

## Self-Cleaning Compressed Air Filter

Compressed Air Filters











## Product Description

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Demargo (Shanghai) Energy Saving Technology Co.,Ltd-Compressed Air Purification Solutions

Our self-cleaning compressed air filters are designed to continuously remove dust, oil, water droplets and solid impurities from compressed air systems, ensuring stable air quality and uninterrupted production.

### Application Industries

Widely applied in petroleum & chemical, textile, electronics, pharmaceutical, food & beverage, automotive manufacturing, spray painting, pneumatic machinery, power plants, general industry and other fields.

### Custom Configuration Service

Please provide us with your compressed air flow rate, working pressure, filtration grade, pipeline size and working environment. Our technical team will recommend the most suitable model and solution for you.

### Optional Materials & Components

- Filter housing: carbon steel, stainless steel 304 / 316L
- Filter element: high-efficiency fiberglass, polyester
- Control system: pneumatic control, electric automatic control
- Drainage: electronic auto drain valve
- Pressure gauge, differential pressure indicator
- Custom voltage for global markets

#### **Main Features**

- Automatic self-cleaning function, no need for frequent manual replacement
- Low pressure drop, high filtration efficiency
- Stable performance, long service life
- Easy installation and maintenance
- High reliability for continuous working conditions

For more models, parameters and customized solutions, please contact us for details.

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## **Refrigerated Air Dryer & Desiccant Air Dryer - Demargo**

Demargo (Shanghai) Energy-Saving Technology Co., Ltd. is a national high-tech enterprise and a Shanghai "Specialized, Refined, Characteristic and Innovative" enterprise, devoting itself to the R&D, production, sales and after-sales service of compressed air purification equipment for 19 years. With a firm commitment to energy conservation, environmental protection and technological innovation, we have grown into a leading manufacturer in the air compression post-treatment industry, providing high-quality, customized solutions for global industrial customers.

Our core strength lies in strong technological research and development capabilities. Up to now, we have owned 24 authorized patents and 22 patents under application, covering key technologies of air drying and purification equipment, which effectively guarantees the stability and energy efficiency of our products. We have passed ISO9001 and QS certifications, and our products comply with international industrial standards, with dew point ranging from -23°C to -70°C, air treatment capacity of 1~500Nm<sup>3</sup>/min, and outlet oil content as low as 0.003PPM, reaching the industry-leading precision level.

We boast a comprehensive and diverse product portfolio, covering more than 60 product categories, including 21 standard products and a variety of non-standard customized products that lead the industry. Our main products include air compressors and their accessories, air receivers, refrigerated dryers (including plate heat exchanger type, high-temperature air-cooled type, DC inverter type, etc.), adsorption dryers, combined dryers, heat of compression adsorption dryers, filters, zero-air-consumption blower-heated dryers, self-cleaning air filters, compressed air pre-cooling units, low-temperature high-pressure nitrogen pre-cooling units, industrial chillers, oil-water separators, oil removers and aftercoolers, etc.. We support 12 types of product configurations such as air-cooled/water-cooled, fluorine-free/high-temperature, inverter/explosion-proof, and can provide intelligent solutions such as industrial computer and programmable control according to customer needs.

With excellent product quality and professional service, we have won wide recognition in the global market. Our customers are distributed in more than 20 countries and regions around the world, including Brazil, Australia, etc., and we have established in-depth cooperation with more than 20 OEM manufacturers and 2299 brand agents. Our annual output reaches 9,682 sets, and the cumulative sales volume exceeds 100,000 sets, which fully demonstrates the market influence and customer trust in our brand.

Customer-centricity is our consistent service philosophy. We provide a full-cycle service system from pre-sales design, in-sales installation to after-sales maintenance: we promise 30-minute response, 24-hour online guidance and 48-hour on-site service, and ensure spare parts supply response within 24 hours, effectively solving the worries of customers in product use. We are committed to tailoring the most suitable compressed air purification solutions for customers in more than 30 industries such as power, aerospace, electronics, and chemical industry, helping enterprises reduce energy consumption, improve production efficiency and product quality.

Looking forward to the future, Demargo will continue to increase R&D investment, accelerate technological innovation, expand the global market layout, and strive to become a world-class provider of compressed air purification and energy-saving solutions. We sincerely look forward to cooperating with partners from all over the world to jointly promote the development of the global industrial energy-saving and environmental protection industry!

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