



GHS-A Series

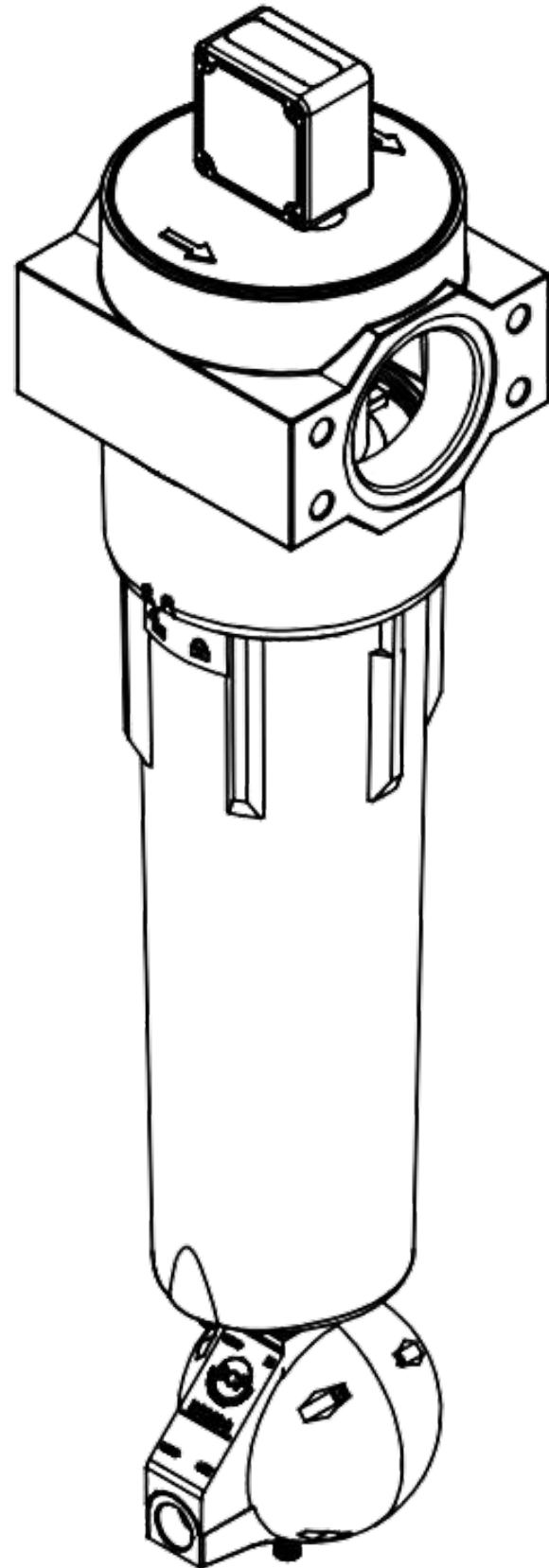
Compressed Air Filters

Rc1/2" to 3", 1.0 to 37.2 m³/min, 16 bar



New Generation: The State of Art Design

- Design with an exquisite and unique appearance.
- All air filter housings are protected by the Alocrome process, making them suitable for use in environments with severe corrosion, such as offshore platforms.
- Patented element end cap with buckle to fix and protect partners' benefits, minimizing turbulence and pressure losses.
- Still use wrap technology to prevent filtration layers from being punctured and maintain a low pressure drop on all compressed air.
- The filter element with stainless steel mesh withstands high differential pressure while minimizing flow restriction.
- A high-efficiency drainage layer improves liquid drainage and enhances chemical compatibility.
- Ergonomic bowl design with no-touch filter element simplifies element replacement.
- Signs of an arrow and a lock are designed in front of the air filter housing to indicate the direction when tighten and loosen.
- Visual bowl automatic drain HAD10B and manual drain valve are optional for discharging accumulated condensate.
- Both sides of air filter housing are designed with connection screw holes require minimal space around the filter, allowing GHS-A Series air filters could be installed easily in a line where other filters won't fit.
- With TUV and in-house test Certificates.



Solve the Air Polluted Problems

Air is compressible; the air compressor does mechanical work to make itself smaller in size, air pressure increase after called compressed air.

Compressed air is an important driving force that is widely used in various industrial fields. All compressed air systems air comes from the atmosphere and the air contains a lot of dust, water vapor and unburned hydrocarbons and bacteria. In addition, the air compressor lubrication system will produce such contaminants. This oil is acidic, inferior and which doesn't have any lubrication, Pipeline corrosion from compressed air distribution system also pollutes the air.

When air is compressed, the contained vapor (including oil vapor and water vapor) and dust concentration will raise sharply, oil, steam concentrate into large globules, mixed with a high concentration of dust particles, forming an

Typically there are different contamination from the below sources, such as atmospheric dirt, water vapor, oil vapor, micro-organism.



Solid particles



Pipe scale



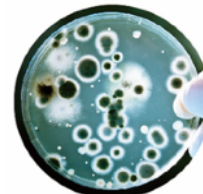
Liquid water



Liquid oil



Oil vapor



Micro-organisms

If there are no quality particulate and coalescing air filters installed, the above-mentioned acidic abrasive sludge will enter your compressed air system, pipeline corrosion, damage pneumatic components and equipment, and influence the final product quality.

Since 1998, Superior Air Filtration Solutions

As a trusted partner to global air compressor manufacturers and distributors, we focus on high-efficiency air filter elements specifically designed for compressed air systems. This series is exclusively developed for GHS-A series compressed air filters, which are engineered to meet the rigorous demands of industrial applications. By incorporating YunAir's high-efficiency air filtration solution into your offerings, you can emphasize your commitment to quality and extend the longevity of your customers' systems.



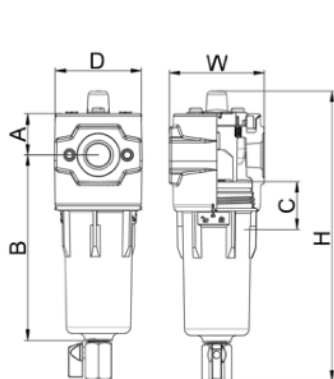
- **PF Coarse Pre-Filtration**
As a primary filter, particles whose diameter down to 5 μm can be removed, the max. residual oil content is negligible. Changed every 6000 hours.
- **AO High Efficiency General Purpose**
High efficiency general protection, dust particles, water mist & oil mist whose diameter down to 1 μm can be removed, the residual content of oil mist does not exceed 0.6 mg/m^3 (21°C), 1ppm(w), changed every 8000 hours.
- **AA High Efficiency Oil Removal Filtration**
Dust particles, water mist and oil mist down to 0.01 μm can be removed, the residual content of oil mist does not exceed 0.01 mg/m^3 (21°C), 0.01ppm(w), changed every 8000 hours.
- **AX Ultra High Efficiency Filtration**
Solid particles, liquids, oil aerosols, odors, and vapors are effectively removed at a high efficiency of 99.99% as small as 0.01 micron, the residual content of oil mist does not exceed 0.001 mg/m^3 (21°C), 0.001ppm(w), changed every 8000 hours.
- **ACS Oil Vapor Reduction**
Activated carbon filter element made from thousands of activated carbon granules of sufficient thickness, giving a superior adsorption capacity on a longer time. Oil vapor & odor can be removed, the max. resident content of oil vapor does not exceed 0.003 mg/m^3 (21°C), 0.003 ppm(w), changed when oil vapor detected.
- **AR General Purpose Dust**
Dry particle removal down to 1 μm , installed after adsorption air dryer, change every 6000 hours.
- **AAR High Efficiency Dust**
Dry particles removal down to 0.01 μm can be removed, installed after adsorption air dryer, change every 6000 hours.

Product Selection

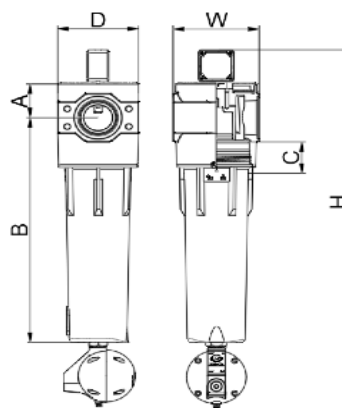
Below flow rates of compressed air are calculated in rated working pressure of 7 bar (100 psi g) with reference to 20 °C.

Model	Inlet/ Outlet (Rc)	Rated Air Flow at 7 bar			Dimensions (mm)					
		L/S	Nm ³ / min	Nm ³ /h	Scfm	Width (W)	Depth (D)	Height (H)	A	B
GHS-A0017	1/2"	16.7	1	60	35.3	90	82	275	39.2	176.9
GHS-A0025	3/4"	25.0	1.5	90	53.0	90	82	275	39.2	176.9
GHS-A0030	1/2"	30.0	1.8	108	63.6	90	82	310	39.2	211.9
GHS-A0035	3/4"	33.3	2	120	70.6	90	82	310	39.2	211.9
GHS-A0058	3/4"	46.7	2.8	168	98.6	120	113	425	55	269.5
GHS-A0068	1"	60.0	3.6	216	127.1	120	113	425	55	269.5
GHS-A0080	1"	80.0	4.8	288	169.5	120	113	525	55	369
GHS-A0145	1-1/2"	120.0	7.2	432	254.3	120	113	525	55	369
GHS-A0220	2"	200.0	12.0	720	423.6	160	151	746	72.5	468
GHS-A0260	2-1/2"	233	14.0	840	494.4	160	151	746	72.5	468
GHS-A0330	2"	267.2	16.0	960.0	564.8	160	151	1026	72.5	748
GHS-A0360	2-1/2"	350.0	21.0	1260.0	741.5	160	151	1026	72.5	748
GHS-A0430	3"	500.0	30.0	1800.0	1059.3	200	186	782	81.5	561.5
GHS-A0620	3"	620.0	37.2	2232.0	1313.6	200	186	1049	81.5	782.5

The max. working pressure: 16 bar, the max. working temperature: 80 °C



• GHS-A017 to GHS-A0145



• GHS-A0220 to GHS-A0620

Pressure	Barg	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Psig	15	29	44	59	73	87	100	116	131	145	160	174	189	203	219	232
Pressure Correction Factor		0.38	0.53	0.65	0.76	0.85	0.93	1.00	1.07	1.13	1.19	1.23	1.31	1.36	1.41	1.46	1.51

Why Partner with Yun Air Technology?

Production & R&D Capability

Backed by over 28 years of deep expertise in R&D, advanced manufacturing, and global marketing, we are a leading authority in compressed air filtration and separation solutions in China.

Competitive Differentiation

Incorporate 16 bar to 50 bar high-efficiency filtration solution into your offerings as a key selling point, demonstrating commitment to quality and system longevity to your customers.

Collaborative Opportunities

Extensive experience supporting OEM partners across the air compressor, color sorter, and sandblasting sectors. Whether you need custom branding, specialized packaging, competitive volume pricing, or deep technical integration, we are here to help you maximize your product value and market margins.

De-Risk Your Global Sourcing

Lower your sourcing risks and procurement costs. With 28+ years of export experience and strong raw material partnerships, we guarantee stable lead times, tariff-optimized solutions, and reliable product quality for your international orders.

OEM Capabilities

When you need a special filter for a unique application, Yun Air experts are ready to work with you. We can tailor a configuration to meet your special need from the wide variety of filter media available. In addition, with LEAN manufacturing, we can produce specials in reasonable quantities, in a reasonable amount of time, at a reasonable price. Not only will this enhance the performance of your product, but it will benefit you with aftermarket sales of replacement elements.

OUR RANGES OF PRODUCTS INCLUDE THE FOLLOWING:

- Compressed air dryers
- Compressed air filters
- Compressed air water separators
- Alternative air filter elements
- Condensate auto drain
- Compressed air accessories
- Portable mask

We reserve the right to make technical changes. Error excepted.



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