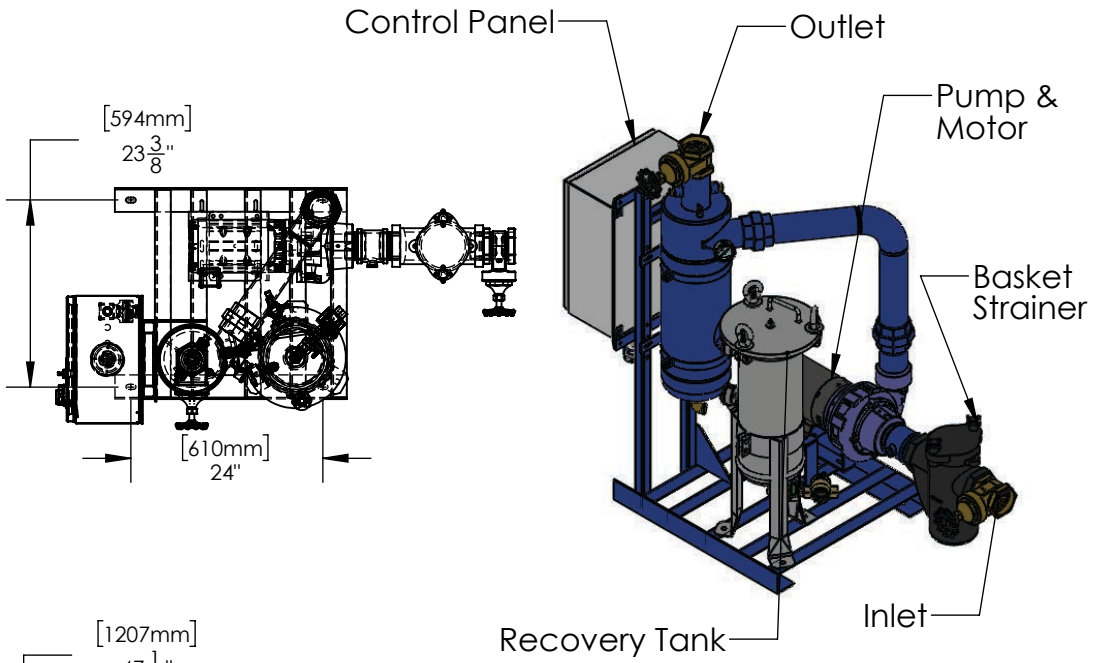
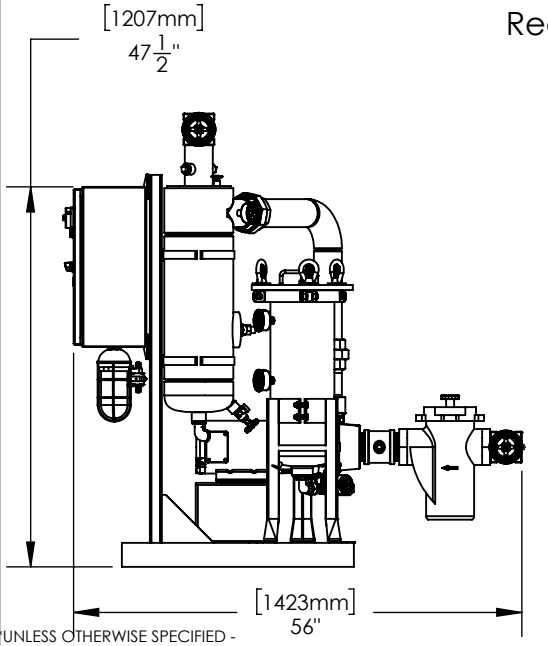
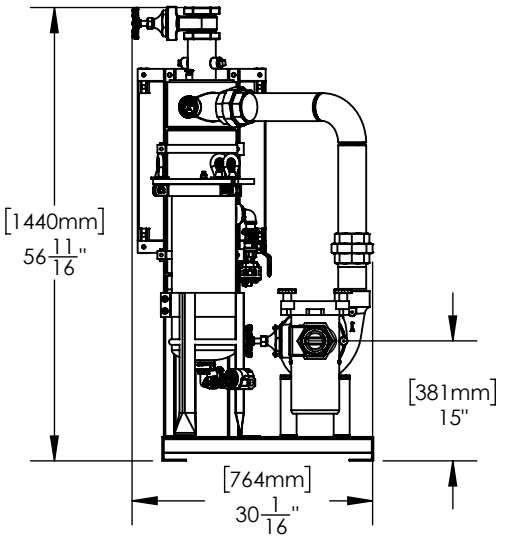
# CSR

# GENERAL WATER SYSTEMS

**THIS DRAWING IS FOR SPATIAL CONSIDERATION ONLY, AND SUBJECT TO CHANGE W/O PREVIOUS NOTICE, DO NOT PRE-PLUMB TO THESE DIMENSIONS**




*UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES

| CSR300-LH | | | | |
|---|---|---|---|---|
| Operating Point | 200 GPM (US) @ 40' TDH | | | |
| Separator - Size & Style | CS-3T-THD, Carbon Steel, Powder Coated | | | |
| Frame Construction | Carbon Steel (Welded), Powder Coated | | | |
| Pipe Assy - Construction | Carbon Steel (Welded), Powder Coated | | | |
| **ELECTRICAL - Motor & System** | | | | |
| Horsepower (HP) | 3 | | | |
| Power - Volts / Hz | 460/60 | 575/60 | 230/60 | 208/60 |
| RPM | 1750 | 1750 | 1750 | 1750 |
| Motor Amperage | 4.8 | 3.9 | 9.6 | 10.5 |
| System Total Amperage | 6.8 | 5.9 | 11.6 | 12.5 |
| **PUMP** | | | | |
| Installation | Flooded Suction Required | | | |
| Case Material | Cast Iron | | | |
| Impeller Material | Cast Iron | | | |
| Mechanical Seal | Buna - Carbon / Ceramic | | | |
| **BASKET STRAINER** | | | | |
| Body Construction | Cast Iron | | | |
| Strainer Mesh | Stainless Steel with 1/4" perforations | | | |
| Connection - Type & Size | Female NPT 3" | | | |
| **CONTROL PANEL (UL Listed & Labeled. Manufactured to UL 508A)** | | | | |
| Enclosure (UL listed & CSA approved) | NEMA 4 (STD) - Carbon Steel, Powder Coated<br>NEMA 4X (Optional) - 304 | | | |
| Electrical Components (UL listed & CSA approved) | Thermal Overload Starter, HOA, XFMR, "RUN" Light, Door Disconnect, Contactor | | | |
| **PROCESS INLET** | | | | |
| Connection - Type & Size | NPT 3" - Gate Valve | | | |
| **PROCESS OUTLET** | | | | |
| Connection - Type & Size | NPT 3" - Gate Valve | | | |
| **PURGE - RT (Recovery Tank)** | | | | |
| RT Size | RT-1 | | | |
| RT Connection Type | RTM-10 | | | |
| **PRESSURE - Maximum Operating** | | | | |
| Pump Inlet | 100 psi (6.9 bar) | | | |
| Vessel | 150 psi (10.3 bar) | | | |
| **TEMPERATURE - Maximum Operating** | | | | |
| System | 34ºF - 122ºF (1ºC - 50ºC) | | | |
| **WEIGHTS** | **DRY** | **SHIPPING** | **OPERATING** | |
| lbs (kg) | 580 (263) | 690 (313) | 687 (312) | |

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| PREPARED BY: VINH QUAN TRAN | PAGE: 1 | |
| RELEASED BY: BOB KAZANJY | DATE: 12/20/2018 | REV: A |


General Water Systems | P. O. Box 444 | Desert Hot Spring | CA | 92204
www.gwslp.com | info@gwslp.com | 951.213.9506 | 386.255.3909