



SMALL COMPACT INLET VACUUM FILTERS

"CSL" Series 3/8" - 3" BSPP

APPLICATIONS & EQUIPMENT

- Vacuum Pumps & Systems – Roots, Side Channel, Rotary Vane, Screw, Piston
- Vacuum Packaging Equipment
- Vacuum Lifters
- Blowers - Side Channel & Roots
- Intake Suction Filters
- Pneumatic Conveying Systems
- Soil Venting/Remediation
- Remote Installations for Piston & Screw Compressors
- Printing Industry
- Factory Automation Equip
- Leak Detection Systems
- Woodworking
- Medical Industry

FEATURES & SPECIFICATIONS

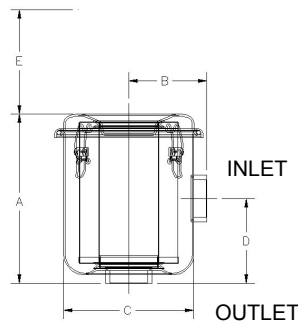
- **Vacuum level:** Typically 1×10^{-3} mmHg (1.3×10^{-3} mbar)
- Seamless drawn housings
- Brazed fittings for **High** vacuum duty
- Stainless steel torsion clips for durability
- Low pressure drop
- Positive engagement O-ring seal system
- **Large** dirt holding capacity and **Easy** field cleaning, especially when mounted horizontally or inverted
- Rugged all steel construction w/baked enamel finish
- Polyester: 99%+ removal efficiency standard to 5 micron
- Paper: 99%+ removal efficiency standard to 2 micron
- Temp (continuous): min -26°C (-15°F) max 104°C (220°F)
- Filter change out differential: 255 - 380 mm H₂O over initial delta P
- Pressure drop graphs available upon request

OPTIONS (Inquiries Encouraged)

- Vacuum gauge available
- Dome hood for high holding capacity
- Available in **Stainless Steel**
- Epoxy coated housings
- Activated carbon prefilter for odor
- Support brackets
- Alternate top-to-canister fastening system for low pressure or pulsating systems

CONFIGURATION

DRAWING



Dimension tolerance ± 6 mm

I = Industrial Duty S = Severe Duty

	with Polyester Element	with Paper Element	BSPP Inlet & Outlet	DIMENSIONS - mm					Rated Flow m ³ /h		Approx. Wt. Kg
				A	B	C	D	E	Nominal Rating	Element Rating	
I	CSL-825-039HC	CSL-824-039HC	3/8"	92	57	95	48	76	31	43	0.40
I	CSL-825-050HC	CSL-824-050HC	1/2"	92	57	95	48	76	31	43	0.40
I	CSL-843-050HC	CSL-842-050HC	1/2"	111	76	149	64	83	34	94	1.4
I	CSL-825-075HC	CSL-824-075HC	3/4"	95	57	95	48	76	41	43	0.40
S	CSL-843-075HC	CSL-842-075HC	3/4"	111	76	149	64	83	43	94	1.4
I	CSL-843-100HC	CSL-842-100HC	1"	111	83	149	67	83	60	94	1.4
S	CSL-849-100HC	CSL-848-100HC	1"	171	105	186	114	133	68	196	2.3
I	CSL-843-126HC	CSL-842-126HC	1 1/4"	111	83	149	67	83	94	94	1.4
S	CSL-849-126HC	CSL-848-126HC	1 1/4"	171	105	186	114	133	102	196	2.3
I	CSL-849-151HC	CSL-848-151HC	1 1/2"	171	105	186	114	133	136	196	2.3
I	CSL-851-201HC	CSL-850-201HC	2"	260	116	222	127	235	298	493	6.8
I	CSL-851-251HC	CSL-850-251HC	2 1/2"	267	130	222	140	235	357	493	6.8
I	CSL-239-301HC	CSL-238-301HC	3"	400	226	337	222	279	510	969	15

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

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