AT Atlas®
Modular Advanced Technology (AT) Series
Large, Energy Efficient, Modular, Counterflow Cooling Towers
EVAPCO for LIFE
EVAPCO is more than a name. We are the global
innovator in heat transfer solutions for the
commercial HVAC, industrial refrigeration, power
and industrial process markets. We pledge to make
everyday life easier, more comfortable, more reliable
and more sustainable for people everywhere.

OUR COMMITMENT
We never stop innovating. We set out to find
groundbreaking solutions that transform the way
the world works for the better. It's why we have
more than 48 active U.S. Patents and 116 foreign
counterparts. We also guarantee performance and
put every solution through rigorous research and
testing to ensure maximum efficiency and reliability.

PROTECTING THE ENVIRONMENT
Innovation and environmental sustainability go
hand-in-hand at EVAPCO. Our industrial heat
transfer equipment not only conserves natural
resources and helps reduce noise pollution, but
also features recycled steel content in construction.
Our stainless steel units are constructed of panels
that contain up to 75% of recycled content and our
galvanized units contain over 80%. From sound
reduction to water conservation to chemical
elimination, we are developing new technologies
that deliver ultimate operating advantages to our
clients while protecting the planet for every
generation to come.
To ensure 100% reliability for the high demands of critical cooling applications, the Atlas is highly engineered with quality components and manufactured to exacting standards. The durable materials of construction ensure the longevity expected of EVAPCO products. The cooling towers are designed in large modules for ease of installation and to reduce required field assembly labor. As the most energy efficient modular cooling tower on the market, the Atlas is unmatched in CTI Certified capacity per cell!
Features & Benefits

**Factory assembled lead times meet field erected capacities!**

- Up to 60% more cooling capacity per cell*
- Up to 40% less fan power per ton of cooling*
- The Atlas arrives to site preassembled in modules and installs in a fraction of the time of field erected solutions.
- Reduced overall piping and electrical connections compared to projects with traditional factory assembled cooling towers.
- Site installation supervision available from factory-trained technicians.

*compared to other factory assembled single-cell cooling towers

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**EVAPAK® Fill** *(US Patent 5,124,087)*

- EVAPAK® fill is specially designed to induce a highly turbulent mix of air and water for superior heat transfer. Special drainage tips allow high water loadings without excessive pressure drops.
- The bottom support of the fill section, combined with the unique way in which EVAPAK’s cross-fluted sheets are bonded together, greatly enhances the fill’s structural integrity, making it usable as a working platform for internal access to the fan and drive system.
- Low fouling fill available for alternate water qualities. Contact an EVAPCO representative for more information.

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**High-Efficiency Drift Eliminators** *(US Patent 6,315,804)*

- EVAPCO’s extremely efficient drift eliminator system removes entrained water droplets from the air stream, limiting the drift rate down to 0.0005% of the recirculating water rate.
- Constructed of inert PVC, which effectively eliminates corrosion of these vital components. They are assembled in sections to facilitate easy removal for inspection of the water distribution system.

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**WST Air Inlet Louvers (Water and Sight Tight)** *(US Patent 7,927,196)*

- Easily removable for access
- Framed in same material as tower basin
- Improved design to keep sunlight out - preventing biological growth
- Keeps water in while keeping dirt and debris out

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**Clean Pan Sloped Basin Design**

- Designed to completely drain the cold water basin
- Helps prevent buildup of sediment and biological film
- Eliminates standing water after draindown
EVAPCO provides fans, gearboxes, driveshafts and motors from a select group of equipment suppliers specializing in cooling tower products. These relationships ensure a high quality product that can withstand the harsh cooling tower environment while also producing the airflow required for peak thermal performance.

**Mechanical Equipment**

**Certified Thermal Performance**
Thermal Performance Rated in Accordance with CTI 201

**Robust Design and Materials**
Built with industrial-grade materials and engineered to withstand the demands of HVAC and industrial applications
- Heavy-gauge steel structure, galvanized or stainless steel
- 5-year mechanical component warranty
- Energy-efficient PVC heat exchange fill media
- Standard Motor outside airstream

**Pressurized Water Distribution System**
- Evapjet™ nozzles provide thermal performance gain
- Non-corrosive PVC construction
- Large orifice nozzles prevent clogging and are threaded for easy removal and positive positioning
- Each nozzle provides a large uniform spray pattern

**Access**
- Removable louvers offer 360 degree basin access for easy inspection and maintenance

**Louver Access Door**
- Hinged access panel with quick release mechanism
- Allows easy access to perform routine maintenance and inspection of the makeup assembly, strainer, screen and basin

† Mark owned by the Cooling Technology Institute
**Engineering Data & Dimensions**

**One-Cell Cooling Towers**

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**NOTES:**

1. An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
2. Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
3. Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
4. Nominal Tonnage is based on 3 gpm per ton at 95\(^\circ\) entering water temperature, 85\(^\circ\) leaving water temperature, and 78\(^\circ\) wet-bulb temperature.

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**Fan Weights (LBS)**

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<th>Air Flow (CFM)</th>
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Engineering Data & Dimensions

Two-Cell Cooling Towers

NOTES:
(1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO’s Equipment Layout Manual.
(4) Nominal Tonnage is based on 3 gpm per ton at 95° entering water temperature, 85° leaving water temperature, and 78° wet-bulb temperature.

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Committed to making life easier, more reliable and more sustainable for people everywhere.