



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



- Protect Vacuum Pump & Systems
- See Through Housing
- Vacuum Tested
- Save Costs

BENEFITS

- ♦ Easy visual inspection for simplified maintenance
- ♦ Prohibit liquid and debris from damaging vacuum valves and pumps
- ♦ Easy release configuration for disassembly (No tools 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

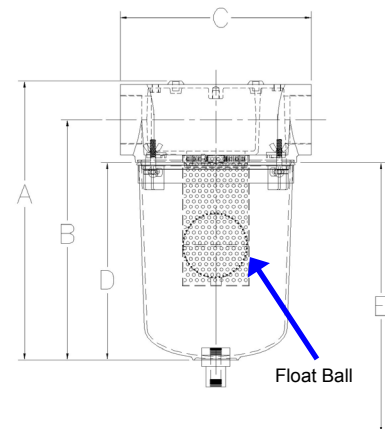
FEATURES & SPECIFICATIONS

- ♦ 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
- ♦ Clamp style T-bolts for 3" & 4" connections
- ♦ Durable stainless steel torsion clips for 2" & 2-1/2" connections
- ♦ 3/4" 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 (Inquires Encouraged)

- ♦ Cast head protective coatings: Stainless steel coating, epoxy finish, Teflon finish
- ♦ Float level port and switch
- ♦ Heavy duty carbon steel buckets available with 2" to 6" FPT connections
- ♦ Accessories: Vacuum gauges, valves

Model	FPT Inlet & Outlet	DIMENSIONS - inches					Nominal SCFM Rating	Holding Capacity Gal.
		A	B	C	D	E		
STS-200C	2"	16 1/4	14 1/4	9	12 1/2	22	290 150	0.5 1
STS-250C	2-1/2"	16 1/4	14 1/4	9	12 1/2	22	290 150	0.5 1
STS-300C	3"	19 3/4	17	13 1/2	14	25	570 300	1.5 2
STS-400C	4"	19 3/4	17	13 1/2	14	25	570 300	1.5 2



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