



ISO "L" Style Vacuum Filters

CSL Series NW16 - NW40 FLG

Features

- ISO flange connections
 - Stainless steel ISO flange
 - Buna o-ring sealed
- Seamless drawn housings
- Corrosive resistant carbon steel construction
- Powder coat finish (black models)
- O-ring housing seal
- Stainless steel torsion clips

Technical Specifications

- Vacuum Leak Rate: 1×10^{-5} mbar l/sec
- Vacuum Rating: Medium vacuum service*
- 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

*See Vacuum Filter Technical Data for vacuum service data.

Options



- Contact factory for larger sizes & ISO flanges
- Viton seals
- Stainless steel (select models)
- Activated alumina, activated zeolite media available for foreline trap and other applications

Applications

- Prevent dry scroll tip seal migration
- Vacuum coating
- Trap condensable vapors
- Protect against backstreaming
- Polycrystalline silicone ingot production
- Solar cell lamination
- Thin-film manufacturing



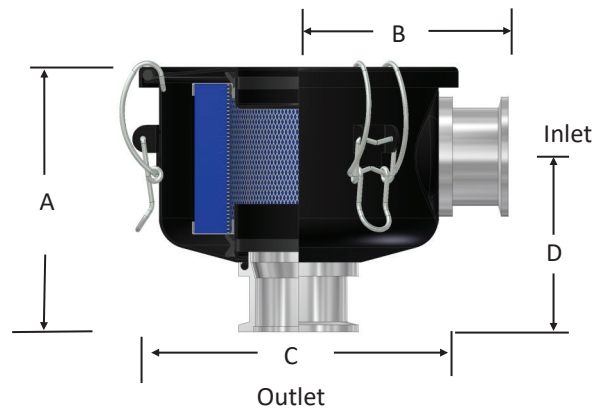
Black Housing Finish



Electroless Nickel Housing Finish

Rev: ISOC SLNW16-US1809K

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SS ISO Flange w/Black Housing Finish

ISO Flg Inlet & Outlet	Assembly SCFM Rating	Assembly Part Number		Dimensions - inches				Approx. Weight lbs.	Replacement Element Part No.		Element SCFM Rating
		Polyester	Paper	A	B	C	D		Polyester	Paper	
NW16	23	CSL-825-NW16B	CSL-824-NW16B	3 ⁷ / ₈	2 ⁵ / ₈	3 ³ / ₄	2 ¹ / ₄	0.88	825	824	25
NW25	25	CSL-825-NW25B	CSL-824-NW25B	3 ⁷ / ₈	2 ⁵ / ₈	3 ³ / ₄	2 ¹ / ₄	0.88	825	824	25
NW25	35	CSL-843-NW25B	CSL-842-NW25B	4 ³ / ₈	3 ³ / ₈	5 ³ / ₄	2 ⁵ / ₈	3	843	842	55
NW40	55	CSL-843-NW40B	CSL-842-NW40B	4 ³ / ₄	3 ³ / ₄	5 ³ / ₄	3 ¹ / ₈	3	843	842	55
NW40	80	CSL-849-NW40B	CSL-848-NW40B	7 ³ / ₁₆	4 ⁵ / ₈	7 ³ / ₈	5	5	849	848	115
K63	175	CSL-851-K63B	CSL-850-K63B	11 ¹¹ / ₁₆	6	8 ¹² / ₁₆	6 ¹ / ₂	15	851	850	290
K100	300	CSL-239-K100B	CSL-238-K100B	16 ¹ / ₈	8 ³ / ₄	13 ¹ / ₄	8 ⁹ / ₁₆	33	239	238	570

SS ISO Flange w/Electroless Nickel Housing

ISO Flg Inlet & Outlet	Assembly SCFM Rating	Assembly Part Number		Dimensions - inches				Approx. Weight lbs.	Replacement Element Part No.		Element SCFM Rating
		Polyester	Paper	A	B	C	D		Polyester	Paper	
NW16	23	CSL-825-NW16EN	CSL-824-NW16EN	3 ⁷ / ₈	2 ⁵ / ₈	3 ³ / ₄	2 ¹ / ₄	0.88	825	824	25
NW25	25	CSL-825-NW25EN	CSL-824-NW25EN	3 ⁷ / ₈	2 ⁵ / ₈	3 ³ / ₄	2 ¹ / ₄	0.88	825	824	25
NW25	35	CSL-843-NW25EN	CSL-842-NW25EN	4 ³ / ₈	3 ³ / ₈	5 ³ / ₄	2 ⁵ / ₈	3	843	842	55
NW40	55	CSL-843-NW40EN	CSL-842-NW40EN	4 ³ / ₄	3 ³ / ₄	5 ³ / ₄	3 ¹ / ₈	3	843	842	55
NW40	80	CSL-849-NW40EN	CSL-848-NW40EN	7 ³ / ₁₆	4 ⁵ / ₈	7 ³ / ₈	5	5	849	848	115
K63	175	CSL-851-K63EN	CSL-850-K63EN	11 ¹¹ / ₁₆	6	8 ¹² / ₁₆	6 ¹ / ₂	15	851	850	290
K100	300	CSL-239-K100EN	CSL-238-K100EN	16 ¹ / ₈	8 ³ / ₄	13 ¹ / ₄	8 ⁹ / ₁₆	33	239	238	570

See Vacuum Filter Technical Data for sizing guidelines.



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All model offerings and design parameters are subject to change without prior notice. Contact your representative or Solberg for the most current information.