



SYSTEM MODEL		TSS-A-500-HH	TSS-A-501-HH	TSS-A-500-LH	TSS-A-501-LH
	Design Flow Rate, GPM	510@80 TDH	650@80 TDH	510@40 TDH	650@40 TDH
Item 1	Separator Model	CS-5T-FLG Carbon Steel, Powder Coated			
Item 2	Frame Construction	Carbon Steel, Powder Coated			
Item 3	Pipe Assembly	Schedule 80 PVC with Enamel Finish*			
Item 4	Conductivity Meter	(SEE SECTION 12)			
MOTOR 460 VAC TEFC					
Item 5	Horsepower	20 hp		10 hp	15 hp
	Approximate Amps @ 460V	27 amps		14 amps	21 amps
	RPM	3500	1750	3500	
PUMP					
Item 6	Pump Casing	Cast Iron			
	Pump Impeller	Bronze			
	Std. Mechanical Seal	VITON Elastomer, Silicon Carbide Seat, Carbon Rotary			
BASKET STRAINER (Standard)					
Item 7	Body Construction	Cast Iron			
	Internal Screen	1/4" Perforated 304 Stainless Steel			
	Connection Type	Class 150 FLG			
CONTROL PANEL (UL listed and labeled, manufactured to UL-508A Std.)					
Item 8	Enclosure	NEMA 4 Powder Coated, Watertight, UL listed and CSA approved			
	Electrical Components	Starter with Thermal Overload, HOA, 460/120 Transformer with Circuit Breakers, Pump "RUN" Light, Lockable Door Disconnect, Magnetic Contactor, Manufactured with all UL listed & CSA approved electrical components.			
	Service Light (Std.)	25 Watt, Amber, 120 VAC			
RECOVERY TANK					
Item 9	Body Construction	304 Stainless Steel			
	Internal Screen	304 Stainless Steel			
	Filter Bag	25 Micron Polypropylene			
	Differential Press. Switch	Dial Indicator with Dry N.O. Contact			
PURGE VALVE					
Item 10	Actuator, Motorized Spring Return	120 VAC 60Hz			
	Connection type	1-1/2" Female NPT, Ball Valve			
SPECIFICATIONS					
	Dim "A"			70"	
	Dim "B"			36"	
	Dim "C"			36"	
	Max. Inlet P.S.I.			100	
	Max. Operating P.S.I.			150	
	Max. Operating Temp.			100°F	
	Inlet (Class 150 FLG.)	4"	6"	5"	
	Outlet (Class 150 FLG.)			5"	
	Shipping Weight	1200 Lbs		1000 Lbs	

Note: Dimensions are approximate and are for reference only. Dimensions subject to change without notice. Weights are approximate.
 * Optional or as required by temperature/pressure requirements---Carbon Steel, Rust Inhibitor Primer with Enamel finish.