

Inline Right Angle Vacuum Filters

CSL Series 3" - 12"

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

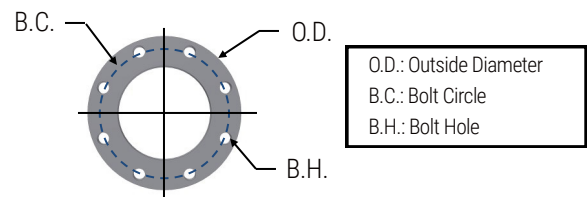
Options



- 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

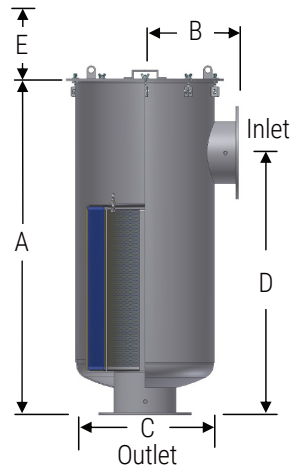
Technical Specifications

- Vacuum Rating: medium vacuum service
- Filter change out differential: 15-20" H₂O over initial ΔP
- Polyester: 99%+ removal efficiency standard to 5 micron
- Paper: 99%+ removal efficiency standard to 2 micron



All flanges are oriented "split center".

125/150# Pattern Flange	Dimensions (inches)			No. of Holes	Flange Thickness (inches)
	O.D.	B.C.	B.H.		
4"	9.00	7.50	0.75	8	0.5
5"	10.00	8.50	0.88	8	0.5
6"	11.00	9.50	0.88	8	0.5
8"	13.50	11.75	0.88	8	0.5
10"	16.00	14.25	1.00	12	0.5
12"	19.00	17.00	1.00	12	0.5



Flanged Assemblies

Inlet / Outlet	SCFM Rating	Assembly Part Number		Dimensions (inches)				Suggested Service Ht.	Approx. Weight (lbs)	Element SCFM Rating
		Paper	Polyester	A	B	C	D			
4"	520	CSL-235P-400F	CSL-234P-400F	25.37	9.00	12.00	18.50	10"	62	570
4"	520	CSL-335P-400F	CSL-334P-400F	25.50	9.00	12.00	18.50	15"	64	800
5"	800	CSL-245P-500F	CSL-244P-500F	26.50	11.00	16.00	19.50	10"	88	880
5"	800	CSL-345P-500F	CSL-344P-500F	26.50	11.00	16.00	19.50	15"	90	1100
6"	1100	CSL-275P-600F	CSL-274P-600F	27.50	12.00	16.00	20.50	10"	110	1100
6"	1100	CSL-375P-600F	CSL-374P-600F	27.50	12.00	16.00	20.50	15"	113	1500
8"	1800	CSL-377P-800F	CSL-376P-800F	37.25	14.00	20.00	25.50	15"	185	1825
10"	2900	CSL-685P-1000F	CSL-384P(2)-1000F	56.00	16.00	24.00	45.00	33"	380	6600
12"	4950	CSL-485P(2)-1200F	CSL-484P(2)-1200F	67.63	16.00	24.00	57.00	33"	465	9410

MPT Assemblies

Inlet / Outlet	SCFM Rating	Assembly Part Number		Dimensions (inches)				Suggested Service Ht.	Approx. Weight (lbs)	Element SCFM Rating
		Paper	Polyester	A	B	C	D			
3"	300	CSL-235P-300	CSL-234P-300	25.50	9.00	12.00	18.50	10"	47	570
3"	300	CSL-335P-300	CSL-334P-300	25.50	9.00	12.00	18.50	15"	50	800
4"	520	CSL-235P-400	CSL-234P-400	25.50	9.00	12.00	18.50	10"	52	570
4"	520	CSL-335P-400	CSL-334P-400	25.50	9.00	12.00	18.50	15"	55	800
5"	800	CSL-245P-500	CSL-244P-500	26.50	11.00	16.00	19.50	10"	82	880
5"	800	CSL-345P-500	CSL-344P-500	26.50	11.00	16.00	19.50	15"	88	1100
6"	1100	CSL-275P-600	CSL-274P-600	27.50	12.00	16.00	20.50	10"	95	1100
6"	1100	CSL-375P-600	CSL-374P-600	27.50	12.00	16.00	20.50	15"	97	1500

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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