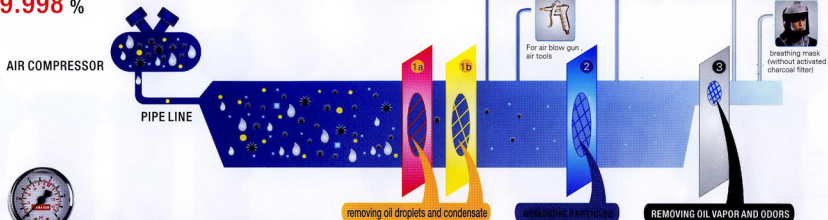


PROFESSIONAL AIR FILTER

Filtering particles less than **0.01** microns

Providing clean compressed air - with a separation

degree of **99.998** %



Air couplers: G 1/2" F

Outlet connectors: G 1/2" F

Outlet connectors: G 1/4" M

Air Pressure regulator

Automatic condensation discharge valve:

The automatic discharge valve works upon the vertical filter. The valve closes when pressure of the filter inlet less than 1 bar. Input the compressed air slowly to the valve when the work beginning (should not input the compressed air rapidly, to avoid of the spare parts broken caused by the impacting of compressed air flow). Then adjust the working pressure. It's manual discharge when screwing counterclockwise to the end; it's automatic discharge when screwing clockwise to the end. Finally, connect with the soft hose and conduct the condensation oil and water to container (to avoid of the pollution of the working environment).

THE GRAPHIC ILLUSTRATION FOR THE FUNCTION OF STANDARD 3 STAGES AIR FILTER:

Stage 1 : REMOVING OIL DROPLETS AND CONDENSATE

- 1a Cyclone separator: removing oil droplets and condensate
- 1b Sintered filter: separating particles greater than 5 microns, reusable filter elements, and automatic condensation discharge. (has to be cleaned every 6 months)

Stage 2: REMOVING PARTICLES

- 2 Fine filter cartridge: separating particles greater than 0.01 microns. (has to be replaced when the pressure indication difference of these 2 gauges is more than 0.8BAR)

Stage 3: REMOVING OIL VAPOR AND ODORS.

- 3 Activated charcoal filter: removing particles (less than 0.01 microns), removing oil vapor and organic odors. (Has to be replaced every 3 months)

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