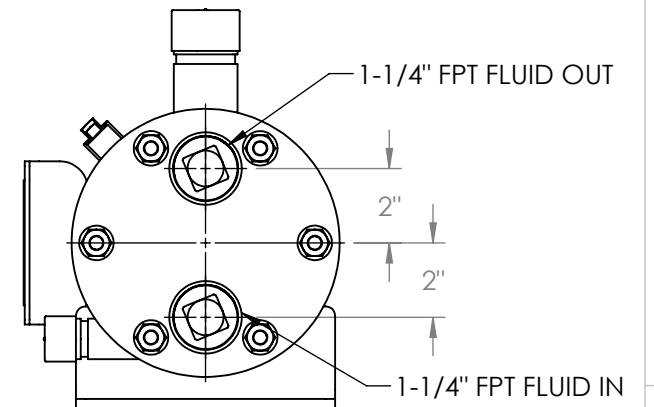
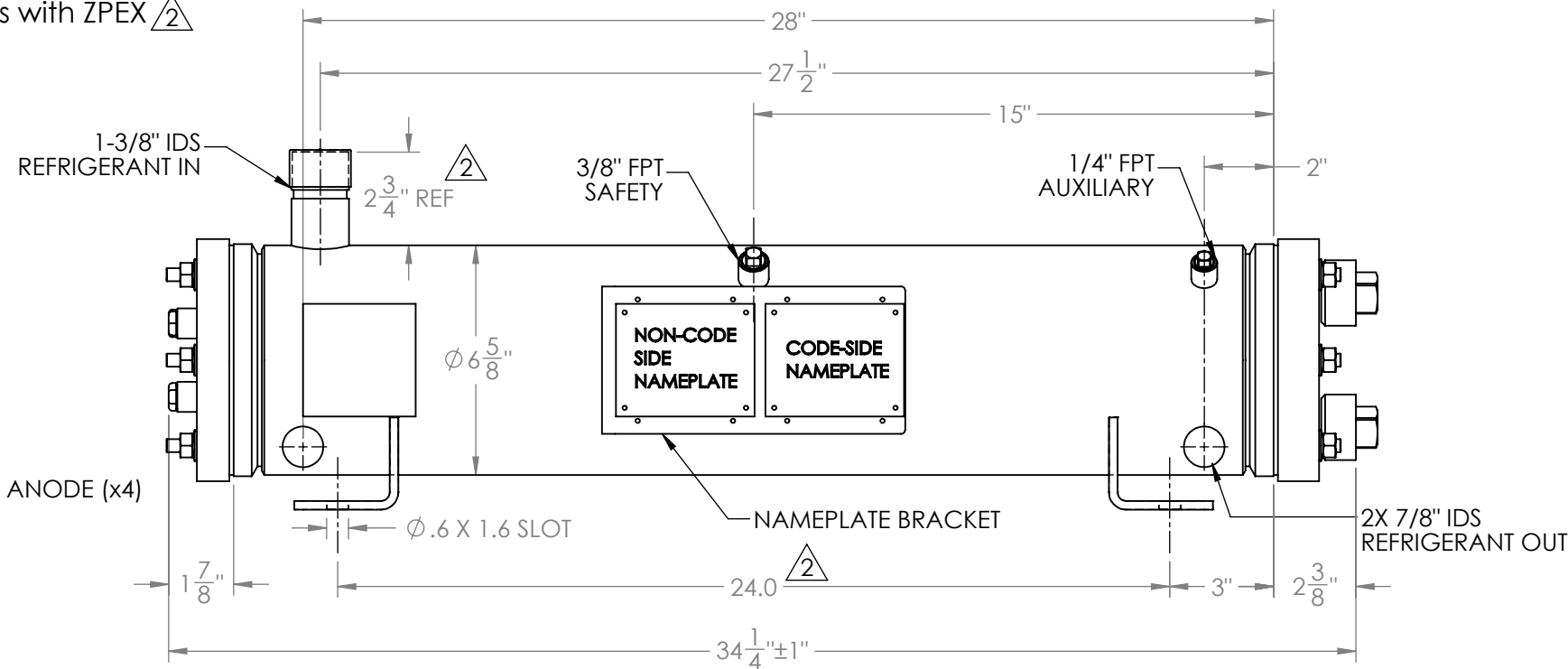
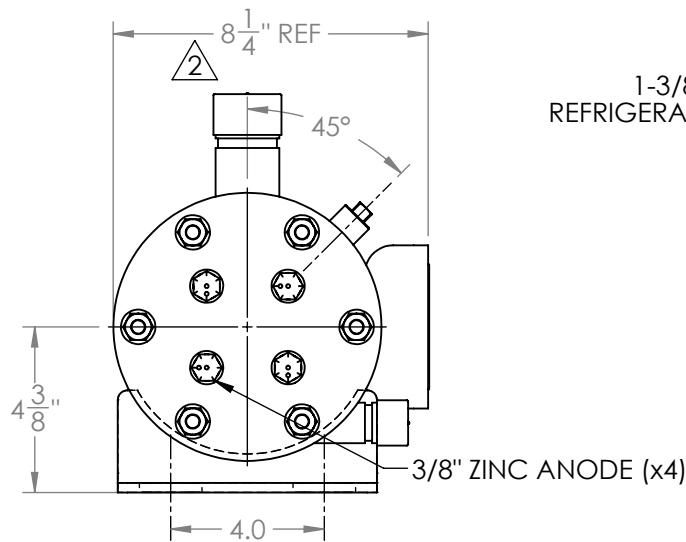
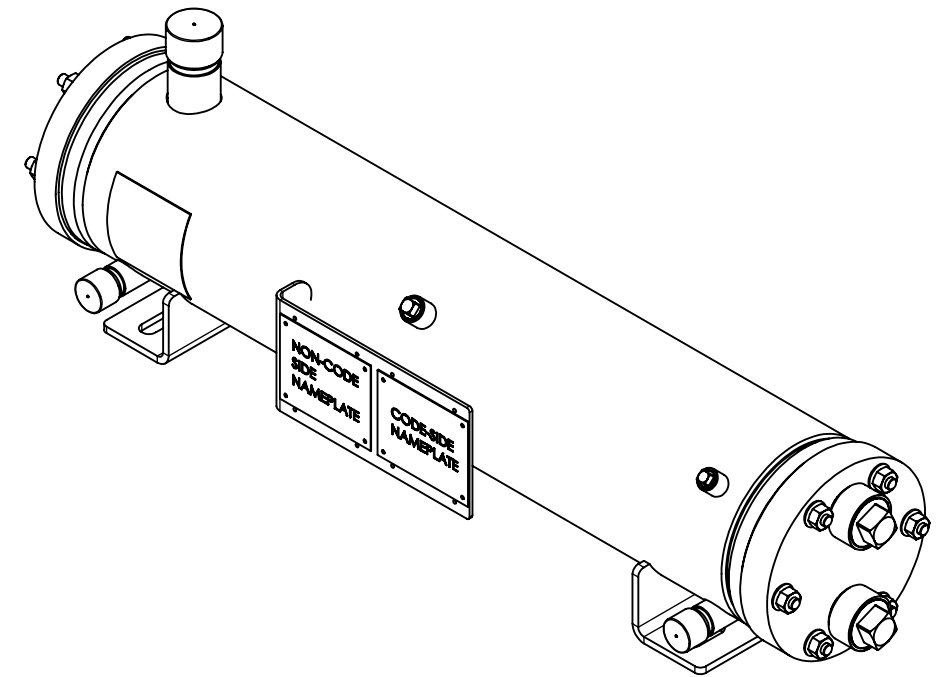


Approval: \_\_\_\_\_  
Customer Signature Required Upon Order

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

1. Shell Side:
  - Max. Allowable Work Pressure: 400psi @ 250F
  - Min. Design Metal Temp.: -20F @ 400psi
  - Capacity: 0.33 ft<sup>3</sup>
  - Type of Fluid (Non-lethal): CFC, HFC, HCFC, OIL
  - Physical State of Fluid: LIQUID / VAPOR
  - Vessel Stamp: UM
  - Corrosion Allowance: 0
2. Tube Side:
  - Max. Allowable Work Pressure: 150psi @ 150F
  - Min. Design Metal Temp.: -20F @ 150psi
  - Capacity: 0.14 ft<sup>3</sup>
  - Type of Fluid (Non-lethal): WATER / ANTIFREEZE
  - Physical State of Fluid: LIQUID
  - Vessel Stamp: NON CODE
  - Corrosion Allowance: 0
3. Manufacture vessel in accordance with ASME Sec VIII Div. 1 (Latest Version)
4. Pressure boundary parts are carbon steel, Tubesheets are stainless steel / Tubes are copper nickle.
5. All connections will be shipped with caps and plugs.
6. Vessel will be painted black.
7. Heads will be CS plate + SS coupings with ZPEX  $\triangle$  coating.



| NO | REVISIONS (INDICATED BY $\triangle$ )                       | BY  | DATE       | JOB#     |
|----|---|-----|------------|----------|
| 0  | ORIGINAL  | JEL | 05/03/2013 |          |
| 1  | CORRECTED CPLNG NOTE  | CT  | 5/17/2017  | MATERIAL |
| 2  | Update IDS, feet and nameplate bracket; Update head coating | AC  | 2/21/2019  |          |
| 3  |   |     |            |          |
| 4  |   |     |            |          |
| 5  |   |     |            |          |
| 6  |   |     |            |          |



**TITLE: APPROVAL DRAWING**

|               |                                |                            |
|---------------|--------------------------------|----------------------------|
| SIZE <b>B</b> | VESSEL NO. <b>STC007NB-XXX</b> | REV <b>02</b>              |
| SCALE: 1:5    |                                | SHIPPING WEIGHT: 78.81 lbs |

**PROPRIETARY AND CONFIDENTIAL**  
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VIEW CONVENTION  
THIRD ANGLE

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

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

ANGULAR TOL ± 2°  
FRAC TOL ± 1/4  
1 INCH = 25.400000 MM