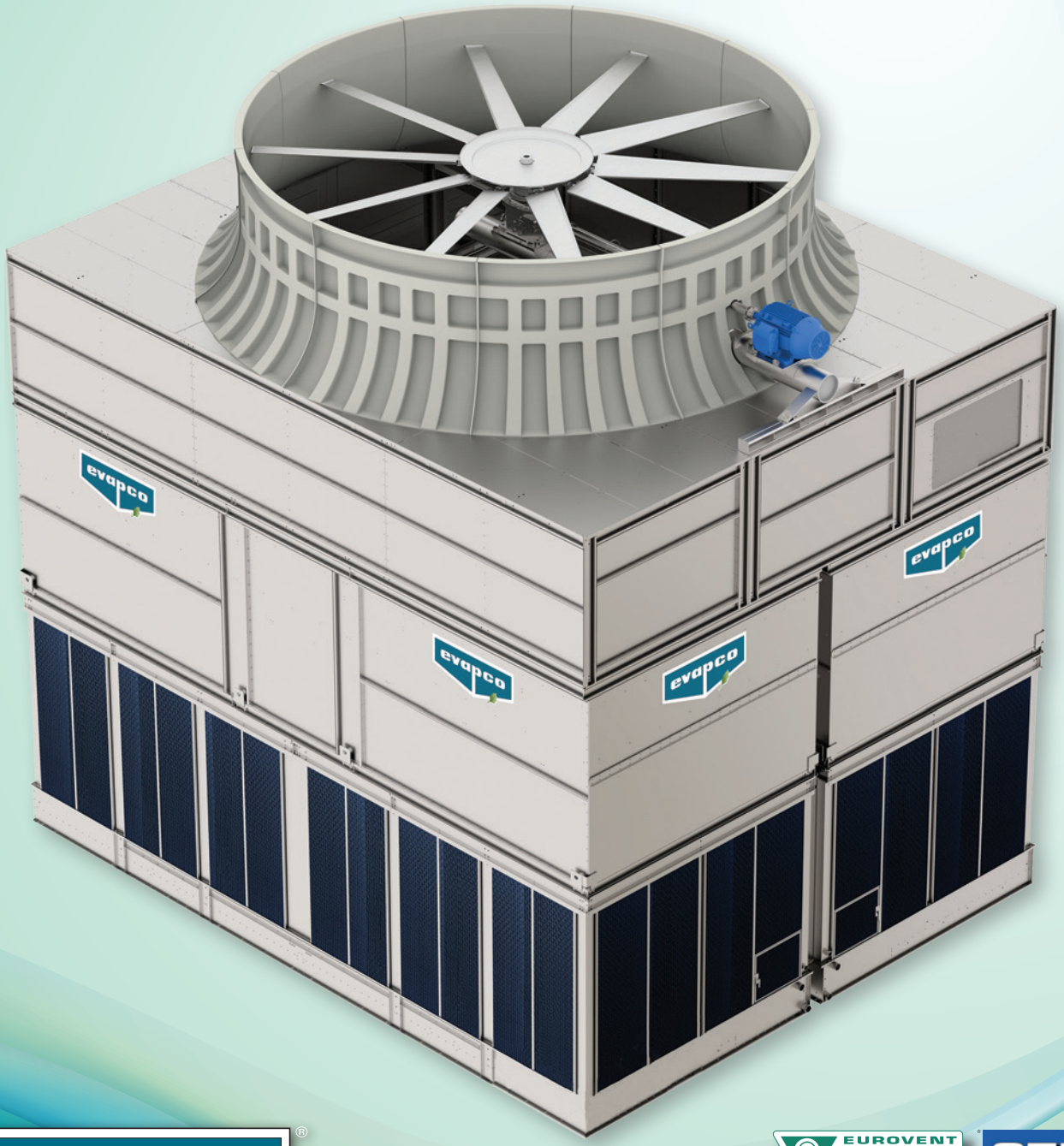
COOLING TOWERS

AT Atlas®

Modular Advanced Technology (AT) Series

Large, Energy Efficient, Counterflow Cooling Towers



evapco® for LIFE

EUROVENT CERTIFIED PERFORMANCE
CT N° : 12.02.008
Range : AT
www.eurovent-certification.com

CTI CERTIFIED

*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.

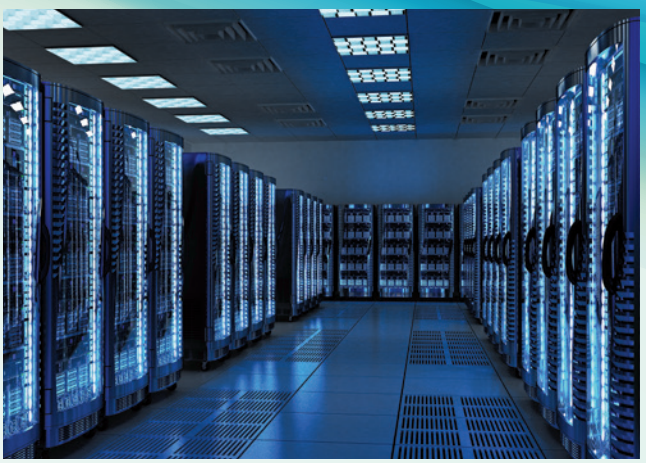
OUR COMMITMENT

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 55 active U.S. Patents and 189 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

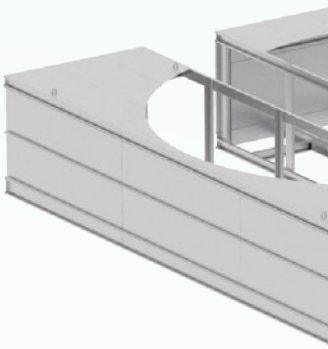
To ensure 100% **reliability** for the high demands of critical cooling applications, the Atlas is highly engineered with quality components and manufactured to exacting standards. The **durable** materials of construction ensure the **longevity** expected of EVAPCO products. The cooling towers are designed 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



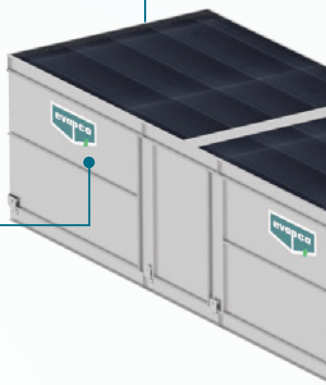
High-Efficiency Drift Eliminators

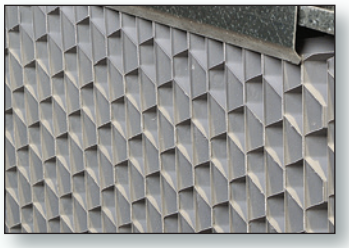
(US Patent 6,315,804)

- 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.

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.

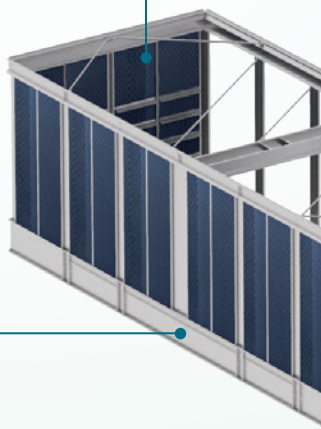


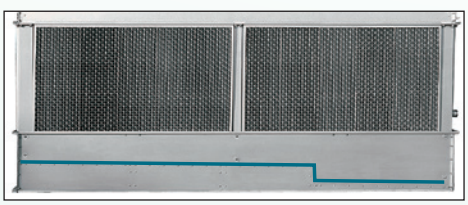


WST Air Inlet Louvers (Water and Sight Tight)

(US Patent 7,927,196)

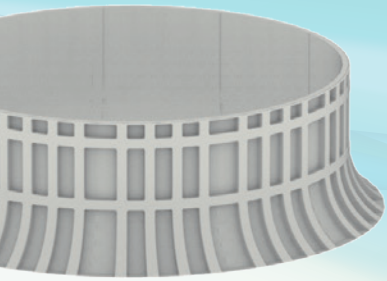
- Easily removable for access
- Framed in same material as tower basin
- Improved design to keep sunlight out - preventing biological growth
- Keeps water in while keeping dirt and debris out





Clean Pan Sloped Basin Design

- Designed to completely drain the cold water basin
- Helps prevent build-up of sediment and biological film
- Eliminates standing water after draindown



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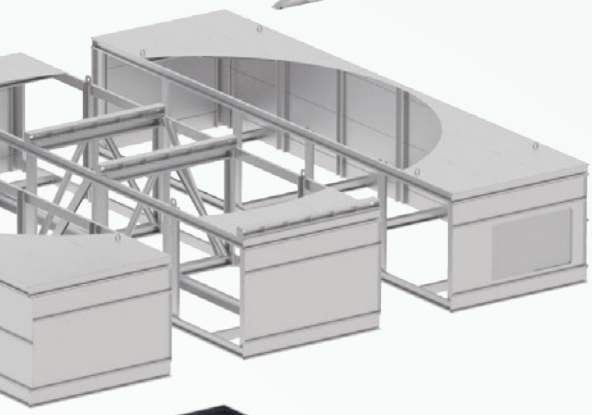
The EVAPCO Performance Guarantee ECC-CTI Certified

Every Advanced Technology product is rigorously thermal performance tested by EVAPCO and then independently certified by the Eurovent Association and the Cooling Technology Institute (CTI) so you know you're getting a solution that's guaranteed to get the job done.

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.



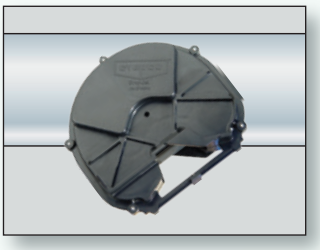
Robust Design and Materials

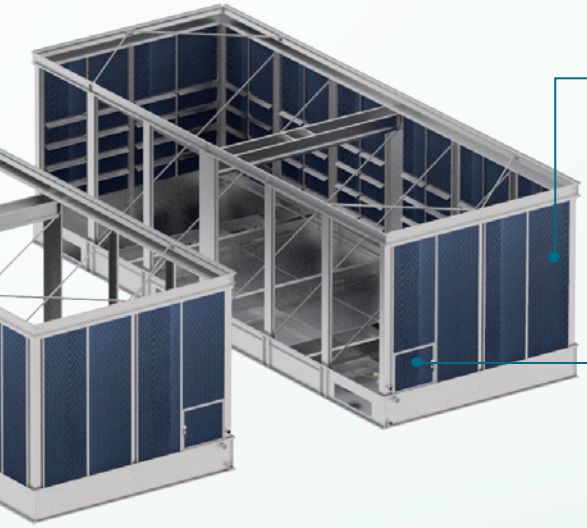
Built with industrial-grade materials and engineered to withstand the demands of HVAC and industrial applications

- 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



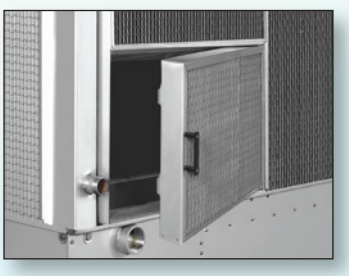


Access

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

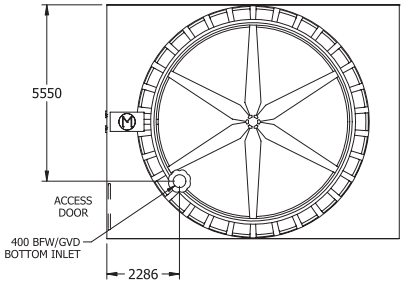
Louver Access Door

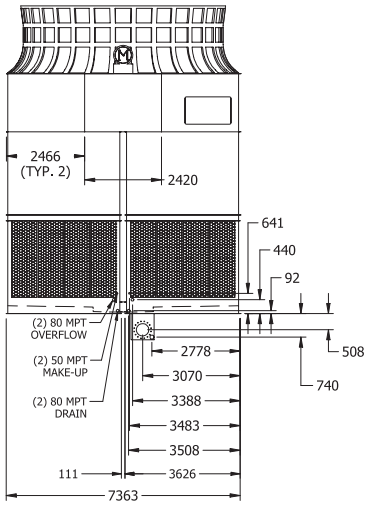
- Hinged access panel with quick release mechanism
- Allows easy access to perform routine maintenance and inspection of the make-up assembly, strainer, screen and basin

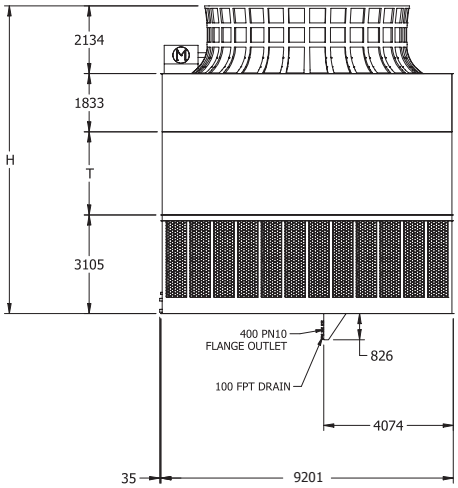


Engineering Data & Dimensions

One-Cell Cooling Towers





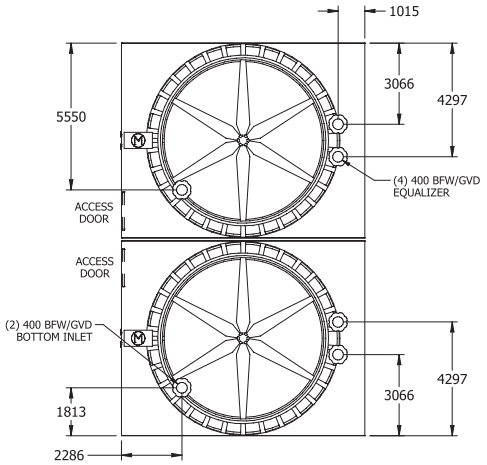


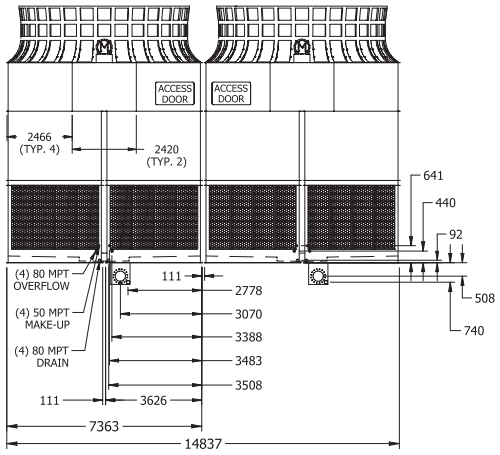
Model No.	Nominal Capacity (kW)	Fan Motor (kW)	Shipping (kg)	Weights		
				Operating (kg)	Heaviest Section (kg)	Air Flow (m^3/s)
AT 124-4N30-EV	6.522	30	30.505	42.540	5.590	145
AT 124-4O30-EV	6.931	37	30.660	42.690	5.590	155
AT 124-4P30-EV	7.529	45	30.795	42.830	5.590	165
AT 124-4Q30-EV	7.990	55	30.770	42.805	5.590	180
AT 124-4R30-EV	8.966	75	30.890	42.925	5.590	195
AT 124-4S30-EV	9.625	90	31.300	43.335	5.590	210
AT 124-4T30-EV	10.263	110	31.555	43.590	5.590	220
AT 124-5N30-EV	6.777	30	31.300	43.335	5.985	145
AT 124-5O30-EV	7.190	37	31.455	43.490	5.985	155
AT 124-5P30-EV	7.784	45	31.595	43.625	5.985	165
AT 124-5Q30-EV	8.241	55	31.570	43.605	5.985	175
AT 124-5R30-EV	9.221	75	31.690	43.720	5.985	190
AT 124-5S30-EV	9.876	90	32.100	44.135	5.985	205
AT 124-5T30-EV	10.487	110	32.355	44.390	5.985	220

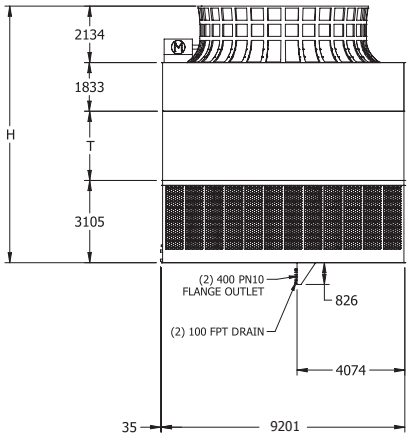
NOTES: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
(4) Nominal capacity is based on 35°C entering water temperature, 29,4°C leaving water temperature and 25,6°C wet-bulb temperature.

Engineering Data & Dimensions

Two-Cell Cooling Towers







Model No.	Nominal Capacity (kW)	Fan Motor (kW)	Shipping (kg)	Weights		
				Operating (kg)	Heaviest Section (kg)	Air Flow (m^3/s)
AT 248-4N30-EV	12.623	(2) 30	61.010	85.075	5.590	285
AT 248-4O30-EV	13.414	(2)37	61.315	85.385	5.590	305
AT 248-4P30-EV	14.583	(2) 45	61.590	85.655	5.590	325
AT 248-4Q30-EV	15.475	(2) 55	61.545	85.610	5.590	350
AT 248-4R30-EV	17.396	(2) 75	61.780	85.845	5.590	380
AT 248-4S30-EV	18.684	(2) 90	62.605	86.670	5.590	410
AT 248-4T30-EV	19.919	(2) 110	63.115	87.180	5.590	435
AT 248-5N30-EV	13.124	(2) 30	62.605	86.670	5.985	280
AT 248-5O30-EV	13.937	(2) 37	62.915	86.980	5.985	300
AT 248-5P30-EV	15.097	(2) 45	63.185	87.255	5.985	320
AT 248-5Q30-EV	15.994	(2) 55	63.140	87.210	5.985	345
AT 248-5R30-EV	17.910	(2) 75	63.375	87.445	5.985	375
AT 248-5S30-EV	19.185	(2) 90	64.200	88.270	5.985	405
AT 248-5T30-EV	20.394	(2) 110	64.710	88.775	5.985	425

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.
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(3) Adequate spacing must be allowed for access to the cooling tower. Refer to EVAPCO's Equipment Layout Manual.
(4) Nominal capacity is based on 35°C entering water temperature, 29,4°C leaving water temperature and 25,6°C wet-bulb temperature.

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