



Inlet Vacuum Filters

"CSL" Series 3" - 6" MPT

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
- Medical Industry
- 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) 220°F (max 104°C)
- Filter change out differential: 10" - 15" H₂O over initial delta P
- Pressure drop graphs available upon request

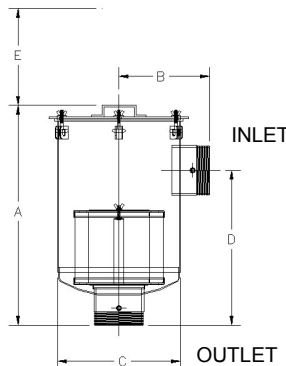
OPTIONS (Inquiries Encouraged)

- 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



Dimension tolerance $\pm 1/4"$

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

	with Polyester Element	with Paper Element	MPT Inlet & Outlet	DIMENSIONS - inches					Rated Flow SCFM		Approx. Wt. lbs
				A	B	C	D	E	Nominal Rating	Element Rating	
I	CSL-235P-300	CSL-234P-300	3"	27 1/8	9	14	18 1/2	10	300	570	47
S	CSL-335P-300	CSL-334P-300	3"	27 1/8	9	14	18 1/2	15	300	800	50
I	CSL-235P-400	CSL-234P-400	4"	27 1/8	9	14	18 1/2	10	520	570	52
S	CSL-335P-400	CSL-334P-400	4"	27 1/8	9	14	18 1/2	15	520	800	55
I	CSL-245P-500	CSL-244P-500	5"	28 1/8	11	18 1/2	19 1/2	10	800	880	82
S	CSL-345P-500	CSL-344P-500	5"	28 1/8	11	18 1/2	19 1/2	15	800	1100	88
I	CSL-275P-600	CSL-274P-600	6"	29 1/8	12	18 1/2	20 1/2	10	1100	1100	95
S	CSL-375P-600	CSL-374P-600	6"	29 1/8	12	18 1/2	20 1/2	15	1100	1500	97

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