

Our newest line of Sanitary Industrial Filters offer unsurpassed filtration for all grades of coalescing filters in the same sanitary stainless steel housings as our sterile line of filters. The Microdyne Products Corp. line of sanitary filters are ideal for use in such industries as:

- Pharmaceuticals
- Food Processing
- Aseptic Packaging
- Dairy
- Beverage
- Electronics
- Semiconductors
- Laboratories
- Biochemical



SI-PF
(Pre-Filter)

SI-CFA
(Coalescing Filter)

SI-ACF
(Activated Carbon Filter)

SF
(Sterile Filter)

Our premium line of Sanitary Industrial filters are designed for applications that require the highest grade of purity without experiencing secondary contamination from the oxidation of aluminum housings typically found in industrial filters. These units replace standard metal filter housings installed prior to sterile filters in typical applications.

Elements — Modular and interchangeable consisting of Prefilters, Coalescing Filters and Activated Carbon Filters.

- **SI-PF-Prefilter** — Designed for maximum pre-filtration of larger particulates rated at 100% efficiency @ 1 micron with minimum differential pressures and to extend the service life of microfilters installed thereafter.
- **SI-CFA-Coalescing Filter/Alpha Series®** — The most effective coalescing filter in this series to remove oil, water, and dirt from compressed air systems. The Alpha Series is capable of removing contaminants .01 micron with 99.99998% efficiency. The special foam socks on the coalescers are resistant to mineral, synthetic, and decomposed oils.
- **SI-CFB-Coalescing Filter/Beta Series®** — For more effective micron retention of oil, water, and dirt from compressed air. The Beta Series filter is designed to trap particulates, .01 micron and larger at an efficiency of 99.9999%.
- **SI-CFC-Coalescing Filter/Gamma Series®** — For the removal of oil, water, and dirt from compressed air systems. Capable of performing with 99.99% efficiency at the .01 micron level of filtration. In applications where compressed air is severely contaminated, it is recommended that CFC filters be installed upstream of the CFA filters, in order to achieve economical operation.
- **SI-ACF-Activated Carbon Filter** — For the elimination of odors from compressed air. The ACF filter is capable of producing compressed air which is 400,000 times more pure than the ambient air in which we breathe and is thus available for such applications.
- **SI-DF-Dustfilter** — Specialized in the removal of rust and dust particulates from compressed air systems.

Microdyne Products Corp.
12735 Carrollton Industrial Dr.
Bridgeton, MO 63044
phone: 314.291.5600
fax: 314.344.4422
email: sales@microdyneproducts.com
www.microdyneproducts.com

Technical Data — Non-Flanged Housings

Filter housings are fabricated in stainless steel and are rated at 250 psi.

Size	Nominal flow (SCFM)	NPT Size Connections	Elements Per Filter	Dimensions in Inches		
				Length of Filter (Complete)	Width of Head (Inlet to Outlet)	Height to Connection
3	24-30	1/4"	1	6.85"	3.43"	5.40"
5	30-48	3/8"	1	6.85"	3.43"	5.40"
7	45-65	1/2"	1	9.61"	3.43"	8.16"
9	70-110	3/4"	1	11.04"	5.13"	9.87"
10	100-150	1"	1	14.92"	5.13"	13.75"
11	140-200	1"	1	14.92"	5.13"	13.75"
12	200-300	1 1/2"	1	18.92"	5.13"	17.75"
13	325-450	1 1/2"	1	26.74"	5.13"	25.57"
14	435-600	2"	1	26.50"	6.46"	24.61"
17	675-950	2"	1	36.34"	6.46"	34.45"
19	1090-1500	3"	1	41.42"	9.84"	38.50"

Technical Data — Flanged Housings

Filter housings are fabricated in stainless steel, have flanged connections, and are rated at 250 psi.

Size	Nominal flow (SCFM)	NPT Size Connections	Elements Per Filter
14	436-554	2"	1
17	679-885	2"	1
20	1385-1770	3"	2
30	2037-2655	4"	3
40	2716-3540	6"	4
60	4074-5310	6"	6
80	5432-7080	8"	8
100	6790-8850	8"	10
120	8148-10620	10"	12
160	10865-14160	10"	16
200	13580-17700	12"	20

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