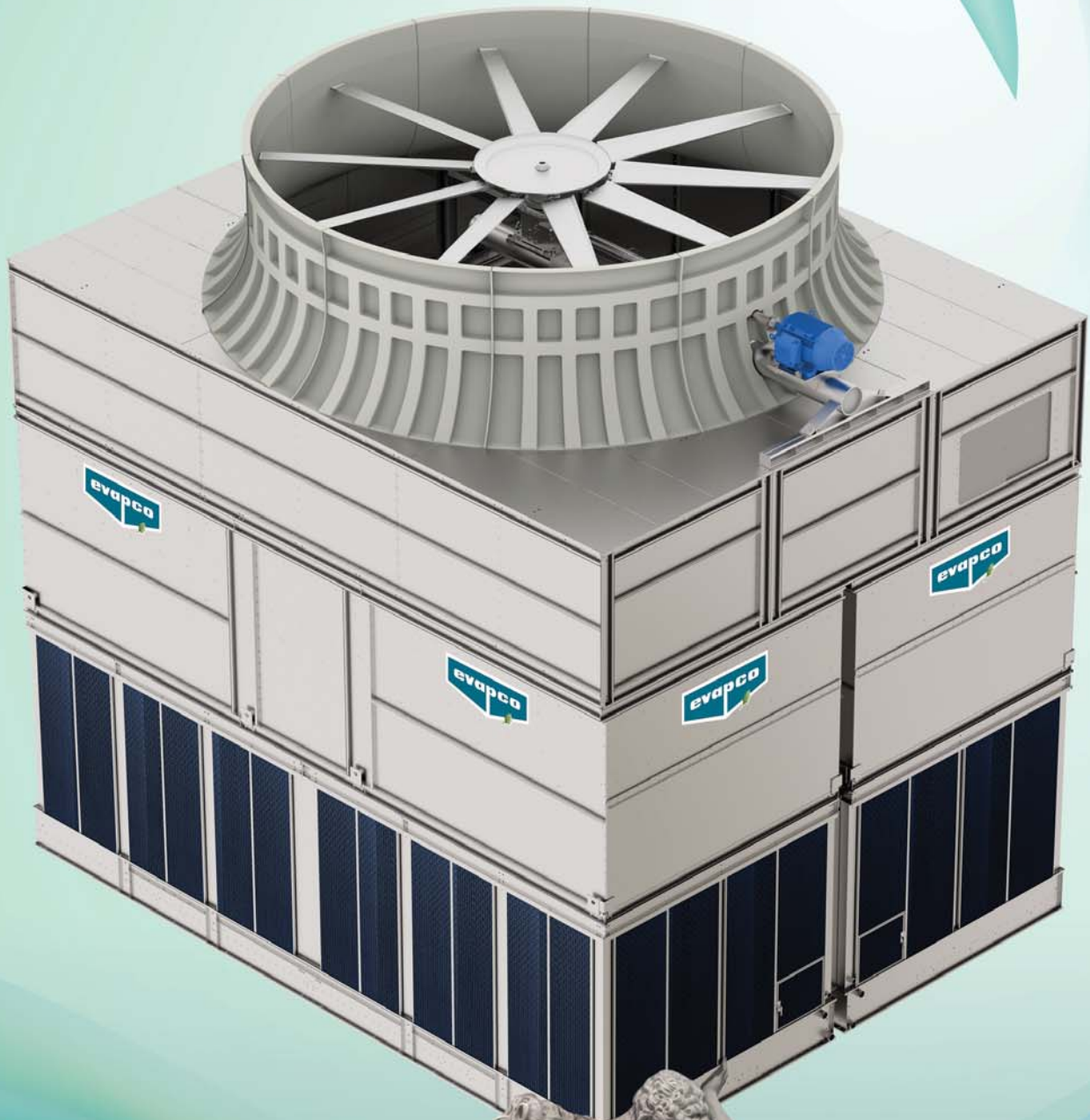


COOLING TOWERS

AT Atlas®

Modular Advanced Technology (AT) Series

Large, Energy Efficient, Modular, Counterflow Cooling Towers



† Mark owned by the Cooling Technology Institute

About EVAPCO



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.



Atlas Applications



DATA CENTERS



INDUSTRIAL PROCESS



CENTRAL PLANTS

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



High-Efficiency Drift Eliminators*

- 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.

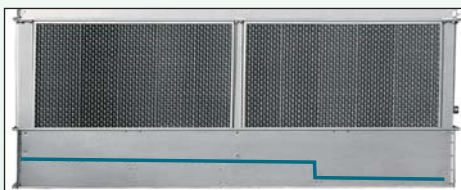
EVAPAK® Fill

- 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.



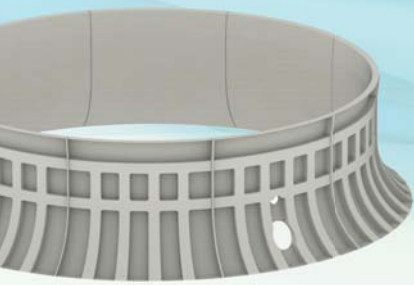
WST Air Inlet Louvers (Water and Sight Tight)**

- 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



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



Certified Thermal Performance

Thermal Performance Rated in
Accordance with CTI 201

Mechanical Equipment

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.



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
- 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

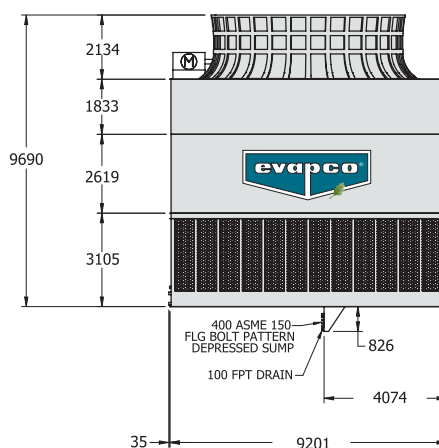
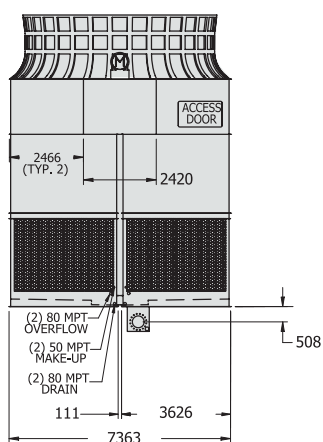
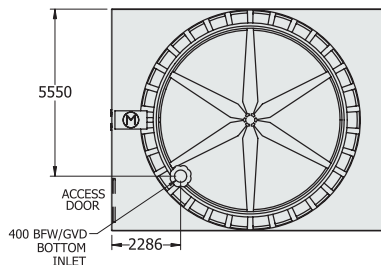
Louver Access Door

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



Engineering Data & Dimensions

One-Cell Cooling Towers

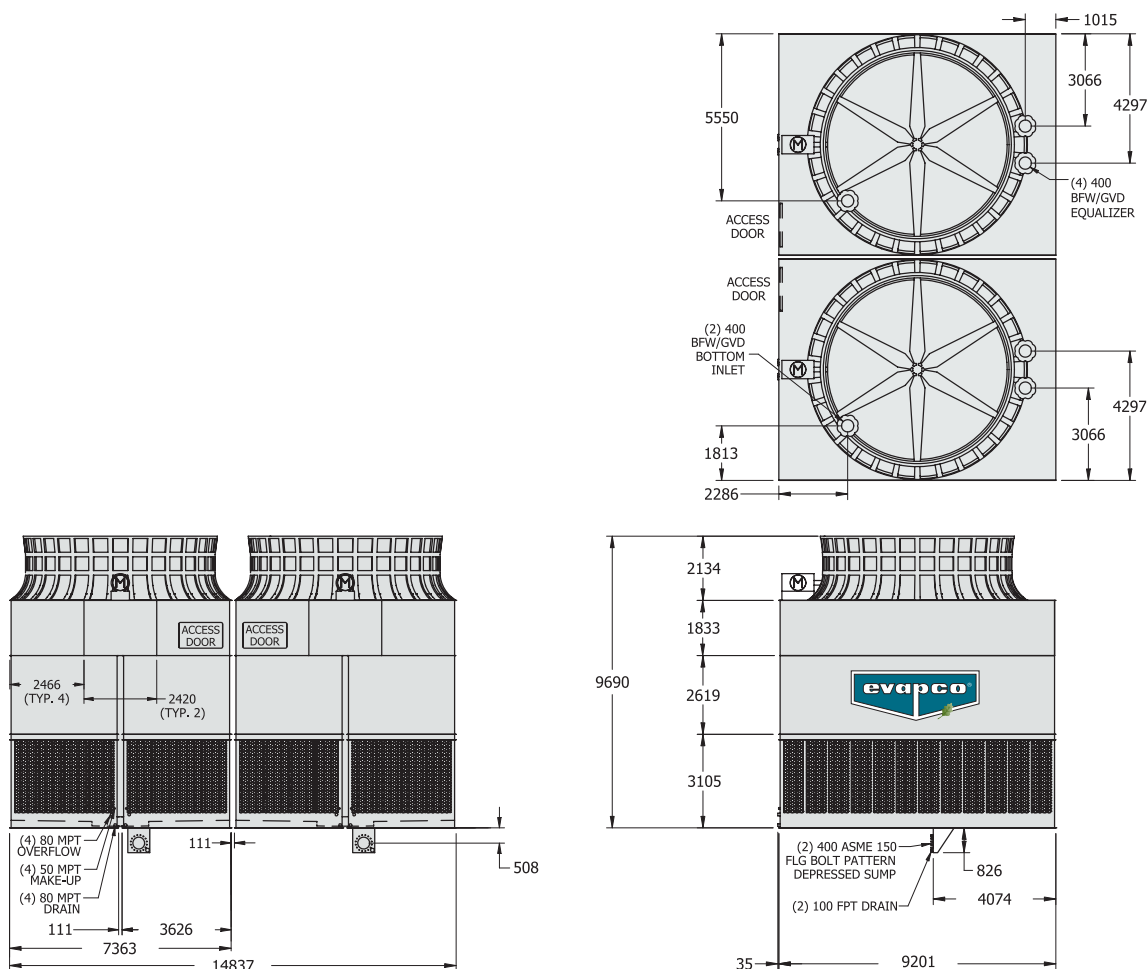


Model No.	Nominal Tonnage	Fan Motor (kW)	Air Flow (m ³ /s)	Weights (kg's)		
				Shipping	Operating	Heaviest Section
AT 124-4N30-EV	1,484	30	146.4	30,505	42,540	5,590
AT 124-4O30-EV	1,577	37	157.3	30,660	42,690	5,590
AT 124-4P30-EV	1,713	45	166.6	30,795	42,830	5,590
AT 124-4Q30-EV	1,818	55	178.9	30,770	42,805	5,590
AT 124-4R30-EV	2,040	75	195.6	30,890	42,925	5,590
AT 124-4S30-EV	2,190	90	209.8	31,300	43,335	5,590
AT 124-4T30-EV	2,335	110	222.0	31,555	43,590	5,590
AT 124-5N30-EV	1,542	30	144.0	31,300	43,335	5,985
AT 124-5O30-EV	1,636	37	154.8	31,455	43,490	5,985
AT 124-5P30-EV	1,771	45	163.8	31,595	43,625	5,985
AT 124-5Q30-EV	1,875	55	175.9	31,570	43,605	5,985
AT 124-5R30-EV	2,098	75	192.4	31,690	43,720	5,985
AT 124-5S30-EV	2,247	90	206.3	32,100	44,135	5,985
AT 124-5T30-EV	2,386	110	218.3	32,355	44,390	5,985

- 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 (0.189 lps) per ton at 95° (35°C) entering water temperature, 85° (29.4°C) leaving water temperature, and 78° (25.6°C) wet-bulb temperature.

Engineering Data & Dimensions

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	Fan Motor (kW)	Air Flow (m ³ /s)	Weights (kg's)		
				Shipping	Operating	Heaviest Section
AT 248-4N30-EV	2,872	(2)30	285.9	61,010	85,075	5,590
AT 248-4O30-EV	3,052	(2)37	307.2	61,315	85,385	5,590
AT 248-4P30-EV	3,318	(2)45	325.2	61,590	85,655	5,590
AT 248-4Q30-EV	3,521	(2)55	349.3	61,545	85,610	5,590
AT 248-4R30-EV	3,958	(2)75	382.1	61,780	85,845	5,590
AT 248-4S30-EV	4,251	(2)90	409.8	62,605	86,670	5,590
AT 248-4T30-EV	4,532	(2)110	433.7	63,115	87,180	5,590
AT 248-5N30-EV	2,986	(2)30	281.3	62,605	86,670	5,985
AT 248-5O30-EV	3,171	(2)37	302.2	62,915	86,980	5,985
AT 248-5P30-EV	3,435	(2)45	319.9	63,185	87,255	5,985
AT 248-5Q30-EV	3,639	(2)55	343.6	63,140	87,205	5,985
AT 248-5R30-EV	4,075	(2)75	375.8	63,375	87,445	5,985
AT 248-5S30-EV	4,365	(2)90	403.1	64,200	88,270	5,985
AT 248-5T30-EV	4,640	(2)110	426.5	64,710	88,775	5,985

- 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 (0.189 lps) per ton at 95° (35°C) entering water temperature, 85° (29.4°C) leaving water temperature, and 78° (25.6°C) wet-bulb temperature.



EVAPCO PRODUCTS ARE MANUFACTURED WORLDWIDE.



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- EVAPCO Facilities

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