

Inline Right Angle Vacuum Filters

CSL Series 3" - 6", DN80 - DN300

Overview

Solberg's CSL Series is designed to protect equipment from contaminants carried over from a variety of industrial processes. Ideal for rough-medium vacuum service, the CSL can be utilized in systems where standard duty flanges and threaded connections are acceptable. Multiple filter element media options offer superior protection and longevity for the vacuum system.

Benefits

- Reduce piping costs with multiple mounting configurations (mount horizontal or inverted)
- Minimize equipment pressure-drop change with low pressure-drop filter design

Features

- Heavy duty T-bolts for easy maintenance
- Corrosive resistant black powder coat carbon steel
- O-ring stays in place with unique U-channel groove
- Inlet & outlet 1/4" gauge taps
- Lifting lugs
- Brackets for optional support legs
- Nameplate bracket

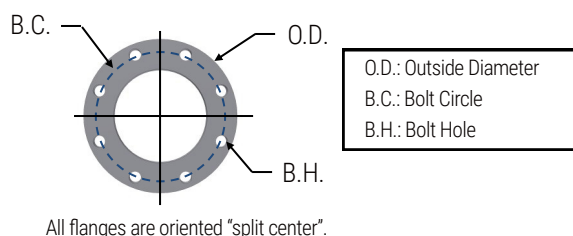
Options



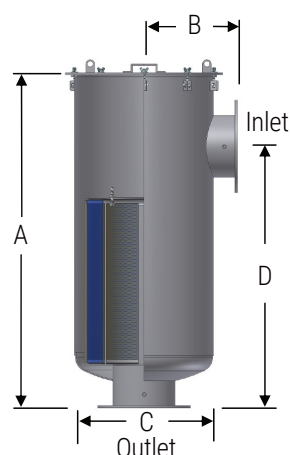
- Straight-through configurations
- Specialty filter media
- Stainless steel
- Various nonstandard finishes and connection styles
- ISO flange
- PN6, PN16 flange patterns
- Flange faces and internal surfaces free of paint
- Mounting housing bands

Technical Specifications

- Vacuum Rating: medium vacuum service
- Filter change out differential: 37-50 mbar over initial ΔP
- Polyester: 99%+ removal efficiency standard to 5 micron
- Paper: 99%+ removal efficiency standard to 2 micron



PN10 Pattern Flange	Dimensions (mm)			No. of Holes	Flange Thickness (mm)
	O.D.	B.C.	B.H.		
DN80	200	160	18	8	20
DN100	220	180	18	8	22
DN125	250	210	18	8	22
DN150	285	240	22	8	24
DN200	340	295	22	8	24
DN250	395	350	22	12	26
DN300	445	400	22	12	26



Flanged Assemblies

Inlet / Outlet	Assembly m³/hr Rating	Assembly Part Number		Dimensions (mm)				Suggested Service Ht. (mm)	Approx. Weight (kg)
		Paper	Polyester	A	B	C	D		
DN80	510	CSL-235P-DN80	CSL-234P-DN80	646	229	306	470	305	28
DN80	510	CSL-335P-DN80	CSL-334P-DN80	644	229	306	470	381	29
DN100	885	CSL-235P-DN100	CSL-234P-DN100	695	229	306	470	254	28
DN100	885	CSL-335P-DN100	CSL-334P-DN100	695	229	306	470	381	29
DN125	1360	CSL-245P-DN125	CSL-244P-DN125	730	279	400	495	254	40
DN125	1360	CSL-345P-DN125	CSL-344P-DN125	680	279	400	495	381	41
DN150	1870	CSL-275P-DN150	CSL-274P-DN150	711	305	400	521	254	50
DN150	1870	CSL-375P-DN150	CSL-374P-DN150	711	305	400	521	381	51
DN200	3060	CSL-377P-DN200	CSL-376P-DN200	924	356	506	648	381	83
DN250	4930	CSL-385P-DN250	CSL-384P-DN250	1089	406	606	864	381	115
DN300	7990	CSL-485P-DN300	CSL-484P-DN300	1089	406	606	864	559	125
DN250	4930	CSL-685P-DN250	CSL-384P(2)-DN250+	1413	406	606	1143	838	171
DN300	8415	CSL-685P-DN300	CSL-384P(2)-DN300+	1413	406	606	1143	838	171
DN300	8415	CSL-485P(2)-DN300+	CSL-484P(2)-DN300+	1718	406	606	1448	838	209

BSPT Assemblies

Inlet / Outlet	Assembly m³/hr Rating	Assembly Part Number		Dimensions (mm)				Suggested Service Ht. (mm)	Approx. Weight (kg)
		Paper	Polyester	A	B	C	D		
3"	510	CSL-235P-301	CSL-234P-301	645	229	306	470	254	21
3"	510	CSL-335P-301	CSL-334P-301	645	229	306	470	381	23
4"	885	CSL-235P-401	CSL-234P-401	645	229	306	470	254	23
4"	885	CSL-335P-401	CSL-334P-401	645	229	306	470	381	25
5"	1360	CSL-245P-501	CSL-244P-501	680	279	406	495	254	37
5"	1360	CSL-345P-501	CSL-344P-501	680	279	406	495	381	40
6"	1870	CSL-275P-601	CSL-274P-601	705	305	406	521	254	43
6"	1870	CSL-375P-601	CSL-374P-601	755	305	406	521	381	44

Learn More

For more information about Solberg products and finding the right solutions for your equipment needs, visit us at **SolbergMfg.com**.

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All model offerings and design parameters are subject to change without prior notice.
 Contact your representative or visit www.solbergmfg.com for the most current information.

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