



2601 or 2602
 Manufactured & Certified by
HEAT EXCHANGER DESIGN, INC.

W-RT4

Shell Side	75	PSI @	350	°F
Tube Side	75	PSI @	330	°F
Maximum Allowable Working Pressure				
Shell Side	0	°F @	75	PSI
Tube Side	0	°F @	75	PSI
Minimum Design Metal Temperature				

CUSTOMER: _____
 P.O.#: _____
 SERVICE: BEER COLUMN REBOILER
 ITEM: _____ Year Built: 2008

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CAUTION
 THE CODE DATA PLATE RELATES TO BASIC DESIGN CONDITIONS. THIS HEAT EXCHANGER HAS BEEN DESIGNED FOR SPECIFIC OPERATING CONDITIONS AND SHOULD BE RE-EVALUATED BEFORE OPERATING AT DIFFERENT CONDITIONS

MAX. MEAN METAL TEMP. DIFFERENTIAL: 70°F

- MISC. CONSTRUCTION NOTATION**
- 1) FOR MECHANICAL CALCULATIONS SEE CSC3872A (& RELATED)
 - 2) DIMENSIONS ARE IN INCHES & SYMM UNLESS NOTED OTHERWISE
 - 3) FOR BOLTING qv BOM3872A (SA193 B7/194 2H)
 - 4) FOR GASKETS qv BOM3872A (DURLON 9000N (WHITE))
 - 5) TUBES SHALL BE ROLL EXPANDED (TRI-PITCH)
 - 6) CORROSION ALLOWANCE SHALL NOT BE APPLIED TO TUBES
 - 7) ALL TUBE SIDE WETTED PARTS ARE SS304/304L (DUAL RATED)

NOZZLE SCHEDULE			TUBE DATA		DESIGN CONDITIONS		SPECIAL DATA		CUSTOMER DATA		
NOZ.	SIZE / RATING	SERVICE	(#) SIZE	(2668) 1" OD 18 BWG	SHELLSIDE	TUBESIDE	A.S.M.E. SECTION VIII, DIV. 1, 2004 (A06) EDITION	CUSTOMER:		P.O.#:	
A	12" 150# RFSO (STD)	SHELL IN (SA105/106B)		240" STRAIGHTS	DESIGN PRESSURE (PSI)	75	75	T.E.M.A. CLASS	B		USER:
B	6" 150# RFSO (S40)	SHELL OUT (SA105/106B)	MATERIAL	SA249 TP304/L	DESIGN TEMPERATURE (°F)	350	330	CLIENT INSPECT	AS REQUIRED		SERVICE: BEER COLUMN REBOILER
C	18" 150# (S10s LJSE)	TUBE IN (SA105/SS*)	CORES	N/A	CORROSION ALLOWANCE	1/16"	0	WEIGHT (lbs)	51,404		TOLERANCES EXCEPT AS NOTED OTHERWISE
D	24" 150# (S10s LJSE)	TUBE OUT (SA105/SS*)	BAFFLES	(10) 45% V CUT, 21.5" PITCH	HYDROTEST PRESSURE (PSI)	98	98	AREA (SQ')	13,687		HEAT EXCHANGER DESIGN, INC.
				5/8" THK C STL	RT INSPECTION LEVEL	-	-	SURFACE PREP.	HAND TOOL CLEAN		UNIT IS A TEMA TYPE HEAT EXCHANGER SINGLE PASS SHELL, (4) PASS (RIBBON ARRAY) TUBE SIDE
			TUBESHEET	SA240 304/L	MINIMUM TEMPERATURE (°F)	0	0	PAINTING SPEC.	SHOP PRIMER - CS ONLY		DRAWN BY <i>Clif Shipley</i>

* SA312 TP304LW PIPE, 240 304L LAP RINGS

NAMEPLATE FACSIMILE (SS316)
 MTD ON 4" SA36 STAND OFF BKT

REVISION LOG			GENERAL ARRANGEMENT		
NO.	DATE	COMMENT	FRACTIONAL	DATE	DRAWING NUMBER
0	21-MAY	APPROVAL DWG RELEASE	±1/4"	21-MAY-07	3872A
1	13-JUL	FABRICATION DWG RELEASE	±1/2"		

REV 1
 SHT 1