

Inline Right Angle Vacuum Filters

CSL Series 3/8" - 4"

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

- Large holding capacity and easy field cleaning, especially when mounted horizontally or inverted
- Low pressure design

Features

- Seamless drawn housings
- O-ring seal
- Corrosive resistant powder coat carbon steel
- Stainless steel torsion clips for durability

Options

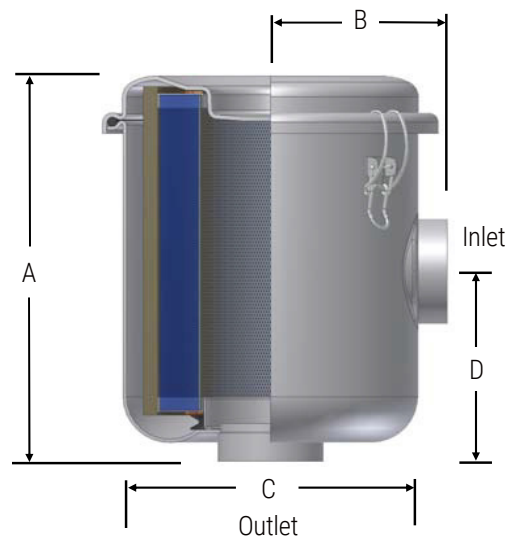


- Vacuum gauge
- Higher holding capacity configurations available (select models)
- Material/Finishes: epoxy coating, stainless steel (select models)
- Support brackets
- Alternative top-to-canister fastening system for low pressure or pulsating systems

Technical Specifications

- Vacuum Rating: medium vacuum service (33 to 1.3×10^{-3})
- Temp (continuous): min -15°F (-26°C) max 220°F (104°C)
- 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





Inlet / Outlet		Assembly SCFM Rating	Assembly Part Number		Dimensions (inches)				Suggested Service Ht. (inches)	Approx. Weight (lbs)	Element SCFM Rating
Size	Type		Polyester	Paper	A	B	C	D			
3/8"	BSPP	18	CSL-825-039KCB	CSL-824-039KCB	3.53	2.14	3.74	1.80	3	0.88	25
1/2"	NPSC	20	CSL-825-050KCB	CSL-824-050KCB	3.76	2.29	3.74	1.95	3	0.88	25
1/2"	NPSC	20	CSL-843-050KC	CSL-842-050KC	4.34	3.08	5.75	2.46	3	3	55
3/4"	NPSC	25	CSL-825-075KCB	CSL-824-075KCB	3.76	2.29	3.74	1.95	3	0.88	25
3/4"	NPSC	25	CSL-843-075KC	CSL-842-075KC	4.29	3.08	5.75	2.46	3	3	55
1"	NPSC	35	CSL-843-100KC	CSL-842-100KC	4.47	3.27	5.75	2.65	3	3	55
1"	NPSC	40	CSL-849-100KC	CSL-848-100KC	6.91	4.13	7.35	4.25	5	5	115
1 1/4"	NPSC	55	CSL-843-125KC	CSL-842-125KC	4.47	3.27	5.75	2.65	3	3	55
1 1/4"	NPSC	60	CSL-849-125KC	CSL-848-125KC	6.91	4.13	7.35	4.25	5	5	115
1 1/2"	NPSC	80	CSL-849-150KC	CSL-848-150KC	6.91	4.13	7.35	4.25	5	5	115
2"	NPSC	175	CSL-851-200KC	CSL-850-200KC	10.10	4.46	8.74	4.97	9	15	290
2 1/2"	FNPT	210	CSL-851-250KC	CSL-850-250KC	10.63	5.10	8.74	5.50	9	15	290
3"	FNPT	300	CSL-239-300KCB	CSL-238-300KCB	14.03	7.19	13.25	7.13	9	33	570
3"	MNPT	300	CSL-2541-300B	CSL-2540-300B	15.41	8.50	13.25	8.50	12	30	800
4"	MNPT	520	CSL-2541-400B	CSL-2540-400B	16.38	9.53	13.25	9.50	12	32	800

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.

