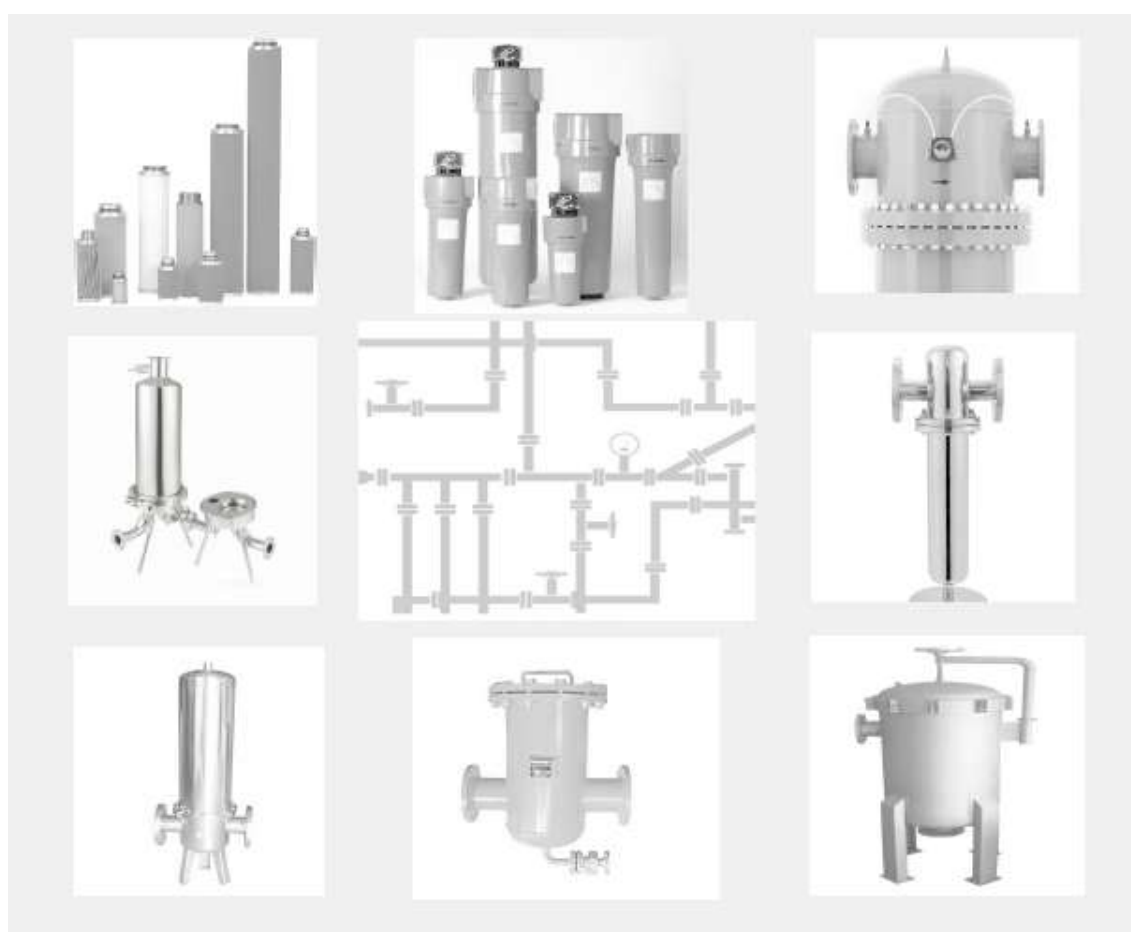




WUXI NICEAIR INDUSTRY
PURIFICATION EQUIPEMNT CO.,LTD.



Just for your niceair

www.niceair.cn



FOCUS ON THE DEVELOPMENT AND MANUFACTURE
OF INDUSTRIAL COMPRESSED AIR PURIFICATION EQUIPMENT



We are the manufacturer for filters and filter elements from China. Our factory was founded in 2010. Since the establishment of the factory. We have been committed to solve the problem of industrial purification for customers. To provide customers with the best purification solution, this is always our purpose.

Our main products include:

- Compressed air filter,
- Compressed air filter element
- vacuum pumps filter element
- Cyclone separation filter
- Gas drying equipment,
- High pressure filter,
- Stainless steel gas filter,
- Stainless steel liquid filter
- Natural gas filter
- Bag filter
- Muffler

• We can manufacture products based on customer drawings. Or design and manufacture purification products according to customers' requirements

After years of efforts. We have accumulated a wealth of product design and manufacturing experience. We are confident to help customers improve product quality and reduce costs.

HIGH PRESSURE FILTER

Product profile

The higher the pressure is, the higher the requirements are for compressed gases and compressed liquids filtration. With a very robust housing and high-quality filter elements, the high pressure filters provide a variety of technical and economical advantages for reliable separation of solid contaminants, aerosols, oil vapours and odours.

The housing, filter element caps and support cylinders of our high-pressure filters are made of stainless steel - for good reasons: This design enables us to prevent corrosion and guarantee exceptionally long service life, even with aggressive condensates. the high pressure filters are available for the pressure stages 20- 350 bar. The perfect solution for every requirement.

Technical parameters

- Interface form: Screw thread, Flange, SEA flange
- INLET&OUTLET: 1/8"-2"
- Filtration precision: 0.01um-500um
- Working pressure: 2-35MPa
- Working temperature: < 100°C
- Sealing gasket: Nitrile butadiene rubber, Fluorine rubber
- Filter element material: Polyester, Fiberglass, SS304, SS316
- Filter housing material: SS304, SS316L

Application field

- Compressed air
- Compressed natural gas
- Compressed nitrogen
- Compressed hydrogen
- Water
- Hydraulic oil

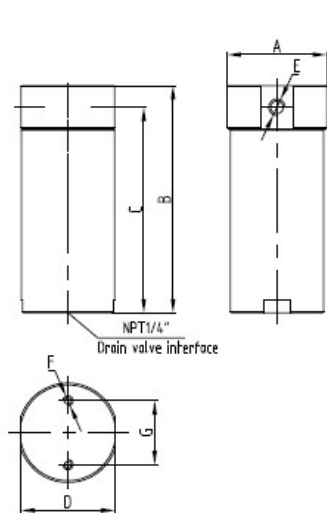


Chart-1

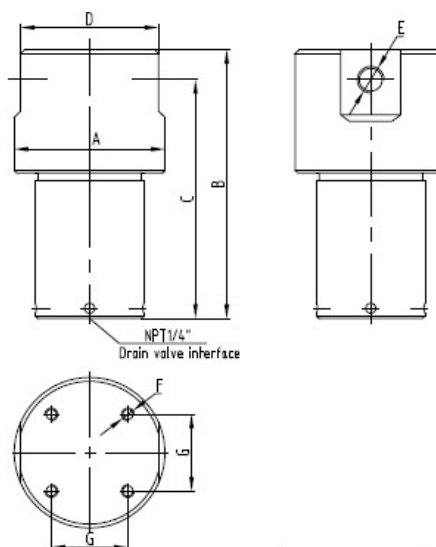


Chart-2

Flow Rate (Nm ³ /min)						
Model	Working Pressure					
	11 MPa	14 MPa	21 MPa	24 MPa	31 MPa	35 MPa
NAHF-001x	4	6	10	12	15	17
NAHF-002x	9	12	18	20	25	30
NAHF-003x	25	35	45	55	65	75
NAHF-004x	35	45	64	75	100	110
NAHF-005x	65	90	130	150	200	220
NAHF-006x	100	135	200	230	300	340

Dimension								
Model	A	B	C	D	E	F	G	Chart
NAHF-001x	78	178	161	73	NPT 1/4"	2-M8	50	1
NAHF-002x	118	210	187	108	NPT 1/2"	4-M10	60×60	2
NAHF-003x	143	350	316	132	NPT 3/4"	4-M10	70×70	
NAHF-004x	143	350	316	132	NPT 1"	4-M10	70×70	
NAHF-005x	167	500	458	152	NPT 1-1/2"	4-M12	90×90	
NAHF-006x	207	500	550	189	NPT 2"	4-M12	110×110	

TECHNICAL DETAILS	
Working medium	Compressed air/Nitrogen/Natural gas...
Working pressure	≤ 30 MPa
Working temperature	≤ 65℃
Filter housing material	SS304/SS316L

Filter Grade x			
Grade x	Minimal solid particle size	Residual oil content	Remark
C	3μm	5	
T	1μm	1	
A	0.01μm	0.01	
H	/	Smell remover	Activated carbon



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