

VALUE THROUGH PERFORMANCE

D SERIES

COMPRESSED AIR FILTERS

DELTECH



Combining Advanced Technology with Traditional Deltech Quality

D Series Filters

D Series Benefits

- ▼ **Easy element changeout**
 - Bowl is hand-threaded into head; requires no special tools.
 - Element is held securely in place by proprietary Snap-Lock technology (patent pending).
 - No tie rods, hold-down plates or tiny nuts to corrode or lose.
- ▼ **Air flow through the elements is from the inside out; contaminants stay in the element, even during replacement.**
- ▼ **Silicone-free manufacture and assembly; assures high-quality air for critical applications such as spray painting.**
- ▼ **Improved differential pressure gauge**
 - Instrument-quality gauge movement supported on stainless steel ball bearing.
 - Unique carousel movement.
 - Color-coded index with lens-enhanced visibility front, back and top.
- ▼ **Modern aesthetic design.**



D Series Filter Line Offers Economical Efficiency

The Deltech name has always stood for the highest quality in compressed air treatment equipment. From the time we introduced the industry's first color-change coalescing filter, our customers have known that Deltech filters are a cut above the rest.

The D Series line offers multiple ratings in each of four categories: high efficiency coalescing, general purpose coalescing, particulate removal and vapor removal. These filters complement and expand the existing line of Deltech filters.

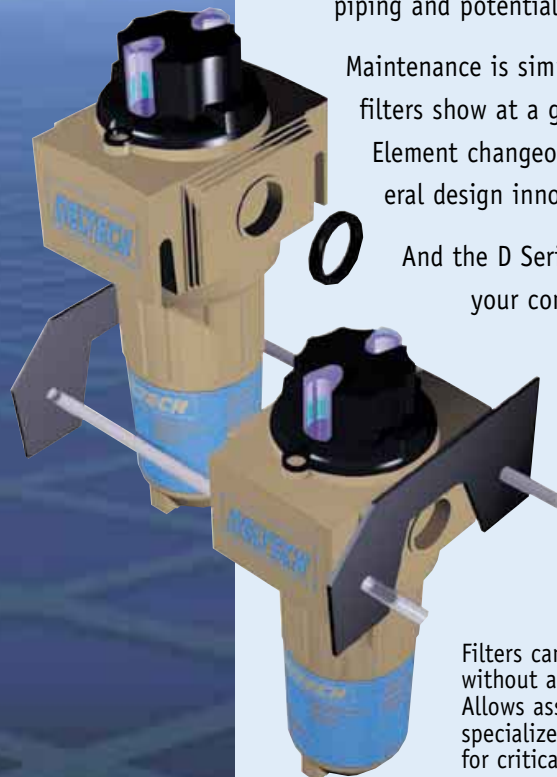
D Series filters incorporate several state-of-the-art features, all designed to provide clean, dry compressed air with unmatched efficiency at a price every customer can afford.

The individual filters offer specific benefits: very low pressure drop, high efficiency removal of liquids and mists, removal of particulates, or removal of vapors with their associated tastes and smells.

The use of an optional Easy-Link kit allows filters to be connected directly to each other, eliminating interconnected piping and potential leaks.

Maintenance is simple, too. Visual pressure drop indicators on most filters show at a glance when it's time to change the element. Element changeout is the simplest in the industry, thanks to several design innovations.

And the D Series line looks so good, you may want to include your compressor room in plant tours for visitors!



Filters can be linked without additional piping. Allows assembly of specialized filter chain for critical applications.

D Series Filters

The Deltech D Series features filters to fill every need. Choose one of the four filter types, or link them together for specialized applications.

High Efficiency Coalescing (Type CF)
Type CF filters provide high efficiency for removal of oil liquids and aerosol mists.

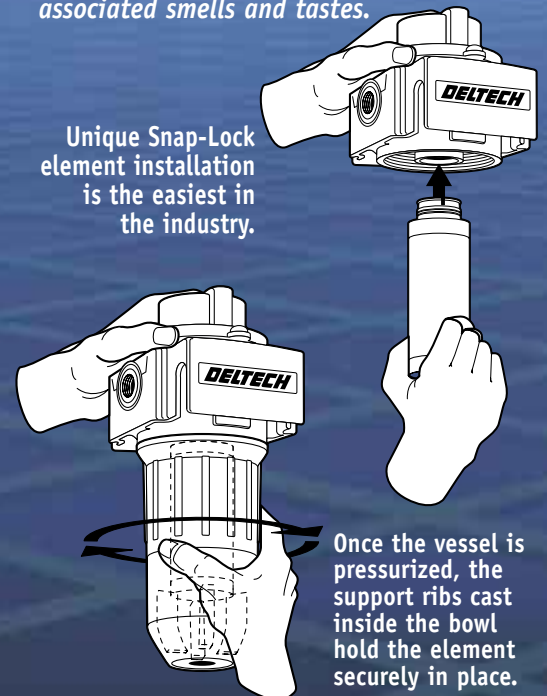
General Purpose Coalescing (Type CC)
The Type CC filter is designed for applications which do not require high efficiency filtration. Also recommended as a pre-filter to prolong the lifespans of other D Series elements.

Particulate (Type PF)
Type PF filters remove fine particulate material from the air stream. Particularly suited for use as a desiccant dryer afterfilter.

Vapor (Type VF)
Type VF filters incorporate activated carbon to remove hydrocarbon vapors and trace organic contaminants and their associated smells and tastes.



Unique Snap-Lock element installation is the easiest in the industry.



High Efficiency Coalescing Filters

Type CF Filter Benefits

- ▼ Coalescing media potted into endcaps to prevent liquid carryover
- ▼ Removes liquids and aerosol mists through unique layering of four-media element contaminants down to 0.01 micron
- ▼ Extended element life when preceded by a Type CC filter



Type CF Filters

Deltech high efficiency coalescing (Type CF) filters are the foundation of the D Series line. They remove virtually all liquids or mists.

Type CF filters use layered filtration to achieve high efficiency while maintaining low pressure drop. The first layer captures dirt and particulates; the second and third coalesce oil and water from the air stream. The fourth stage is a foam drain layer, wrapped in a polyester shield. The design of the element and housing creates an area of higher-velocity air, which forces liquids down the drain layer into the sump at the bottom of the bowl. This channeling action ensures that contaminants, once removed, are not allowed to re-entrain into the air stream. Efficiency is maximized by repeating the four stages of filtration, removing progressively smaller contaminants with each layer.

Type CF filters are available in 25 models, rated for flows from 5 to 15,000 scfm. Filters rated for 175 scfm and less are fitted with an internal float drain; larger models can easily be fitted with an Automatic Drain Valve or No-Waste Drain. Extended element life can be achieved by pre-filtering air with a Deltech Type CC coalescing filter, up to 1200 scfm.

Applications for High Efficiency Coalescing (Type CF) Filters

The high efficiency coalescing filter uses multiple wrapped layers to provide fine filtration of oil droplets and aerosol mists. The unique drain layer and new proprietary outer transport layer ensure that liquids are not re-entrained into the air. The element core resists collapse even at high pressure surges.

Application	Benefit
<i>Downstream of aftercoolers</i>	<i>Compensates for cooler/separator inefficiencies</i>
<i>Downstream of air receivers</i>	<i>Removes condensed liquids as air cools to ambient</i>
<i>Upstream of desiccant dryers</i>	<i>Removes harmful liquids, aerosols and mist to improve performance and extend desiccant life</i>
<i>Downstream of refrigerant dryers</i>	<i>Removes oil mist not removed by refrigeration</i>
<i>Point-of-use applications</i>	<i>Ensures critical instruments and other components are protected</i>
<i>Upstream of vapor filter</i>	<i>Prevents liquid loading which disables the vapor filter</i>

Sizing the filter for your application

Selecting a high efficiency coalescing (Type CF) filter for top performance in your application is simple. Determine the flow rate and pressure of the air to be filtered; select the appropriate filter from the model selection chart.

Model Selection Chart - Type CF Filters

MODEL	INLET AIR PRESSURE (PSIG)															
	10	20	30	40	50	60	70	80	90	100	110	125	150	175	200	250
	MAXIMUM INLET AIR FLOW (SCFM)															
D-0005-CF	1	2	2	2	3	3	4	4	5	5	5	6	7	8	8	9
D-0010-CF	2	3	4	5	6	7	7	8	9	10	11	12	14	15	16	18
D-0020-CF	4	6	8	10	11	13	15	17	18	20	22	24	29	31	33	36
D-0050-CF	11	15	19	24	28	33	37	41	46	50	54	61	72	77	82	91
D-0100-CF	22	30	39	48	56	65	74	83	91	100	109	122	144	154	164	182
D-0175-CF	38	53	68	83	99	114	129	144	160	175	190	213	251	270	287	319
D-0250-CF	54	76	97	119	141	163	185	206	228	250	272	304	359	385	410	455
D-0400-CF	86	121	156	191	266	261	295	330	365	400	435	487	574	617	656	728
D-0600-CF	129	182	234	286	338	391	443	495	548	600	652	731	862	925	984	1092
D-0750-CF	162	227	292	358	423	488	554	619	685	750	815	913	1077	1156	1230	1366
D-1000-CF	215	303	390	477	564	651	738	826	913	1000	1087	1218	1436	1541	1640	1821
D-1200-CF	258	363	468	572	677	782	886	991	1095	1200	1305	1462	1723	1850	1968	2185
D-1500-CF	323	454	585	715	846	977	1108	1238	1369	1500	1631	1827	2154	2312	2460	-
D-2000-CF	431	605	779	954	1128	1303	1477	1651	1826	2000	2174	2436	2872	3083	3279	-
D-2400-CF	517	726	935	1145	1354	1563	1772	1982	2191	2400	2609	2923	3446	3699	3935	-
D-3000-CF	646	908	1169	1431	1692	1954	2215	2477	2738	3000	3262	3654	4308	4624	4919	-
D-4000-CF	861	1210	1559	1908	2256	2605	2954	3303	3651	4000	4349	4872	5744	6166	6559	-
D-5000-CF	1077	1513	1949	2384	2820	3256	3692	4128	4564	5000	5436	6090	7180	7707	8199	-
D-6000-CF	1292	1815	2338	2861	3384	3908	4431	4954	5477	6000	6523	7308	8616	9248	9838	-
D-7200-CF	1550	2178	2806	3434	4061	4689	5317	5945	6572	7200	7828	8769	10339	11098	-	-
D-8400-CF	1809	2541	3274	4006	4738	5471	6203	6935	7668	8400	9132	10231	12062	12948	-	-
D-9600-CF	2067	2904	3741	4578	5415	6252	7089	7926	8763	9600	10437	11692	13785	-	-	-
D-10800-CF	2326	3267	4209	5150	6092	7034	7975	8917	9858	10800	11742	13154	15508	-	-	-
D-12000-CF	2584	3630	4677	5723	6769	7815	8861	9908	10954	12000	13046	14616	17231	-	-	-
D-15000-CF	3230	4538	5846	7153	8461	9769	11077	12384	13692	15000	16308	18269	21539	-	-	-

Rating Conditions

Initial Pressure Drop	3 psid
Wetted Pressure Drop	5 psid
Recommended Replacement	7-10 psid
Filtration Efficiency	Maximum Carryover: 0.001 ppmw when preceded by a Type CC filter



Multiple layer design removes virtually all liquids or mists. Unique element and housing design ensures contaminants are not allowed to re-entrain into the air stream.



General Purpose Coalescing Filters

Type CC Filter Benefits

- ▼ Coalescing media potted into endcaps to prevent liquid carryover
- ▼ Removes liquids and aerosol mists through unique layering of four-media element
- ▼ Efficient pre-filtering of air with minimal pressure drop
- ▼ Removal of particles down to 1 micron
- ▼ Removes particulate



Type CC Filters

The Deltech coarse coalescing (Type CC) filter removes oil droplets and aerosol mists by combining multiple types of media into one element.

Type CC filters remove liquids and aerosol mists from the air stream through multiple layers of filtration media. The first layer removes dirt and particulates; the second and third coalesce oil and water; and the fourth is a drain layer. Each layer removes progressively smaller contaminants while maintaining low pressure drop. The unique design of the element and housing creates an area of higher-velocity air, which forces the liquids down the drain layer into the sump at the bottom of the bowl and ensures that contaminants are not allowed to re-entrain into the air stream.

Deltech Type CC filters are available in 12 models, rated for flows from 5 to 1,200 scfm. Filters rated for 175 scfm and less are fitted with an internal float drain; larger models can easily be fitted with Automatic Drain Valves or No-Waste Drains.

Applications for General Purpose Coalescing (Type CC) Filters

The general purpose coalescing filter uses multiple wrapped layers for filtration of oil droplets and aerosol mists. This filter is most useful as a pre-filter for a high efficiency coalescing filter or in systems that do not require the highest efficiency filtration. The unique drain layer and new proprietary outer transport layer ensure that liquids are not re-entrained into the air. The element core resists collapse even at high pressure surges.

Application	Benefit
<i>Pre-filter for high efficiency coalescing filter</i>	<i>Removes coarse contamination and extends life of high efficiency coalescing element</i>
<i>Downstream of aftercoolers</i>	<i>Compensates for cooler/separator inefficiencies</i>
<i>Downstream of air receivers</i>	<i>Removes condensed liquids as air cools to ambient</i>
<i>Upstream of desiccant dryers</i>	<i>Removes harmful liquids, aerosols and mist to improve performance and extend desiccant life</i>
<i>Downstream of refrigerant dryers</i>	<i>Removes oil mist not removed by refrigeration</i>

Sizing the filter for your application

Selecting a general purpose coalescing (Type CC) filter for top performance in your application is simple. Determine the flow rate and pressure of the air to be filtered; select the appropriate filter from the model selection chart.

Model Selection Chart - Type CC Filters

MODEL	INLET AIR PRESSURE (PSIG)															
	10	20	30	40	50	60	70	80	90	100	110	125	150	175	200	250
MAXIMUM INLET AIR FLOW (SCFM)																
D-0005-CC	1	2	2	2	3	3	4	4	5	5	5	6	7	8	8	9
D-0010-CC	2	3	4	5	6	7	7	8	9	10	11	12	14	15	16	18
D-0020-CC	4	6	8	10	11	13	15	17	18	20	22	24	29	31	33	36
D-0050-CC	11	15	19	24	28	33	37	41	46	50	54	61	72	77	82	91
D-0100-CC	22	30	39	48	56	65	74	83	91	100	109	122	144	154	164	182
D-0175-CC	38	53	68	83	99	114	129	144	160	175	190	213	251	270	287	319
D-0250-CC	54	76	97	119	141	163	185	206	228	250	272	304	359	385	410	455
D-0400-CC	86	121	156	191	226	261	295	330	365	400	435	487	574	617	656	728
D-0600-CC	129	182	234	286	338	391	443	495	548	600	652	731	862	925	984	1092
D-0750-CC	162	227	292	358	423	488	554	619	685	750	815	913	1077	1156	1230	1366
D-1000-CC	215	303	390	477	564	651	738	826	913	1000	1087	1218	1436	1541	1640	1821
D-1200-CC	258	363	468	572	677	782	886	991	1095	1200	1305	1462	1723	1850	1968	2185

Note: Initial pressure drop at inlet air pressure and maximum air flow is 1 psid.

Rating Conditions

Initial Pressure Drop	1 psid
Wetted Pressure Drop	2 psid
Recommended Replacement	5 psid
Filtration Efficiency	Maximum Carryover: 0.5 ppmw with a challenge of 20 ppmw



Elements are clearly labeled with the part number and brand.

Particulate Filters

Type PF Filter Benefits

- ▼ Removes particulate contaminants down to 1.0 micron
- ▼ Element construction virtually eliminates release of fibers into airstream
- ▼ Incorporates pleated design to achieve maximum effective element life



Type PF Filters

Designed for use primarily as an afterfilter in desiccant dryer systems, the particulate (Type PF) filter may also be effectively used to remove pipe scale, rust or other particulates from compressed air. The Type PF is also ideal for use after a non-lubricated compressor, where it will remove particles produced as the compressor wears. Its high efficiency filtration ensures protection of downstream equipment and processes from particulate contamination.

Available in 25 models, Type PF filters offer flow capacities from 10 to 15,000 scfm at 100 psig. Higher flow ratings are available in other Deltech particulate filters.

Applications for Particulate (Type PF) Filters

Particulate filters use multiple layers of pleated media to provide high dirt-holding capacity and low pressure drop. Each layer progressively removes smaller particles. The element core resists collapse even at high pressure surges.

Application	Benefit
<i>Downstream of desiccant dryers</i>	<i>Prevents desiccant dust from traveling downstream</i>
<i>Pilot air source for pneumatic controls</i>	<i>Allows clean, dry air for valves and controls on dryer</i>
<i>Downstream of adsorbers</i>	<i>Prevents dust from carbon filters, molecular sieve or other adsorbers from being carried downstream</i>
<i>Point-of-use applications on non-lubricated systems</i>	<i>With dry air in piping system, prevents scale and other particles from damaging tools, paint lines, instruments and many other applications</i>

Sizing the filter for your application

Selecting a particulate (Type PF) filter for top performance in your application is simple. Determine the flow rate and pressure of the air to be filtered; select the appropriate filter from the model selection chart.

Model Selection Chart - Type PF Filters

MODEL	INLET AIR PRESSURE (PSIG)															
	10	20	30	40	50	60	70	80	90	100	110	125	150	175	200	250
	MAXIMUM INLET AIR FLOW (SCFM)															
D-0010-PF	2	3	4	5	6	7	7	8	9	10	11	12	14	15	16	18
D-0020-PF	4	6	8	10	11	13	15	17	18	20	22	24	29	31	33	36
D-0050-PF	11	15	19	24	28	33	37	41	46	50	54	61	72	77	82	91
D-0100-PF	22	30	39	48	56	65	74	83	91	100	109	122	144	154	164	182
D-0170-PF	37	51	66	81	96	111	126	140	155	170	185	207	244	262	279	310
D-0300-PF	65	91	117	143	169	195	222	248	274	300	326	365	431	462	492	546
D-0405-PF	87	123	158	193	228	264	299	334	370	405	440	493	582	624	664	737
D-0510-PF	110	154	199	243	288	332	377	421	466	510	554	621	732	786	836	929
D-0850-PF	183	257	331	405	479	554	628	702	776	850	924	1035	1221	1310	1394	1548
D-1020-PF	220	309	398	486	575	664	753	842	931	1020	1109	1242	1465	1572	1673	1857
D-1225-PF	264	371	477	584	691	798	905	1011	1118	1225	1332	1492	1759	1888	2009	2231
D-1450-PF	312	439	565	691	818	944	1071	1197	1324	1450	1576	1766	2082	2235	2378	2640
D-1500-PF	323	454	585	715	846	977	1108	1238	1369	1500	1631	1827	2154	2312	2460	-
D-2000-PF	431	605	779	954	1128	1303	1477	1651	1826	2000	2174	2436	2872	3083	3279	-
D-2400-PF	517	726	935	1145	1354	1563	1772	1982	2191	2400	2609	2923	3446	3699	3935	-
D-3000-PF	646	908	1169	1431	1692	1954	2215	2477	2738	3000	3262	3654	4308	4624	4919	-
D-4000-PF	861	1210	1559	1908	2256	2605	2954	3303	3651	4000	4349	4872	5744	6166	6559	-
D-5000-PF	1077	1513	1949	2384	2820	3256	3692	4128	4564	5000	5436	6090	7180	7707	8199	-
D-6000-PF	1292	1815	2338	2861	3384	3908	4431	4954	5477	6000	6523	7308	8616	9248	9838	-
D-7200-PF	1550	2178	2806	3434	4061	4689	5317	5945	6572	7200	7828	8769	10339	11098	-	-
D-8400-PF	1809	2541	3274	4006	4738	5471	6203	6935	7668	8400	9132	10231	12062	12948	-	-
D-9600-PF	2067	2904	3741	4578	5415	6252	7089	7926	8763	9600	10437	11692	13785	-	-	-
D-10800-PF	2326	3267	4209	5150	6092	7034	7975	8917	9858	10800	11742	13154	15508	-	-	-
D-12000-PF	2584	3630	4677	5723	6769	7815	8861	9908	10954	12000	13046	14616	17231	-	-	-
D-15000-PF	3230	4538	5846	7153	8461	9769	11077	12384	13692	15000	16308	18269	21539	-	-	-

Rating Conditions

Initial Pressure Drop	1 psid
Wetted Pressure Drop	N/A
Recommended Changeout	5 psid
Filtration Efficiency	Absolute filtration rating: 1.0 micron maximum particle passed

Multiple layers of pleated media maximize filtration efficiency and extend the effective life of the element.



Vapor Removal Filters

Type VF Filter Benefits

- ▼ Incorporates a pleated design that contains five times the amount of charcoal found in typical carbon-impregnated paper elements by being bound to the substrate
- ▼ Removes odors and tastes caused by trace organics and hydrocarbon vapors
- ▼ Coalescing filter up stream of the VF is required to remove contaminants that could shorten the life of a VF filter



Type VF Filters

The Deltech vapor removal (Type VF) filters remove gaseous hydrocarbon (oil) and organic vapors, for final cleaning of air used in critical applications.

Type VF filters will remove gaseous hydrocarbons that affect the smell and taste of compressed air but will not convert compressed air into breathing air. A breathing air purification system must be used if conversion of carbon monoxide is required. See Deltech bulletin 212.

Applications for Vapor (Type VF) Filters

Vapor filters use activated carbon mechanically bonded to a non-woven polyester substrate. The carbon concentration is much higher than typical carbon-impregnated paper elements, providing superior performance and efficiency. The element core resists collapse even at high pressure surges.

Sizing the filter for your application

Selecting a vapor removal (Type VF) filter for top performance in your application is simple. Determine the flow rate and pressure of the air to be filtered; select the appropriate filter from the model selection chart.

Model Selection Chart - Type VF Filters

MODEL	INLET AIR PRESSURE (PSIG)															
	10	20	30	40	50	60	70	80	90	100	110	125	150	175	200	250
	MAXIMUM INLET AIR FLOW (SCFM)															
D-0005-VF	1	2	2	2	3	3	4	4	5	5	5	6	7	8	8	9
D-0010-VF	2	3	4	5	6	7	7	8	9	10	11	12	14	15	16	18
D-0020-VF	4	6	8	10	11	13	15	17	18	20	22	24	29	31	33	36
D-0050-VF	11	15	19	24	28	33	37	41	46	50	54	61	72	77	82	91
D-0100-VF	22	30	39	48	56	65	74	83	91	100	109	122	144	154	164	182
D-0175-VF	38	53	68	83	99	114	129	144	160	175	190	213	251	270	287	319
D-0250-VF	54	76	97	119	141	163	185	206	228	250	272	304	359	385	410	455
D-0400-VF	86	121	156	191	226	261	295	330	365	400	435	487	574	617	656	728
D-0600-VF	129	182	234	286	338	391	443	495	548	600	652	731	862	925	984	1092
D-0750-VF	162	227	292	358	423	488	554	619	685	750	815	913	1077	1156	1230	1366
D-1000-VF	215	303	390	477	564	651	738	826	913	1000	1087	1218	1436	1541	1640	1821
D-1200-VF	258	363	468	572	677	782	886	991	1095	1200	1305	1462	1723	1850	1968	2185

Note: Initial pressure drop at inlet air pressure and maximum air flow is 1 psi.

Carbon concentration woven in pleated media is much higher than typical carbon-impregnated paper elements.



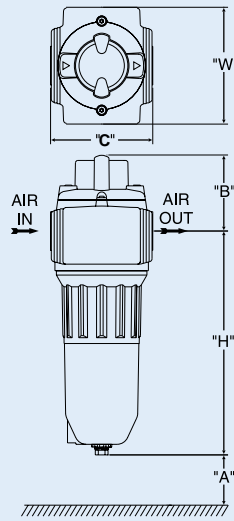
Rating Conditions

Initial Pressure Drop	3 psid
Wetted Pressure Drop	N/A
Recommended Changeout	Every three months, or when odors, tastes or vapors are detected downstream
Filtration Efficiency	Maximum remaining oil content (excluding methane): 0.003 ppmw when preceded by a Type CF filter

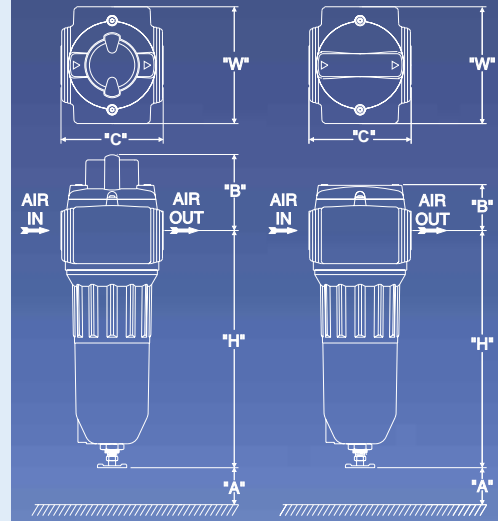
Materials & Construction

COMPONENT	Material
Vessel head, bowl	Aluminum alloy
Surface finish	Powder coat
O-Rings	Buna N
Support cores	Stainless steel or non-corrosive polymer
CF,CC, and PF Element	Microglass fibers and non-woven polyester; glass-filled nylon end caps
VF Element	Activated carbon bonded to a non-woven polyester substrate.
Element Adhesive	Two-part epoxy
Internal Float Drain	Acetel thermo plastic
Manual Drain	Brass
Liquid Presence Indicator	Brass

Maximum operating temperature: 150°F (65°C)
 Maximum recommended filtration temperature: 120°F (49°C)
 Minimum inlet filtration temperature: 34°F (1°C)
 Maximum pressure: 250 psig



**CF AND CC
(5 - 175 SCFM)**



**CF AND CC
(250 - 1200 SCFM)
AND PF**

Dimensions

MODEL*				DIMENSIONS(INCHES)						CONNECTIONS (INCHES)		APPROX. SHIPPING WEIGHT (lbs)
CF	CC	PF	VF	H	W	A	B		C	IN/OUT (NPT)	DRAIN (NPT)	
						CF, CC & PF	VF					
D-0005-CF	D-0005-CC	-	-	6.48	4.00	3.75	2.36	-	3.13	1/4	1/8	4
D-0010-CF	D-0010-CC	-	-	8.44	4.00	5.75	2.36	-	3.13	3/8	1/8	4
-	-	D-0010-PF	D-0005-VF	7.13	4.00	3.75	2.36	0.77	3.13	1/4	1/8	4
D-0020-CF	D-0020-CC	-	-	9.48	5.16	6.50	3.25	-	4.38	1/2	1/8	6
-	-	D-0020-PF	D-0010-VF	9.10	4.00	5.75	2.36	0.77	3.13	3/8	1/8	4
D-0050-CF	D-0050-CC	-	-	13.96	5.16	11.00	3.25	-	4.38	3/4	1/8	8
-	-	D-0050-PF	D-0020-VF	10.13	5.16	6.50	3.25	1.96	4.38	1/2	1/8	6
D-0100-CF	D-0100-CC	-	-	12.51	6.63	9.00	3.58	-	5.75	1	1/8	12
-	-	D-0100-PF	D-0050-VF	14.60	5.16	11.00	3.25	1.96	4.38	3/4	1/8	8
-	-	D-0170-PF	D-0100-VF	13.16	6.63	9.00	3.58	2.31	5.75	1	1/8	12
D-0175-CF	D-0175-CC	-	-	17.25	6.63	13.75	3.58	-	5.75	1-1/4	1/8	14
-	-	D-0300-PF	D-0175-VF	17.89	6.63	13.75	3.58	2.31	5.75	1-1/4	1/8	14
D-0250-CF	D-0250-CC	D-0405-PF	D-0250-VF	17.70	7.81	12.00	4.10	2.82	7.00	1-1/2	1/2	18
D-0400-CF	D-0400-CC	D-0510-PF	D-0400-VF	25.25	7.81	19.75	4.10	2.82	7.00	2	1/2	24
D-0600-CF	D-0600-CC	D-0850-PF	D-0600-VF	29.60	7.12	22.50	5.00	3.75	8.12	2-1/2	1/2	28
D-0750-CF	D-0750-CC	D-1020-PF	D-0750-VF	34.60	7.12	27.50	5.00	3.75	8.12	2-1/2	1/2	32
D-0750-CF	D-0750-CC	D-1020-PF	D-0750-VF	-	-	-	-	-	-	3	1/2	32
D-1000-CF	D-1000-CC	D-1225-PF	D-1000-VF	39.60	7.12	32.50	5.00	3.75	8.12	3	1/2	36
D-1200-CF	D-1200-CC	D-1450-PF	D-1200-VF	44.60	7.12	37.50	5.00	3.75	8.12	3	1/2	39

*CF and CC filters (5-10 scfm) and PF filters (10-20 scfm) are fitted with an optional green-to-red differential pop-up indicator to indicate the need for element changeout. All other CF, CC and PF filters are fitted with a color-indicating differential pressure gauge.

Note: For disassembly of housing and element replacement, all D Series filters must be installed with sufficient clearance below the lowest portion of any drain valves or piping. Refer to the "A" dimension for the required element changeout clearance.

D Series Multiple Cartridge Filter Technical Data

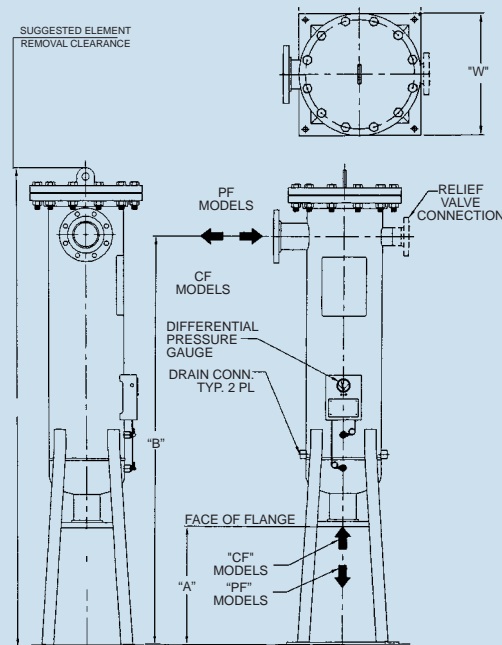
The D Series multiple cartridge filters for high efficiency coalescing (type CF) and particulate removal (Type PF) filters, are available in 13 models rated 1,500 to 15,000 scfm.

These filters have the same great features as the smaller D Series with the Snap-Lock (patented) easy element change-out feature and an easy-to-read differential pressure gauge.

Operating Conditions*:

- Maximum Inlet Temperature: 120°F (49°C)
- Minimum Inlet Temperature: 34°F (1°C)
- Maximum Ambient Temperature: 150°F (65°C)
- Minimum Ambient Temperature: 34°F (1°C)

*Consult factory for conditions other than standard.



Dimensions

MODEL		FLOW CAPACITY	DIMENSIONS (INCHES)					MAXIMUM OPERATING PRESSURE	CONNECTIONS (INCHES)			APPROX. SHIPPING WEIGHT
CF	PF	(scfm)	H	W	A	B	C	(PSIG)	INLET/OUTLET FLG	RELIEF VALVE NPT	DRAIN NPTF	(LBS)
D-1500-CF	D-1500-PF	1,500	75.25	21.50	20.00	64.00	32.25	200	3	2	3/4	490
D-2000-CF	D-2000-PF	2,000	80.25	21.50	20.00	69.00	32.25	200	4	2	3/4	515
D-2400-CF	D-2400-PF	2,400	85.25	21.50	20.00	74.00	32.25	200	4	2	3/4	525
D-3000-CF	D-3000-PF	3,000	83.94	25.00	21.00	71.00	32.81	200	4	2	3/4	635
D-4000-CF	D-4000-PF	4,000	87.19	27.00	21.00	73.00	35.00	200	6	3	3/4	760
D-5000-CF	D-5000-PF	5,000	87.68	28.00	21.00	73.63	35.00	200	6	3	3/4	860
D-6000-CF	D-6000-PF	6,000	92.68	28.00	21.00	78.63	35.00	200	6	3	3/4	875
D-7200-CF	D-7200-PF	7,200	103.88	30.50	25.00	83.00	38.75	175	8	4 FLG	3/4	1,050
D-8400-CF	D-8400-PF	8,400	103.88	30.50	25.00	83.00	38.75	175	8	4 FLG	3/4	1,100
D-9600-CF	D-9600-PF	9,600	105.63	34.00	25.00	84.00	39.75	150	8	4 FLG	1	1,325
D-10800-CF	D-10800-PF	10,800	105.63	34.00	25.00	84.00	39.75	150	8	4 FLG	1	1,325
D-12000-CF	D-12000-PF	12,000	105.63	34.00	25.00	84.00	39.75	150	8	4 FLG	1	1,325
D-15000-CF	D-15000-PF	15,000	109.00	39.25	25.00	86.00	40.50	150	10	6 FLG	1	1,600



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