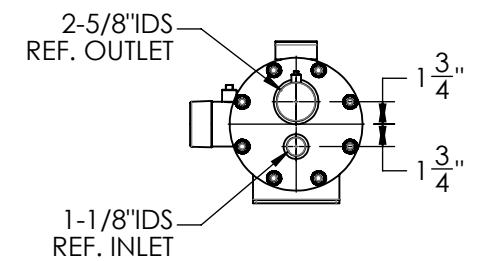
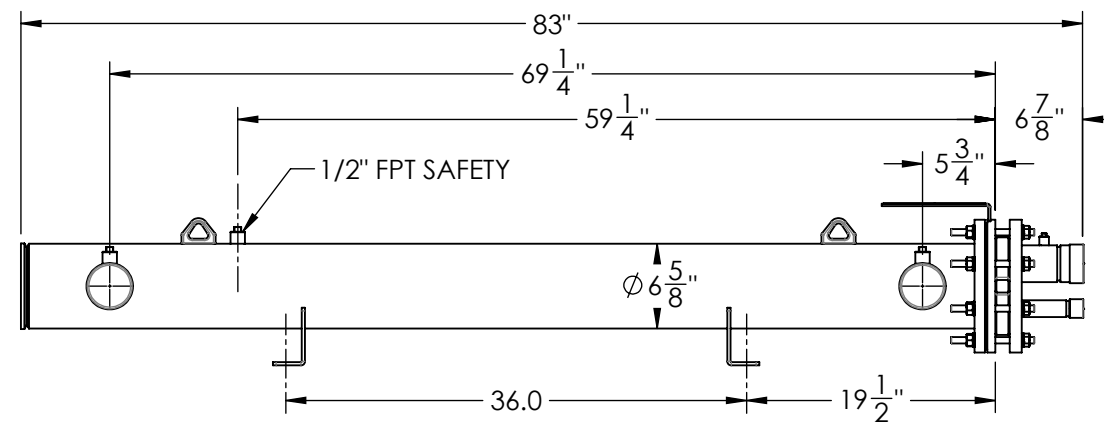
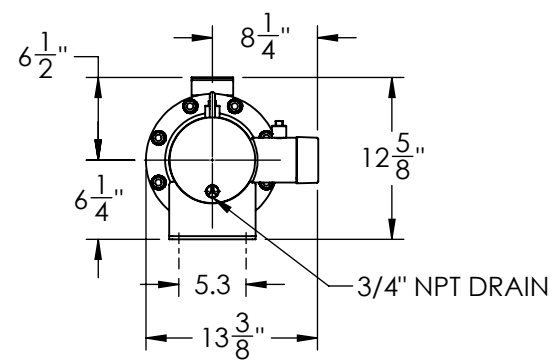
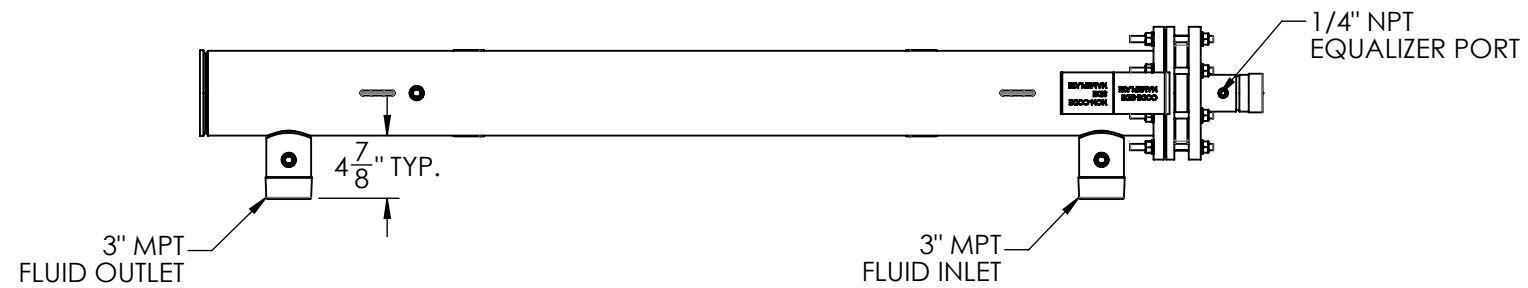
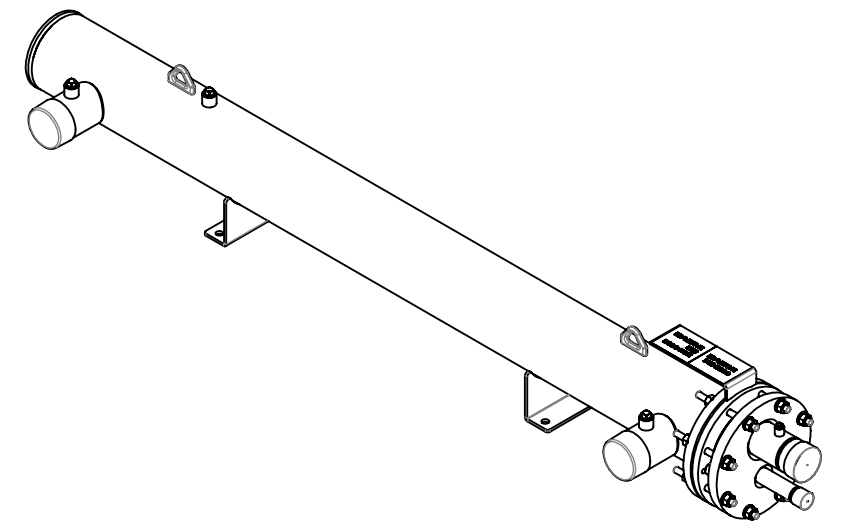


Approval: \_\_\_\_\_  
Customer Signature Required Upon Order

Customer Company Name: \_\_\_\_\_

1. Shell Side:
  - Max. Allowable Work Pressure: 150psi @ 150F
  - Min. Design Metal Temp.: -20F @ 150psi
  - Capacity: 0.85 ft3
  - Type of Fluid (Non-lethal): WATER / ANTIFREEZE
  - Physical State of Fluid: LIQUID
  - Vessel Stamp: NON-CODE
2. Tube Side:
  - Max. Allowable Work Pressure: 300psi @ 150F
  - Min. Design Metal Temp.: -20F @ 300psi
  - Capacity: 0.42 ft3
  - Type of Fluid (Non-lethal): CFC, HFC, HCFC, OIL
  - Physical State of Fluid: LIQUID / VAPOR
  - Vessel Stamp: UM



NOTE:  
 1. VESSEL TO BE SHIPPED WITH 3/4" INSULATION  
 2. DIMENSIONS DO NOT INCLUDE INSULATION  
 3. VESSEL WILL BE PAINTED BLACK  
 4. THE MATERIAL OF THE TUBE IS COPPER  
 5. PRESSURE BOUNDARIES ARE CARBON STEEL

**PROPRIETARY AND CONFIDENTIAL**  
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VIEW CONVENTION  
 THIRD ANGLE  
 ANGULAR TOL ± 2°  
 FRAC TOL ± 1/4  
 1 INCH = 25.400000 MM

BREAK SHARP EDGES  
 THREADS TO BE CLASS 2  
 DIM & TOL PER ANSI Y14.5M

|             |        |        |              |
|-------------|--------|--------|--------------|
| INCHES      | X. ± 1 | METRIC | X.X ± 0.5    |
| .X ± .125   |        | (MM)   | X.XX ± 0.25  |
| .XX ± .063  |        |        | X.XXX ± 0.13 |
| .XXX ± .005 |        |        |              |

| NO | REVISIONS (INDICATED BY Δ) | BY  | DATE       | JOB#     |
|----|----------------------------|-----|------------|----------|
| 0  | ORIGINAL                   | JEL | 10/22/2013 |          |
| 1  |                            |     |            | MATERIAL |
| 2  |                            |     |            |          |
| 3  |                            |     |            |          |
| 4  |                            |     |            |          |
| 5  |                            |     |            |          |
| 6  |                            |     |            |          |

TITLE: **APPROVAL DRAWING**

|               |                                   |                          |
|---------------|-----------------------------------|--------------------------|
| SIZE <b>B</b> | VESSEL NO. <b>STEM030-1NLXXTB</b> | REV <b>00</b>            |
| SCALE: 1:15   |                                   | SHIPPING WEIGHT: 356 lbs |