

F12MD – F38MD

Aluminium filters,
for compressed air



FEATURES

Filter for inlet pressure up to 30 bar (435 psi).

Inlet and outlet connections 1/2" – F and 3/8" – F.

ID Insert Deal modular design "12 MD", holes for wall mounting.

Available units composed of:
Filter+Regulator + Lubricator

Cast aluminium body and bowl.

Standard filtration rate 50 µm, 5 µm or coalescing (0.01 µm/99.99%) cartridges available on request.

Condensation drain: automatic SAI, semiautomatic SS or manual drain SM.

The product complies with the directive 2014/68/EU PED.

Available on request :
ATEX 2014/34/EU
EAC-EX TP TC 012/2011 versions for the Russian market.

SPECIFICATIONS

Filter weight: ~0.6 kg (~1.32 lb)

Standard version operating temperature: -10 °C ÷ +50 °C (14 °F ÷ +122 °C)

Bowl capacity: 180 cc (6 US fl oz)

Automatic drain SAI: drain the condensate before builds up to the filter cartridge (for inlet pressure up to 16 bar)

Semi-automatic drain SS: drain the condensate every time the pressure is dumped (for inlet pressure up to 16 bar)

Condensate level display for inlet pressure up to 20 bar version

MATERIALS

Body and bowl: cast aluminium

5 µm and 50 µm Filter cartridge: bronze

O-Ring: NBR (alternative compounds available on request)

Semiautomatic drain: PA 6

Manual and automatic drain: brass

SPARE PARTS

Semi-automatic drain SS

Manual drain SM

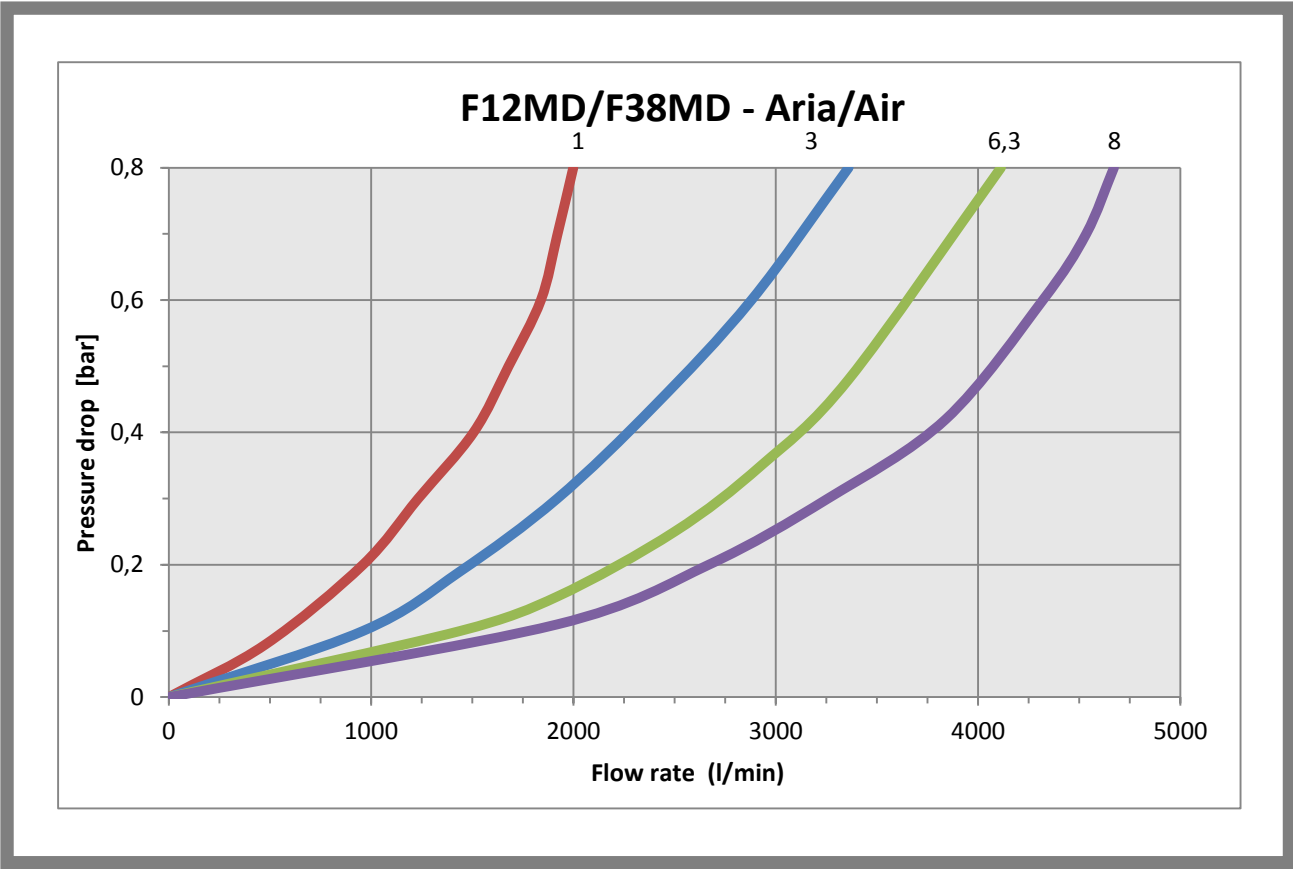
Automatic drain SAI

Condensate level display

Filter cartridges

Complete kit: o-rings, filter cartridge

flow charts



Generating the product code

Filtri Modulari in Alluminio			
AA BB CC D E FF			
AA	Attacchi / Connections	L0	G3/8"-F
		P0	G1/2"-F
BB	Tipologia di fluido / Fluid type	97	NBR
		98	EPDM
		99	FPM
CC	Tazza / Bowl	01	Tazza LL SS - 16 bar
		03	Tazza LL SAI - 16 bar
		04	Tazza LL SM NV - 30 bar
D	Filtrante / Filter	D	5µm
		G	50µm
E	Marchiato / Marked	I	ID
FF	Accessori/Accessories	00	Nessun accessorio

CODE COMPOSITION EXAMPLE

212# L0 99 04 D I 00

212#: Modular aluminium filter

H0: Connections G3/8" - F

99: FPM gaskets

04: bowl without display, manual drain, PS=30 bar

D: 5 µm cartridge

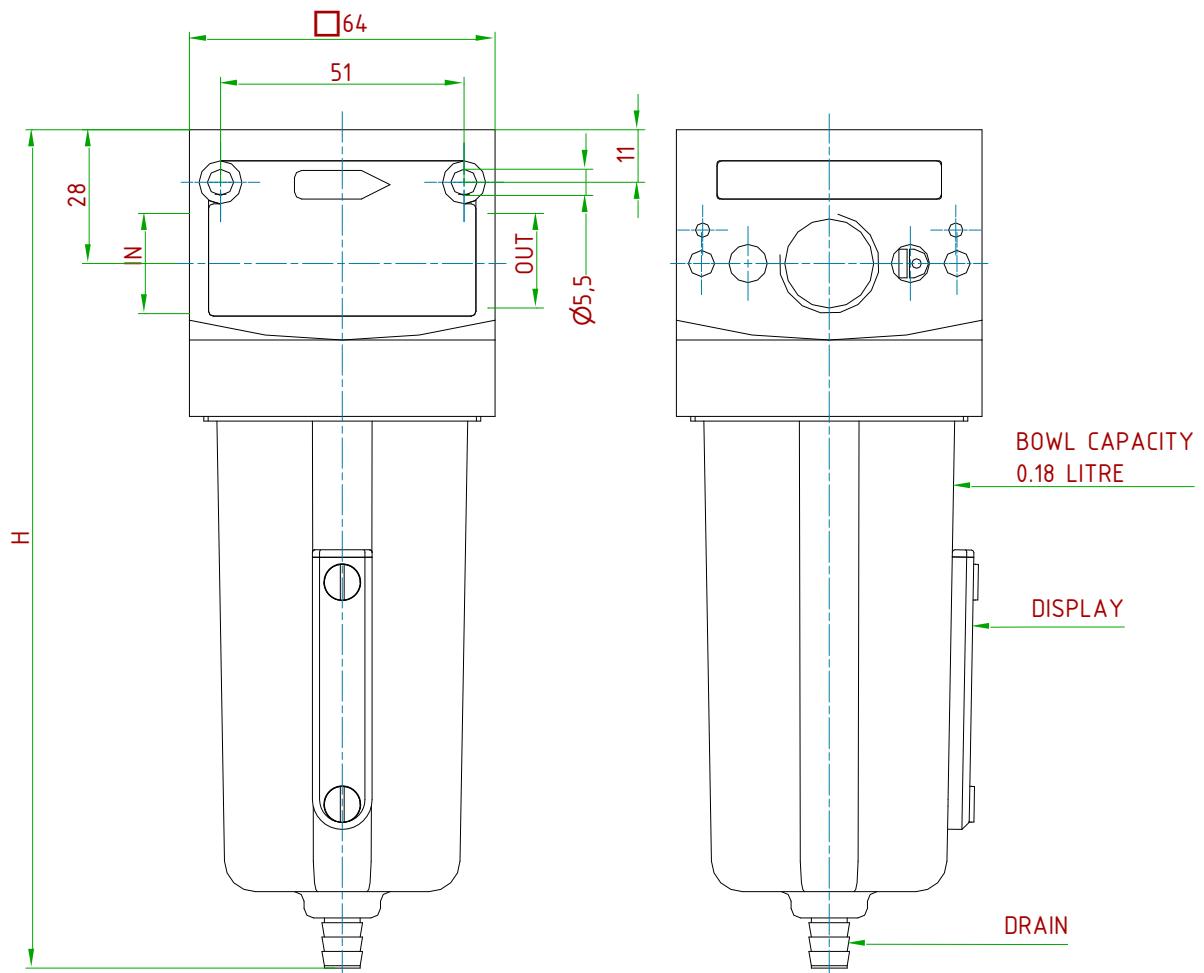
I: Insert Deal

00: No accessories

technical drawings (all dimensions in mm)

TYPE	IN/OUT
F12 MD 1/2"GF	G 1/2"-F
F38 MD 3/8"GF	G 3/8"-F
F12 MD 1/2"NPTF	1/2" NPT-F
F38 MD 3/8"NPTF	3/8" NPT-F

GAS FILTRATION	
CARTRIDGE	MATERIAL
5 µm	BRONZE
50 µm	BRONZE
0.01 µm 99.99% coalescing	-



PS [bar]	DRAIN	NOTE	H
16	SEMI-AUTOMATIC	-	~176
16	AUTOMATIC	-	~178
20	MANUAL	-	~171
20	NO DRAIN	-	~165
30	MANUAL	NO DISPLAY	~171
30	CAP	NO DISPLAY	~170

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