

1 to
0.01 micron



DF SERIES FILTERS FOR CLEAN COMPRESSED AIR

- › High Effective Filtration Area & High Dirt Holding Capacity
- › Dual Indicator: Differential Pressure Drop & Operating Efficiency
- › Low Pressure Drop
- › Easy Installation & Replacement of Filter Elements
- › 4 Types of Cartridges Available for all Canister Sizes
- › Corrosion Resistant: Proprietary Internal & External Coating
- › Die Cast Canisters Suitable for 100° C/212°F and 290 PSI Applications
- › Low Turbulence Interior Design
- › Canisters are CRN Registered





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 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 housing. Filter element with stainless steel mesh withstands high differential pressure while minimizing flow restriction through the element.



All-aluminum, precision die cast body suitable for 100° C/212°F and 290 PSI applications. 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 6, 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 | DF002 | 18 | 2.99 | 9.06 | DF18A | DF18P | DF18E | DF18V | 3/8" |
| DF24C | DF001 | DF002 | 24 | 2.99 | 9.06 | DF24A | DF24P | DF24E | DF24V | 1/2" |
| DF65C | DF001 | DF002 | 65 | 3.86 | 11.22 | DF65A | DF65P | DF65E | DF65V | 3/4" |
| DF112C | DF001 | DF002 | 112 | 5.08 | 12.8 | DF112A | DF112P | DF112E | DF112V | 1" |
| DF153C | DF001 | DF002 | 153 | 5.08 | 12.8 | DF153A | DF153P | DF153E | DF153V | 1" |
| DF294C | DF001 | DF002 | 294 | 5.08 | 16.34 | DF294A | DF294P | DF294E | DF294V | 1 1/2" |
| DF471C | DF001 | DF002 | 471 | 6.69 | 20.59 | DF471A | DF471P | DF471E | DF471V | 2" |

*SAF-104 Differential Pressure Gauge (177 to 583 CFM)

| 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 | 2.13 |



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As we are continually trying to improve our products, specifications are subject to change without notice.

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