



SYSTEM MODEL		TSS-A-1200-NRT-HH	TSS-A-1201-NRT-HH	TSS-A-1200-NRT-LH	TSS-A-1201-NRT-LH
	Design Flow Rate, GPM	2900@80 TDH *	3700@80 TDH	2900@40 TDH *	3700@40 TDH
Item 1	Separator Model	CS-12T-FLG Carbon Steel, Powder Coated			
Item 2	Frame Construction	Carbon Steel, Powder Coated			
Item 3	Pipe Assembly	Carbon Steel, Rust Inhibitor Primer with Enamel finish			
Item 4	Conductivity Meter	(SEE SECTION 12)			
<b>MOTOR 460 VAC TEFC</b>					
Item 5	Horsepower	75 hp	100 hp	40 hp	50 hp
	Approximate Amps @ 460V	96 amps	124 amps	52 amps	21 amps
	RPM	1750		1150	
<b>PUMP</b>					
Item 6	Pump Casing	Cast Iron			
	Pump Impeller	Bronze			
	Std.Mechanical Seal	VITON Elastomer, Silicon Carbide Seat, Carbon Rotary			
<b>STRAINER (Standard)</b>		Basket	Y-Strainer		
Item 7	Body Construction	Cast Iron			
	Internal Screen	1/4" Perforated 304 Stainless Steel			
	Connection Type	Class 150 FLG.			
<b>CONTROL PANEL (UL listed and labeled, manufactured to UL-508A Std.)</b>					
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			
<b>PURGE VALVE</b>					
Item 9	Actuator, Motorized Spring Return	120 VAC 60Hz			
	Connection type	2" Female NPT, Ball Valve			
<b>SPECIFICATIONS</b>					
Dim "A"		120"			
Dim "B"		70"	72"		
Dim "C"		84"	106"		
Max. Inlet P.S.I.		100			
Max. Operating P.S.I.		150			
Max. Operating Temp.		120°F			
Inlet (Class 150 FLG.)		10"	12"		
Outlet (Class 150 FLG.)		12"			
Shipping Weight		5000 Lbs	5600	5500 Lbs	

Note: Dimensions are approximate and are for reference only. Dimensions subject to change without notice. Weights are approximate.  
 \* Component Arrangement May Vary from Drawing