



| SYSTEM MODEL | | GLS-500-HH | CSS-500-HH |
|---|---------------------------|---|------------|
| | Design Flow Rate, GPM | 525@40 TDH | 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 | 10 hp | 20 hp |
| | Approximate Amps @ 460V | 14 amps | 27 amps |
| | RPM | 3500 | |
| PUMP | | | |
| Item 5 | Pump Casing | Cast Iron | |
| | Pump Impeller | Bronze | |
| | Std. Mechanical Seal | VITON Elastomer, Silicon Carbide Seat, Carbon Rotary | |
| BASKET STRAINER (Optional) | | | |
| Item 6 | Body Construction | Cast Iron | |
| | Internal Screen | 1/4" Perforated 304 Stainless Steel | |
| | Connection Type | Class 150 Flange | |
| 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" | 62-1/2" | 62-7/8" |
| | Dim "B" | 36" | 50-1/2" |
| | Dim "C" | 36" | 40" |
| | Max. Inlet P.S.I. | 100 | |
| | Max. Operating P.S.I. | 150 | |
| | Max. Operating Temp. | 100°F | |
| | Inlet (Class 150 Flange) | 5" | 4" |
| | Outlet (Class 150 Flange) | 5" | |
| | Shipping Weight | 1000 Lbs | |

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