

## See-Through Liquid Separator STS Series 2" to 4" FPT Connections



- Protect Vacuum Pump & Systems
- See Through Housing
- Vacuum Tested
- Save costs
- Easy visual inspection for simplified maintenance
- Prohibit liquid and debris from damaging vacuum valves and pumps
- Quick release clamps provide for easy disassembly (no tool needed)
- Minimize piping costs with "T" style configuration.

### OPERATIONS

- Inlet air with potentially harmful liquid and large particulate enters the STS 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.

### APPLICATIONS & EQUIPMENT

- Food packaging
- Soil Remediation
- Metal processing/chip processing
- Vacuum pumps & systems

### FEATURES & SPECIFICATIONS

- High impact, shatter resistant see through polycarbonate bucket
- Corrosion resistant cast aluminum head with integrated knock-out baffle
- Cast Head includes tap hole guides for mounting brackets
- 50 mesh 304SS separator screen prevents large debris from entering pump
- Stainless steel float ball for emergency shut off

- 1" FPT drain
- 1/4" differential gauge ports
- Compact design for space restrictions
- Temperature Ratings:
  - Complete Assembly max: 220°F
  - See-Through bucket max: 290°F

### OPTIONS

- Cast head protective coatings: Stainless steel coating, epoxy finish, Teflon finish
- Swing bolts for selected models
- Heavy duty carbon steel buckets available with 2" to 6" FPT connections
- Accessories: Vacuum gauges, valves

Model	FPT Inlet & Outlet	DIMENSIONS - inches					Holding Capacity Gal.	Nominal SCFM Rating
		A	B	C	D	E		
STS-200C	2"	16 1/4	14 1/4	9	12 1/2	22	2.15	290
STS-250C	2-1/2"	16 1/4	14 1/4	9	12 1/2	22	2.15	290
STS-300C	3"	19 3/4	17	13 1/2	14	25	3.5	570
STS-400C	4"	19 3/4	17	13 1/2	14	25	3.5	570

