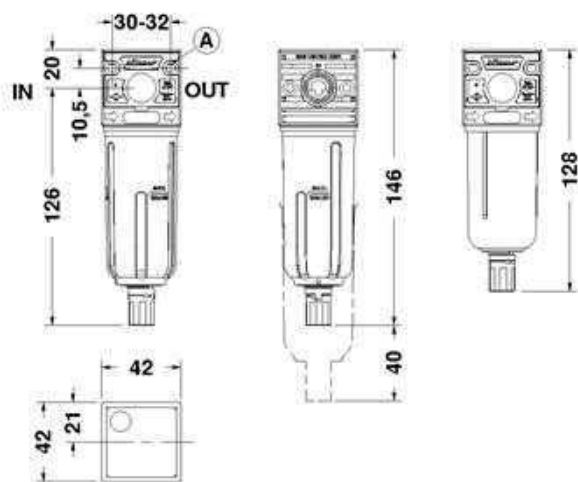


LINE 042 1/4" | COALESCING MICROFILTERS (OIL REMOVER)



**A FORI DI FISSAGGIO Ø4.5
FIXING HOLES Ø4.5**



PE and TT version.

TC version

GENERAL FEATURES

Modular filter with coalescing cartridge made from glass borosilicate fiber providing high filtering efficiency (99,97% on 0,01 micron particles).

It is recommended to install a 5 micron filter upstream in order to allow a longer life of the coalescing cartridge.

Application: it is suitable for removing oil remnants in pneumatic circuits.

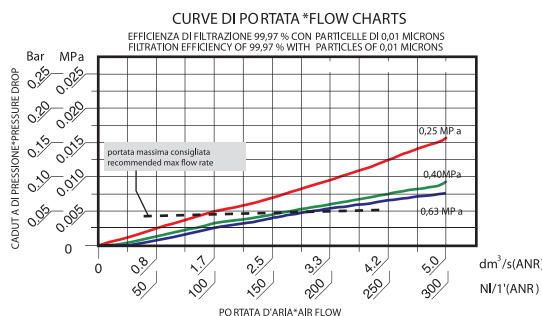
It can be wall mounted through the holes prearranged on the body. Equipped with semiautomatic condensate drain as standard (SS). Bowl made from hardened polyamide, available in following configurations: TT = transparent; PE = outer guard; TC = short transparent.

GENERAL TECHNICAL DATA

| | |
|---------------------------------------|---------------------------------|
| Maximum inlet pressure | 16 Bar |
| Drain working pressure | 0,5 Bar |
| Filtering degree | 0,01 micron |
| Recommended max flow rate | 180 NI/min |
| Working temperature (a 10 bar) | -5 / +50°C |
| Bowl capacity | TT = 22cc; PE = 22cc; TC = 15cc |
| Max Torque G1/4" IN-OUT | 25 Nm |
| Weight | 0,095 kg |

ORDERING CODE

| CODE | REF. |
|--|-------------------------------------|
| 042.02.00064 | MF 1/4" 042 0,01 TT SS |
| 042.02.00115 | MF 1/4" 042 0,01 PE SS |
| 042.02.00111 | MF 1/4" 042 0,01 TC SS (short bowl) |
| Float type automatic drain version. | |
| 042.02.00159 | MF 1/4" 042 0,01 TT SA |
| 042.02.00160 | MF 1/4" 042 0,01 PE SA |
| "Differential" automatic drain version. | |
| 042.02.00184 | MF 1/4" 042 0,01 TT SAD |
| 042.02.00185 | MF 1/4" 042 0,01 PE SAD |



GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product
F = Filter
MF = Microfilter
CF = Activated carbon

Connection
1/4" = G 1/4"
3/8" = G 3/8"
1/2" = G 1/2"
3/4" = G 3/4"
1" = G 1"

Line
042
050
052
075
080
095

Condensate Drain
SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

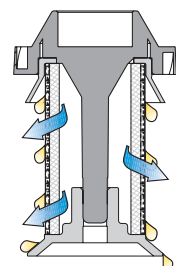
Bowl
TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

Filtering element
5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

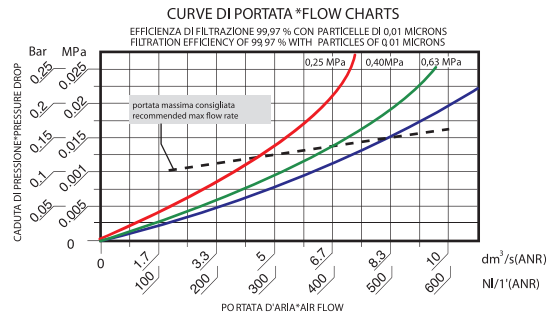
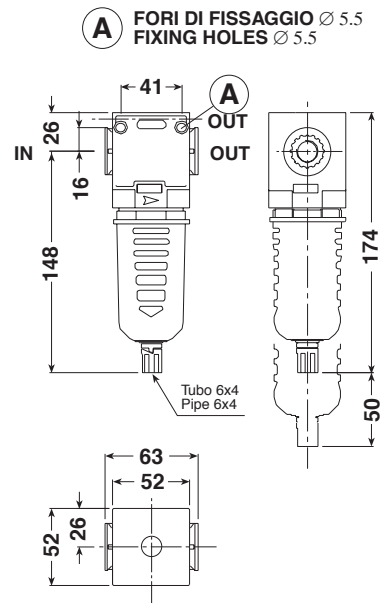
COALESCENT CARTRIDGE

FUNCTIONING

The air with impurity enter into the special high efficiency cartridge, which stops solid particles, captures and joins outside the oil particles (coalescing effect), so that they can easily fall to the bottom of the bowl and be drained outside. In doing so, the filtered air will be free from solid impurities and liquid particles.



LINE 050 3/8-052 1/2 | COALESCING MICROFILTERS (OIL REMOVER)



GENERAL FEATURES

Modular filter with coalescing cartridge made from glass borosilicate fiber providing high filtering efficiency (99,97% on 0,01 micron particles).

It is recommended to install a 5 micron filter upstream in order to allow a longer life of the coalescing cartridge.

Application: it is suitable for removing oil remnants in pneumatic circuits.

It can be wall mounted through the holes prearranged on the body. Equipped with semiautomatic condensate drain as standard (SS). Bowl made from hardened polyamide with outer guard.

GENERAL TECHNICAL DATA

| | |
|--|-------------------------------|
| INLET-OUTLET connections | Line 050 3/8" - Line 052 1/2" |
| Working pressure | 0,5 - 12,5 Bar |
| Filtering degree | 0,01 micron |
| Recommended max flow rate (6,3 bar) | 500 NI/min |
| Working temperature (a 10 bar) | -5 / +50°C* |
| Max Torque IN-OUT | 3/8" 60 Nm - 1/2" 80 Nm |
| Weight | 0,221 kg |

Below 3°C the air of the circuit must be free from humidity

ORDERING CODE

LINE 050-3/8

| CODE | REF. |
|--|-------------------------|
| 050.12.00010 | MF 3/8" 050 0,01 PE SS |
| Float type automatic drain version. | |
| 050.12.00060 | MF 3/8" 050 0,01 PE SA |
| "Differential" automatic drain version. | |
| 050.12.00072 | MF 3/8" 050 0,01 PE SAD |

LINE 052-1/2

| CODE | REF. |
|--|-------------------------|
| 052.12.00010 | MF 1/2" 052 0,01 PE SS |
| Float type automatic drain version. | |
| 052.12.00060 | MF 1/2" 052 0,01 PE SA |
| "Differential" automatic drain version. | |
| 052.12.00063 | MF 1/2" 052 0,01 PE SAD |

GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product

F = Filter
MF = Microfilter
CF = Activated carbon

Connection

1/4" = G 1/4"
3/8" = G 3/8"
1/2" = G 1/2"
3/4" = G 3/4"
1" = G 1"

Line

042
050
052
075
080
095

Condensate Drain

SS = Semiautomatic (standard)
SA = Automatic float type
SAD = Automatic differential
S18 = Open seat 1/8 F

Bowl

TT = Transparent (Line 042 only)
TC = Short transparent (Line 042 only)
PE = With outer guard

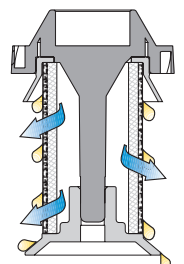
Filtering element

5 = 5 micron
20 = 20 micron
0,01 = 0,01 micron
CA = Activated carbon

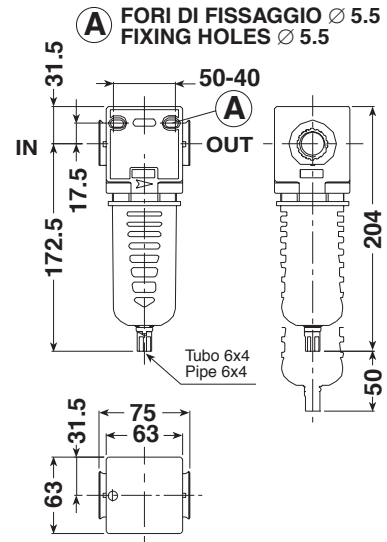
COALESCENT CARTRIDGE

FUNCTIONING

The air with impurity enter into the special cartridge with high efficiency, that stop solid particles, capture and join outside particles of oil and condensate (coalescent effect). In this way, they easily fall down at the bottom of the bowl, where condensate is discharged. Filtered air obtained is without solid and liquid parts.



LINE 075 1/2 | COALESCING MICROFILTERS (OIL REMOVER)



GENERAL FEATURES

Modular filter with coalescing cartridge made from glass borosilicate fiber providing high filtering efficiency (99,97% on 0,01 micron particles).

It is recommended to install a 5 micron filter upstream in order to allow a longer life of the coalescing cartridge.

Application: it is suitable for removing oil remnants in pneumatic circuits.

It can be wall mounted through the holes prearranged on the body. Equipped with semiautomatic condensate drain as standard (SS). Bowl made from hardened polyamide with outer guard.

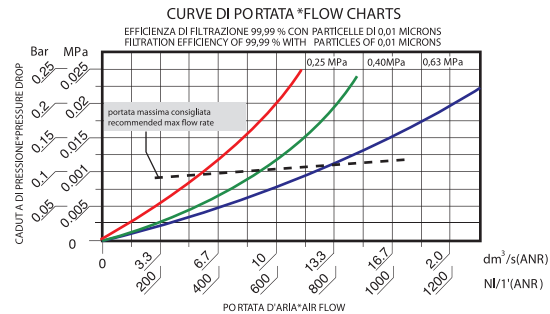
GENERAL TECHNICAL DATA

| | |
|---|----------------|
| INLET-OUTLET connections | 1/2" |
| Working pressure | 0,5 - 12,5 Bar |
| Filtering degree | 0,01 micron |
| Recommended max flow rate (6,3 bar): | 800 NI/min |
| Working temperature (a 10 bar) | -5 / +50°C* |
| Max Torque IN OUT | 1/2" 80 Nm |
| Weight | 0,355 kg |

Below 3°C the air of the circuit must be free from humidity

ORDERING CODE

| CODE | REF. |
|---|-------------------------|
| 075.12.00027 | MF 1/2" 075 0,01 PE SS |
| Float type automatic drain version. | |
| 075.12.00028 | MF 1/2" 075 0,01 PE SA |
| "Differential" automatic drain version. | |
| 075.12.00078 | MF 1/2" 075 0,01 PE SAD |



GUIDE TO REFERENCES

F 1/4" 042 20 PE SS

Product

- F** = Filter
- MF** = Microfilter
- CF** = Activated carbon

Connection

- 1/4"** = G 1/4"
- 3/8"** = G 3/8"
- 1/2"** = G 1/2"
- 3/4"** = G 3/4"
- 1"** = G 1"

Line

- 042**
- 050**
- 052**
- 075**
- 080**
- 095**

Condensate Drain

- SS** = Semiautomatic (standard)
- SA** = Automatic float type
- SAD** = Automatic differential
- S18** = Open seat 1/8 F

Bowl

- TT** = Transparent (Line 042 only)
- TC** = Short transparent (Line 042 only)
- PE** = With outer guard

Filtering element

- 5** = 5 micron
- 20** = 20 micron
- 0,01** = 0,01 micron
- CA** = Activated carbon

COALESCENT CARTRIDGE

FUNCTIONING

The air with impurity enter into the special cartridge with high efficiency, that stop solid particles, capture and join outside particles of oil and condensate (coalescent effect). In this way, they easily fall down at the bottom of the bowl, where condensate is discharged. Filtered air obtained is without solid and liquid parts.

