



SYSTEM MODEL		CSS-500-SP
	Design Flow Rate, GPM	525@80 TDH
Item 1	Separator Model	CS-5T-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	20 hp
	Approximate Amps @ 460V	27 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	1-1/2" Female NPT, Ball Valve
SPECIFICATIONS		
	Dim "A"	62-7/8"
	Dim "B"	50-1/2"
	Dim "C"	40"
	Max. Inlet P.S.I.	10
	Max. Operating P.S.I.	60
	Max. Operating Temp.	100°F
	Inlet (Class 150 Flange)	4"
	Outlet (Class 150 Flange)	5"
	Shipping Weight	1300 Lbs

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