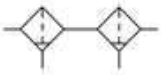
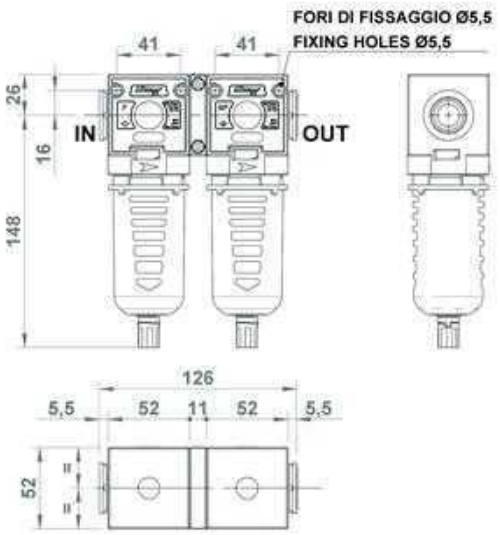
LINE **050 3/8-052 1/2** | F + MF UNITS





GENERAL FEATURES

Filtration set combining Filter with high condensate separation and coalescing Microfilter.
The job of the Filter is filtering solid particles and condensate separatation. The job of the coalescing Microfilter is to remove oil.
It is equipped with semiautomatic drain as standard (SS).
Available options: float type automatic drain (SA) and differential drain (SAD) that can convey condensate to to the outside even when the bowl is pressurized.
Bowl made from hardened polyamide available in following configurations:
TT = transparent; PE = outer guard; TC= short transparent.

GENERAL TECHNICAL DATA

INLET-OUTLET connections	Line 050 3/8" – Line 052 1/2"
Working pressure	0,5 – 12,5 Bar
Drain working pressure	model SA: 1,5 – 10 Bar model SAD: 2 – 12 Bar
Filtering degree Filter	5 micron
Filtering degree Microfilter	0,01 micron
Recommended max flow rate (P1= 10 bar ΔP= 1 bar)	500 Nl/min
Working temperature (a 10 bar)	-5 / +50°C*
Max Torque IN-OUT	3/8" 60 Nm - 1/2" 80 Nm
Weight	0,47 kg

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

GUIDE TO REFERENCES

F	1/4"	042	5	PE	SS +
MF	1/4"	042	0,01	TT	SS

Product
- **F** = Filter + Microfilter
- **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"

Line
- **042**
- **050**
- **052**
- **075**
- **080**

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

ORDERING CODE

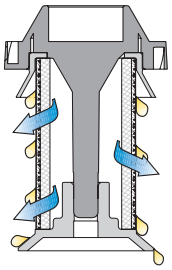
Line 050-3/8

CODE	REF.
050.19.00001	F 3/8" 050 5 PE SS+MF 3/8" 050 0,01 PE SS
Float type automatic drain version.	
050.19.00002	F 3/8" 050 5 PE SS+MF 3/8" 050 0,01 PE SA
"Differential" automatic drain version.	
050.19.00004	F 3/8" 050 5 PE SS+MF 3/8" 050 0,01 PE SAD

Line 052-1/2

CODE	REF.
052.19.00001	F 1/2" 052 5 PE SS+MF 1/2" 052 0,01 PE SS
Float type automatic drain version.	
052.19.00002	F 1/2" 052 5 PE SS+MF 1/2" 052 0,01 PE SA
"Differential" automatic drain version.	
052.19.00004	F 1/2" 052 5 PE SS+MF 1/2" 052 0,01 PE SAD

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.