

F14ST – F38ST – F12ST

Brass filters,
suitable for gas and liquid



FEATURES

Filter for inlet pressure up to 50 bar (725 psi) in the standard version.

Inlet and outlet connections 1/4" - F, 3/8" - F and 1/2" - F.

Brass body from bar and drawn stainless steel AISI 316L bowl.

Filtration rate: 5 µm, 50.

Condensation drain: automatic drain SAI for pressure up to 16 bar (232 psi), manual drain SM for pressure up to 30 bar (435 psi).

Available the EAC-EX TP TC 012/2011 versions for the Russian market.

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

Available units composed of:
Filter + Regulator + Lubricator.

SPECIFICATIONS

Filter weight: F14 ST / F38 ST ~1.2 kg (~2.64 lb)

F12 ST ~2.1 kg (~4.63 lb)

Standard version operating temperature: -20 °C ÷ +60 °C (-4 °F ÷ +140 °F)

Degree of protection: IP56, IP66 for cap drain version

Bowl capacity F14 ST / F38 ST: 140 cc (4,7 US fl oz)

F12 ST: 200 cc (6,7 US fl oz)

Automatic drain SAI: drains the condensate before builds up to the filter cartridge (only for air version and PS=16 bar)

MATERIALS

Body: brass

Bowl: stainless steel AISI 316L

Internal parts: stainless steel AISI 316L

Filter cartridge: stainless steel AISI 316L

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

Condensate drain: brass

ACCESSORIES

Wall mounting bracket kit

SPARE PARTS

Filter cartridges

Complete kit: gaskets and filter cartridges

Manual drain (with NBR o-ring)

Automatic drain (with NBR o-ring)

generating the product code

| Filtri serie ST in OTTONE / BRASS Filter series ST | | | |
|--|----------------------------------|----|-----------------------------|
| AA BB CC D E FF | | | |
| AA | Attacchi / Connections | P0 | 1/4"G-F |
| | | P0 | 3/8"G-F |
| | | P0 | 1/2"G-F |
| BB | Tipologia di fluido / Fluid type | 15 | O2 |
| | | 97 | NBR |
| | | 98 | EPDM |
| | | 99 | FPM |
| CC | Tazza + scarico / Bowl + drain | 31 | SAI / Automatic drain 16bar |
| | | 32 | SM / Manual drain 30bar |
| | | 33 | Tappo / Cap 50bar |
| D | Filtrante / Filter | C | 5µm |
| | | H | 50µm |
| E | Marchiato / Marked | I | Insert Deal |
| FF | Accessori / Accessories | 00 | Nessun accessorio |

CODE COMPOSITION EXAMPLE

231# P0 99 33 J I 00

231#: Series ST filter

P0: Connections G 1/2

99: FPM o-ring

33: Drain cap, PS= 50 bar (725 psi)

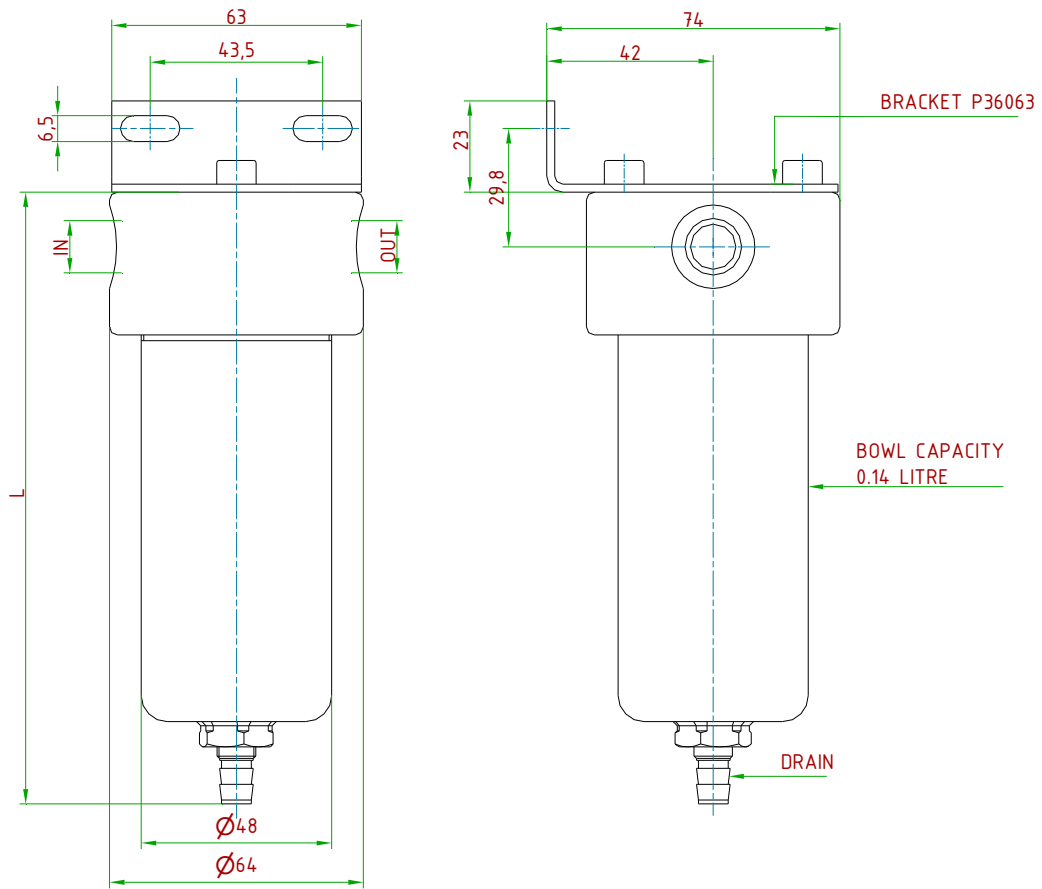
C: Filtration 5µm

I: Insert Deal

00: No accessories

technical drawings (all dimensions in mm)

Bracket to be ordered separately, kit order number: M13001



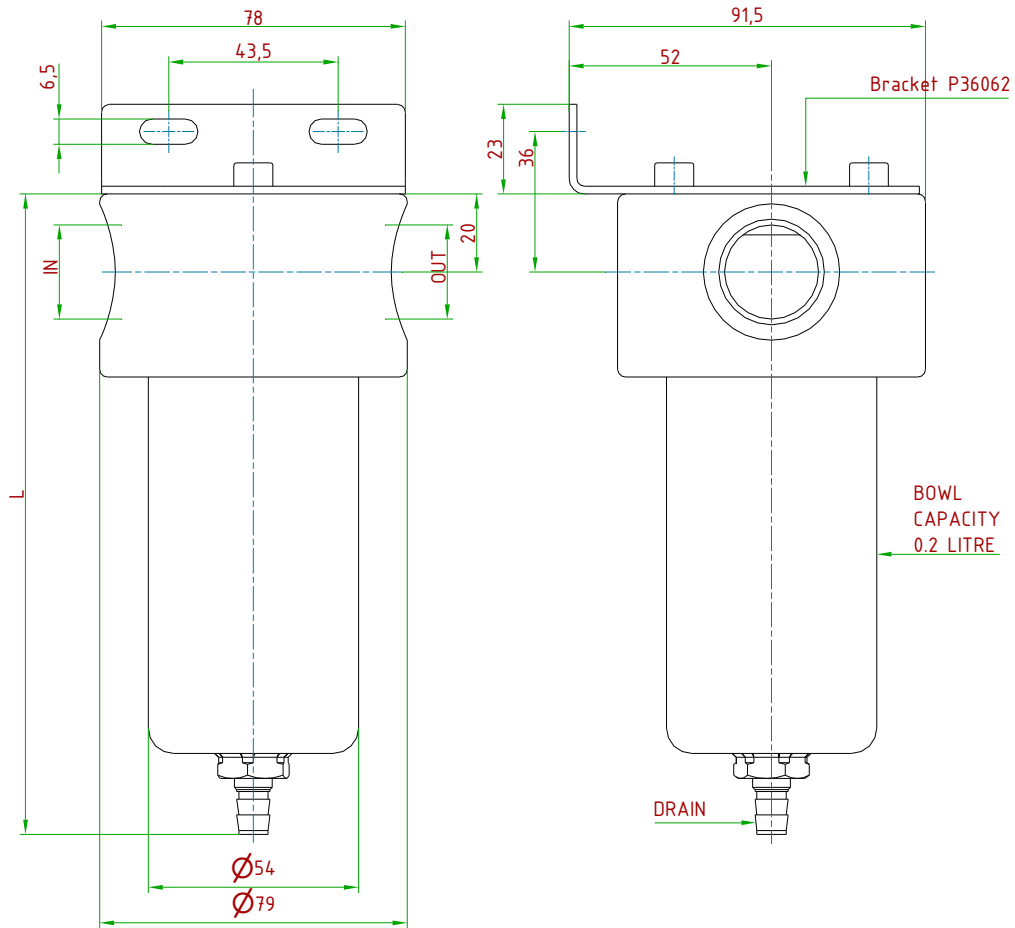
| PS bar | DRAIN | L |
|--------|-----------|--------|
| 16 | AUTOMATIC | ~154,5 |
| 30 | MANUAL | ~148 |
| 50 | NO DRAIN | ~140 |
| 80 | NO DRAIN | ~140 |

| TYPE | IN/OUT | BODY MATERIAL | BOWL MATERIAL |
|-----------|--------|---------------|---------------|
| F14ST GAS | G1/4-F | CW614N | AISI 316L |
| F38ST GAS | G3/8-F | CW614N | AISI 316L |

| GAS FILTRATION | |
|----------------|-----------|
| CARTRIDGE | MATERIAL |
| 5 µm | AISI 316L |
| 5 µm | PE |
| 50 µm | AISI 316L |

technical drawings (all dimensions in mm)

Bracket to be ordered separately, kit order number: M13002



| PS [bar] | DRAIN | L |
|----------|-----------|------|
| 16 | AUTOMATIC | -165 |
| 30 | MANUAL | -158 |
| 50 | NO DRAIN | -150 |
| 80 | NO DRAIN | -150 |

| TYPE | IN/OUT | BODY MATERIAL | BOWL MATERIAL |
|-------------|----------|---------------|---------------|
| F12ST G1/2" | G 1/2"-F | CW614N | AISI 316L |

| GAS FILTRATION | |
|----------------|-----------|
| CARTRIDGE | MATERIAL |
| 5 µm | PE |
| 5 µm | AISI 316L |

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FILTER_231(F14ST-F38ST-F12ST)_EN_02



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