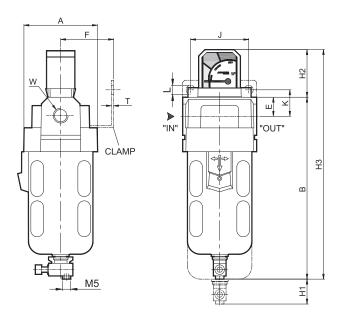


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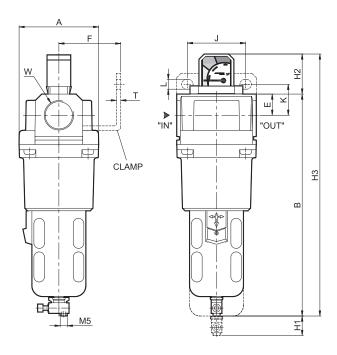
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Model F15...-G1



Model F17...-G1



Model	w	Α	В	E	К	F	J	L	Т	Н1	H2	Н3
F15G1	G1/2	SQ 70	172	18	25	50	55	8.5	2	80	45	217
F17G1	G3/4	SQ 90	260	24	35	70	66	11	5	80	45	305
F17G1	G1	SQ 90	260	24	35	70	66	11	5	80	45	305

For Details of Clamp see optional accessories Cat No APA - 01 - C

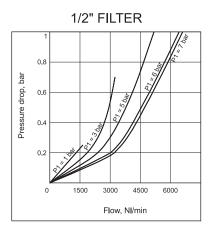


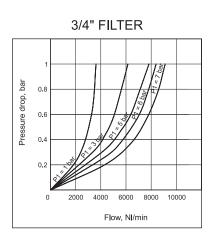
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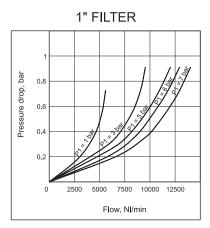
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Flow Graphs

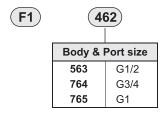


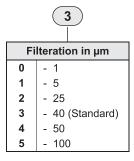


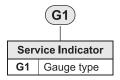


Flow graphs are for 40 μm filtrations only.

How to order







Ordering example:

Filter - 3/4 size (with G3/4 port) with 50µm filter with service indicator: Ordering No: **F17644-G1** If ordered as 3/4 Filter with service indicator, our standard model **F17643-G1**, with 40µm will be supplied.