

**FORM U-1A MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS**  
 Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only  
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division I 4990

1. Manufactured by J.J. FINNIGAN INDUSTRIES, INC. P. O. BOX 48029 ATLANTA, GEORGIA 30340  
(Name and address of Manufacturer)

2. Manufactured for FULKERSON REFRIGERATION COMPANY, GAINESVILLE, GEORGIA  
(Name and address of Purchaser)

3. Type VERTICAL Vessel No. (27104) (          ) Natl. Bd. No. 11832 Yr. Built 1976  
(Horiz. or Vert.) (Mfrs. Serial) (State & State No.)

4. SHELL: Mat. SA-515Gr.70 T.S. 70M Nom. Thk. 1/4 in. Allow. 0 In. Diam. 2 Ft. 6 In. Length 8 Ft. 8 In.  
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long DBW H.T. No R.T. Spot Sectioned NO Efficiency 85 %  
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)  
 Girth DBW H.T.          R.T.          Sectioned NO No. of Courses 2

If riveted or brazed describe seams fully under remarks.

6. HEADS: (a) Material SA-515Gr.70 T.S. 70M (b) Material          T.S.           
(Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter Side to Pressure (Convex or Concave)  
 (a) Top & Btm. .250" 24" 1.80"                                                       Concave  
 (b)                                                                                                   

If removable, bolts used          Other fastening           
(Material, Spec., No., T.S., Size, Number) (Describe or Attach Sketch)

7. Constructed for max. allowable working press. <sup>2</sup> 200 psi at max. temp. 300 °F. Min. temp. (when Less than -20°)          °F. } Test 300 Press          psi.  
Hydrostatic

8. SAFETY OR RELIEF VALVE OUTLETS: Number Unknown Size          Location         

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Inlet	1	6"	Pipe Stub	SA-106Gr.B	.280"	SA-515Gr.70	Welded
Outlet	1	6"	" "	" "	" "	" "	" "
Drain	1	1"	Tank Flg.	SA-105	X-Hvy.	N/A	" "

10. INSPECTION Manholes, No.          Size          Location           
 OPENINGS: Handholes, No.          Size          Location           
 Threaded, No.          Size          Location         

11. SUPPORTS: Skirt No Lugs          Legs (4) Other          Attached to shell by welding.  
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: (List applicable special services in accordance with UG-120(d))  
AMMONIA INTERCOOLER/ACCUMULATOR - DESIGNED TO PARA. UG-25(c) FOR NON-CORROSIVE SERVICE W/90 LINEAL FT. 1 1/2" SCH 80 (SA-106 Gr.B) INTERCOOLER COLL.

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc. - State Contents.  
 1 If postweld heat-treated.  
 2 List other internal or external pressures with coincident temperature when applicable.

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division I.

Date JAN 20 1976 Signed J.J. FINNIGAN INDUSTRIES, INC. By *Barbara Mackey*  
(Manufacturer)  
 Certificate of Authorization #40 Expires March 30, 1977

**CERTIFICATE OF SHOP INSPECTION**

VESSEL MADE BY J.J. FINNIGAN INDUSTRIES, INC. at ATLANTA, GEORGIA  
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and of the State of Province Tenn. and employed by THE HARTFORD STEAM BOILER INSP. & INS. CO. of HARTFORD, CONN. have inspected the pressure vessel described in this manufacturer's data report on          19         and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date          19          
*Barbara Mackey* Inspector's Signature  
 Commissions Tenn. # 1042 N.B. # 7973  
Natl. Board, State, or Province and No.