



CERTIFIED FOR FABRICATION
 BY Dan L Brasso
 DATE 08-19-2010

MARK EC15

NOTES

- 1 . CUSTOMER P.O. NUMBER: 0081089
- 2 . TUBES: 2"O.D. x .105"M.W. x SA-178-A MATERIAL
- 3 . FINS: 4 PER INCH x .06"THK. x .75"HI. C.S. SOLID
- 4 . DESIGN PRESSURE: 490 PSIG @ 700 F.
- 5 . HYDROSTATIC TEST PRESSURE: 735 PSIG
- 6 . RADIOGRAPH 100% OF 16 COIL WELDS
- 7 . CODE STAMPED ASME SECTION I P4
- 8 . EFFECTIVE HEATING SURFACE: 3555 SQUARE FEET
- 9 . RATED HEAT ABSORPTION: 4865628 BTU/HOUR
10. ESTIMATED WEIGHT: 11500# DRY, 12100# WET
11. NUMBER OF UNITS: ONE
12. END USER: WARE INC
13. LOCATION: LOUISVILLE, KENTUCKY
14. ALL STRUCTURE IS A-36 CARBON STEEL, DESIGNED FOR A MAXIMUM 5000# IMPOSED DEAD LOAD
15. INNER CASING IS DESIGNED, STIFFENED AND GAS TIGHT SEAL WELDED, FOR ± 10" W.C. INTERNAL PRESSURE
16. PREP. AND PAINT: ALL NON-GALVANIZED OUTER CARBON STEEL SURFACES WILL BE CLEANED PER SSPC-SP3 THEN PAINTED WITH ONE COAT OF HI-TEMP BLACK
17. THIS UNIT MAY NOT BE OPERATED IN A STEAMING CONDITION. IF SO OPERATED, VAPOR LOCKING AND THERMAL SHOCK MAY OCCUR, CAUSING SEVERE DAMAGE, THUS VOIDING ALL WARRANTIES.
18. THIS EQUIPMENT IS NOT WARRANTED AGAINST ANY TYPE OF EROSION OR CORROSION

HEADER & CONNECTION DESCRIPTION

- (A) - HEADER PIPE 6" SCH. 40 x SA-106-B
- (B) - FLANGE 6"-300# RFWN SCH. 40 BORE x SA-105 (NOTE: BOLT HOLES TO STRADDLE CENTERLINES)
- (C) - (7) MISC 3/4"-3000# THREDOLET W/PLUG x SA-105

SIDE ELEVATION

REVISION	ECO INC.	
	SCALE NONE	DRAWN BY <u>dlb</u>
	DATE 8-4-10	REVISED 8-19-10
	ECONOMIZER	
	FOR WARE INC	DWG NO J-1298-1 RV

PER CUSTOMER MARKUP AND REQUEST
 ADDED BOLT HOLES TO GAS FLANGE
 --RELEASED FOR FABRICATION