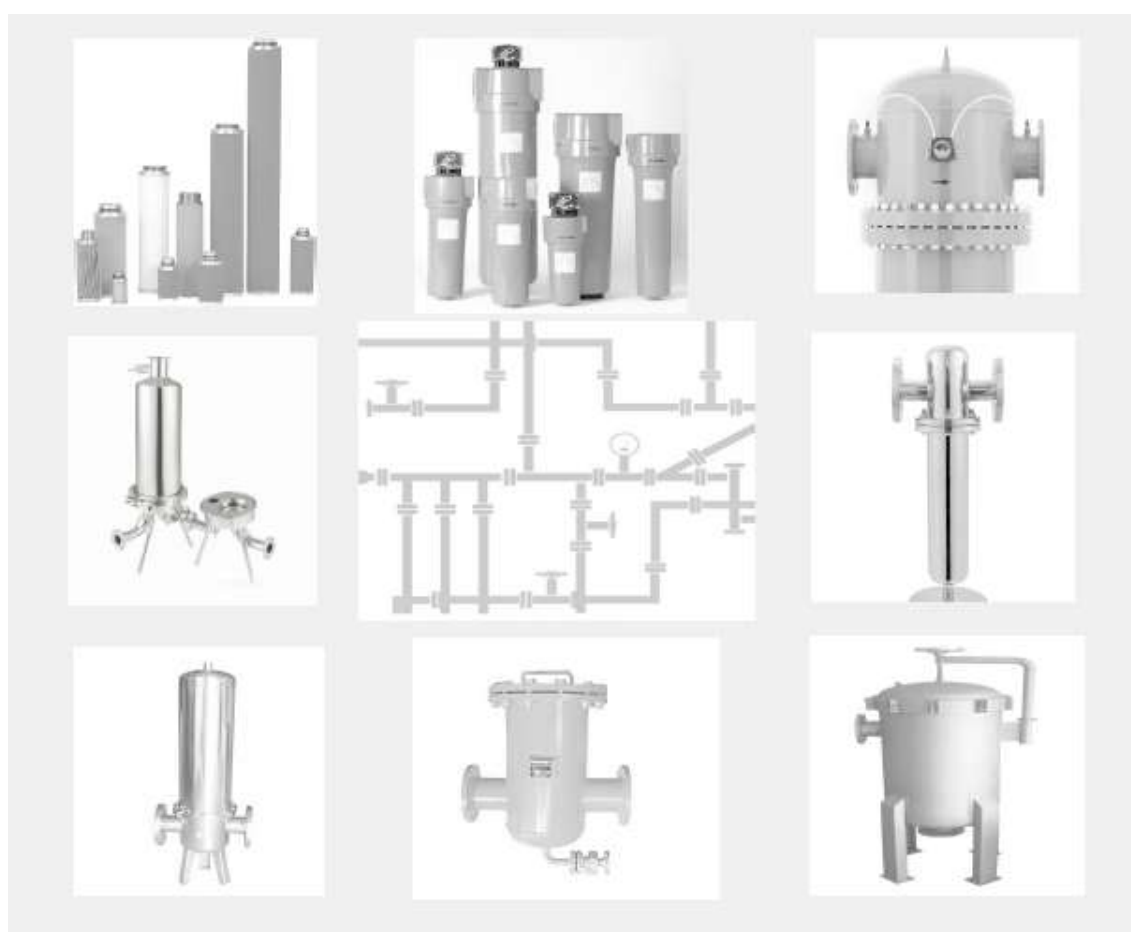




WUXI NICEAIR INDUSTRY
PURIFICATION EQUIPEMNT CO.,LTD.



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.

COMPRESSED AIR FILTER

Product profile

Compressed air is a safe and reliable power source widely used in industrial activities. It is estimated that about 90 per cent of enterprises use compressed air in all areas where they operate. However, unlike gas, water and electricity, compressed air is made on site, and users can control the quality and operation cost of compressed air. Compressed air is not a source of power without problems. In practice, all systems experience performance and stability problems, but almost all of these problems can be attributed to pollution. These main sources of pollution are: water vapor condensate water mist (aerosol dust atmospheric dust microorganism rust pipe spalling liquid oil oil mist (aerosol, oil vapor). The biggest pollution in compressed air is from the air inhaled by the compressor and not from the compressor itself. The largest and most troublesome pollutant is water, which accounts for about 99.9 percent of the liquid contaminants found in compressed air systems. High efficiency compressed air filtration technology can not only remove solid particles and oil, but also remove water mist, which is the key to running an efficient and cost-effective compressed air system.

Technical parameters

- Working pressure: 0.3~ 9.9MPa
- Filtration precision: ~0.01um
- Residual oil content: ~0.001ppm
- Interface form: Screw thread. Flange
- INLET & OUTLET: DN15~DN300
- The flange standard: HG GB SH HG JB ANSI JIS
- Working temperature: ≤75°C
- Filter element material: Fiberglass. SS304. SS316. Polyester. Polypropylene. Acticarbon. Metal sintered filter element
- Filter housing material: Cast aluminium. Carbon steel. SS304, SS316L

Application field

- Compressed air pipeline
- Nitrogen pipeline
- Chemical plant, power plant, coal mine
- Electronics factory , hospital , etc

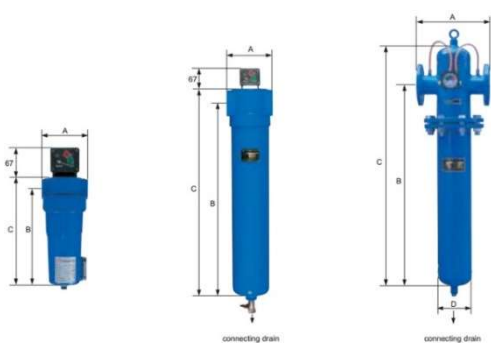


chart 1-Aluminium-silicon body

chart 2-The cap is made of aluminium-silicon

chart 3-Flange

• • •	Flow rate Nm³/min	Connections	Dimensions(mm)				Element	Quantity of elements	Housing material	Chart
			A	B	C	D	Model			
-007	0.7	1/2"	90	230	255	/	007	1	AL	chart1
-015	1.5	3/4"&1"	90	230	255	/	015	1		
-024	2.4	1 1/2"	110	345	378	/	024	1		
-035	3.5	1 1/2"	110	345	378	/	035	1		
-060	6	1 1/2"	110	474	507	/	060	1		
-090	9	2"	150	500	550	/	090	1		
-120	12	2" or 2 1/2"	150	750	800	/	120	1		
-150	15	2" or 2 1/2"	150	800	850	/	150	1		
-140	14	2 1/2"	150	650	700	133	E-40	1	AL+CS	chart2
-180	18	2 1/2"	150	800	850	133	E-44	1		
-180F	18	DN80	336	940	1120	150	E-44	1	CS	chart3
-220F	22	DN80	336	940	1120	150	E-48	1		
-360F	36	DN100	500	1050	1250	200	E-44	2		
-540F	54	DN100	500	1050	1250	250	E-44	3		
-720F	72	DN125	560	921	1217	350	E-44	4		
-900F	90	DN150	640	115	1450	350	E-44	5		
-1100F	110	DN150	700	1130	1565	400	E-44	6		
-1300F	130	DN200	762	1170	1470	450	E-44	7		
-1450F	145	DN200	762	1170	1470	450	E-44	8		
-1650F	165	DN200	816	1231	1654	500	E-44	9		
-1800F	180	DN200	816	1231	1654	500	E-44	10		
-2000F	200	DN200	816	1231	1654	500	E-44	11		

TECHNICAL DETAILS					
Grade*	C	T	A	AA	H
Particle removal (μm)	3	1	0.01	0.01	Carbon
Max Oil Carryover(ppm)	5	1	0.01	0.001	0.03
Max. working temp(℃)	65				
Initial Pressure Loss(mbar)	50				
Pressure loss for Element change(MPa)	0.07				
Max.working pre(MPa)	1.6				
Filtration material	Borosilicate fibre glass				Carbon

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