

ZQZF Series Filter

Steam Precision Purification · System Reliable Protection

Specialized solution for steam, compressed air, and process gas filtration using sintered metal elements. Operates at 16bar pressure with 1-10µm accuracy, providing reliable protection for downstream equipment with minimal pressure loss.



Core Challenges

- Protecting precision equipment from particle damage
- Maintaining system pressure and energy efficiency
- Adapting to high temperature/pressure conditions
- Simplifying installation and long-term maintenance

Key Features

- Sintered metal elements for strength and durability
- Low pressure drop design for energy savings
- High temperature/pressure resistance
- Compact design for easy installation

Applications

- Steam systems: Boiler output, distribution networks
- Compressed air: Main line filtration, instrument air
- Process gases: Natural gas, hydrogen, nitrogen, CO2
- Energy systems: Gas turbine intake, cogeneration
- General industrial gas protection

Value

Ensures gas purity and system stability while reducing maintenance needs and operational costs, becoming a standard for industrial gas system protection.



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CUSTOM DESIGN AND MANUFACTURING AVAILABLE

Model of Filter	Model of Cartridge	Housing size	Inlet/Outlet	Qty of Cartridge	Size of Cartridge	Flow Rate t/h
105	F05	Ø108x130	DN20	1	125	40
110	F10	Ø108x260	DN25	1	250	80
120	F20	Ø108x520	DN50	1	500	160
310	F10	Ø219x260	DN50	3	250	240
320	F20	Ø219x520	DN65	3	500	480
520	F20	Ø273x520	DN65	5	500	800
720	F20	Ø325x520	DN65	7	500	1120