

# Compressed Air Filter

This compressed air filter is designed for the precise filtration of contaminants, moisture, and oil aerosols. It ensures clean, dry compressed air to maintain the optimal performance of pneumatic equipment and processes.



## Overview

### High-Efficiency Compressed Air Filtration

This industrial-grade compressed air filter is engineered to provide precise removal of moisture, dust particles, and oil mist. Utilizing advanced filtration mechanics including inertia, diffusion, and gravitation, it ensures the delivery of clean, dry air to enhance the operational reliability of pneumatic devices. The unit is available in four distinct grades to suit varied air quality requirements.

## Operating Conditions

### Running Pressure

**0.2 MPa**  
Min Pressure

**1 MPa**  
Max Pressure

### Max Intake Temperature

85 °C

### Drainage Device

Automatic, Electronic

## Filtration Performance

### Filtration Grades Table

Grade	Dust Concentration	Oil Content
C (Main Line)	d 5 $\mu$	d 5 $\mu$ m
T (Main Line)	d 1 $\mu$	d 1 $\mu$ m
A (Deoil)	d 0.01 $\mu$	d 0.01 $\mu$ m
H (Steam Sep)	d 0.01 $\mu$	d 0.001 $\mu$ m