



Compressor Filter

Product Name: Air filter for screw air compressor, Replacement Air

Compressor filter, Air Filter C20500

Filtration Efficiency: 99%

Porosity: 3 microns

Diesel engine filter: Diesel oil filter

Cylinder: Cylinder ASM Assembly

Three Filter: air compressor

Valve: Temperature control valve

Warranty: 2 years

Certification: CE/ASME/ISO

Colour: Optional & customization

Local Service Location: Philippines, Mexico, Russia

1. Applicable Industries:

Our air compressors cater to a diverse range of industries, including Industrial Equipment, Printing Services, Pipelines, Power Plants, Oil & Gas, Oil Refineries, Coating, Painting, Plastics, Steel Industry, Rubber, Mechanical, Blow Moulding, Colour Sorter Machines, Shipyards, Sandblasting, Metallurgy, and more.

Each industry requires specific types of air compressors. Please share your application areas and specific conditions so that we can recommend the most suitable products tailored to your needs.

2. High-Efficiency Precision Filter for Air Compressors:

This filter features a high-density, extruded aluminium shell with anti-rust treatment on the positive electrode and a forced venting device design. The filter media is exclusively designed and manufactured by DH Company. The inner layer consists of "boron silicon micro-glass," which actively removes moisture, while the outer layer is composed of silicone-free foam cotton, effectively isolating clean air from absorbed pollutants.

3. Separation Filter (Grade C):

This filter is designed to efficiently remove a significant amount of liquid and filter agglomerations down to 3 microns, achieving a maximum residual oil content of 5 ppm w/w.

4. Supervisor Filter (Grade T):

- This filter accommodates large volumes of liquid and condensate particles down to 1 micron, with a maximum residual oil content of 1.0 ppm w/w.
- Both internal and external filter cores are corrosion-resistant, utilizing a two-stage filtration process.
- The first stage employs a stringy medium and a net filter to capture larger particles, serving as a pre-filter before air enters the second stage.
- The second stage features a multi-layer mixed fibre media that effectively filters out smaller aggregates.

5. Depth Filter (Grade A):

This high-performance filter is designed to eliminate trace oil and gas in compressed air down to 0.01 ppm and impurity particles to 0.01 microns, ensuring compliance with high-quality compressed air standards.

Furthermore, it is capable of filtering liquids and solids as small as 0.01 microns, achieving a remarkably low residual oil content of only 0.001 ppm, while effectively removing moisture, dust, and oil.

6. Compressed air purification system flow chart:

