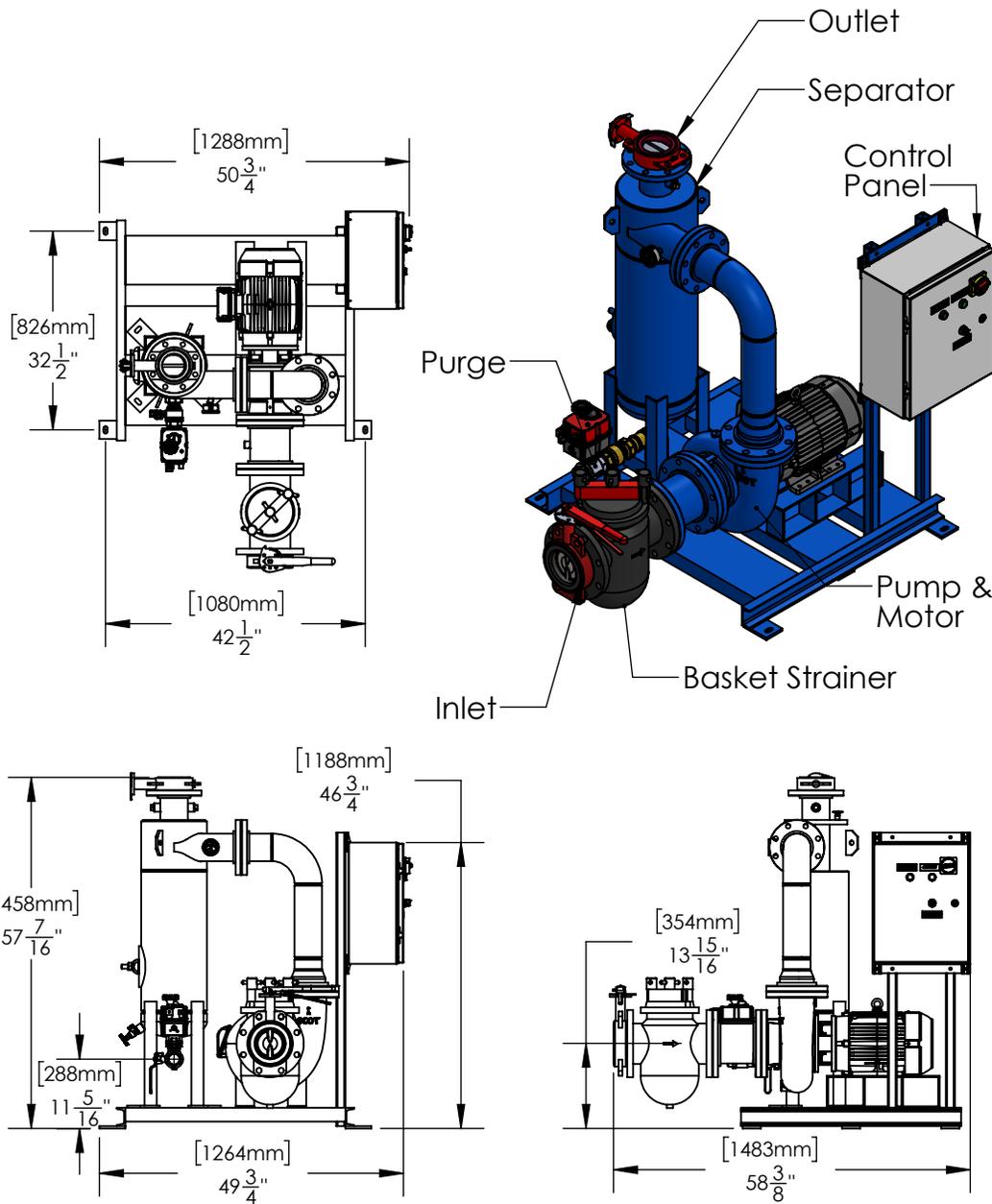


THIS DRAWING IS FOR SPATIAL CONSIDERATION ONLY, AND SUBJECT TO CHANGE W/O PREVIOUS NOTICE, DO NOT PRE-PLUMB TO THESE DIMENSIONS



### CSS401-LH

|                          |  |  |  |  |
|--------------------------|--|--|--|--|
| Operating Point          | 475 GPM (US) @ 40' TDH                 |  |  |  |
| Separator - Size & Style | CS-4T-FLG, Carbon Steel, Powder Coated |  |  |  |
| Frame Construction       | Carbon Steel (Welded), Powder Coated   |  |  |  |
| Pipe Assy - Construction | Carbon Steel (Welded), Powder Coated   |  |  |  |

#### ELECTRICAL - Motor & System

|                       |        |        |        |        |
|-----------------------|--------|--------|--------|--------|
| Horsepower (HP)       | 7.5    |        |        |        |
| Power - Volts / Hz    | 460/60 | 575/60 | 230/60 | 208/60 |
| RPM                   | 1750   | 1750   | 1750   | 1750   |
| Motor Amperage        | 11     | 9      | 22     | 24.2   |
| System Total Amperage | 13     | 11     | 24     | 26.2   |

#### PUMP

|                   |                          |
|-------------------|--------------------------|
| Installation      | Flooded Suction Required |
| Case Material     | Cast Iron                |
| Impeller Material | Cast Iron                |
| Mechanical Seal   | Buna - Carbon / Ceramic  |

#### BASKET STRAINER (Optional)

|                          |  |
|--------------------------|--|
| Body Construction        | Cast Iron                              |
| Strainer Mesh            | Stainless Steel with 1/4" perforations |
| Connection - Type & Size | 6" FLG (150#)                          |

#### 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, Purge Timer |

#### PROCESS INLET

|                          |                                 |
|--------------------------|---------------------------------|
| Connection - Type & Size | 6" FLG (150#) - Butterfly Valve |
|--------------------------|---------------------------------|

#### PROCESS OUTLET

|                          |                                 |
|--------------------------|---------------------------------|
| Connection - Type & Size | 4" FLG (150#) - Butterfly Valve |
|--------------------------|---------------------------------|

**NOTE: Pump Inlet/Outlet subject to change from 4" x 4" to 6" x 4" at the discretion of GWS**

#### PURGE - MBV (Motorized Ball Valve)

|                 |                 |
|-----------------|-----------------|
| Actuator Motor  | 24-240V AC/DC   |
| Connection Type | Female NPT 1.5" |

#### PRESSURE - Maximum Operating

|            |                    |
|------------|--------------------|
| Pump Inlet | 100 psi (6.9 bar)  |
| Vessel     | 150 psi (10.3 bar) |

#### TEMPERATURE - Maximum Operating

|        |                           |
|--------|---------------------------|
| System | 34°F - 122°F (1°C - 50°C) |
|--------|---------------------------|

| WEIGHTS  | DRY       | SHIPPING   | OPERATING  |
|----------|-----------|------------|------------|
| lbs (kg) | 912 (414) | 1100 (499) | 1071 (486) |

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REV

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DATE:  
**09/25/2021**



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 \*UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES

**CSS401-LH**