

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: 9.71 ft³
 - Type of Fluid (Non-lethal): WATER / ANTIFREEZE
 - 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: 4.70 ft³
 - Type of Fluid (Non-lethal): CFC, HFC, HCFC, OIL
 - Physical State of Fluid: LIQUID / VAPOR
 - Vessel Stamp: UM

1/4" FPT (2)
EQUALIZER PORT

8" NPS FLEX J COUPLING
FLUID INLET

8" NPS FLEX J COUPLING
FLUID OUTLET

(2) 4-1/8" IDS
REF. OUTLET


(2) 2-1/8" IDS
REF. OUTLET

(2) 1/2" FPT AUX.
CONNECTION

3/4" FPT
DRAIN

- NOTE:
1. STEM300-2NRJXXA TO BE SHIPPED WITHOUT INSULATION
 2. STEM300-2NRJXTA TO BE SHIPPED WITH 3/4" INSULATION
 3. STEM300-2NRJXRA TO BE SHIPPED WITH 1-1/2" INSULATION
 4. DIMENSIONS DO NOT INCLUDE INSULATION
 5. VESSEL WILL BE PAINTED BLACK
 6. THE MATERIAL OF THE TUBE IS COPPER
 7. 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.X	± 0.5
.XX	± .063	X.XX	± 0.25
.XXX	± .005	X.XXX	± 0.13

NO	REVISIONS (INDICATED BY Δ)	BY	DATE	JOB#
0	ORIGINAL	ED	6/4/2019	
1				MATERIAL
2				
3				NAME
4				DATE
5				DRAWN
6				CHECK
				APVD



TITLE: APPROVAL DRAWING

SIZE	VESSEL NO.	REV
B	STEM300-2NRJX_A	00
SCALE: 1:16	SHIPPING WEIGHT: 1859.35 lbs	