

Multistage Liquid Knockout Tank & Filter

TKO / 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
- ¼" plugged differential ports on inlet and outlet
- ½" 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

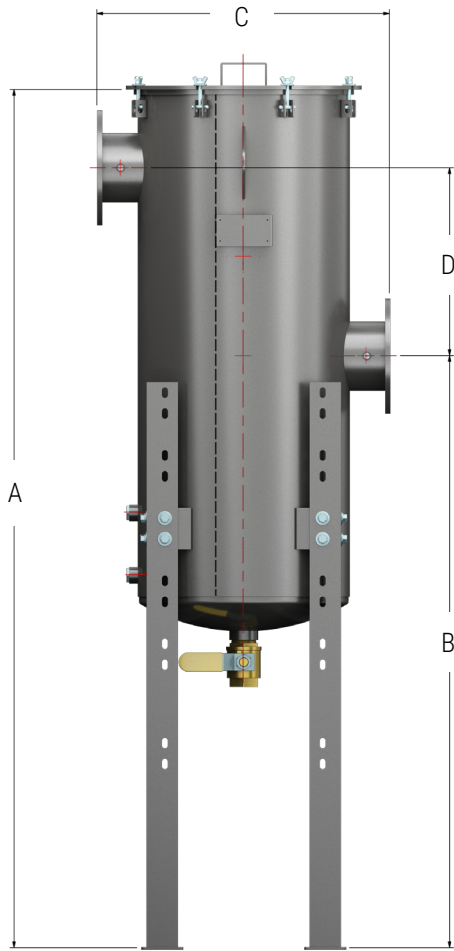
Options

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

Technical Specifications

- Service range: up to 14.7 PSI absolute
- Polyester element: 99%+ removal efficiency to 1 or 5 micron





ANSI Flange Size		Pump Max Flow Rating (SCFM)							
		175	300	400	520	700	1100	1800	2900
3"	Demister	Green	Yellow	Red	Red	Red	Red	Red	Red
	Wire Mesh	Green	Green	Yellow	Red	Red	Red	Red	Red
4"	Demister	Green	Green	Green	Yellow	Red	Red	Red	Red
	Wire Mesh	Green	Green	Green	Green	Yellow	Red	Red	Red
6"	Demister	Green	Green	Green	Green	Green	Yellow	Red	Red
	Wire Mesh	Green	Green	Green	Green	Green	Green	Yellow	Red
8"	Demister	Green	Green	Green	Green	Green	Green	Yellow	Red
	Wire Mesh	Green	Green	Green	Green	Green	Green	Green	Yellow
10"	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

ANSI Flange Size	Assembly Flow Range (SCFM)	Assembly Part Number	Dimensions (inches)				Suggested Service Height		Holding Capacity (gallons)	Upper Element Part No.	Lower Element Part No.
			A*	B*	C	D	Upper	Lower			
3"	175 - 300	TK0300F	78.25	52.75	20.00	18.00	10"	26"	5	235™ / 235Z	230S / DM8
4"	300 - 520	TK0400F	78.25	52.75	23.50	18.00	10"	28"	9	245™ / 245Z	234S / DM12
6"	520 - 700	TK0600F	82.25	56.75	29.00	16.50	15"	33"	15	375™ / 375Z	274S / DM16
8"	700 - 1800	TK0800F	82.25	56.75	34.63	16.50	15"	33"	24	377™ / 377Z	276S / DM20
10"	1100 - 2900	TK01000F	93.25	63.75	40.00	17.00	15"	40"	40	385™ / 385Z	384S / DM26

*Height can be adjusted up or down in 6" increments to a maximum of 12" 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**.

Sales/Service: +1 (630) 773-1363
sales@solbergmfg.com

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.

Rev: US2503C2