

F15MD – F20MD

Aluminium filters,
for compressed air



FEATURES

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

Inlet and outlet connections 1" 1/2 – F and 2" – F by flanges screwed to the body.

Cast aluminium body and bowl.

ID Insert Deal modular design "20 MD",
Available units composed of:
Filter+Regulator + Lubricator

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

Condensation drain: automatic SAI or
semiautomatic SS for inlet pressure up to
16 bar. Manual drain SM or cap for
pressure up to 30 bar.

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: ~4.8 kg (~10.58 lb)

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

Bowl capacity: 1200 cc (40 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 visualizer for inlet pressure up to 20 bar.

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

ACCESSORIES

Bracket kit for wall mounting

SPARE PARTS

Automatic drain SAI

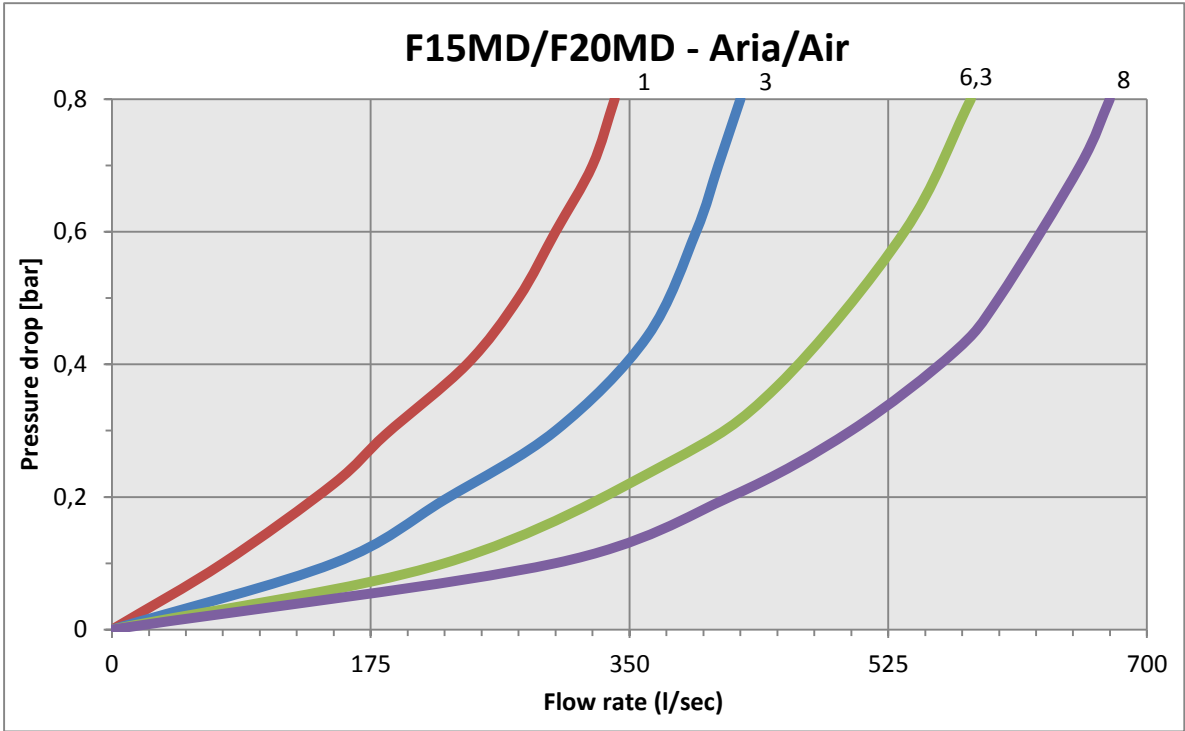
Semiautomatic drain SS

Manual drain SM

Filter cartridges

Condensate level display (single element, each bowl requires two pieces)

Complete kit: o-rings, filter cartridge



generating the product code

Filtri Modulari in Alluminio			
AA BB CC D E FF			
AA	Attacchi / Connections	W0	G1/2-F
		P0	G 2-G
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
		J	99,99% Coalescente
E	Marchiato / Marked	I	ID
FF	Accessori/Accessories	00	Nessun accessorio

CODE COMPOSITION EXAMPLE

212# S0 97 01 D I 00

212#: Modular aluminium filter

S0: Connections G 1 1/2 - F

97: NBR gaskets

01: Semiautomatic drain, PS=16 bar

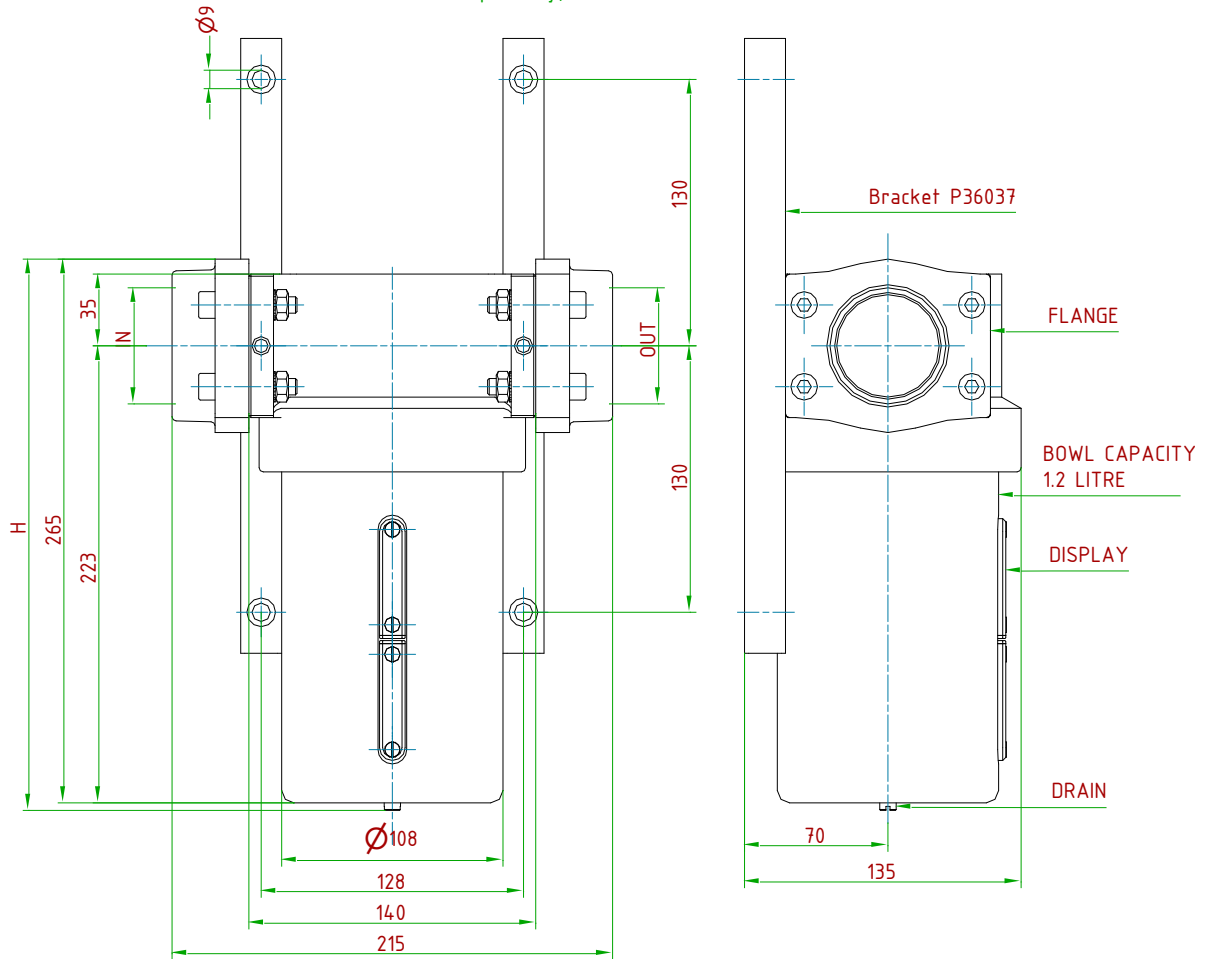
D: 5 µm cartridges

I: Insert Deal

00: No accessories

technical drawings (all dimensions in mm)

Bracket to be ordered separately, Kit order number: M11202



TYPE	IN/OUT	FLANGE	KIT
F15 MD 1 1/2" GF	G 1 1/2"-F	P37012	M27208
F20 MD 2" GF	G 2"-F	P37013	M27209
F15 MD 1 1/2" NPTF	1 1/2" NPT-F	P37026	-
F20 MD 2" NPTF	2" NPT-F	P37029	-

GAS FILTRATION	
CARTRIDGE	MATERIAL
5 μ m	BRONZE
50 μ m	BRONZE

PS [bar]	DRAIN	NOTE	H
16	SEMI-AUTOMATIC	-	~273
16	AUTOMATIC	-	~275
20	MANUAL	-	~269
30	MANUAL	NO DISPLAY	~269
30	CAP	NO DISPLAY	~265

ID Insert Deal Srl
Strada dei Boschi, 40
20852 Villasanta (MB) Italia
tel. +39 039 302035
info@idinsertdeal.com
www.idinsertdeal.com

ID Insert Deal si riserva il diritto di cambiare le specifiche del prodotto senza preavviso.
ID Insert Deal reserves the right to change and/or modify product specifications without prior notice.

Insert Deal non si assume alcuna responsabilità per la scelta, uso e manutenzione di qualsiasi prodotto. La responsabilità per l'ideale scelta, uso e manutenzione di qualsiasi prodotto ID rimane interamente a carico dell'acquirente.

Insert Deal does not assume responsibility for selection, use and maintenance of any products. Responsibility for proper selection, use and maintenance of any ID products remains entirely to the purchaser.

Riproduzione vietata. Tutti i diritti riservati; nessuna parte del presente documento può essere riprodotta senza autorizzazione di ID Insert Deal Srl.
Reproduction forbidden. All rights reserved; the hereby document can't be reproduced, also partially, without the authorization of ID Insert Deal Srl.

FILTER_212(F15MD-F20MD)_EN_03



Azienda con sistema di gestione qualità certificato.
certificato N° 50 100 9191
Company with certificated quality management system.
certificate N° 50 100 9191