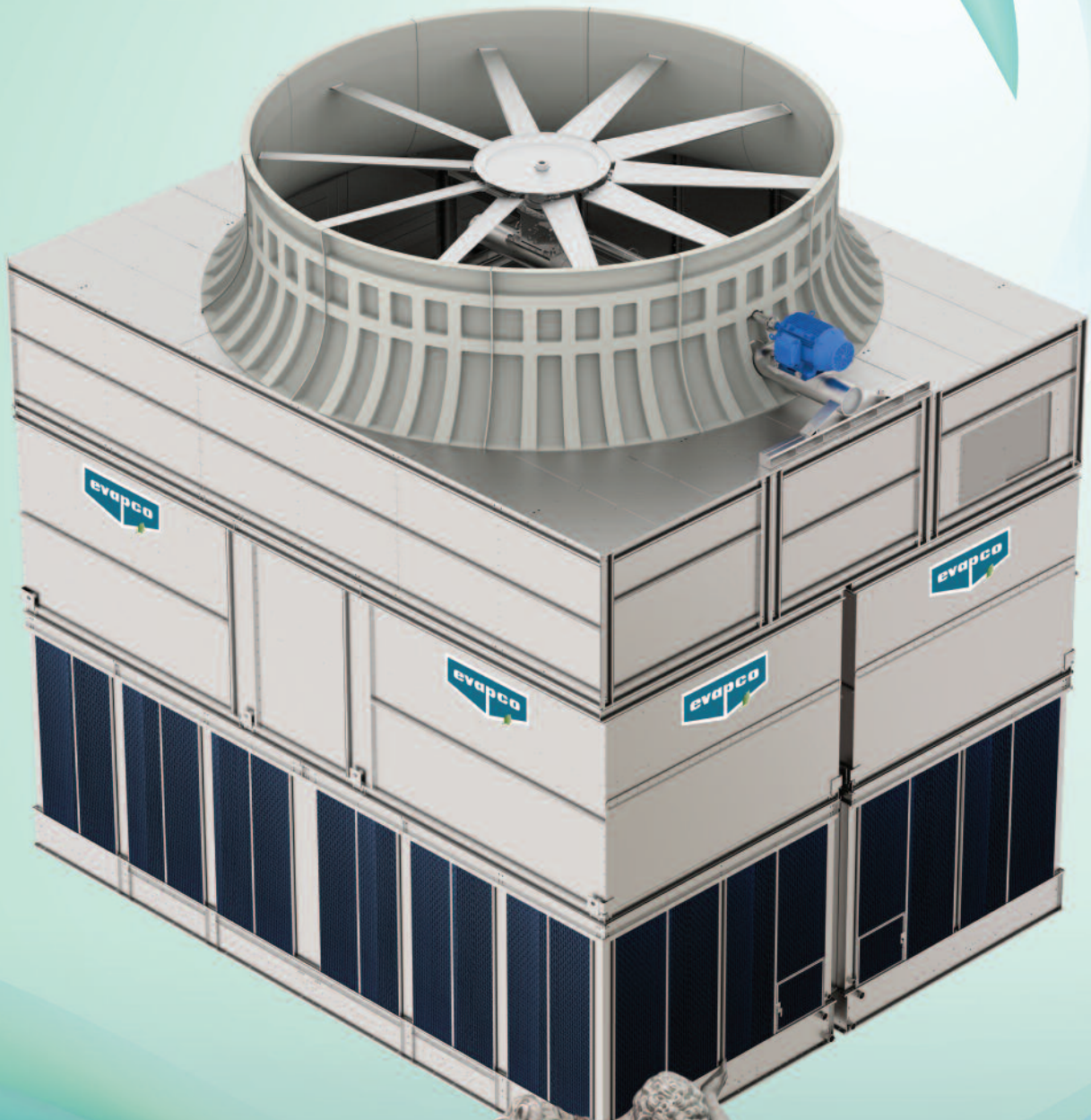


COOLING TOWERS

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.

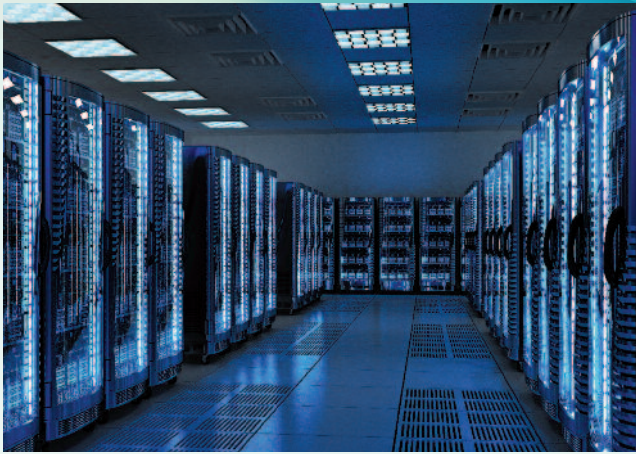
OUR COMMITMENT

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

(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)*

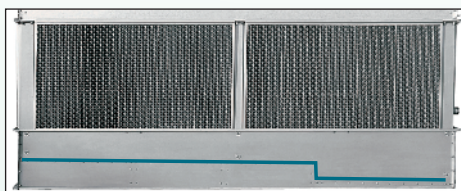
- EVAPAK® fill is specially designed to induce a highly turbulent mix of air and water for superior heat transfer. Special drainage tips allow high water loadings without excessive pressure drops.
- The bottom support of the fill section, combined with the unique way in which EVAPAK's cross-fluted sheets 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)

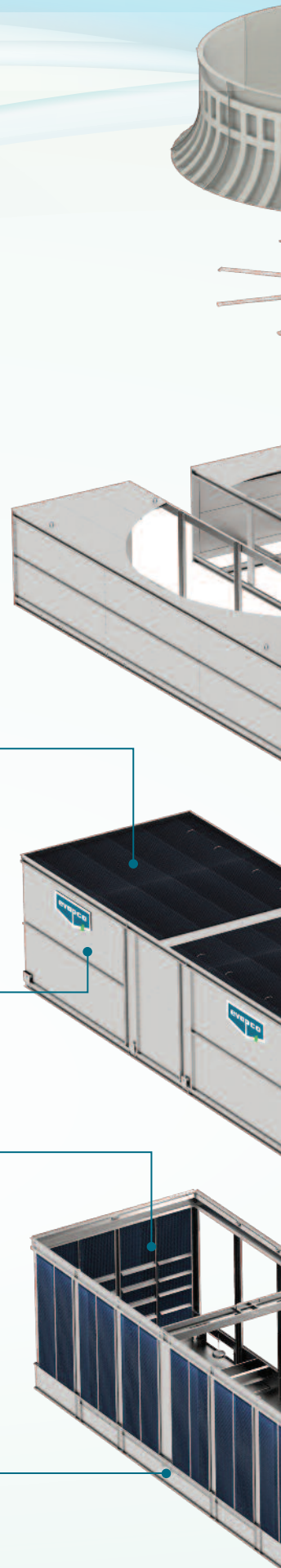
(US Patent 7,927,196)

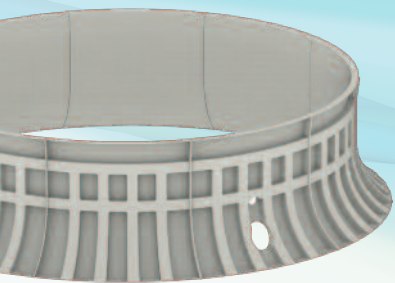
- Easily removable for access
- Framed in same material as tower basin
- Improved design to keep sunlight out - preventing biological growth
- Keeps water in while keeping dirt and debris out



Clean Pan Sloped Basin Design

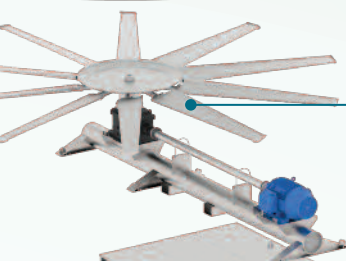
- Designed to completely drain the cold water basin
- Helps prevent buildup of sediment and biological film
- Eliminates standing water after draindown





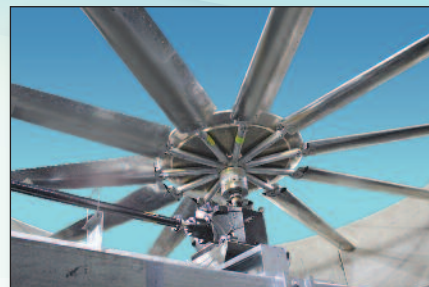
Certified Thermal Performance

Thermal Performance Rated in
Accordance with CTI 201



Mechanical Equipment

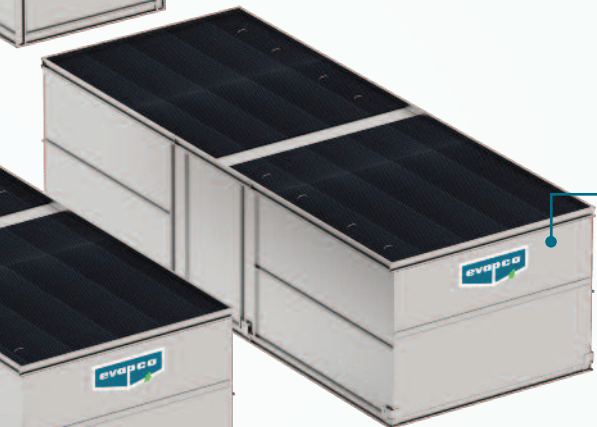
EVAPCO provides fans, gearboxes, driveshafts and motors from a select group of equipment suppliers specializing in cooling tower products. These relationships ensure a high quality product that can withstand the harsh cooling tower environment while also producing the airflow required for peak thermal performance.



Robust Design and Materials

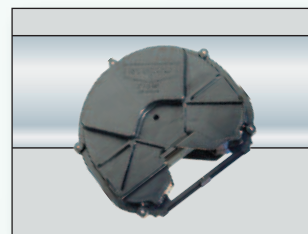
Built with industrial-grade materials and engineered to withstand the demands of HVAC and industrial applications

- Heavy-gauge steel structure, galvanized or stainless steel
- 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

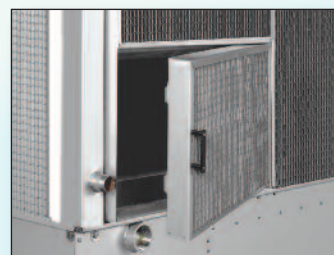


Access

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

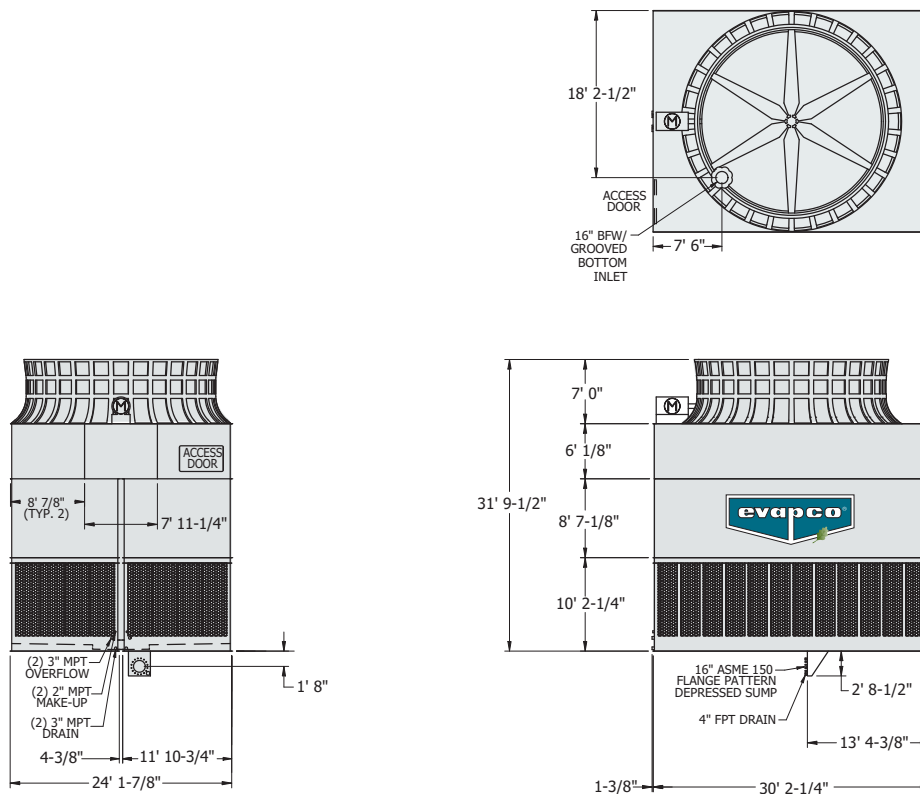
Louver Access Door

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



Engineering Data & Dimensions

One-Cell Cooling Towers

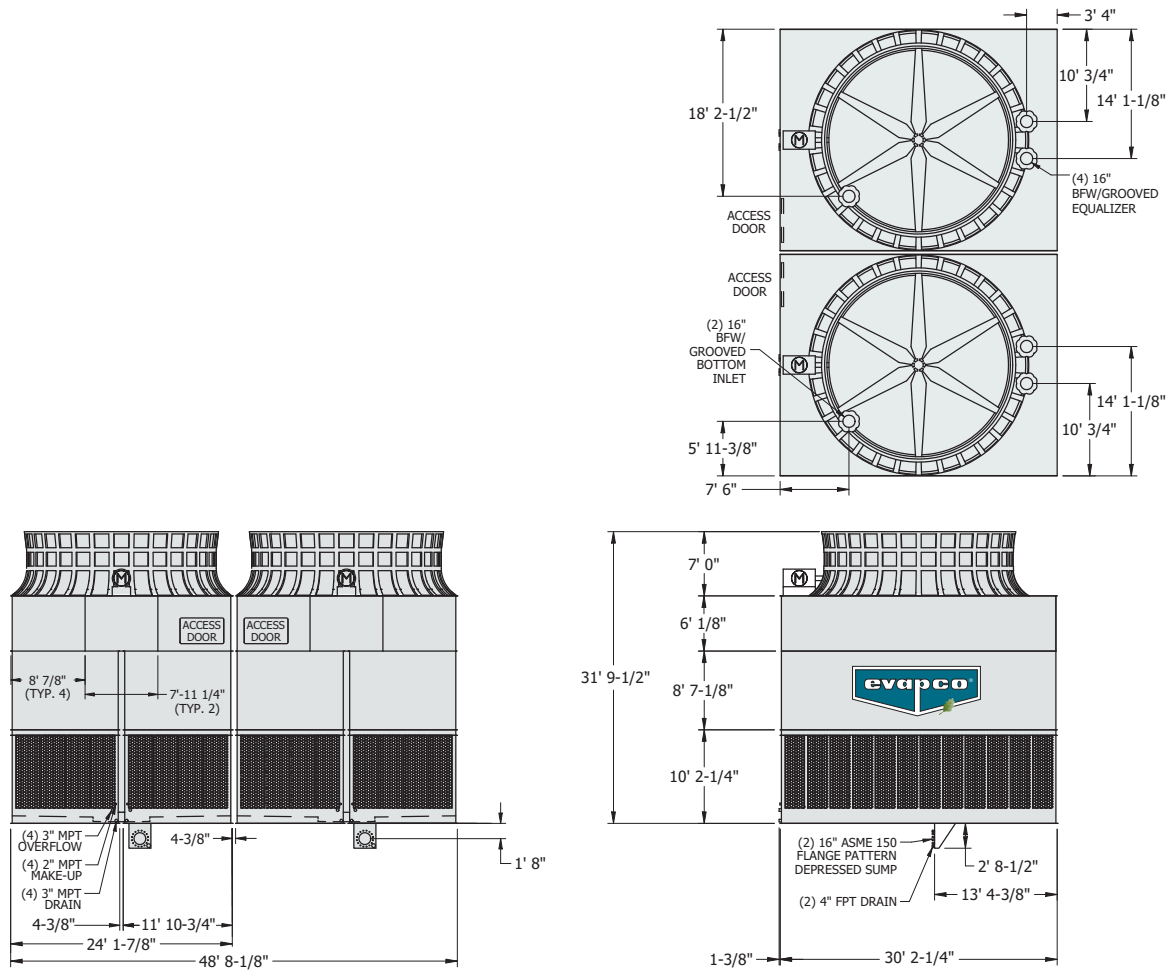


Model No.	Nominal Tonnage	Fan Motor (HP)	Air Flow (CFM)	Weights (LBS)		
				Operating	Heaviest Section	Shipping
AT 124-4N30-EV	1,484	40	310,200	93,780	12,320	67,250
AT 124-4O30-EV	1,577	50	333,300	94,120	12,320	67,590
AT 124-4P30-EV	1,713	60	352,900	94,420	12,320	67,890
AT 124-4Q30-EV	1,818	75	379,000	94,370	12,320	67,840
AT 124-4R30-EV	2,040	100	414,500	94,630	12,320	68,100
AT 124-4S30-EV	2,190	125	444,500	95,540	12,320	69,010
AT 124-4T30-EV	2,335	150	470,300	96,100	12,320	69,570
AT 124-5N30-EV	1,542	40	305,200	95,540	13,200	69,010
AT 124-5O30-EV	1,636	50	327,900	95,880	13,200	69,350
AT 124-5P30-EV	1,771	60	347,100	96,180	13,200	69,650
AT 124-5Q30-EV	1,875	75	372,800	96,130	13,200	69,600
AT 124-5R30-EV	2,098	100	407,600	96,390	13,200	69,860
AT 124-5S30-EV	2,247	125	437,200	97,300	13,200	70,770
AT 124-5T30-EV	2,386	150	462,600	97,860	13,200	71,330

- 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.

Engineering Data & Dimensions

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	Fan Motor (HP)	Air Flow (CFM)	Weights (LBS)		
				Operating	Heaviest Section	Shipping
AT 248-4N30-EV	2,872	(2)40	605,700	187,560	12,320	134,500
AT 248-4O30-EV	3,052	(2)50	650,900	188,240	12,320	135,180
AT 248-4P30-EV	3,318	(2)60	689,100	188,840	12,320	135,780
AT 248-4Q30-EV	3,521	(2)75	740,200	188,740	12,320	135,680
AT 248-4R30-EV	3,958	(2)100	809,600	189,260	12,320	136,200
AT 248-4S30-EV	4,251	(2)125	868,400	191,080	12,320	138,020
AT 248-4T30-EV	4,532	(2)150	919,000	192,200	12,320	139,140
AT 248-5N30-EV	2,986	(2)40	596,000	191,080	13,200	138,020
AT 248-5O30-EV	3,171	(2)50	640,300	191,760	13,200	138,700
AT 248-5P30-EV	3,435	(2)60	677,900	192,360	13,200	139,300
AT 248-5Q30-EV	3,639	(2)75	728,100	192,260	13,200	139,200
AT 248-5R30-EV	4,075	(2)100	796,300	192,780	13,200	139,720
AT 248-5S30-EV	4,365	(2)125	854,100	194,600	13,200	141,540
AT 248-5T30-EV	4,640	(2)150	903,800	195,720	13,200	142,660

- 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.



EVAPCO PRODUCTS ARE MANUFACTURED WORLDWIDE.



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■ EVAPCO Facilities

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