

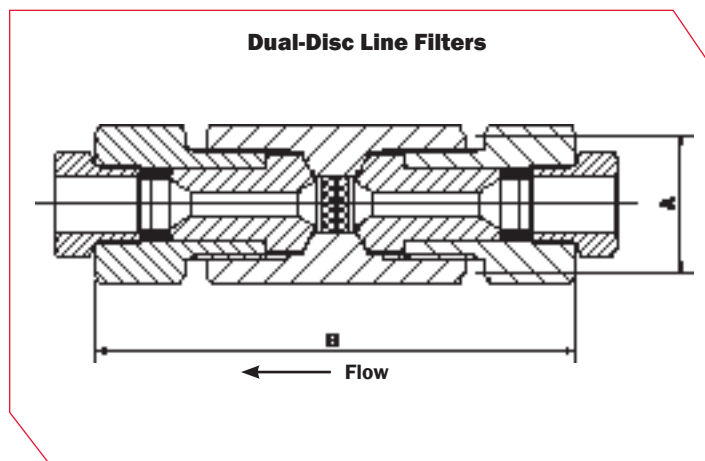
Dual-Disc Line Filters

MAXIMATOR dual-disc line filters are used to filter process fluids in high pressure systems. This design helps remove the large particles first through a coarse primary disc, which then allows a secondary disc to provide a smaller micron filtration. These filter elements are designed to withstand pressure surges without cracking, flaking, or rupturing. Filter elements come standard in the following micron sizes: 5/8, 8/30, 30/56 (secondary/primary). Filters are rated for temperatures -60 °F to 660 °F*. All line filters come with glands and collars.

Materials

Body: cover, cover gland: 316 series stainless steel

Element: 300 series stainless steel



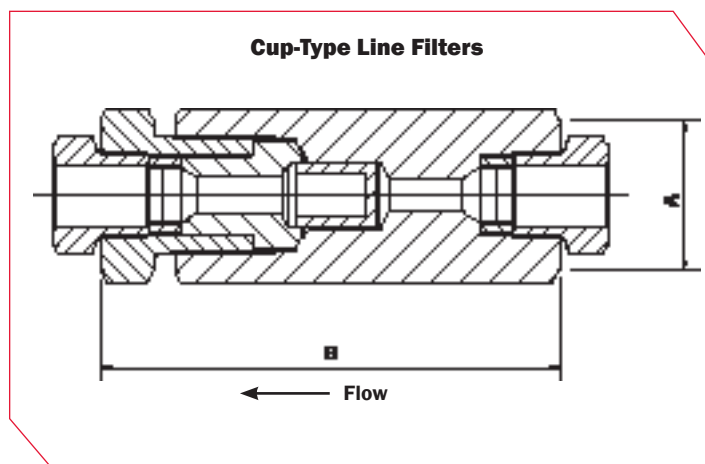
Cup-Type Line Filters

MAXIMATOR cup-type line filters are used when maximum filtration surface area and a single micron size element is preferred. This design increases the filter area as much as 6 times the area of the disc type filter, and will permit higher flow rates with a lower pressure drop, and longer intervals between element changes. Filter elements come standard in 5, 30, or 56 micron sizes and are easily replaced. Filters are rated for temperatures -60 °F to 660 °F*. All line filters come with glands and collars.

Materials:

Body, cover, cover gland: 316 series stainless steel

Element: 300 series stainless steel



Catalog Number	Pressure Rating (psi)	O.D. Tube (in.)	Connection Type	Orifice (in.)	Micron Size	Filter Element Area (in. ²)	Dimensions (in.)	
							A (Hex.)	B
Dual-Disc Line Filters								
21DF9M - 5/8	22,500	9/16	9MF	0.265	5/8	0.25	1.44	4.96
21DF9M - 8/30					8/30			
21DF9M - 30/56					30/56			
Cup-Type Line Filters								
21CF4M-5	22,500	1/4	4MF	0.106	5	0.82	0.88	2.87
21CF4M-30					30			
21CF4M-56					56			
21CF6M-5	22,500	3/8	6MF	0.201	5	0.82	1.06	3.35
21CF6M-30					30			
21CF6M-56					56			
21CF9M-5	22,500	9/16	9MF	0.307	5	1.55	1.44	4.33
21CF9M-30					30			
21CF9M-56					56			
21CF12M-5	22,500	3/4	12MF	0.438	5	6.14	2.36	6.57
21CF12M-30					30			
21CF12M-56					56			
21CF16M-5	22,500	1	16MF	0.562	5	6.14	2.36	6.57
21CF16M-30					30			
21CF16M-56					56			

It is recommended that all fluids entering a high pressure system be thoroughly cleaned. Maximator filters are designed to remove small amounts of process particles. Pressure differential should not exceed 1000 psi across the filter elements.

All dimensions for reference only and are subject to change.

**See page 2 in the Technical Section for determining operating pressures above room temperature.*