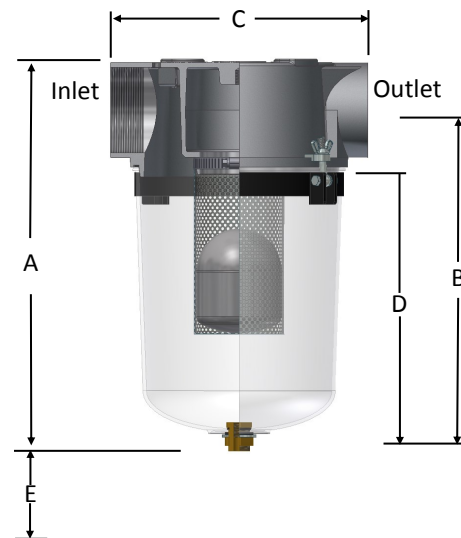
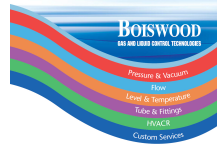




SOLBERG®

See -Through Liquid Separator STS Series 1"-4"



Operating Principle

- Inlet air with potentially harmful liquid and large particulate enters the housing and is separated by a baffling mechanism and directional air flow changes.
- The larger particles and liquid drops down and collects at the bottom of the separator.
- The float capsule within the separator screen rises with the liquid level until max capacity and limits the flow thereby protecting the pump from damage.

Features

- Vacuum Rating: Medium vacuum service**
- Bucket made from shatter resistant polycarbonate
- Corrosion resistant cast aluminum head w/knock-out baffle
- Stainless steel float capsule for emergency shut off
- Stainless steel perforated float tube (SS expanded metal float tube on 1" - 1-1/2")
- Clamp style swing bolts on 3" & 4" standard
- Temperature ratings: max 220°F (104°C)
- 1/4" FPT drain (1" to 1-1/2"), 1/2" FPT drain (2" to 4")
- Drill points for additional taps:
 - 1", 1-1/4", 1-1/2", 3", 4" (gauge or bracket)
- 1/4" FPT inlet/outlet taps for gauges: 2", 2-1/2"

Benefits

- Minimize the likelihood of liquid and debris from damaging vacuum valves and pumps
- Easy visual inspection with see-through housing
- Reduce piping costs with "T" style configuration
- Compact design for space restricted work areas

Options

- Float level port/switch
- Cast head protective coatings
- Heavy duty carbon steel buckets available
- Clamp style swing bolts on 1" to 2-1/2"
- Spool piece extender on select models
- Drain packages
- Pressure drop gauge

** See Vacuum Filter Technical Data for vacuum service data.

Inlet/ Outlet		Assembly	Assembly Part Number	Dimensions - inches				Suggested Service HT.	Holding Capacity gal.
Size	Type	SCFM Rating		A	B	C	D	E	
1"	NPSC	40	STS-100C	14 1/4	12 13/16	7	11 1/4	9	0.4
1-1/4"	NPSC	60	STS-125C	14 1/4	12 13/16	7	11 1/4	9	0.4
1-1/2"	NPSC	80	STS-150C	14 1/4	12 13/16	7	11 1/4	9	0.4
2"	NPSC	175	STS-200C	17 1/4	15 1/4	9	13 1/2	9	1
2-1/2"	FPT	210	STS-250C	17 1/4	15 1/4	9	13 1/2	9	1
3"	FPT	300	STS-300C	20 9/16	17 7/8	13 1/2	14 7/8	9	2
4"	FPT	500	STS-400C	20 9/16	17 7/8	13 1/2	14 7/8	9	2

Note: Model offerings and design parameters may change without notice. See www.solbergmfg.com for most current offering.