



Series A

FILTERS FOR COMPRESSED AIR BY DEVAIR

Small particles of oil, dust and other contaminants can pass through your process line and cause problems downstream. DeVair's "Series A" filters effectively remove up to 99.9% of these particles and reduce quality problems and downtime.

These filters offer:

- > High effective filtration area
- > High dirt holding capacity
- > Low pressure drop
- > Installation of the elements is easy and secure with the new "bayonet" type mounting
- > Rounded interior design reduces turbulence
- > Chrome-phosphate treated for corrosion resistance

Four types of elements are available for each size of housing:

- > 5 micron separator filter
- > 1 micron separator and filter
- > 0.1 micron coalescing filter
- > Activated carbon filter

Canisters are designed to hold any of our specialty filter grades ranging from coarse (5 micron pre-filters) to ultra fine, oil removal filters (0.008 mg/m³)

Heavy gauge Aluminum Filter Canisters are engineered for easy assembly/disassembly, making it easy to change filters or perform maintenance.

The internal drain is standard with each housing.

NOTE: Housings and elements are sold separately.



DESIGNED FOR GREAT PERFORMANCE AND VALUE!

AIR COMPRESSORS YOU KNOW YOU CAN TRUST

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S SERIES SEPARATOR/FILTERS

Mechanical separator and 5 micron coalescing filter
Removes large liquid loads and all solid particles 5 microns and larger. Use as a separator downstream of the aftercooler or point-of-use filter where heavy liquid loads are expected (air systems without aftercoolers or dryers).

A SERIES AIR LINE FILTER

One micron coalescing filter removes all liquid water, oil aerosols and all solid particles one micron and larger. Use as a general filter for shop air; a prefilter for high efficiency filters; an afterfilter for pressure-swing desiccant dryers; a point-of-use filter on systems utilizing aftercoolers or dryers.

E SERIES HIGH EFFICIENCY OIL REMOVAL FILTERS

0.1 micron coalescing filters coalesce and remove 99.99+% of oil aerosols for virtually oil free air. Use with oil-lubricated compressors to produce oil free air for painting (spray and powder), molding for plastics, instrumentation and controls, fluid logic and air bearings.

V SERIES OIL VAPOR REMOVAL FILTERS

Activated carbon adsorbent filter removes oil vapor and odor. Use in food and drug packaging where compressed air contacts product, for deodorizing air exhausted into worker environments.



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)

Canister	Gauge*	Auto Drain	CFM	Canister Diam.	Canister Height	5 micron Element	1 micron Coalescing Element	0.1 micron Coalescing Element	Carbon Element	Pipe Conn.	Weight (lbs.)
SAF-C-18	SAF-103	SAF-102	18	3.54	8.27	SAF-S-18	SAF-A-18	SAF-E-18	SAF-V-18	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	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	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	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	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

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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