

FRL15MD – FRL20MD

Groups filter + regulator + oil fog lubricator
made of aluminium, suitable for compressed air



FEATURES

Group filter + regulator + oil fog lubricator for inlet pressure up to 16 bar (232 psi). Inlet and outlet connections by flanges screwed to the body:

FRL15 MD 1 ½" – F

FRL20 MD 2" – F

Cast aluminium body and bowl.

ID Insert Deal modular line 15/20 MD.

50 µm bronze cartridge and semi-automatic condensate drain.

Available on request different filtration rate and manual or automatic condensate drain.

Piston operation regulator with balanced valve and relieving overpressure function.

Lubricator has drip rate adjustment and transparent dome to show oil supply.

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

SPECIFICATIONS

Weight: ~14 kg / ~30 lb

Operating temperature: -20 °C ÷ +60 °C (-4 °F ÷ +140 °F) for standard version

Bowl capacity: 1200 cc (40 US fl oz)

Main valve leakage classification: VI

Flow coefficient: Kv= 12,6

Bowl with condensation/oil level display

Semi-automatic drain SS: drain the condensate every time the pressure is dumped

Connections G 1/4 – F for outlet pressure gauge on both sides

For more information see catalogues: F15 MD–F20 MD, R15MD–R20MD, L15MD–L20 MD

ACCESSORIES

Condensate automatic drain SAI

Condensate manual drain SM

Not relieving version

5 µm cartridge

Wall mounting bracket: M11202

SPARE PARTS

Lubricator complete sight-feed dome: M51201

Semi-automatic drain SS: C55003110304

Condensate manual drain SM: M42210

Condensate automatic drain SAI: C55004870311

Filter cartridges

Filter complete filter kit

Regulator complete kit

Lubricator complete kit

available model types

Gruppi FRL 3 pezzi 3 pieces FRL groups

Gruppi FRL a 3 pezzi, in lega d'alluminio, a struttura modulare idonei per aria compressa
3 pieces FRL groups, of aluminium, modular structure, suitable for compressed air

Corpo e tazza da fusione in lega d'alluminio. Struttura modulare
Cast body and bowl of aluminium. Modular execution

| TYPE | PS bar | P.Out bar | CONNECTION IN/OUT | FILTRATION RATE | BOWL 1200 cc | DRAIN | CODE | MEDIUM |
|-----------|--------|-----------|----------------------|--------------------|-----------------|-------|-------|------------------|
| | | | | | | | | FRL 15 MD |
| FRL 15 MD | 16 | 0,8-8 | G 1-1/2 - F | 50 µm | Metal | SS | 712#S | Air |
| | | | | | | | | FRL 20 MD |
| FRL 20 MD | 16 | 0,8-8 | G 2-F | 50 µm | Metal | SS | 712#T | Air |

Metal = Tazza metallica / Metal bowl

SS = Scarico semiautomatico / Semiautomatic drain

ATTACCHI DIVERSI DA STANDARD / CONNECTION DIFFERENT FROM STANDARD

Attacchi entrata/uscita NPT / Inlet/outlet connections NPT

ESECUZIONI DIVERSE DA STANDARD / EXECUTIONS DIFFERENT FROM STANDARD

Pressioni uscita diverse. P.out 0,2-1,5 / 0,3-3 / 1,5-15 bar / Outlet pressure different. P.out 0,2-1,5 / 0,3-3 / 1,5-15 bar

Pressione uscita prearata / Pre-set outlet pressure

Pressione uscita tarata fissa, vite con dado cieco / Fixed outlet pressure, screw with cup nut

Esecuzione con scarico manuale / Manual drain

Esecuzione con Scarico Automatico interno (PS max 16 bar) solo per Aria / Automatic drain (PS max 16 bar) only for Air

Esecuzione con filtrazione 5 micron / Filtration rate 5 micron

Versione non Relieving / Non Relieving execution

Stampigliatura su specifica del cliente / Not standard branding

ACCESSORI / ACCESSORIES

Ricambio per scarico semiautomatico in nylon C55003110304 / Spare semiautomatic drain of nylon C55003110304

Ricambio per scarico manuale M42210 / Spare for manual drain M42210

Ricambio per Scarico Automatico Interno C55004870311 / Spare for automatic drain C55004870311

Elemento filtrante 5 micron di ricambio P25018080320 / Spare filter element 5 micron P25018080320

Visualizzatore tazza C6001950311 / Level visual sight for bowl C6001950311

Cupolino per lubrificatore in plastica trasparente M51201 / Drop-controller in transparent plastic for lubricators M51201

Kit staffa M11202 / Kit bracket M11202

**I singoli componenti F+R+L possono essere montati a cura del cliente,
scelti tra quelli proposti nel presente listino prezzi.**

Per l'assemblaggio dei 3 singoli componenti sono necessari 2 KIT assemblaggio

**The single components F+R+L can be assembled by the customer, chosen in this price list;
for assembling F+R+L, 2 kits are required**

Nr.1 Kit per unire 2 pezzi / 1 set for assembling 2 pieces

Nr.2 Kit per unire 3 pezzi / 2 set for assembling 3 pieces

| DESCRIPTION | CODE |
|-----------------------------------------------------------------------------------------|--------|
| Kit assemblaggio per componenti 15/20 MD Set for assembling components type 15/20 MD | M01204 |

generating the product code

| GRUPPI F+R+L MD | | | |
|-----------------|----------------------------------|----|-----------------------|
| AA BB CC D E FF | | | |
| AA | Attacchi / Connections | S0 | 15MD G 1-1/2-F |
| | | T0 | 20MD G 2-F |
| BB | Tazza / Bowl | 01 | Tazza LL SS - 16 bar |
| | | 03 | Tazza LL SAI - 16 bar |
| CC | Intervallo uscita / Outlet range | A0 | 0,2 - 1,5 bar |
| | | B0 | 0,3 - 3 bar |
| | | D0 | 0,8 - 8 bar |
| | | E0 | 1,5-15 bar |
| D | Filtrante / Filter | D | 5µm |
| | | G | 50µm |
| E | Marchiato / Marked | I | ID |
| FF | Accessori / Accessories | 00 | Nessun accessorio |

CODE COMPOSITION EXAMPLE

712# T0 01 E0 D I 00

712#: Group F+R+L LL MD

T0: FRL20 MD – Connections G 2 – F

01: Semi-automatic drain, PS=16 bar

E0: Outlet pressure range 1,5 – 15 bar

D: Filtration rate 5 µm

I: Insert Deal

00: No accessories

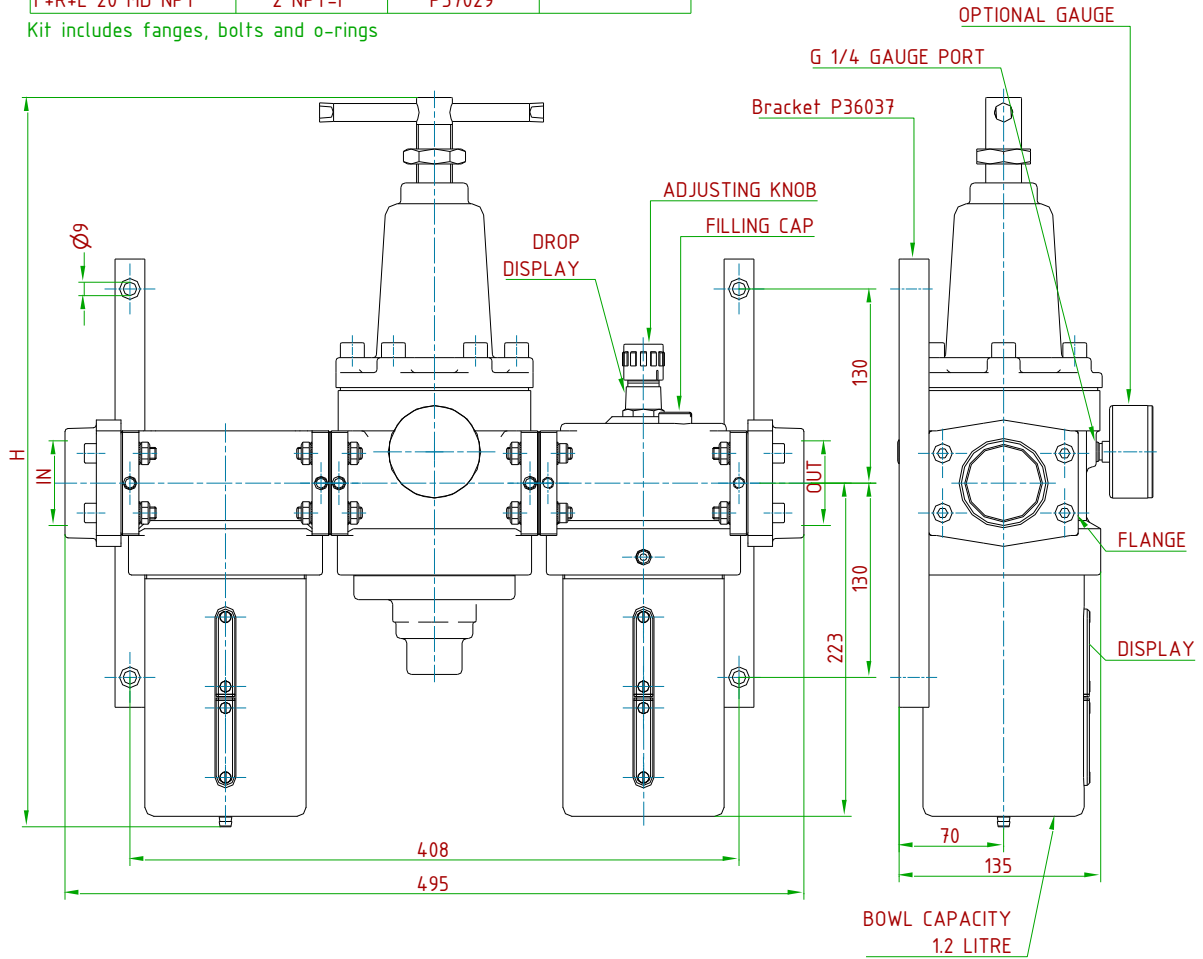
technical drawings (all dimensions in [mm])

Bracket to be ordered separately, kit order number: M11202

| TYPE | IN/OUT | FLANGE | KIT |
|-----------------|-------------|--------|--------|
| F+R+L 15 MD | G 1 1/2-F | P37012 | M27208 |
| F+R+L 20 MD | G 2-F | P37013 | M27209 |
| F+R+L 15 MD NPT | 1 1/2"NPT-F | P37026 | - |
| F+R+L 20 MD NPT | 2"NPT-F | P37029 | - |

| PS [bar] | DRAIN | H |
|----------|----------------|------|
| 16 | SEMI-AUTOMATIC | -488 |
| 16 | AUTOMATIC | -490 |
| 20 | MANUAL | -484 |

Kit includes fanges, bolts and o-rings



| GAS FILTRATION | |
|----------------|----------|
| CARTRIDGE | MATERIAL |
| 5 µm | BRONZE |
| 50 µm | BRONZE |

| Pout [bar] | GAUGE-ORDER NUMBER | GAUGE RANGE [bar] |
|------------|--------------------|-------------------|
| 0.2÷1.5 | 0ABNCC04 | 0÷2.5 |
| 0.3÷3 | 0ABNCC05 | 0÷6 |
| 0.8÷8 | 0ABNCC07 | 0÷15 |
| 1.5÷15 | 0ABNCC08 | 0÷25 |

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GROUP FRL_712(FRL15MD-FRL20MD)_EN_02



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