LEFILTER®

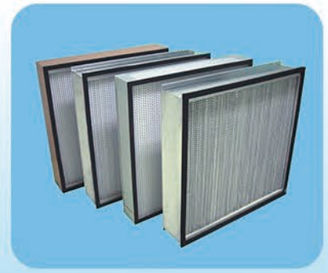
Stock name:Xinxiang Filter Stock code:837936

LEFILTER®

Integrity Management
Pursue Excellence

TO THE WORLD

Purify Environment
Serve Community



ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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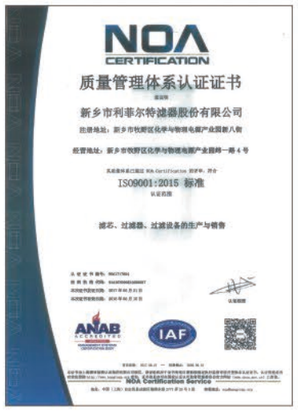
Company Profile

Xinxiang Lifeierte Filter Corp., Ltd is specialized in manufacturing oil filters,air filters,water filters and hydraulic parts.

Located in Xinxiang, “center of filtration in China.”Lefilter integrates with oil filtration, water treatment and air purification to provide the society with more professional service and meet customers’ demands.Lifeierte has top-notch R&D team, professional technical team, effective production network and after-sales service system. The philosophy of Lifeierte is “Purify Enviroment,Serve Community,Intergrity Management,Pursue for Excellence”.

Lifeierte also established comprehensive cooperative relations with some famous design & research institutions and colleges. The quality of the product has reached the international advanced level.

After fast development,Lifeierte now is a public listed company,stock code:837936,stock name:Xinxiang Filter.We’ll continue to providing best quality and service for you.


NOA CERTIFICATION

质量管理体系认证证书

新乡市利菲尔特滤器股份有限公司

ISO9001:2015 标准

滤芯、过滤器、过滤设备的生产与销售

ANAB IAF

NOA Certification Service


NOA CERTIFICATION

QUALITY MANAGEMENT SYSTEM CERTIFICATE

XinxiangLifeierte Filter Corp., Ltd.

ISO9001:2015

for the

Manufacture and sale of filter cartridge, filter housing and filter equipment

ANAB IAF

NOA Certification Service

7 testing standards are satisfied by the products

ISO2941... filter elements— the testing for the cracking resistance

ISO2942... filter elements—the identifying for the structural integrity

ISO2943... filter elements—the identifying for the compatibility between material and the liquid

ISO3723... filter elements—the testing method for the end load of filter elements

ISO3724... filter elements—the identifying for the fatigue properties of the filter elements

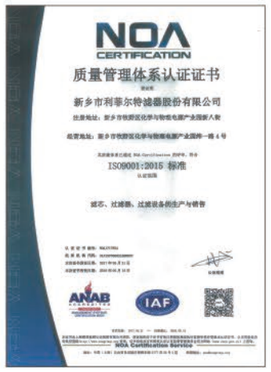
ISO3968... filter elements—the testing for determination of pressure differential/flow characteristics

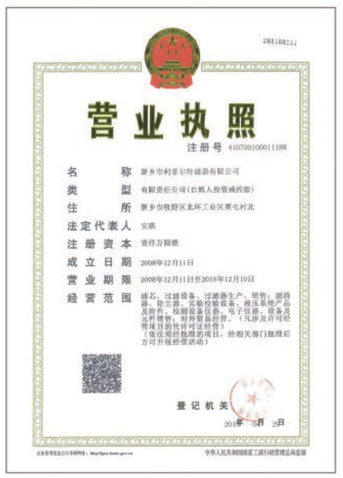
ISO4572... filter elements—the testing for the multi-pass method for evaluating filtration performance.

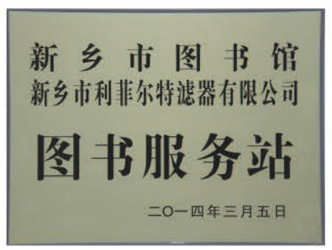
LEFILTER®

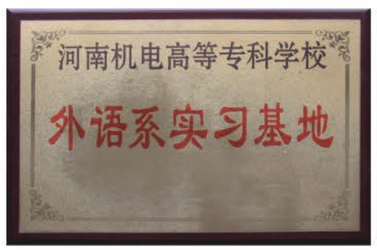
Purify Environment Serve Community
Integrity Management Pursue Excellence

Enterprise Qualification









Air Compressor Filters

Ingersoll Rand Equivalent—Oil&Gas Separators

Introduction

The material of Oil Mist Separator filter element is made of superfine glass fiber of HV and Lydall companies in America. Oil-gas mist in the compressed air can be completely filtered through the Oil Mist Separator.

- Oil content of compressed air: 3~6PPm Oil-gas granule of compressed air: ≤ 0.1μm Oil filtering efficiency:99%
- Service life of the filter element: 3500~5200h (greatly affected by the quality of the lubricating oil and the working environment)
- Initial PSID (Pounds per Square Inch Differential): ≤0. 02Mpa
- Lubricating oil should be controlled at prescribed position, which is commonly at 1/2~2/3 of the Oil Mist Separator.
- Secondary oil return pipe and one way valve should be kept unimpeded and in the prescribed position.
- Exhaust steam pressure should be adjusted to the prescribed value.
- Make sure the air compressor works at proper temperature and the pressure valve is in good condition.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
XF30S	54595442	200	160	LF30117160
P600SCU	92699198	305	205	LF30227250
M22	39751391	194	216	LF30117216
M37	92754688	194	232	LF30117232
HPE300	39863899	431	412	LF30237413

Ingersoll Rand Equivalent—Air Filters

Introduction

The material of filter element of Air Filter is made of wood pulp filter paper of HV Company in America and Ahlstrom Company in Korea. Impurities such as suspended particles, sand, water and oil-gas mist in the air can be filtered through the Air Filter.

- Air filtering accuracy: ≤10μm Air filtering efficiency: 98%
- Service life of the air filter element: about 2000h
- Back blow regularly.
- The air input capacity of the filter must outnumber the capacity of the host machine.
- Air filter with low air intake resistance and high dust containing capacity is preferred.
- For longevity, please store the filter in dry and airy spaces.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
UPS22	89295976	119	134	LFA40411134
30S	42855429	130	123	LFA40313098
M55	39708446	268	125	LFA40427125
75S	42855403	268	251	LFA40427251
M90	39903281	380	178	LFA40438178

Ingersoll Rand Equivalent—Oil Filters

Introduction

The material of Lubrication oil filter element is made of superfine glass fiber of HV Company in America or wood pulp filter paper of Ahlstrom Company in Korea. Impurities such as suspended particles and oil residue in the lubrication oil can be removed, which are in protection of the host machine.

- Filtering accuracy: 10~15μm
- Service life of the lubrication oil filter element: about 2000h
- Apply lubrication oil to the gasket during installation.
- Inferior or mismatched lubrication oil will lead to formation of carbon, which consequently results in short service life of the filter.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Screw	Goods No of us
USP22	54672654/B	94	212	1-12UNF	LFO50109212
M22/30S/ML37	39907175	94	212	1-12UNF	LFO50109212
M55	39911631	118	283	13/4-12UNF	LFO50111280
75S	42843797	135	200	M38×1.5	LFO50113200
150S	42843805	135	302	M38×1.5	LFO50113302/2

Atlas Copco Equivalent—Oil&Gas Separators

Introduction

The material of Oil Mist Separator filter is made of superfine glass fiber of HV and Lydall companies in America. Oil-gas mist in the compressed air can be completely filtered through the Oil Mist Separator.

- Oil content of compressed air: 3~6PPm Oil-gas granule of compressed air: ≤ 0. 1μm Oil filtering efficiency:99%
- Service life of the filter element: 3500~5200h (greatly affected by the quality of the lubricating oil and the working environment)
- Initial PSID (Pounds per Square Inch Differential): ≤0. 02Mpa
- Lubricating oil should be controlled at prescribed position, which is commonly at 1/2~2/3 of the Oil Mist Separator.
- Secondary oil return pipe and one way valve should be kept unimpeded and in the prescribed position.
- Exhaust steam pressure should be adjusted to the prescribed value.
- Make sure the air compressor works at proper temperature and the pressure valve is in good condition.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
GA11/15/18/22	1612386900	220	250	LF30313250
GA11/15/18/22	1613750200	240	175	LF30313175
GA30/37/45	1613243300	300	300	LF30317300
GA37+	1622314000	300	250	LF30717250
GA90/110	1614905400	596	280	LF30335280

Atlas Copco Equivalent—Air Filters

Introduction

The material of filter element of Air Filter is made of wood pulp filter paper of HV Company in America and Ahlstrom Company in Korea. Impurities such as suspended particles, sand, water and oil-gas mist in the air can be filtered through the Air Filter.

- Air filtering accuracy: ≤10μm Air filtering efficiency: 98%
- Service life of the air filter element: about 2000h
- Back blow regularly.
- The air input capacity of the filter must outnumber the capacity of the main machine.
- Air filter with low air intake resistance and high dust containing capacity is preferred.
- For longevity, please store the filter in dry and airy spaces.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
GX5/7/11C	1613900100	100	80	LFA40410080
GA55	1613950100	246	365	LFA40324325
GA37	1619279700	166	340	LFA40116340
GA30/37/10BAR	1613740700	159	375	LFA40315340
GA37+	1622185501	230	360	LFA40323325

Atlas Copco Equivalent—Oil Filters

Introduction

The material of Lubrication oil filter element is made of superfine glass fiber of HV Company in America or wood pulp filter paper of Ahlstrom Company in Korea. Impurities such as suspended particles and oil residue in the lubrication oil can be removed, which are in protection of the main machine.

- Filtering accuracy: 10~15μm Oil filtering efficiency:99%
- Service life of the lubrication oil filter element: about 2000h
- Apply lubrication oil to the gasket during installation.
- Inferior or mismatched lubrication oil will lead to formation of carbon, which consequently results in short service life of the filter.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Screw	Goods No of us
GA5/7/11C	1513033700	76	126	3/4-16UNF	LFO50107126
GA11~GA160	1613610500	94	212	1-12UNF	LFO50109212
GA220~GA250	1614727300	108	260	1 1/8-16UN	LFO50110260
GA37+	1622314200	84.5	173		LFO50208173
GA75+	1622365200	84.5	346		LFO50208346

Fusheng Equivalent—Oil&Gas Separators

Introduction

The material of Oil Mist Separator filter is made of superfine glass fiber of HV and Lydall companies in America. Oil-gas mist in the compressed air can be completely filtered through the Separator.

- Oil content of compressed air: 3~6PPm Oil-gas granule of compressed air: ≤ 0. 1μm Oil filtering efficiency:99%
- Service life of the filter element: 3500~5200h (greatly affected by the quality of the lubricating oil and the working environment)
- Initial PSID (Pounds per Square Inch Differential): ≤0. 02Mpa
- Lubricating oil should be controlled at prescribed position, which is commonly at 1/2~2/3 of the Oil Mist Separator.
- Secondary oil return pipe and one way valve should be kept unimpeded and in the prescribed position.
- Exhaust steam pressure should be adjusted to the prescribed value.
- Make sure the air compressor works at proper temperature and the pressure valve is in good condition.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
SA-220	71121311-46910 71152-46910 91108-022		260	LF30010260
SA230A	91101-020	200	230	LF30117230
SA5150W	91101-150旧	355	660	LF30130661
SA-20W/132W	91111-001新	355	400	LF30130400
SP526/530	91111-008	355	600	LF30130600
SA-220/250W	91111-009新	500	600	LF30140600

Fusheng Equivalent—Air Filters

Introduction

The material of filter element of Air Filter is made of wood pulp filter paper of HV Company in America and Ahlstrom Company in Korea. Impurities such as suspended particles, sand, water and oil-gas mist in the air can be filtered through the Air Filter.

- Air filtering accuracy: ≤10μm Air filtering efficiency: 98%
- Service life of the air filter element: about 2000h
- Backblow regularly.
- The air input capacity of the filter must outnumber the capacity of the host machine.
- Air filter with low air intake resistance and high dust containing capacity is preferred.
- For longevity, please store the filter in dry and airy spaces.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
SA220A~230A	71151-66010 71121111-66010	200	180	LFA40120180
SA-110/120	71101-66010 71151171-66010	242	484	LFA40124484
SA-55/75/60	71106-66010C 71142273-66010	200	360	LFA40120361
SA-3斜面	94203-410	159	340	LFA40315340
GD-250W	71188-2117151 711623E1-2117151	295	400	LFA40129400

Fusheng Equivalent—Oil Filters

Introduction

The material of Lubrication oil filter is made of superfine glass fiber of HV Company in America or wood pulp filter paper of Ahlstrom Company in Korea. Impurities such as suspended particles and oil residue in the lubrication oil can be removed, which are in protection of the host machine.

- Filtering accuracy: 10~15μm
- Service life of the lubrication oil filter element: about 2000h
- Apply lubrication oil to the gasket during installation.
- Inferior or mismatched lubrication oil will lead to the formation of carbon, which consequently results in short service life of the filter.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Screw	Goods No of us
GD250W	71188-201EDM369	78	225		LFO50207225
GD250W	71188-300ETY369	78	345		LFO50207345
GD250W	711823E1-2118345-P	78	300		LFO50207300
SA220/230/340/350 /475/4100/4125	91107-012 71151-46950 71121111-48120	94	212	1-12UNF	LFO50109212
SA5175W/5200W/5250W /5300W/5350W	91107-032 9610321-23600-M1	135	302	1 1/2-16UNF	LFO50113302

Liutech Equivalent—Oil&Gas Separators

Introduction

The material of Oil Mist Separator filter is made of superfine glass fiber of HV and Lydall companies in America. Oil-gas mist in the compressed air can be completely filtered through the filter element of the Oil Mist Separator.

- Oil content of compressed air: 3~6PPm Oil-gas granule of compressed air: ≤ 0.1μm
- Service life of the filter element: 3500~5200h (greatly affected by the quality of the lubricating oil and the working environment)
- Initial PSID (Pounds per Square Inch Differential): ≤0.02Mpa
- Lubricating oil should be controlled at prescribed position, which is commonly at 1/2~2/3 of the Oil Mist Separator.
- Secondary oil return pipe and one way valve should be kept unimpeded and in the prescribed position.
- Exhaust steam pressure should be adjusted to the prescribed value.
- Make sure the air compressor works at proper temperature and the pressure valve is in good condition.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
LU510-5.5~7.5A	DF5010(LB719/2)		127	LF30007126
LU710-18.5~22A	2205406507		302	LF30013302
LU910-30~37WA	2205406506	200	230	LF30117231
LU1500-160WA	2205406502	325	500	LF30127501
LU-250W	2205490416	595	545	

Liutech Equivalent—Air Filters

Introduction

The material of filter element of Air Filter is made of wood pulp filter paper of HV Company in America and Ahlstrom Company in Korea. Impurities such as suspended particles, sand, water and oil-gas mist in the air can be filtered through the filter element of the Air Filter.

- Air filtering accuracy: ≤10μm Air filtering efficiency: 98%
- Service life of the air filter element: about 2000h
- Backblow regularly.
- The air input capacity of the filter must outnumber the capacity of the host machine.
- Air filter with low air intake resistance and high dust containing capacity is preferred.
- For longevity, please store the filter in dry and airy spaces.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
LU510-5.5~7.5A LU610-11~15A	KLZ02-01	110	135	LFA40111135
LU710-`8.5~22A	KLZ04-01	140	295	LFA40114295
LU910-75WA	KLZ12-01	300	165	LFA40130165
LU1500-100V132WA LU1500-160WA	2205433806	300	428	LFA40530428
LU2000-200~250WA LU2000-315~355WA	KLZ30-01	300	620	LFA40130620

Liutech Equivalent—Oil Filters

Introduction

The material of Lubrication oil filter is made of superfine glass fiber of HV Company in America or wood pulp filter paper of Ahlstrom Company in Korea. Impurities such as suspended particles and oil residue in the lubrication oil can be removed, which are in protection of the host machine.

- Filtering accuracy: 10~15μm
- Service life of the lubrication oil filter element: about 2000h
- Apply lubrication oil to the gasket during installation.
- Inferior or mismatched lubrication oil will lead to formation of carbon, which consequently results in short service life of the filter.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Screw	Goods No of us
LU510-5.5~7.5A LU610-11~15A	2205400004	96	142	1-12UNF	LFO50109142
LU710-18.5~22A	2205400005	96	212	1-12UNF	LFO50109212
LU910-30~37WA LU910-45~55WA	LW1317	135	177	1 1/2-16UNF	LFO50113177
LU910-65~75WA	2205431900	135	302	1 1/2-16UNF	LFO50113302

Sullair Equivalent—Oil&Gas Separators

Introduction

The material of Oil Mist Separator filter is made of superfine glass fiber of HV and Lydall companies in America. Oil-gas mist in the compressed air can be completely filtered through the filter element of the Oil Mist Separator.

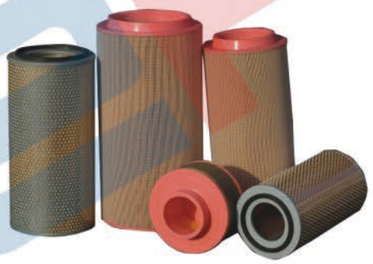
- Qil content of compressed air: 3~6PPm, Oil-gas granule of compressed air: ≤ 0.1μm
- Service life of the filter element: 3500~5200h (greatly affected by the quality of the lubricating oil and the working environment)
- Initial PSID (Pounds per Square Inch Differential): ≤0.02Mpa
- Lubricating oil should be controlled at prescribed position, which is commonly at 1/2~2/3 of the Oil Mist Separator /oil sight glass.
- Secondary oil return pipe and one way valve should be kept unimpeded and in the prescribed position.
- Exhaust steam pressure should be adjusted to the prescribed value.
- Make sure the air compressor works at proper temperature and the pressure valve is in good condition.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
25 40	250034-112 250034-114	200 200	175 245	LF30217175 LF30217245
50 60	250034-116 250042-862	270 270	405 360	LF30221405 LF30210360
100	02250061-137 02250061-138	270 270	405 360	LF30221405 LF30210360
LS12	02250100-755 02250100-756	350 350	280 235	LF30427280 LF30414235
150	250034-085 02250048-734	350 350	620 460	LF30227620 LF30214460

Sullair Equivalent—Air Filters

Introduction

The material of filter element of Air Filter is made of wood pulp filter paper of HV Company in America and Ahlstrom Company in Korea. Impurities such as suspended particles, water and oil-gas mist in the air can be filtered through the filter element of the Air Filter.



- Air filtering accuracy: ≤10μm, Air filtering efficiency: 98%
- Service life of the air filter element: about 2000h
- Backblow regularly.
- The air input capacity of the filter must outnumber the capacity of the host machine.
- Air filter with low air intake resistance and high dust containing capacity is preferred.
- For longevity, please store the filter in dry and airy spaces.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
25	043334	133	280	LFA40113280
30	042445	198	100	LFA40119100
50	49301	174	407	LFA40117407
75	40899	250	135	LFA40425135
150	409853 409854	290 175	395 356	LFA40129395 LFA40117356

SullairEquivalent—Oil Filters

Introduction

The material of Lubrication oil filter is made of superfine glass fiber of HV Company in America or wood pulp filter paper of Ahlstrom Company in Korea. Impurities such as suspended particles and oil residue in the lubrication oil can be removed, which is in protection of the host machine.

- Filtering accuracy: 10~15μm
- Service life of the lubrication oil filter element: about 2000h
- Apply lubrication oil to the gasket during installation.
- Inferior or mismatched lubrication oil will lead to formation of carbon, which consequently results in shorten the service life of the filter.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Screw	Goods No of us
25~40	250025-525	118	155	1 5/8-11	LFO50111155
50~150	250025-526	118	285	1 5/8-11	LFO50111285
LS20S	02250139-996	97	499		LFO50209499
200~350	250008-956	370	114		LFO50211370

Compair Equivalent—Oil&Gas Separators

Introduction

The material of Oil Mist Separator filter is made of superfine glass fiber of HV and Lydall companies in America. Oil-gas mist in the compressed air can be completely filtered through the filter element of the Oil Mist Separator.

- Qil content of compressed air: 3~6PPm, Oil-gas granule of compressed air: ≤ 0. 1μm
- Service life of the filter element: 3500~5200h (greatly affected by the quality of the lubricating oil and the working environment)
- Initial PSID (Pounds per Square Inch Differential): ≤0. 02Mpa
- Lubricating oil should be controlled at prescribed position, which is commonly at 1/2~2/3 of the Oil Mist Separator.
- Secondary oil return pipe and one way valve should be kept unimpeded and in the prescribed position.
- Exhaust steam pressure should be adjusted to the prescribed value.
- Make sure the air compressor works at proper temperature and the pressure valve is in good condition.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
707 PUAS	59177	70	205	LF30570204
715 PUAS	70539	70	205	LF30570205
822 PUAS	59180	70	255	LF30570255
6050N	98262/194	200	250	LF30817250
6100N	98262/26	355	450	LF30830451

Compair Equivalent—Air Filters

Introduction

The material of filter element of Air Filter is made of wood pulp filter paper of HV Company in America and Ahlstrom Company in Korea. Impurities such as suspended particles, sand, water and oil-gas mist in the air can be filtered through the filter element of the Air Filter.

- Air filtering accuracy: ≤10μm, Air filtering efficiency: 98%
- Service life of the air filter element: about 2000h
- Backblow regularly.
- The air input capacity of the filter must outnumber the capacity of the host machine.
- Air filter with low air intake resistance and high dust containing capacity is preferred.
- For longevity, please store the filter in dry and airy spaces.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Goods No of us
707 PUAS 715 PUAS	50273	260	82	LFA40426082
822 PUAS	50332	350	77	LFA40435077
RALLYE070-112	29504376	196	407	LFA40319368
6075N	98262/170	198	361	LFA40119361
6150N	C11158/1390	242	484	LFA40124484

Compair Equivalent—Oil Filters

Introduction

The material of Lubrication oil filter is made of superfine glass fiber of HV Company in America or wood pulp filter paper of Ahlstrom Company in Korea. Impurities such as suspended particles and oil residue in the lubrication oil can be removed, which is in protection of the host machine.

- Filtering accuracy: 10~15μm
- Service life of the lubrication oil filter element: about 2000h
- Apply lubrication oil to the gasket during installation.
- Inferior or mismatched lubrication oil will lead to formation of carbon, which consequently results in short service life of the filter.

Model	OriginalP/N	External diameter (mm)	Height (mm)	Screw	Goods No of us
715 PUAS	56457	94	97	3/4-16UNF	LFO50109097
822 PUAS 830 PUAS	57562	94	142	1-12UNF	LFO50109142
837 PUAS	59946	94	212	1-12UNF	LFO50109212
6100N/6150N/ 6180N/6220N	98262/219	108	260	1 1/8-16UNF	LFO50110260
Sirius250	04425274	135	302	1 1/2-16UNF	LFO50113302

The Operating Principle Of Oil Separation

The compressed air from compressor carries many oil drops. While big oil drops can easily be separated by oil-gas separator, small ones (suspending oil particles whose diameters are below 1μm) can be filtered by micron level glass fiber filter in the filter element.

Through the diffusion of the filter and inertia collision agglomeration mechanism, oil particles are intercepted and agglomerate into big oil drops by gravity at the bottom of oil separation core, and then are returned to nose lubrication system through siphon by oil return pipe in order to make compressor expel cleaner and oilless compressed air.

The solid particles in the compressed air are detained in the filter layer when passing through oil separation core, which can cause the increasing differential pressure. And with longer service time, the filter element must be changed when the differential pressure reaches 0.08-0.1MPa, or it can increase the running cost (power consumption).

The Points For Attention Of Oil–gas Separator Installation

a) Apply lubrication oil to the surface of sealing element during installation.
b) For the rotary oil-gas separator, just tighten it clockwise.
c) For internal oil-gas separator, the flange gasket must install conducting strip or use graphite strip.
d) For internal oil-gas separator, also pay attention to oil return pipe stretching to the bottom between 2 ~3mm.
e) Pay attention to overpressure when uninstall.
f) Can't spray directly at oil-gas separator core with compressed air containing oil.

The oil-gas separator is the key part of air compressor. Its performance will influence the compressor's effective power, oil consumption and stabilization, cleanness, desiccation of the output airflow. Under the correct installation and usage, the high quality oil-gas separator will not only ensure the high quality compressed air, but also can be used for satisfying service life.

The common oil-gas separator can be divided into 2 kinds: A. External (spin to install like filter). B. Internal (without flange, there are two types one end and two ends. With flange, there are types with no holes, with holes, with gap, etc.)

The compressed air from compressor carries many oil drops. While big oil drops can be separated by Atlas oil-gas separator easily, small ones (suspending oil particles) can be filtered by micron level glass fiber filter in the filter element

We choose the most advanced antiseptic high-efficiency superfine fiber agglomeration materials as our main filtration, which is composed of pre filter layer, superfine fiber layer, supporting layer, gravity layer, etc. It can filter all solid particles which are bigger than 3μm, while for very tiny oil-gas dissolutions (about 0.01-1μm), when filtered, they agglomerate into big oil drops at the bottom, and then returned to lubrication system through siphon by oil return pipe in order to make compressor expel cleaner and oilless compressed air.

Owning advanced and professional processing and testing equipment and standard detection means meeting ISO8573, we are specialized in manufacturing oil-gas separation component. Absorbing the essence of foreign oil separation filter, our products adopt the oil-gas separation core which is made by imported filter material and can take place of equivalent imported substitutes. The products whose index has reached the international advanced level are accepted by most domestic compressor users. And our company working for most compressor manufacturers can also provide high quality and reliable oil-gas separation component for imported helical-lobe compressor users.

Compressed Air Filters

Filter Type	Flow Rate NM³/min	connected dimension	Filter element type	Filter element amount
XF*-16	1	1/2"	E*-16	1
XF*-20	1.72	1"	E*-20	1
XF*-24	2.9	1-1/2"	E*-24	1
XF*-28	4.9	1-1/2"	E*-28	1
XF*-32	7.2	1-1/2"	E*-32	1
XF*-36	10.7	2"	E*-36	1
XF*-40	14	2"	E*-40	1
XF*-44	17.7	DN65	E*-44	1
XF*-48	22	DN80	E*-48	1
XF*-56	36	DN100	E*-44	2
XF*-60	54	DN100	E*-44	3
XF*-64	72	DN100	E*-44	4
XF*-68	90	DN125	E*-44	5
XF*-70	108	DN125	E*-44	6
XF*-72	126	DN150	E*-44	7
XF*-73	144	DN150	E*-44	8
XF*-74	162	DN150	E*-44	9
XF*-75	180	DN150	E*-44	10
XF*-76	198	DN150	E*-44	11
XF*-80	252	DN150	E*-44	14

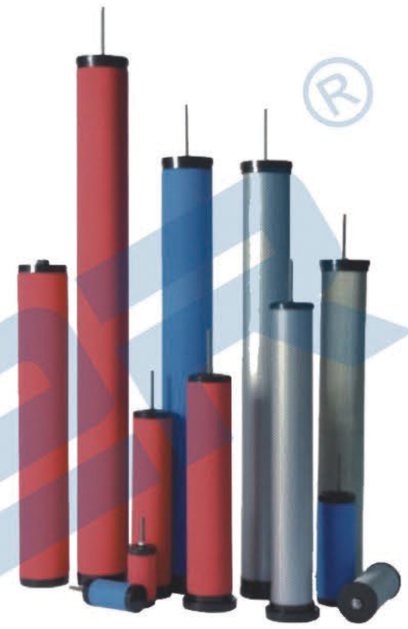
Tips: *refers to the precision of the filter

Correction Coefficient Of The Operating Pressure

In order to ascertain the maximum flow rate, the flow rate from the above table can be find out, and multiply the figure by the correction coefficient which corresponds to the minimum inlet pressure of the filter, and the pressure of which is not at 7 KGF/cm (bar). Select filter not according to the pipe size, but according to the flow rate and operating pressure.

minimum inlet pressure kgf/cm²(bar)	2	3	4	5	6	7	8	9	10	12	14	16	18	20	21
correction coefficient	0.38	0.50	0.62	0.75	0.87	1.00	1.12	1.24	1.37	1.62	1.86	2.11	2.36	2.61	2.73

Hankison Filter Equivalent



New Types

Flow rate NM³/min	E1 Oil moving and deodorization filter element	E3 Super oil removal filter element	E5 oil removal filter element	E7 Vent pipe fliter element	E9 separator-filter element
0.57	E1-12	E3-12	E5-12	E7-12	E9-12
1	E1-16	E3-16	E5-16	E7-16	E9-16
1.72	E1-20	E3-20	E5-20	E7-20	E9-20
2.9	E1-24	E3-24	E5-24	E7-24	E9-24
4.9	E1-28	E3-28	E5-28	E7-28	E9-28
7.2	E1-32	E3-32	E5-32	E7-32	E9-32
11	E1-36	E3-36	E5-36	E7-36	E9-36
14	E1-40	E3-40	E5-40	E7-40	E9-40
18	E1-44	E3-44	E5-44	E7-44	E9-44
22	E1-48	E3-48	E5-48	E7-48	E9-48

Precision(um)	Oil Residue Component(ppm)
E1:0.01	0.001
E3:0.01	0.001
E5:0.01	0.01
E7:1	1
E9:3	5

Old Types

Flow rate NM³/min	C Level	T Level	A Level	H Level
0.5	07，4442-01	0731-4	0713-3	0715-3
2~3	07，4444-01	0731-5	0713-5	0715-5
6	07，4445-01	0731-6	0713-6	0715-6
8	07，4446-01	0731-7	0713-7	0715-7
10~12	07，444-01	0731-8	0713-11	0715-11
15	07，4447-01	0731-8	0713-11(2pcs)	0715-11(2pcs)
20	07，4447-01(2pcs)	0731-9	0713-11(3pcs)	0715-11(3pcs)

Precision(um)	Oil Residue Component(ppm)
C level : 3	5
T level : 1	1
A level : 0.01	0.01
H level : 0.01	0.001

Compatibility JM Equivalent

Flow rate NM³/min	Model
1	001ES
2	002E
4	004E
7	007ES
7	007E
13	013E
20	020E
30	030E

Precision(um)	Oil Residue Component(ppm)
C Level : 3	3
T Level : 1	1
A Level : 0.01	0.01
H Level : 0.01	0.003

Parker Equivalent

Model Flow rate NM³/min	C Level/QU Level oil removal filter element	P level dedusting filter element	AU level adsorption filter element
0.4	C10-25	P10-25	AU10-25
1.4	C10-50	P10-50	AU10-50
2.8	C15-60	P15-60	AU15-60
4	C15-95	P15-95	AU15-95
6	C20-130	P20-130	AU20-130
7	C25-130	P25-130	AU25-130
12	C25-187	P25-187	AU25-187
17	C25-235	P25-235	AU25-235
20	C25-280	P25-280	AU25-280
28	QU35-280	P35-280	AU35-280
40	QU51-280	P51-280	AU51-280
56	QU85-250	P85-250	AU85-250
80	QU85-360	P85-360	AU85-360

Domnick Hunter Equivalent

Flow rate NM³/min	Model
0.5	K009
1	K017
3.6	K030
4.8	K058
7.2	K145
8.7	K145
12	K220
13.2	K220
20	K330
24	K430
25.8	K430
40	K620

Precision μm	Oil Residue Component(ppm)
PF Level:25	
AO Level : 1	1
AA Level : 0.01	0.01
AX Level : : 0.01	0.001
ACS Level : 0.01 (activated carbon)	0.001
AR Level : 1(dedusting)	
AAR Level : 0.01 (dedusting)	

New Models

K015	K020	K030	K035
K040	K045	K050	K055

Hiross Equivalent

Flow rate NM³/min	Model
0.4	004
0.7	007
1	009
1.5	015
2.4	024
3.5	035
6	060
9	090
12	120
15	150
24	240

Precision(μm)	Oil Residue Component(ppm)
Q Level : 5	5
P Level : 1	1
S Level : 0.01	0.01
C Level : 0.01	0.003

ORION Equivalent

Flow rate NM³/min	Model
0.35	75
1.2	150
1.8	200
3.9	400
6.6	700
10.6	1000
13.8	1300
20	2000

Precision(μm)	Oil Residue Component(ppm)
ELS Level : 1	1
EMS Level : 0.01	0.01
EKS Level (Active carbon filter) : 0.01	0.003
EOL/EOM/EOK Level can be customized	
The model of the compatible filter is same as the original one.	

Ultrafilter Equivalent

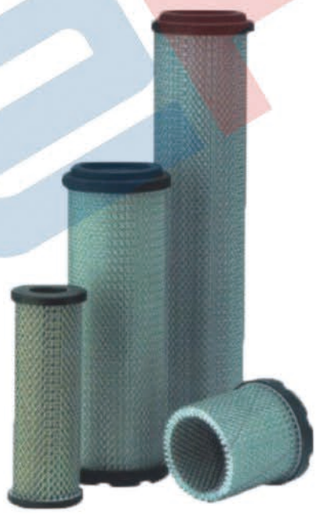
Flow rate NM³/min	Model
0.016	02/05
0.5	03/05
1	03/10
1.5	04/10
2	04/20
3	05/20
4.5	05/25
6	07/25
7	05/30
8	07/30
12	10/30
18	15/30
24	20/30
32	30/30
48	30/50

Precision(μm)	Oil Residue Component(ppm)
PE Level : 25,5,1	5
SB Level : 50,25,5	
FF Level : 0.01	1
MF Level : 0.01	0.03
SMF Level : 0.01	0.01
AK Level (activated carbon) : 0.01	0.003
P-SRF(sterilization type)	

Zander Equivalent

Flow rate NM³/min	Model
0.5	1030
0.85	1050
1.2	1070
1.7	1140
3	2010
5	2020
7.8	2030
11.7	2050
16	3050
24~26	3075
32~37	5060
40~46	5075

Precision(μm)	Oil Residue Component(ppm)
V Level : 3	5
Z Level : 1	0.5
Y Level : 0.1	0.1
X Level : 0.01	0.01
A Level : 0.01	0.003



BEA Equivalent

Flow rate NM³/min	Model
0.5	ARS-30
1.7	ARS-100
3	ARS-180
4.8	ARS-290
7.7	ARS-460
10.2	ARS-610
15.5	ARS-930
17.5	ARS-1050
23.3	ARS-1400

Precision(μm)	Oil Residue Component(ppm)
RB Level : 1	0.1
RA Level : 0.01	0.01
CA Level : 0.01	0.003
RF Level (dedusting) : 1	

Atlas Copco Equivalent

Flow rate NM³/min	Model
0.54	009
1.03	017
1.92	032
2.64	044
3.6	060
7.2	120
9	150
10.5	175
15.6	260
23.4	390
31.2	520

Precision(μm)	Oil Residue Component(ppm)
DD(DDP):1	1
PD:0.01	0.01
QD:0.01	0.003

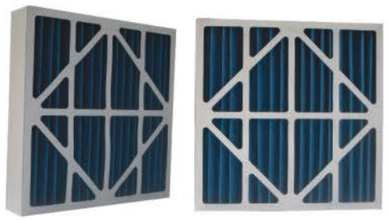
Air Filter

Panel Filter

Chemical fiber filter, efficiency specifications: G3-G4.

Aluminum frame can be cleaned and can automatically change filter material; paper frame is disposable

It is generally used in simple first-level filtering air conditioning and ventilation system.



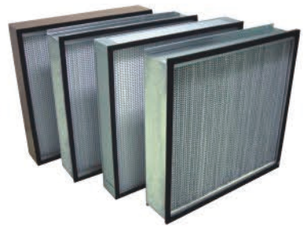
Specifications:

595x595x46（G3、G4）	290x595x46（G3、G4）
595x595x96（G3、G4）	290x595x96（G3、G4）

High– temperature Resistant Plate Filter

Glass fiber filter material, efficiency specifications: G2-F6, metal frame, long glass fiber, replaceable filter material.

It is generally used in coarse dust filtration and high temperature oven in Automobile Coating Factory



Specifications:

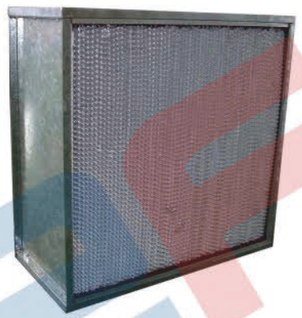
595x595x46（G3、G4）	290x595x46（G3、G4）
595x595x96（G3、G4）	290x595x96（G3、G4）

High Efficiency Filter

Pleat HEPA filter: classic high efficiency filters, efficiency specifications： 99. 99%（sodium flame method）

No Pleat HEPA filter: clean room terminal HEPA filter, efficiency specifications: 99.95%, 99.995%, 99.9995% (MPPS). International general specification, imported high- quality glass fiber filter paper.

Generally used in clean programs of each industry filtration, air conditioning of special requirements and processing air supply system.



Specifications:

610x610x150	305x610x150	915x610x150	1219x610x150
610x610x292	305x610x292	915x610x292	1219x610x292
320x320x220	484x484x220	726x848x220	968x484x220
630x630x220	315x630x220	945x630x220	1260x630x220

305x305x70	305x610x70	610x610x70	762x610x70
915x610x70	1219x610x70		
305x305x90	305x610x90	610x610x90	762x610x90
915x610x90	1219x610x90		

Compaction Fold Filter (Type V)

Chemical fiber filter material, efficiency specifications: F7— H10, burnt 100%;

Imported glass fiber filter material, efficiency specifications F6-F8, H10;

High strength, and used in inlet of the air filter of gas turbine and compressor.

Generally used in central air conditioning and industrial ventilation system.

Common specifications:

592x592x292	287x592x292	490x592x292

Multi–bag Filters

Imported glass fiber filter material, efficiency specifications: F5-F8, commonly used, long service life, stable performance, traditional product;

Imported chemical fiber filter material, efficiency specifications: F5-F8, environmental protection, flame retardant, popular nowadays.

The primarily-efficient f bag filter, efficiency specifications G3-G4, washable and cheap.

It is generally used in central air conditioning and central ventilation system

Specifications:

Tpye / Grade	3bag type	4bag type	5bag type	6bag type	8bag type	9bag type	10bag type	12bag type
G3、G4	287x592x350		490x592x350	592x592x350		897x592x350		
F5	287x592x60		490x592x600	592x592x500				
			490x592x500	592x592x600				
F6		287x592x650	287x592x650	287x592x650	592x592x650		592x592x650	
		287x592x550		490x592x650				
				490x592x550				
F7		287x592x650	287x592x650	287x592x650	592x592x650		592x592x650	
		287x592x550		490x592x650				
				490x592x550				
F8		287x592x650	287x592x650	287x592x650	592x592x650		592x592x650	592x592x650
		287x592x550		490x592x650				
				490x592x550				

Filter Cartridge Series

Polyester Fiber Air Filter Cartridge

It is made of imported polyester fiber filter material and used in the fields such as powder spraying, sandblasting, paint, wood, and cement.

Coated Polyester Air Filter Cartridge

It is made of imported PTFE coated polyester filter material and it has a long service life, which can up to 2 to 3 years in common operating conditions. It is applied in the filtration in such areas like the weld dust, shot peening casting, pharmacy, cement, tobacco, textile (e.g. yarn for prevention of coal ash) industries.

Antistatic Filter Cartridge

The filter cartridge is treated with anti-static aluminum coating, which is covering the surface of the filter material with a very thin conductive aluminum coating with air permeable, to avoid electrostatic fire. It is used for dust removal in the explosion-proof working conditions.

Water–proof And Oil–proof Filter Cartridge

The filter cartridge is treated by covering the filter material with a layer of fluorine resin to prevent water, oil and pollution. It is used for filtering wet, greasy or high-concentration dust. It has a better effect on large-size dry dust.

Wood Pulp Fiber Air Filter Cartridge

It uses air filtration composite filter paper which applied in the filtrating fields such as gas turbine, compressor, sandblasting, tobacco, fly ash and dust removal.

Specifications

Model	Outside diameter of the upper-lid	Inside diameter of the upper-lid	Outside diameter of the bottom lid	Diameter of the installation holes	Height
LFK 3266	Φ324	Φ213	Φ324	Φ14	660
LFK 3275	Φ324	Φ213	Φ324	Φ14	750
LFK 32100	Φ324	Φ213	Φ324	Φ14	1000
LFK 3566	Φ352	Φ241	Φ352	Φ16	660
LFK 3575	Φ352	Φ241	Φ352	Φ16	750
LFK 35100	Φ352	Φ241	Φ352	Φ16	1000

Application of the Single Filter Bag

The Cement Industry

1. The head and tail of the rotary kiln: It generally uses high temperature bag (glass fiber mat, fluorine mae).
2. Shaft kiln: glass fiber filter bags are generally used.
3. Others: Polyester needle-punched felt, waterproof and oil-resistant needle-punched felt and antistatic needle-punched felt are used.

Metallurgical Industry

(1) Dust removal of the blast furnace gas: Fluorine needle-punched mat is commonly used.

(2) Dust removal of the taphole: Polyester needle-punched felt is generally used.

Steelworks: Polyester needle-punched felt (or mat) or coating needle-punched felt (or mat) is used by electric furnace or converter.

Sintering plants:

(1) Head of the sintering machine: High-temperature glass fiber needle-punched felt is commonly used.

(2) Tail the sintering machine: Polyester needle-punched felt (or mat) or coating needle-punched felt (or mat) is used.

Power Industry

Dust removal of the boiler in the power plant: Imported PPS (polyphenylene sulfide) needle felt is generally used, but some manufacturers also use imported glass fiber coated filter bag or METAX filter bag.

Carbon Black Industry

Generally used is glass fiber needle felt with PTFE post-processing, but sometimes bulk yarn glass fiber filter bag is also used.

Calcium Carbide And Ferroalloy Industry

Glass fiber filter bag is commonly used, but sometimes fluorine mae filter bag or glass fiber mat filter bag is also used.

Common specifications are as follows, but special size can be customized.

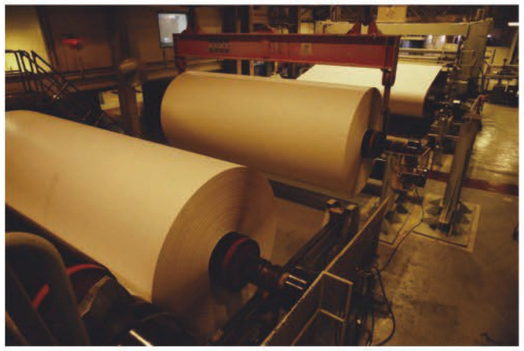
133*1000	133*1500	133*2000	133*2450	133*3000
160*1500	160*3000	160*6000	300*2000	600*4000

Customize as your required sizes

The above are commonly used products. As for other special industries, on-site visit will be needed and the choice can also be made according to the bag material used before. Anyway we will make every effort to achieve accuracy and customize special specifications.

Markets & Applications


Metallurgy


Paper industry


Bio–pharmaceuticals

Aviation


Power plant


Colliery


Textile&chemical fiber


Military industry


Petroleum


Chemical industry


Natural gas


Shipbuilding industry


Water treatment