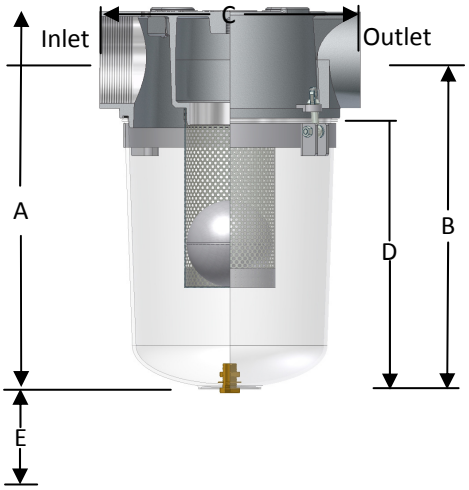
See -Through Liquid Separator
STS Series 1 - 4” FPT



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
- Stainless steel float ball for emergency shut off
- Clamp style T-bolts standard
- Temperature ratings: max 257°F (125°C)
- 1/2” drain
- 1/4” differential gauge ports

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

FPT Connections

FPT Inlet & Outlet	Assembly SCFM Rating	Assembly Part Number	Dimensions - inches A	B	C	D	Suggested Service HT. E	Holding Capacity gal.
1"	68	STS-100C	13 3/8	11 15/16	7	10 3/8	10	0.4
1-1/4"	102	STS-125C	13 3/8	11 15/16	7	10 3/8	10	0.4
1-1/2"	136	STS-150C	13 3/8	11 15/16	7	10 3/8	10	0.4
2"	297	STS-200C	16 1/4	14 1/4	9	12 1/2	12	1
2-1/2"	356	STS-250C	16 1/4	14 1/4	9	12 1/2	12	1
3"	510	STS-300C	19 3/4	17	13 1/2	14	14	2
4"	850	STS-400C	19 3/4	17	13 1/2	14	14	2

Dimension tolerance ± 1/4”

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