



SYSTEM MODEL		CSS-800-SP	CSS-801-SP
	Design Flow Rate, GPM	1400@80 TDH	1700@80 TDH
Item 1	Separator Model	CS-8T-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	
MOTOR 460 VAC TEFC			
Item 4	Horsepower	40 hp	50 hp
	Approximate Amps @ 460V	52 amps	65 amps
	RPM	1750	
PUMP			
Item 5	Pump Casing	Cast Iron	
	Pump Impeller	Cast Iron	
	Std. Mechanical Seal	BUNA Elastomer, Ceramic Seat, Carbon Rotary	
BASKET STRAINER (Optional)			
Item 6	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 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.	
PURGE VALVE (Requires Power to Open and Power to Close. Must Close Manually if Open During a Power Outage)			
Item 8	Actuator, Motorized	120 VAC 60Hz	
	Connection Type	2" Female NPT, Ball Valve	
SPECIFICATIONS			
	Dim "A"	88"	
	Dim "B"	68"	
	Dim "C"	80"	
	Max. Inlet P.S.I.	15	
	Max. Operating P.S.I.	65	
	Max. Operating Temp.	120°F	
	Inlet (Class 150 Flange)	6"	
	Outlet (Class 150 Flange)	8"	
	Shipping Weight	3000 Lbs	

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