

# 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

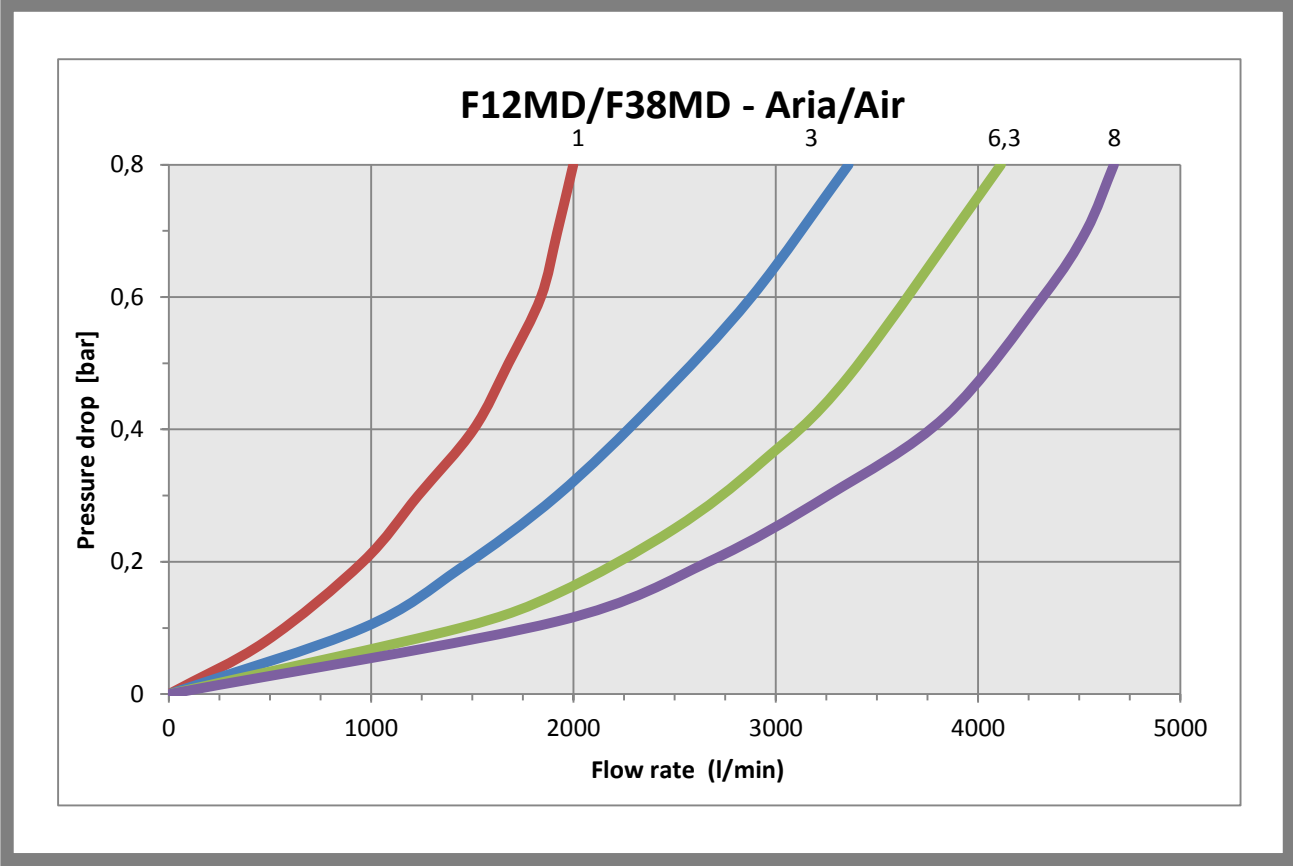
Automatic drain SAI

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

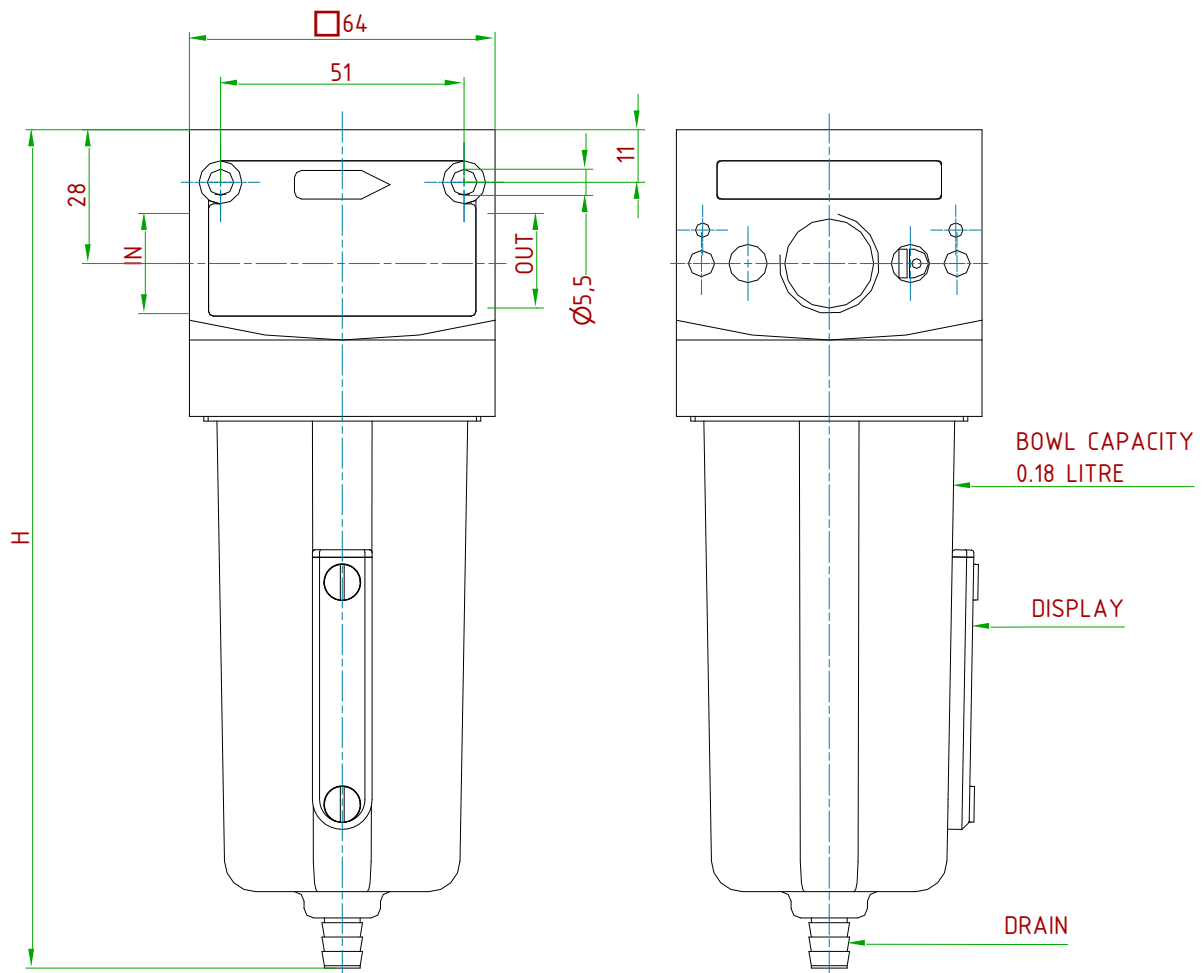
**I:** Insert Deal

**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

## **ID Insert Deal Srl**

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**FILTER\_212(F12MD-F38MD)\_EN\_03**



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