

# TIGER INDUSTRIES, INC.

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**Reference # 150210**  
**October 30, 2015**

**Attn:**

**Ref: Air Cooled Heat Exchanger, Stainless Steel**

**Dear Sir:**

Tiger Industries, Inc., is a fabrication company that is authorized to use the "R SYMBOL" in accordance with the provisions of the National Board. We supply new and reconditioned air cooled, shell and tube heat exchangers and vessels for sale and lease. In addition, Tiger provides refurbishment, repair, and modification of client's existing inventory. We are pleased to propose the following information.

**Air Cooled Heat Exchanger , Data below is for one unit; 4 units are available.**

**(ASME U1A, Data sheet, drawings, etc. on website)**

- |                        |  |                      |                             |
|------------------------|--|----------------------|-----------------------------|
| 1. Tube Materials      | : SA-213-TP-304L Stainless                         | 10. Nozzles, Inlet   | : (2) 8" 900 # RTJ (Top)    |
|                        | Seamless tubes                                     |                      |                             |
| 2. Header Materials    | : SA-240-304L Stainless                            | 11. Nozzles, Outlets | : (2) 8" 900 # RTJ (Bottom) |
|                        |  |                      | Opposite end                |
| 3. Design Press / Temp | : 1,102 PSIG / 340 F                               | 12. Rows / Passes    | : 6 / 3                     |
| Min. Design Metal temp | : Minus 50 F @ 1,102 PSIG                          |                      |                             |
| 4. # of Tubes / Length | : 342 / 40 Ft.                                     | 13. Fans / Diameter  | : 2 @ 12 Ft.                |
| 5. Tube Size / Wall    | : 1 1/4" / 0.109" (12 BWG)                         | 14. Motors / Hp.     | : 2 @ 25 Hp. (TEFC)         |
| 6. FOD / FPI / Pitch   | : 2 1/2" / 10 / 2 3/4" (Extruded)                  | 15. Dimensions       | : 13' 3" W x 40' L x 16' H  |
| 7. Surface-Bare / Ext. | : 4,383 / 84,070 Ft <sup>2</sup>                   |                      |                             |
| 8. Manufacturer        | : GEA Rainey (2010)                                |                      |                             |
| 9. Code Stamp/Serial # | : ASME / R6459-2 (Serial #s are available)         |                      |                             |
|                        | National Board # (National Board #s are available) |                      |                             |

**Note # 1:** Last two rows of the tube bundle are sloped 0.125" / ft. toward the outlet connections.

**Note # 2:** Structural Steel is low temperature carbon steel (minus 50 F)

**The bundle would be hydro tested to 1,100PSIG. Two new 25 Hp. (460V / 3P / 60 Hz.) TEFC motors would be installed and the fans and motors test run.**

**The unit is on a heavy duty galvanized skid.**

**Note # 3: This unit is shipped on two trucks, one truck for the bundle and one truck for the frame.**

**Note # 4: The unit is new surplus, built in 2010 and never used.**

**F. O. B.: Houston, Texas**

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