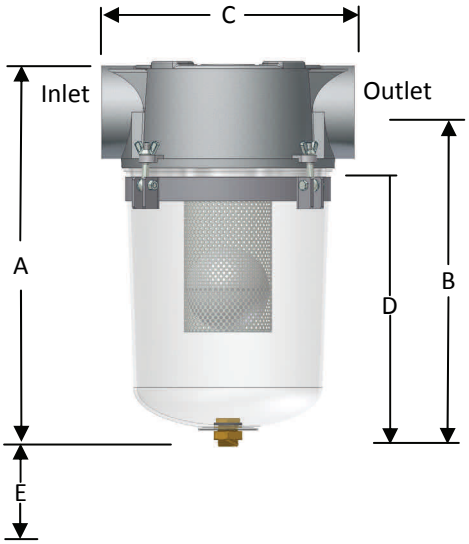
See -Through Liquid Separator
STS Series 1 - 4” BSPP



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 ball within the separator screen rises with the liquid level until max capacity and cuts off the flow thereby protecting the pump from damage.

Benefits

- Prohibit liquid and debris from damaging vacuum valves and pumps
- Easy visual inspection with see-through housing
- Minimize piping costs with “T” style configuration
- Compact design for space restricted work areas

Features

- High impact, shatter resistant, polycarbonate bucket
- Corrosion resistant cast aluminum head with integrated knock-out baffle
- Cast head with tap hole guides for mounting brackets (2” - 4” size)
- Stainless steel float ball for emergency shut off
- Stainless steel perforated float ball tube (stainless steel expanded metal tube for 1” - 1-1/2” size)
- Clamp style T-bolts standard
- Temperature ratings: max 125°C (257°F)
- 1/2” drain
- 1/4” differential gauge ports 2” to 4”

Options

- Float level port/switch
- Cast head protective coatings: stainless steel, epoxy finish, PTFE
- Heavy duty carbon steel buckets available
- Spool piece extender on select models
- Pressure drop gauge
- Contact factory about 1” to 1-1/2” sizes

BSPP Connections

BSPP Inlet & Outlet	Assembly m^3/h Rating	Assembly Part Number	Dimensions - mm A	B	C	D	Suggested Service HT. E	Holding Capacity (liter)
1"	68	STS-101C	340	303	178	264	228	1.6
1-1/4"	102	STS-126C	340	303	178	264	228	1.6
1-1/2"	136	STS-151C	340	303	178	264	228	1.6
2"	297	STS-201C	413	362	229	318	228	1.9
2-1/2"	356	STS-251C	413	362	229	318	228	1.9
3"	510	STS-301C	502	432	343	356	228	5.7
4"	850	STS-401C	502	432	343	356	228	5.7

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