



Inlet Vacuum Filters

"CSL" Series 8" - 12" 125/150# Pattern Flange

APPLICATIONS & EQUIPMENT

- Vacuum Pumps & Systems – P.D., Side Channel, Rotary Vane, Screw, Piston
- Vacuum Packaging Equipment
- Vacuum Furnaces
- Blowers - Side Channel & P.D.
- Intake Suction Filters
- Pneumatic Conveying Systems
- Remote Install for Piston, Screw & Centrifugal Compressors
- Factory Automation Equip
- Ash Handling
- Food Industry
- Paper Processing
- Glass, Ceramic Processing
- Waste Water Treatment
- Woodworking
- Cement
- Bag House Systems
- Envelope Manufacturing
- Chemical Processing

FEATURES & SPECIFICATIONS

- **Vacuum level:** Typically 1×10^{-3} mmHg (1.3×10^{-3} mbar)
- Polyester: 99%+ removal efficiency standard to 5 micron
- Paper: 99%+ removal efficiency standard to 2 micron
- Heavy duty T bolts for easy maintenance
- Hydrostatically tested to 0.5 bar pressure for vacuum tightness
- Low pressure drop
- Positive engagement O-ring seal system
- **Large** dirt holding capacity and **Easy** field cleaning, especially when mounted horizontally or inverted
- Inlet/outlet 1/4" gauge taps standard
- Rugged all steel construction w/baked enamel finish
- Temp (continuous): min -15°F (-26°C) max 220°F (104°C)
- Filter change out differential: 10" - 15" H₂O over initial delta P
- Pressure drop graphs available upon request

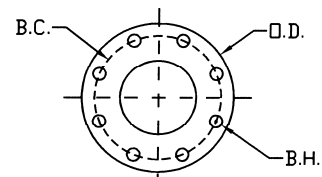
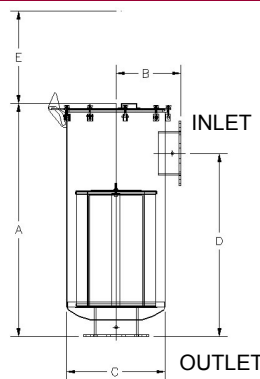
OPTIONS (Inquiries Encouraged)

- Various media
- Larger sizes available
- Straight-Through Configurations
- Available in **Stainless Steel**
- Epoxy coated housings
- Support brackets
- Special connections
- Activated carbon prefilters to reduce order

CONFIGURATION



DRAWING



Flange Orientation

Note: All side inlet to bottom outlet flanges are orientated "split center".

Dimension tolerance $\pm 1/4"$

INLET VACUUM FILTERS
CSL, ST, CT, VL, VS, LRS Series

I = Industrial Duty S = Severe Duty E = Extreme Duty

	with Polyester Element	with Paper Element	Flg Inlet & Outlet	DIMENSIONS - inches					Rated Flow SCFM Nominal Rating	SCFM Element Rating	Approx. Wt. lbs
				A	B	C	D	E			
I	CSL-377P-800F	CSL-376P-800F	8"	38	14	22 1/2	25 1/2	20	1800	1825	185
S	CSL-685P-1000F	CSL-384P(2)-1000F	10"	57 1/2	16	26 7/16	45	33	2900	6600	380
S	CSL-485P(2)-1200F	CSL-484P(2)-1200F	12"	69 1/2	16	26 7/16	57	25	4950	9410	465

* (2) denotes 2 filter elements

125/150# Pattern Flg	DIMENSIONS - inches			No. of Holes	Flange Thickness
	O.D.	B.C.	B.H.		
8"	13 1/2	11 3/4	0.88	8	0.38
10"	16	14 1/4	1	12	0.38
12"	19	17	1	12	0.5

Note: Model offerings and design parameters may change without notice.

Solberg – Discover the Possibilities

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