

Energy saving filter

Unique design works toward reducing pressure loss.

Medium main line filter AF2 Series helps reduce operation costs.



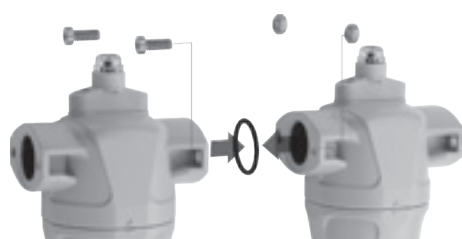
Pop-up indicator

A 360° high-visibility indicator, enabling differential pressure checking from all directions, is equipped as standard. (P/M types)
Changes to red for notifications.



Module connections that help further save space

The filters can be connected with the modular kit, enabling space-saving installation. The linked structure is simplified for easy connection.

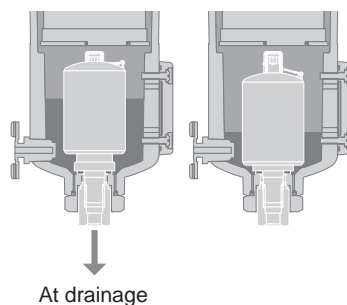


Easy element replacement

The push-fit element makes mounting easy.



Highly reliable automatic drain equipped as standard



With residual pressure exhaust valve

A residual pressure air release valve is equipped as standard. It can also be used for manual drain discharge.



Liquid level gauge

The drain level can be visually confirmed.



- F.R.L.
- F.R.
- F (Filtr)
- R (Reg)
- L (Lub)
- Drain Separ
- Mech Press SW
- Res press exh valve
- SlowStart
- Anti-bac/Bac-remove Filtr
- Film Resist FR
- Oil-ProhR
- Med Press FR
- No Cu/PTFE FRL
- Outdrs FRL
- Adapter Joiner Press Gauge
- CompFRL
- LgFRL
- PrecsR
- VacF/R
- Clean FR
- ElecPneuR
- AirBoost
- Speed Ctrl
- Silncr
- CheckV/other
- Fit/Tube
- Nozzle
- Air Unit
- PrecsCompn
- Electro Press SW
- ContactSW
- AirSens
- PresSW Cool
- Air Flo Sens/Ctrl
- WaterRiSens
- TotAirSys (Total Air)
- TotAirSys (Gamma)
- Gas generator
- RefrDry
- DesicDry
- HiPolymDry
- MainFiltr**
- Dischrg etc
- Ending

MEDIUM MAIN LINE FILTER AF2 SERIES

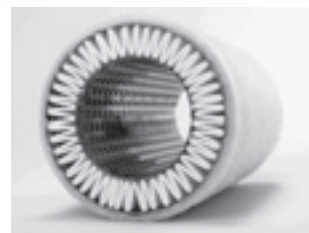
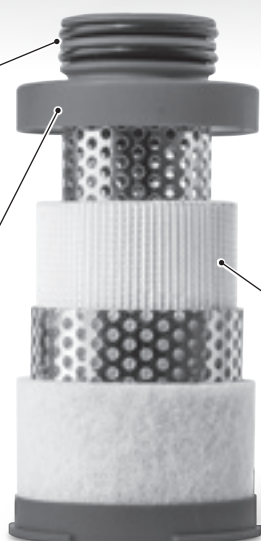
Internal filter structure

Double seal structure

Realizes high sealing performance.

Colored end cap

Elements are easily identifiable due to the different colors assigned to each type.



Pleated structure

With a large filtration area, the capacity for catching impurities is increased. Pressure loss reduction and compactness are realized with this element.

Conventional product



Conventional element where water and oil are adhering to the material, causing pressure loss

AF2 Series



With hydrophobic/lipophobic borosilicate media, pressure loss is minimized.

AF2 Series variation

Removal of oil content (oil mist)

Removal of solids

Protects expensive pneumatic components.

- Removal of particles 1 μm and over
- Secondary side oil concentration
Removes oil down to 0.3 mg/m³ (21°C)
- End cap color: Red



P-Type

Highly efficient removal of oil contents (oil mist)

Highly efficient removal of solids

For pneumatic circuits which prohibit passage of oil.

- Removal of particles 0.01 μm and over
- Secondary side oil concentration
Removes oil down to 0.01 mg/m³ (21°C)
- End cap color: Blue



M-Type

Removal of oil vapor

Removal of odors

For pneumatic circuits which prohibit passage of odors.

- Suction by activated carbon
- Secondary side oil concentration
Removes oil vapor and odors up to 0.003 mg/m³ (21°C)
- End cap color: Black



X-Type

F.R.L.
F.R.
F (Filtr)
R (Reg)
L (Lub)
Drain Separ
Mech Press SW
Res press exh valve
SlowStart
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Film Resist FR
Oil-ProhR
Med Press FR
No Cu/ PTFE FRL
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