



SYSTEM MODEL		CSS-251-SP
	Design Flow Rate, GPM	160@80 TDH
Item 1	Separator Model	CS-2.5T-THD Carbon Steel, Powder Coated
Item 2	Frame Construction	Carbon Steel, Powder Coated
Item 3	Pipe Assembly	Carbon Steel, Rust Inhibitor Primer with Enamel Finish
<b>MOTOR 460 VAC TEFC</b>		
Item 4	Horsepower	5 hp
	Approximate Amps @ 460V	7.6 amps
	RPM	3500
<b>PUMP</b>		
Item 5	Pump Casing	Cast Iron
	Pump Impeller	Silicon Bronze
	Std. Mechanical Seal	BUNA Elastomer, Ceramic Seat, Carbon Rotary
<b>BASKET STRAINER (Optional)</b>		
Item 6	Body Construction	Cast Iron
	Internal Screen	1/4" Perforated 304 Stainless Steel
	Connection Type	Female NPT Thread
<b>CONTROL PANEL (UL listed and labeled, manufactured to UL-508A Std.)</b>		
Item 7	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, Purge Timer, Manufactured with all UL listed & CSA approved electrical components.
<b>PURGE VALVE (Requires Power to Open and Power to Close. Must Close Manually if Open During a Power Outage)</b>		
Item 8	Actuator, Motorized	120 VAC 60Hz
	Connection Type	1" Female NPT, Ball Valve
<b>SPECIFICATIONS</b>		
	Dim "A"	67"
	Dim "B"	36"
	Dim "C"	36"
	Max. Inlet P.S.I.	75
	Max. Operating P.S.I.	125
	Max. Operating Temp.	100°F
	Inlet (Female NPT Thread)	3"
	Outlet (Female NPT Thread)	2-1/2"
	Shipping Weight	680 Lbs

Note: Dimensions are approximate and are for reference only. Dimensions subject to change without notice. Weights are approximate.