

**2000 Un-Used Stainless Steel Evapco ATW Series Fluid Cooler/Evaporative Condenser- 827 Nominal Tons**

**Mfg: Evapco**

**Model: ATW – 207C**

**Stock No. JDWW009.**

**Serial No. T002094**

2000 Un-Used Stainless Steel Evapco ATW Series Fluid Cooler/Evaporative Condenser- 827 Nominal Tons. Model: ATW-207C. S/N: T002094. Belt No: 6B-148. Refrigerant: ammonia. Coil test pressure: 400 psig. Fan diameter: 11 ft. U.S. Fan Motor, 40/10 hp, 1780/890 rpm, 460 V, 58.8/22 amps, 60 Hz, 3 phase. Scot Centrifugal Pump, Model: Motorpump 59 Std Fitted, impeller diameter: 6.75 in., size: 6x5, seal type: BN-CM. U.S. Motor, 7-1/2 hp, 1750 rpm, 208-230/460 V, 21.9-20.3/10.1, 60 Hz, 3 phase. (2) Indecco Immersion Water Heaters, Model: 17-174P, Cat. No: S713U321200U, 12000 watt, 480 V, 3 phase. Inlets: (1) 2 in. dia. MPT (make-up), (2) 4 in. dia. flanged ports (media). Outlets: (1) 3 in. dia. MPT (drain), (1) 3 in. dia. MPT (overflow), (2) 4 in. dia. flanged ports (media). Overall dimensions: 20 ft. L x 11 ft. 10 in. W x 16 ft. 2 in. H.

**External features include:**

All Stainless Steel Construction

The superior corrosion resistance offered by stainless steel is the most effective material of construction available to extend the life of the evaporative cooling unit.











### Evapco's Therma-Pak® Elliptical Tube Coil Design

- " Allows for closer tube spacing which provides greater surface area per plan, lowers resistance to air flow and also permits greater water loading.
- " Reduces air pressure drop throughout the unit while maximizing tube surface area and increasing heat transfer capabilities.
- " Tubes are staggered in the direction of airflow, obtaining a high film coefficient.
- " Corrosion protection provided by hot dip galvanization in molten zinc at approximately 430°C.

### Extended Surface Coil

- " Optional, spiral fins on the heat exchanger coil allow for dry operation of the unit.
- " Rejects heat to the atmosphere without use of the spray pump and evaporation process.
- " Dry operation is practical in cold climates where freezing is a possibility or when reduced winter loads exist.

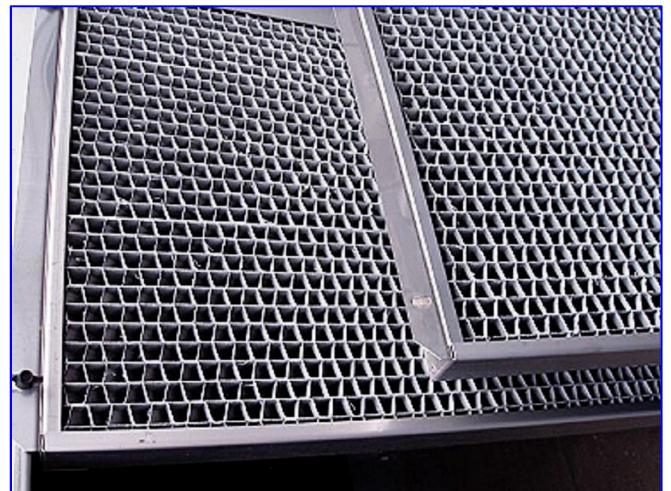
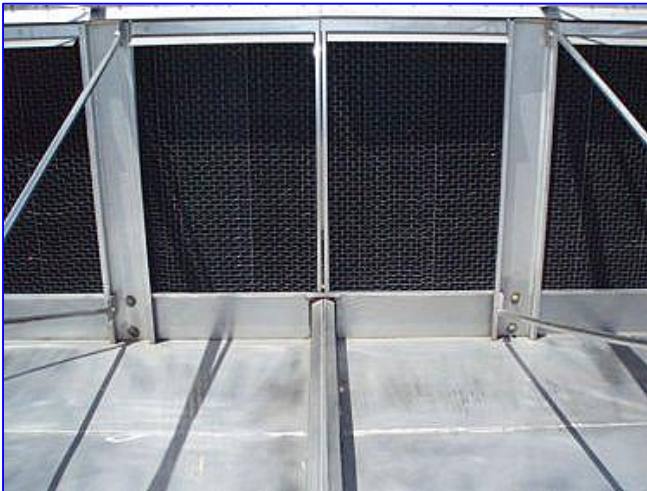




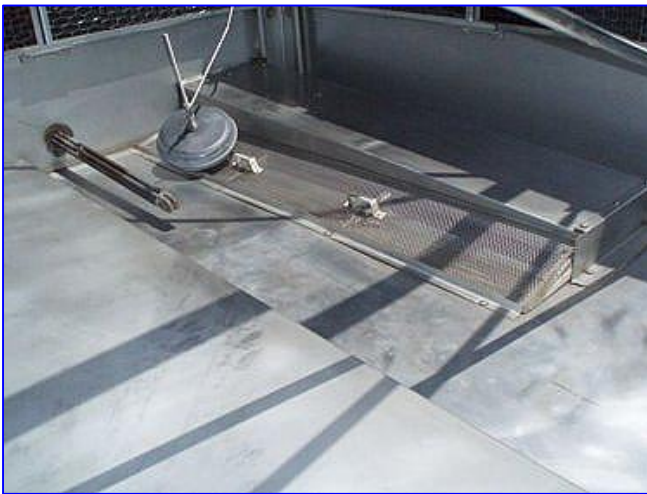


### Quick Release Inlet Louvers

Constructed of polyvinyl chloride (PVC) and mounted in easily removable frames for quick access, louvers protect against dirt, splashout and sunlight.

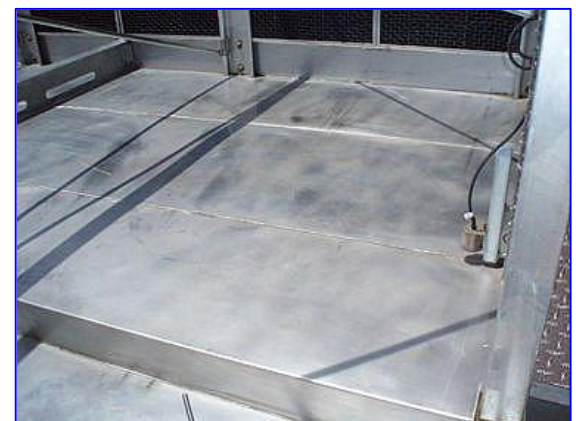




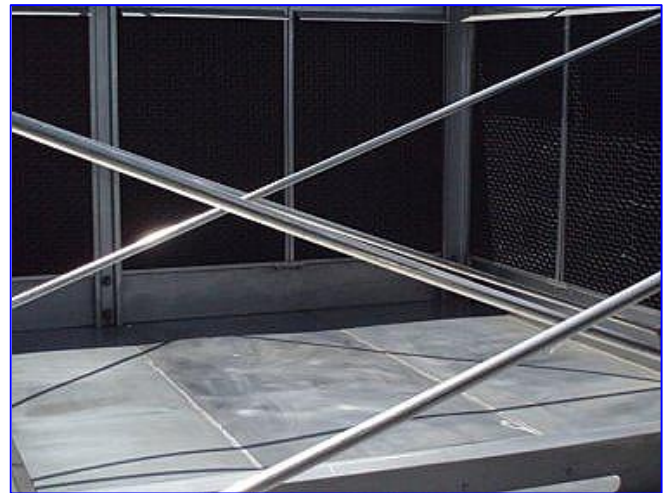
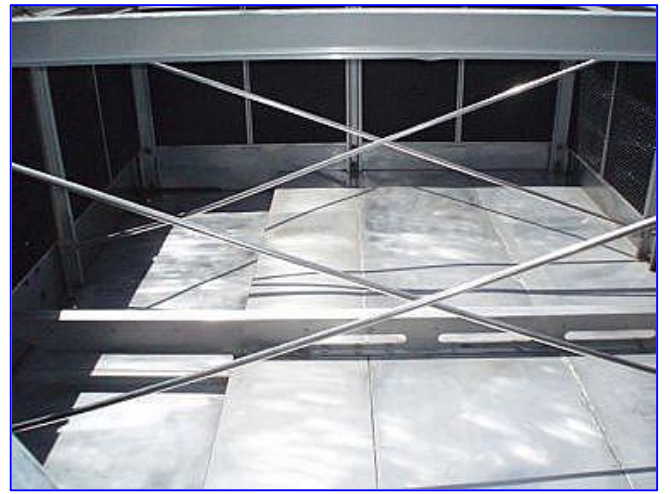


**Optional Accessories to include: Stainless Steel Basin, Cold Water Basin Heaters, Electric Water Level Control and Vibration Cut Out Switches.**

- “ Enhanced corrosion protection is provided by optional, type 304 stainless steel for the entire basin area including: support columns of the cooler and louver frames.
- “ Optional basin heaters are furnished with the cooling tower to prevent the water from freezing in the basin when the unit is idle during low, ambient conditions.
- “ Heaters are furnished with a combination thermostat/low water protection device to cycle the heater on when required.
- “ Weather proof, outdoor enclosures are provided for all components.
- “ Standard mechanical floats have been replaced by electric water level control units providing for
- “ Accurate levels of water and eliminating the need for field adjustments.
- “ Vibration Cut Out switches offer protection from damage or failure to the drive system caused by excessive vibration from improperly balanced fans.









“ Totally Enclosed Fan Motors

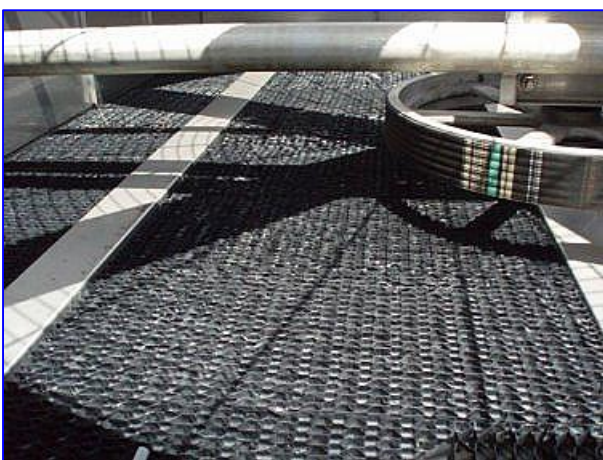
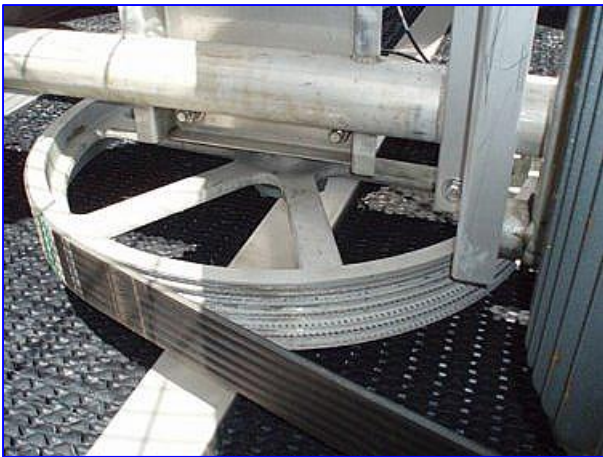
Assures long life and protection.

**Belt Driven Fans and Two Speed Motors**

“ Easy servicing of the motor and adjustment of the belt tension from the exterior of the unit.

“ Motors are built to cooling tower duty specifications and are supplied with permanently lubricated bearings and special moisture protection on the bearings, shaft and windings.

“ Two speed motor provides an additional step of capacity control when used with the fan cycling method, the lower speed of the motor providing 60% of full speed capacity.







**EVAPCO, INC.**  
 Lane Taneytown, MD. 21787  
 Phone: (410) 756-2600 Fax # (410) 756-6450  
 FOR ONE OR MORE OF THE FOLLOWING U.S. PATENTS:  
 4,796,884, 4,755,331, 5,124,087

SERIAL NO.	T002094
COIL TEST PRESSURE	400 P.S.I.G.

FOR AUTHORIZED PARTS AND SERVICE, CONTACT MR. GOODTOWER®  
 A.R. JENSEN ASSOCIATES, INC.  
 P.O. Box 2534  
 Framingham, MA 01703  
 Phone: (508) 875-1324  
 Fax: (508) 875-8126

**DRAFT UNIT LUBRICATION INSTRUCTIONS**  
**FAN BEARINGS:**  
 Lubricate draft unit fan shaft bearings every 1000 hours or every 3 months.  
 Lubricate forced draft unit bearings every 2000 hours or every 6 months with any of the following waterproof greases:  
 Shell Alvania #3  
 Chevron SRI  
 Mobilon Premium

**LEFT SLEEVE BEARINGS (forced draft units only):**  
 Lubricate sleeve bearings with the oil specified in the instruction manual.

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