

3 to
0.01 micron



SERIES A FILTERS FOR CLEAN COMPRESSED AIR

- › High Effective Filtration Area & High Dirt Holding Capacity
- › Low Pressure Drop Promotes Air System Efficiency
- › Easy & Secure Installation of Filter Elements via Bayonet Type Mounting
- › Versatility in Use 5 Types of Elements available for all Housing sizes
- › Durable Heavy Gauge Aluminum Filter Canisters
- › Reduced Turbulence Rounded Interior Design
- › Corrosion Resistance Chrome-Phosphate Treated





SERIES A FILTERS FOR COMPRESSED AIR

Depending on your application, oil aerosols and small particles of dust and other contaminants can pass through your process line, causing complications downstream. DV Systems' comprehensive line of filters effectively remove up to 99.9% of these impurities, enhancing system performance and reducing downtime.

Aluminum Filter Housings are designed to hold any of our filter cartridge types, ranging from 3 micron pre-filters to ultra fine oil removal filters (0.008 mg/m3).

Five Types of Elements are available for each size of housing:

- > Y - Cyclone Condensate Separator
- > S - 3 Micron Coalescing Separator Filter
- > A - 1 Micron Coalescing Separator Filter
- > E - 0.01 Micron Coalescing Separator Filter
- > V - Activated Carbon Filter



Heavy gauge Aluminum Filter Housings are engineered for easy assembly & disassembly, simplifying filter change-over and maintenance.

All filter cartridges and canisters feature bayonet-type mounting.

S SERIES PRE-FILTERS

3 micron (µm) coalescing filter with new synthetic filter media resulting in cleaner compressed air, and polyester & stainless steel support media, promoting durability in use and an extended useful-life. Removes large liquid loads and particles 3 um in size or larger. Class 6, ISO 8573-1

A SERIES AIR LINE FILTER

1 micron (µm) mechanical coalescing filter removes all liquid water, oil aerosols and solid particles 1 um and larger. Class 2, ISO 8573-1

E SERIES HIGH EFFICIENCY OIL REMOVAL FILTERS

0.01 micron (µm) mechanical coalescing filters remove 99.99+% of oil aerosols, resulting in virtually Class 1, ISO 8573-1 oil-free air.

V SERIES OIL VAPOR REMOVAL FILTERS

Activated carbon adsorbent filter removes oil vapor and odor. Class 1, ISO 8573-1

Y SERIES CONDENSATE SEPARATORS

Cyclone elements used as a first stage condensate separator to reduce an air dryer's workload.

Canister	Gauge*	Auto Drain	CFM	Canister Dim.		3 micron Coalescing Element	1 micron Coalescing Element	0.01 micron Coalescing Element	Carbon Element	Condensate Separators	Pipe Conn.	Weight (lbs.)
				Diam.	Height							
SAF-C-18	SAF-103	SAF-102	18	3.54	8.27	SAF-S-18	SAF-A-18	SAF-E-18	SAF-V-18	SAF-Y-35	3/8"	1.3
SAF-C-35	SAF-103	SAF-102	35	3.54	8.27	SAF-S-35	SAF-A-35	SAF-E-35	SAF-V-35		1/2"	1.3
SAF-C-64	SAF-103	SAF-102	64	3.54	10.83	SAF-S-64	SAF-A-64	SAF-E-64	SAF-V-64	SAF-Y-106	3/4"	1.5
SAF-C-120	SAF-103	SAF-102	120	4.72	11.61	SAF-S-120	SAF-A-120	SAF-E-120	SAF-V-120	SAF-Y-177	1"	2.4
SAF-C-177	SAF-104	SAF-102	177	4.72	11.61	SAF-S-177	SAF-A-177	SAF-E-177	SAF-V-177		1"	2.5
SAF-C-336	SAF-104	SAF-102	336	4.72	11.61	SAF-S-336	SAF-A-336	SAF-E-336	SAF-V-336	SAF-Y-336	1 1/2"	3.0
SAF-C-441	SAF-104	SAF-102	441	6.50	19.29	SAF-S-441	SAF-A-441	SAF-E-441	SAF-V-441	SAF-Y-583	2"	7.9
SAF-C-583	SAF-104	SAF-102	583	6.50	19.29	SAF-S-583	SAF-A-583	SAF-E-583	SAF-V-583		2"	8.2

*SAF-103 Differential Pressure Indicator (18 to 120 CFM) *SAF-104 Differential Pressure Gauge (177 to 583 CFM)

*SAF-105 Electronic Drain Level Sensor 110 Volt (Optional)

Correction Factor for Different Working Pressures

psi	43	57	71	85	100	114	128	142	156	171	185	199	213	228
Factor	0.50	0.63	0.75	0.88	1.00	1.13	1.25	1.38	1.50	1.63	1.75	1.88	2.0	2.13



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