

CSD Lenticular Filter

CSD® Filter Series constructed of high quality lignocellulose material and inorganic filter aid. The inner 3-D crisscrossing structure allows it to function as a depth filter while providing excellent filtration efficiency, high dirt holding capacity, and longer lifetime. Filter paper is produced automatic production lines. All raw materials are tested using strict quality control procedures to ensure filter quality and performance during use.

Operating Conditions

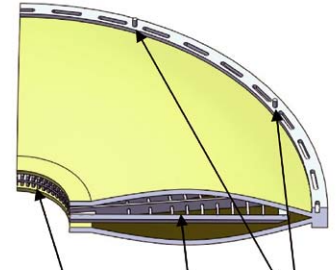
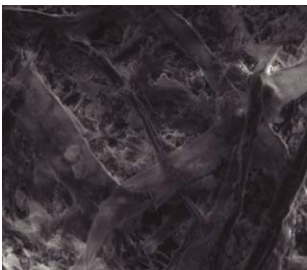
Maximum Temperature	80°C
Max. Differential Pressure	2.4bar / 25°C
Flush	Pure water 50L/m ² Flow rate 20 lpm/m ²
Steaming Sterilize(Autoclave)	121°C / 30min

Materials of Construction

Filter Medium	Cellulose, Diatomaceous Earth
Cage	Polypropylene

Filtration Area

Number of lenses	Filtration area	
	12 " diameter	16 " diameter
7	0.7 m ²	/
9	0.9 m ²	2.1 m ²
12	1.1 m ²	2.8 m ²
14	1.3 m ²	3.2 m ²
15	1.4 m ²	3.5 m ²
16	1.5 m ²	3.7 m ²



Flow Channels Internal Separator Edge Tabs

Ordering Information

CSD	Removal Ratings	End Cap	Grade	Nominal Length	Number of Lenses	Seal Material
0004	=0.04-0.2 μm	DOE= Double open end	S=Standard	12=12"	S=7 Lenses	S=Silicone
0020	=0.2-0.4 μm	TC= 222 o-ring/flat cap	P=Pharmaceutical	16=16"	T=12 Lenses	E=EPDM
0040	=0.4-0.6 μm		F=Process Fluids	30=30"	M=14 Lenses	V=Viton
0060	=0.6-0.8 μm			40=40"	D=16 Lenses	
0100	=0.8-1.5 μm					
0150	=1.5-3.0 μm					
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Trap/Pre-Filtration

Microbiological Stabilization

Gas Filtration

Additional Filters