

Multistage Liquid Knockout Tank & Filter

SLS / SRS Series

Overview

Solberg's Knockout Tank series provides heavy duty multistage liquid and particulate separators to protect vacuum pumps from harmful contaminants that destroy lubricating or seal oil. This turn-key solution for a majority of liquid removal applications is readily available and easily configured. Multiple separator pack options are available and adjustable legs are standard for easy installation. Sustain your vacuum levels and prevent emulsification in oil lubricated systems with the Knockout series.

Benefits

- Maximum pump protection with multi-stage filtration & separation
- Reduce costs with a singular modular design
- Housings may be used in a variety of conditions with multiple media pack options available
- Minimize frequent and costly maintenance checks with large liquid/slurry holding chamber

Features

- (2) 1" sight glass ports with sight glasses (low/high level)
- 1" upper chamber drain port
- 1/4" plugged differential ports on inlet and outlet
- 1/2" plugged equalization port for use with pneumatic drain system
- 6 position adjustable legs, pre drilled to accept pneumatic drain system option
- Predrilled floor anchor holes
- Nameplate
- 2" drain with brass ball valve included
- Lifting lugs on the tank body

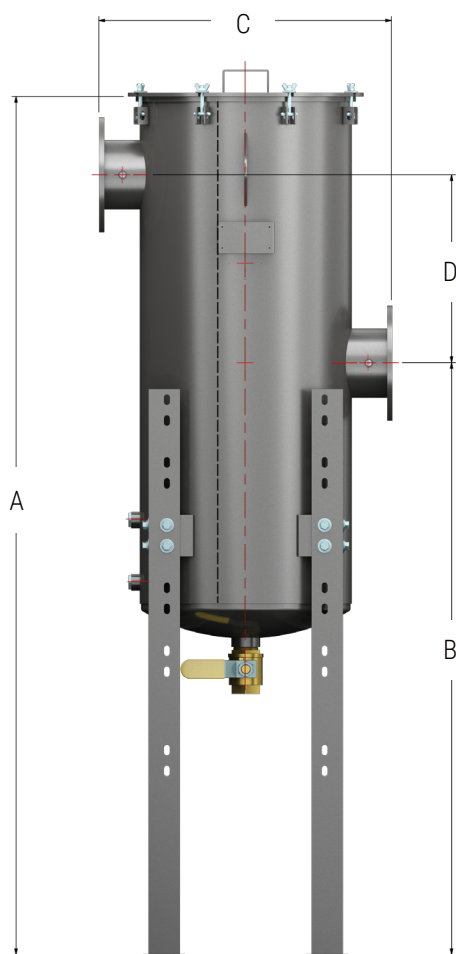
Options

- Flange adapters
- Available with either wire mesh element or demister pad
- Custom tanks denoted with SRS prefix

Technical Specifications

- Service range: up to 1000 mbar absolute
- Polyester element: 99%+ removal efficiency to 1 or 5 micron





PN Flange Size		Pump Max Flow Rating (m³/hr)							
		300	510	670	885	1170	1870	3060	4930
DN80	Demister	Green	Yellow	Red	Red	Red	Red	Red	Red
	Wire Mesh	Green	Green	Yellow	Red	Red	Red	Red	Red
DN100	Demister	Green	Green	Green	Yellow	Red	Red	Red	Red
	Wire Mesh	Green	Green	Green	Green	Yellow	Red	Red	Red
DN150	Demister	Green	Green	Green	Green	Green	Yellow	Red	Red
	Wire Mesh	Green	Green	Green	Green	Green	Green	Yellow	Red
DN200	Demister	Green	Green	Green	Green	Green	Green	Yellow	Red
	Wire Mesh	Green	Green	Green	Green	Green	Green	Green	Yellow
DN250	Demister	Green	Green	Green	Green	Green	Green	Green	Yellow
	Wire Mesh	Green	Green	Green	Green	Green	Green	Green	Green

Green	Suitable for use in this flow range
Yellow	Contact Solberg for review of application
Red	Not recommended for use at listed flowrate

PN10 Flange Connection	Assembly Flow Range m3/hr	Assembly Part Number	Dimensions (mm)				Suggested Service Ht. (mm)		Holding Capacity (liter)	Upper Element Part Number	Lower Element Part Number
			A*	B*	C	D	Upper	Lower			
DN80	300 - 510	SLSDN80	1988	1340	508	457	250	660	19	235™ / 235Z	230S / DM8
DN100	510 - 885	SLSDN100	1988	1340	597	457	254	711	34	245™ / 245Z	234S / DM12
DN150	885 - 1170	SLSDN150	2089	1441	737	419	381	838	57	375™ / 375Z	274S / DM16
DN200	1170 - 3060	SLSDN200	2089	1441	880	419	381	838	91	377™ / 377Z	276S / DM20
DN250	1870 - 4930	SLSDN250	2369	1619	1016	432	381	1016	151	385™ / 385Z	384S / DM26

*Height can be adjusted up or down in 152.5 mm increments to a maximum of 305 mm in either direction.

Note: Vacuum level, temperature, and materials being separated can significantly affect performance. For any conditions outside of those listed, please contact factory to discuss your application specifics.

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.

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