

1 to
0.01 micron



DF SERIES FILTERS FOR CLEAN COMPRESSED AIR

- › **High Effective Filtration Area & High Dirt Holding Capacity**
- › **Dual Indicator Removable Gauge**
Differential Pressure Drop & Operating Efficiency
- › **Low Pressure Drop**
Promotes Air System Efficiency
- › **Easy Installation & Replacement of Filter Elements**
No Touch Filter Element with Visual Alignment
- › **Proprietary Corrosion-Resistant Coating**
Enhanced Corrosion Protection in Harsh Environments
- › **Patented Smooth Bore Flow Insert**
Minimizes Turbulance & Pressure Losses
- › **4 Types of Cartridges Available for all Canisters**
- › **CRN Registered Canisters**





DF SERIES FILTERS FOR COMPRESSED AIR

DF Series compressed air filters reduce contamination in your air stream to help protect your critical processes and valuable equipment. DF-series filters assure your compressed air system delivers clean, high-quality air throughout your facility.

Maintaining a low pressure drop on all compressed air components is critical for an energy-efficient system. DV Systems' DF Series filters have been engineered to deliver low pressure drop throughout the life of the filter element.

Four Types of Elements are available for each size of canister. Filter elements with stainless steel mesh withstand high differential pressure while minimizing flow restrictions through the element.



An all-aluminum, precision die cast body is suitable for high temperature (100° C/212°F) and high pressure (290 PSI) applications. A proprietary coating applied to the inside and outside surfaces provides corrosion protection in harsh industrial environments. All canisters are CRN registered.

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

P SERIES PRE-FILTERS

0.1 micron (µm) coalescing filter with new synthetic filter media results in cleaner compressed air and its polyester & stainless steel support media promotes durability in use and an extended useful-life. Removes large liquid loads and particles 0.1 um in size or 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

Canister	Gauge	Auto Drain	CFM	Canister Dim.		1 micron Coalescing Element	0.1 micron Coalescing Element	0.01 micron Coalescing Element	Carbon Element	Pipe Conn.
				Diam.	Height					
DF18	DF001	DF003	18	2.99	9.06	DF18A	DF18P	DF18E	DF18V	3/8"
DF24C	DF001	DF003	24	2.99	9.06	DF24A	DF24P	DF24E	DF24V	1/2"
DF65C	DF002	DF003	65	3.86	11.22	DF65A	DF65P	DF65E	DF65V	3/4"
DF153C	DF002	DF003	112	5.08	12.8	DF112A	DF112P	DF112E	DF112V	1"
DF153C	DF002	DF003	153	5.08	12.8	DF153A	DF153P	DF153E	DF153V	1"
DF294C	DF002	DF003	294	5.08	16.34	DF294A	DF294P	DF294E	DF294V	1 1/2"
DF471C	DF002	DF003	471	6.69	20.59	DF471A	DF471P	DF471E	DF471V	2"

Correction Factor for Different Working Pressures														
psi	43	57	73	85	100	114	130	145	160	175	189	200	218	228
Factor	0.65	0.74	0.85	0.92	1.00	1.07	1.13	1.19	1.25	1.31	1.36	1.40	1.46	1.5



DV Systems Canada
 490 Welham Rd., Barrie, ON L4N 8Z4
 Phone: 705 728-5657, Fax: 705 728-4974
sales@dvcompressors.com
dvcompressors.com

DV Systems USA
 128-B Talbert Rd., Mooresville, NC 28117
 Phone: 704 799-0046, Fax: 704 799-0355
orders@dvcompressors.com

