

## Stainless steel gas filter HQ Series

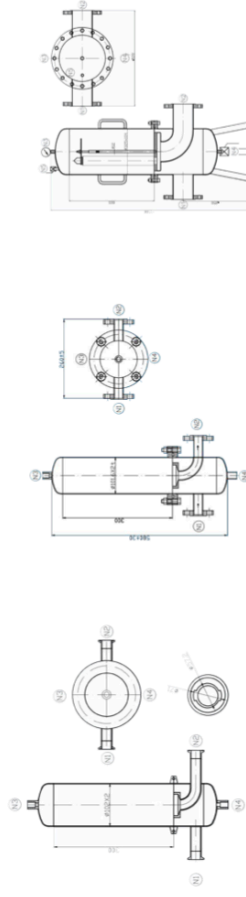
The stainless steel gas filter is specially designed and manufactured for gas filtration. It can be used in sterile gas and fermentation gas filtration with PTFE gas sterilization filter cartridge or glass fiber filter cartridge. The filter cartridge is lined with stainless steel, which can withstand high temperature gas filtration, high accuracy, high flow to ensure filtration efficiency and cost of use.



### Product Specification

Housing material	304;316L
Exhaust valve / Drain valve	304;316L
Clamp / Facing screw	304
Supporting feet	304
Seal ring / gasket	Silicone , Viton, EPDM, PTFE
Design pressure	0.6-1Mpa (According to the design requirements)
Maximum working temperature	80°C
Cylinder connection	Flange / Quick opening
Input /output	Quick opening / Flange
Exhaust valve / Drain valve	1" ball valve
Pressure gauge	M14*1.5"
Polishing type	Mechanical polishing、 Electrolytic polishing
Polishing accuracy	Internal Ra <0.60 μm and external Ra <0.80 μm

### Dimensional Drawing



Single-core gas filter

Single-core gas filter

Multi-core gas filter

### Ordering Information

HQ1 HQD 1 2 3 4 5 6 7 8 9

Block 1	Block 2	Block 3	Block 4	Block 5
Material	Quantity of filter cartridge	End cap type (Filter cartridge)	Length (Filter cartridge)	Cylinder Connector
04=304	01=1Pcs	H=226	05=5inch	K=Quick opening
06=316L	03=3Pcs		10=10inch	F=Flange
	05=5Pcs		20=20inch	
	07=7Pcs		30=30inch	
	09=9Pcs			
	11=11Pcs			
Block 6	Block 7	Block 8	Block 9	Block 9
Input/output Connector Type	O-ring Seal Material	Input/output Connector Diameter	Surface Treatment (internal)	
K=Quick opening	S=Silicone	K25=φ25 (5-10inch)	A=Mechanical polishing	
F=Flange	E=EPDM	F25=Flange DN25	B=Electrolytic polishing	
	V=Viton	F32=Flange DN32		
	D=E-FKM	F40=Flange DN40		
		F50=Flange DN50		
		F65=Flange DN65		
		F80=Flange DN80		
		F100=Flange DN100		