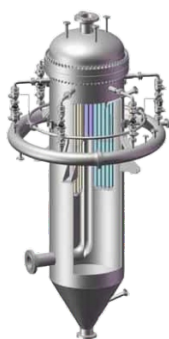


QGZF Series Filter

High-Temperature Resistance · Precision Interception · Continuous Operation

Designed for extreme gas-solid separation at 300-800°C using sintered metal/ceramic elements. Combines high precision, low pressure drop, and online blowback regeneration for reliable high-temperature process gas purification.



Core Challenges

- Material failure under extreme temperatures
- High pressure loss in precision filtration
- Frequent clogging requiring shutdowns
- Demanding reliability in corrosive/dusty conditions

Key Features

- Sintered metal/ceramic elements withstand 800°C
- Low pressure drop with high filtration efficiency
- Online blowback regeneration for continuous operation
- Excellent thermal/chemical stability

Applications

- Powder handling: Silo venting, conveying systems
- Gasification: Syngas filtration for turbines/catalysts
- Industrial furnaces: Steel, cement, glass flue gas
- Waste-to-energy: Incineration flue gas treatment
- Pyrolysis: Plastic/rubber processing gas cleaning

Value

Delivers stable, maintenance-free performance in extreme conditions, ensuring process efficiency and emission compliance.



QGZF Series

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
QG600	F750	DN600X800	DN50	27	Ø60	150
QG800	F750	DN800X800	DN65	58	Ø60	350
QG1000	F750	DN1000X800	DN80	89	Ø60	500
QG1200	F1500	DN1200X2000	DN150	94	Ø60	2000
QG1600	F1500	DN1600X2000	DN200	172	Ø60	3700
QG1800	F1500	DN1800X2200	DN250	210	Ø60	4500
QG2000	F3000	DN2000X3500	DN350	260	Ø60	12000
QG2600	F3000	DN2600X3500	DN400	330	Ø60	15000
QG3000	F3000	DN3000X4000	DN500	420	Ø60	20000