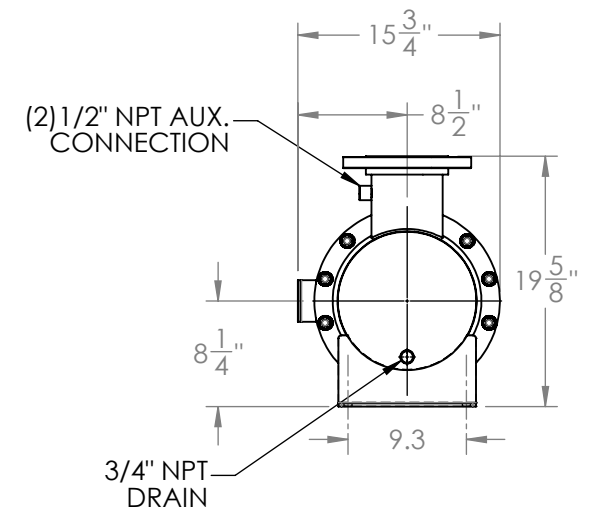
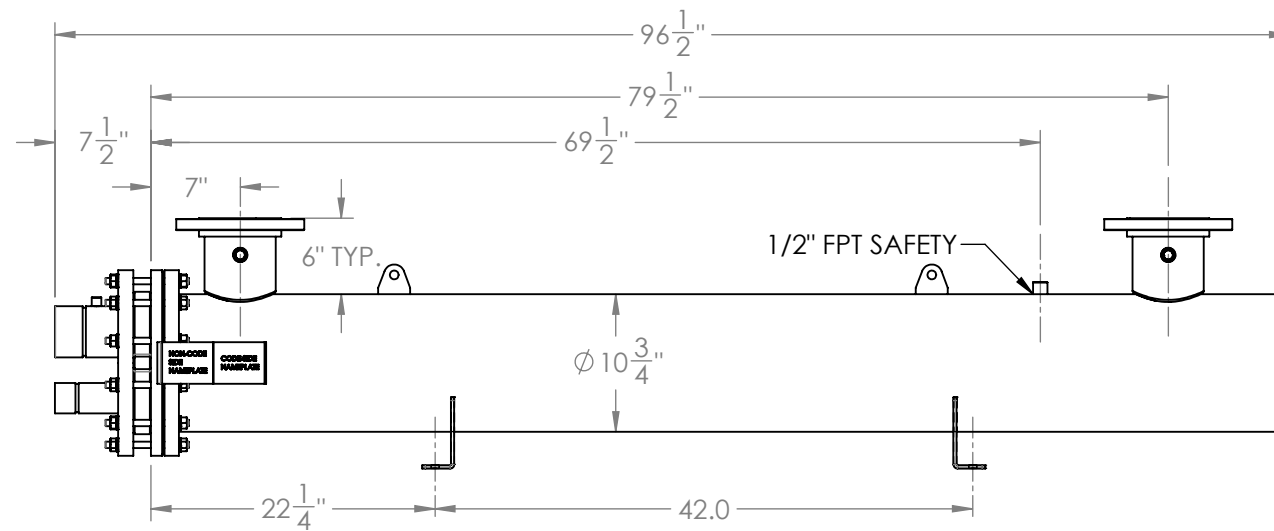
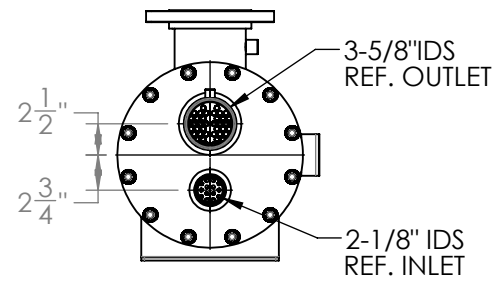
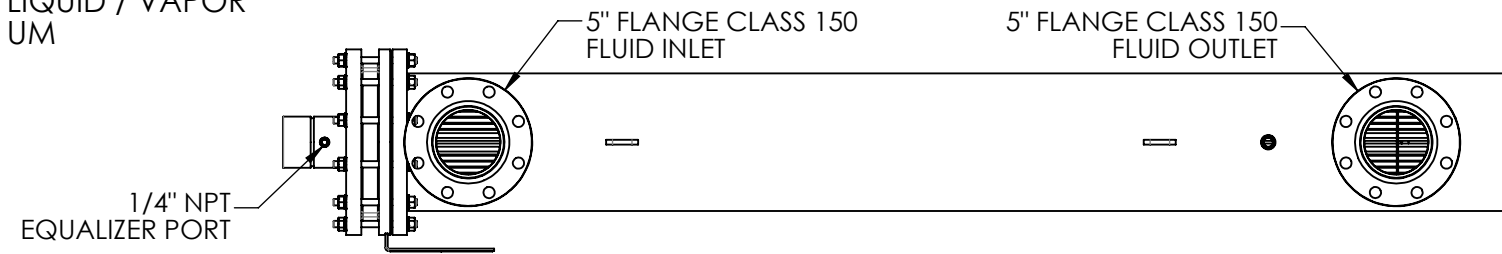
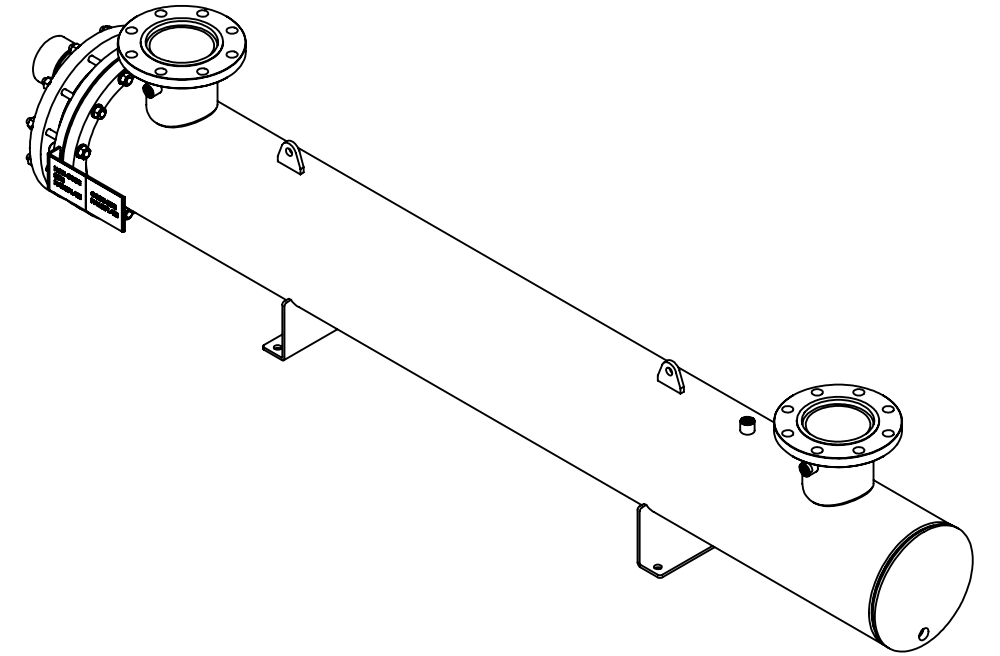


Approval: \_\_\_\_\_  
Customer Signature Required Upon Order

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

1. Shell Side:
  - Max. Allowable Work Pressure: 150psi @ 150F
  - Min. Design Metal Temp.: -20F @ 150psi
  - Capacity: 2.54 ft<sup>3</sup>
  - Type of Fluid (Non-lethal): WATER
  - Physical State of Fluid: LIQUID
  - Vessel Stamp: NON CODE
2. Tube Side:
  - Max. Allowable Work Pressure: 225psi @ 150F
  - Min. Design Metal Temp.: -20F @ 225psi
  - Capacity: 1.42 ft<sup>3</sup>
  - 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 |        | METRIC (MM) |        |
|--------|--------|-------------|--------|
| .X     | ± .125 | X           | ± 1    |
| .XX    | ± .063 | XX          | ± 0.5  |
| .XXX   | ± .005 | XXX         | ± 0.25 |
|        |        | X.XXX       | ± 0.13 |

| NO | REVISIONS (INDICATED BY Δ) | BY  | DATE       | JOB#     |
|----|----------------------------|-----|------------|----------|
| 0  | ORIGINAL                   | JEL | 10/15/2014 |          |
| 1  |                            |     |            | MATERIAL |
| 2  |                            |     |            |          |
| 3  |                            |     |            |          |
| 4  |                            |     |            |          |
| 5  |                            |     |            |          |
| 6  |                            |     |            |          |

TITLE: **APPROVAL DRAWING**

|               |                                   |                          |
|---------------|-----------------------------------|--------------------------|
| SIZE <b>B</b> | VESSEL NO. <b>STEM100-1NTXXTB</b> | REV <b>00</b>            |
| SCALE: 1:15   |                                   | SHIPPING WEIGHT: 628 lbs |