

COOLING TOWERS

AT / UT / USS *Advanced Technology (AT) Series*

The Industry's Smartest Induced Draft, Counterflow Cooling Towers



*Mark owned by the Cooling Technology Institute



Get to Know EVAPCO

- The global innovator in heat transfer solutions
- Serving the commercial HVAC, industrial refrigeration, power generation, and industrial processing markets
- Founded in 1976
- Employee-owned
- 20 facilities in 10 countries
- More than 170 sales offices in 51 countries

Learn More Now.

Visit evapco.com to view complete product specs, download product catalogs, and more.

EVAPCO is more than a name.

It's a pledge to make everyday life easier, more comfortable, more reliable, and more sustainable for people everywhere. How do we fulfill on that promise? It's simple.

We never stop innovating.

At EVAPCO, we don't just talk about innovation. It's ingrained in our workflow. Guided by our annually developed R&D plans, we set out every day to find groundbreaking solutions that transform the way the world works for the better. It's why we have more than 25 patents worldwide in the last 10 years alone.

We craft exceptionally built solutions.

As an employee-owned company, we are loyal. We demand excellence of one another. And we take pride in our work. Together, we make up one of the most experienced teams of engineers and craftsmen in the industry. This translates into solutions that are always exceptionally built. No one will deliver higher quality for you.

We guarantee performance.

Every EVAPCO solution is put through rigorous research and testing to deliver maximum efficiency and reliability. But we don't stop there. We also lead the industry in independent, third-party performance certifications. These certifications guarantee our performance metrics—so that you can plan your projects with complete peace of mind.

We protect the environment.

Innovation and environmental sustainability go hand-in-hand at EVAPCO. From sound reduction to water conservation to chemical elimination, we are constantly developing new technologies that deliver the ultimate operating advantages for our clients—and protect the planet for every generation that comes after us.

We are EVAPCO—the team you can count on for life.



The Advanced Technology Series: The Industry's Smartest Cooling Towers

Crafted from decades of engineering know-how, the Advanced Technology (AT) cooling tower series from EVAPCO features state-of-the-art induced draft, counterflow technology to deliver superior operating advantages in any climate. From performance to maintenance, they simply work smarter.

3 Advanced Technology Options. More Possibilities.

Available in 60 cross sections and a capacity range of 33 to 5,141 nominal tons (144 to 22,596 kW).

See page 23 for model-by-model dimensions.



AT The original compact, low-horsepower, induced draft, axial fan solution for all outdoor applications.

UT All of the benefits of the AT design, built with EVAPCO's Super-Low-Sound Fan for sound-sensitive applications. See page 18 to learn more.

USS All-stainless-steel AT construction for maximum corrosion resistance, ideal for coastal and other corrosive environments. See page 18 to learn more.

Principle of Operation

Warm water from the heat source is pumped to the water distribution system at the top of the tower. The water is distributed over the wet deck fill by means of large opening EvapJet™ nozzles. Simultaneously, air is drawn in through the air inlet louvers at the base of the tower and travels upward through the wet deck fill opposite the water flow. A small portion of the water is evaporated which removes the heat from the remaining water. The warm moist air is drawn to the top of the cooling tower by the fan and discharged to the atmosphere. The cooled water drains to the basin at the bottom of the tower and is returned to the heat source.

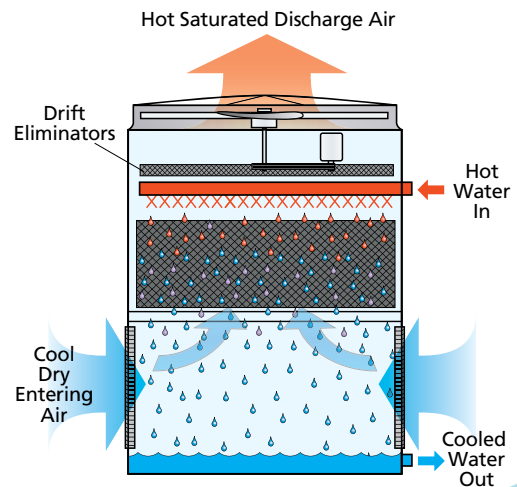
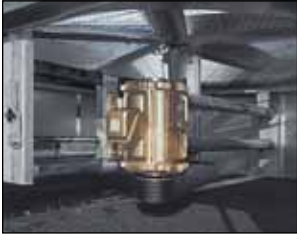


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The Advanced Technology Series at a Glance



Totally Enclosed Fan Motors

- Motors positioned for easy accessibility and extended serviceability
- Assures long life
- Energy efficient/inverter capable motors supplied as standard
- Optional space heaters available to eliminate condensation while idle



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
- Standard on models with louvers 5 feet and taller



Easy Field Assembly

- New field assembly seam design ensures easier assembly and reduced potential for field seam leaks
- Self-guided channels guide the fan casing section into position, improving the quality of the field seam
- Eliminates up to 66% of fasteners compared to old design



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

US Patent No. 7,927,196

EVAPCO POWER-BAND Drive System

- Easy-maintenance, heavy-duty drive system
- Standard heavy-duty pillow-block bearings with a minimum L10 life of 75,000 hours
- Extended lube lines
- External motor/belt adjustment
- Solid-back multigroove belts and totally enclosed motors are standard

**International Building Code*

***Office of Statewide Health Planning and Development*

****Mark owned by the Cooling Technology Institute*



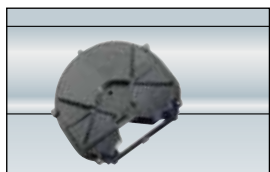
IBC* & OSHPD** Designs

- All standard models meet IBC requirements
- Upgraded designs for high seismic and wind load areas
- Upgraded designs can also be used for projects requiring OSHPD approval

US Patent Nos. 7,938,373 and 7,963,492

Optional Motor Davit & Working Platform

- Motor davit and bracket option for easy motor and fan removal
- Also available for gearbox removal
- Platform and ladder arrangement available as an option
- Provides a robust self-supporting working surface for the service mechanic

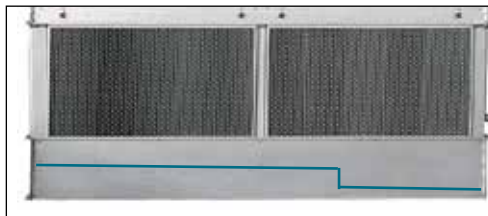


EvapJet™ nozzle



Water Distribution System

- EvapJet™ nozzles provides 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
- System branches have threaded end caps to assist with debris removal



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 drain down (*See details of design on page 9*)



The EVAPCO Performance Guarantee

CTI Certified | IBC Compliant | ASHRAE 90.1 Compliant

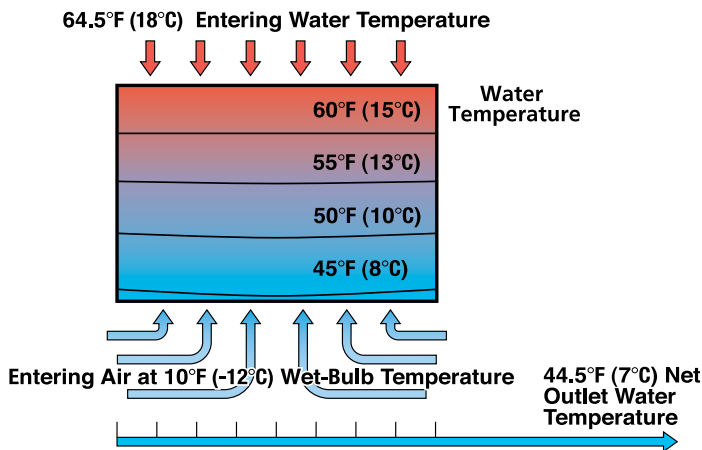
Every Advanced Technology product is rigorously thermal performance tested by EVAPCO and then independently certified by the Cooling Technology Institute (CTI) so you know you're getting a solution that's guaranteed to get the job done.

Innovative Design Features

With EVAPCO, you get a partner you can count on to keep you at the cutting edge of your field. That's because we build innovation into every HVAC solution that we deliver to you. Here are just some of the game-changing features you'll find in the Advanced Technology cooling tower series.

Optimum Design for Freezing Climates

The Advanced Technology cooling tower series features a totally encased wet-deck fill which inhibits direct exposure to the elements, as well as a bonded-block structure with bottom supports to provide additional support should ice form. On top of that, the counterflow design's even-temperature gradient ensures all water is cooled to the same temperature. Together, these smarter design elements make the Advanced Technology series the ideal solution for severe climates.



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.

EVAPAK is constructed of inert polyvinyl chloride (PVC), so it will not rot or decay. It can also withstand water temperatures of 130° F/55° C. (An option for higher water temperatures is also available. Consult your EVAPCO representative to learn more.)

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.

EVAPAK is also self-extinguishing with a flame spread rating of 5 per ASTM-E84-81a.

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 to less than 0.001% of the recirculating water rate in most instances. This saves valuable water and enables you to place your cooling tower in areas where minimum water carryover is critical, such as parking lots.

The drift eliminators are 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.





Smooth Flow Fans

Smooth flow axial propeller fans come standard on all Advanced Technology series cooling towers. Fan construction is dependent on unit size:

- 4-foot-wide: Fiberglass-reinforced polypropylene (PPG) wide chord blades with die-cast aluminum hub
- Over 4 feet: 100% aluminum alloy

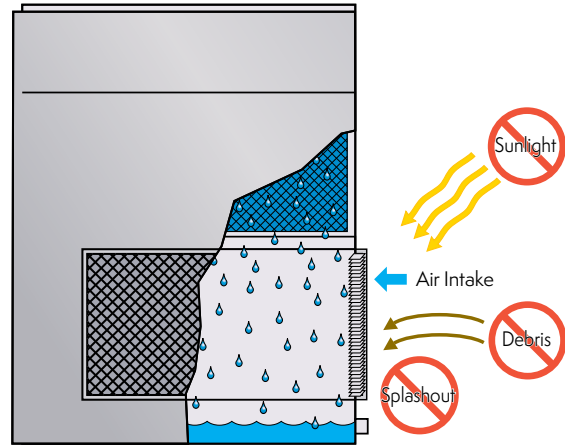
All fans are statically balanced and installed in a closely fitted cowl with venturi air inlet for maximum efficiency. Fan screens are constructed of galvanized steel or optional type 304 stainless steel, and have steel frames bolted to the fan cowl.

Low sound and super low sound fan options are also available. See page 15 to learn more.

Pressurized Water Distribution System

The Advanced Technology series' water distribution system is made of schedule 40 PVC pipe and EvapJet™ ABS plastic water nozzles for critical corrosion protection. The piping is easily removable for cleaning. The water nozzles have a 1-inch diameter (25 mm) opening to help eliminate costly clogging. In addition, the spray branches have threaded end caps to allow easy debris removal.

The spray pressure for all Advanced Technology series cooling towers is between 1 and 6 psig (7 and 41 kPa) at the inlet header. (Actual spray pressure will be provided on the submittal prepared for your unit.)



Superior Air Inlet Louver and Screen Design (US Patent 7,927,196)

EVAPCO's water and sight tight (WST) inlet louver keeps water in and sunlight out of your Advanced Technology series cooling tower. The unique, non-planar design is made from lightweight, framed PVC sections which have no loose hardware, enabling easy unit access. The louver's air channels are optimized to maintain fluid dynamic and thermodynamic efficiency and block all line-of-sight paths into the basin, eliminating splash-out even when the fans are off. And because all sunlight is blocked, algae growth is minimized. The end result: reduced maintenance hours, water consumption, and water treatment costs.



EvapJet™ nozzle compared to previous EVAPCO nozzles

The POWER-BAND Belt Drive System

At the heart of every Advanced Technology series cooling tower is EVAPCO's POWER-BAND Belt Drive System. Tough enough to handle the most heavy-duty cooling tower applications, it's also the easiest drive system to maintain in the industry.

Fan Motors

POWER-BAND uses premium efficiency, inverter capable, totally enclosed fan motors that are designed specifically for cooling tower applications. A broad range of additional motors, including multi-speed motors, space heaters, thermistors, and shaft grounding rings, are also available to meet your specific needs.



Belt Drive

Specifically designed for cooling tower service, the POWER-BAND drive is a solid-back multigroove belt system with high lateral rigidity. The belt is constructed of neoprene with polyester cords, and sized for 150% of the motor nameplate horsepower to ensure long, trouble-free operation.

Drive System Sheaves

POWER-BAND's drive system sheaves are constructed of aluminum alloy for durability inside the cooling tower's warm, moist atmosphere. Models with totally enclosed fan cooled (TEFC) motors have a steel driver sheave protected by a hinged cover.

Fan Shaft Bearings

Rated for a minimum L10 life of 75,000 hours, POWER-BAND's fan shaft bearings are the cooling tower industry's most heavy-duty pillow-block bearings. That means longer operating life and less risk of costly downtime.



5-Year Motor and Drive Warranty

All POWER-BAND belt drives and optional gear drives come with EVAPCO's unique 5-year motor and drive warranty. The comprehensive plan covers fans, fan shaft, belts, sheaves, fan bearings, gear box, flexible coupling, driveshaft, and motors to give you total protection.

The Industry's Easiest Drive-System Maintenance

With POWER-BAND, all periodic maintenance can be safely performed from the side of your Advanced Technology series cooling tower. No standing inside the cold water basin—and no need for fan deck handrails or safety cages.

Standard Towers (8.5 Feet Wide or Less)

The totally enclosed fan cooled (TEFC) motor is mounted on the outside and protected from the weather by a cover that swings away for maintenance. A large, hinged access door is located on the side of the unit for easy access to the fan drive system. The belt can be adjusted by tightening the j-bolts on the motor base, and tension can be checked easily through the access door. The bearing lubrication lines have been extended to the exterior casing and are located by the access door, thus making bearing lubrication easy. Sloped maintenance ladders and working platforms are available to make maintenance even easier. See page 10 for details.



Large Towers (Over 8.5 Feet Wide)

The totally enclosed air over (TEAO) motor is located inside the fan casing and mounted on a unique, heavy-duty adjustable motor base that's designed to swing completely to the outside of the unit through a large, hinged access door (14 square feet/1.3 square meters). The belt can be easily adjusted from outside the unit via an all-thread that runs through the motor base, or via the motor base's unique locking mechanism if a wrench is not available. Bearing lubrication fittings are extended to the side of the unit inside the access door to allow for easy application of the bearing lubricant. To facilitate motor removal, an optional motor davit is available. See page 10 for details.



Worry-Free Maintenance Basin Design

The cold water basin is the most important area of a cooling tower to maintain. Dirt and debris naturally collect there as a result of the evaporation process and must be cleaned out on a regular basis. The basin section of every Advanced Technology series cooling tower is designed to allow quick and easy access—promoting routine maintenance of the cold water basin.



Easy Access

The cold water basin section is easily accessible from ground level by simply loosening the two quick release fasteners on the inlet louver assemblies and lifting out the lightweight louver. The basin can be accessed from all four sides of the cooling tower, and the bottom of the fill section is a minimum of 4 feet (1.2 m) above the basin floor. This open design enables the basin to be easily cleaned. *Note: 4-foot-wide models are accessible on only two sides.*

Louver Access Door

To aid in basin maintenance, most Advanced Technology models can be equipped with an optional louver access door. This allows easy access to perform routine maintenance and inspection of the makeup assembly, strainer screen, and basin without removing an entire inlet louver. *Note: This feature is standard on models with louvers 5 feet and taller and optional on models with 4-foot-tall louvers.*

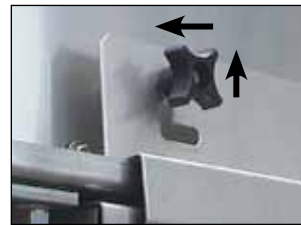


Stainless Steel Strainers

For most cooling towers, the strainer is subject to excessive wear and corrosion. Not so with EVAPCO's cooling towers. Our strainers are constructed with stainless steel—a long-standing EVAPCO standard—ensuring that yours will last the life of your cooling tower.

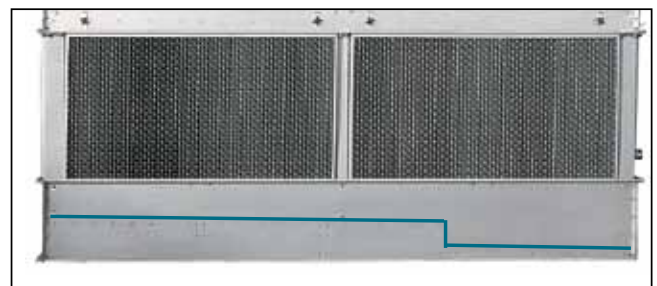
Easy, Removable Air Inlet Louvers with Quick Release Fasteners

The Advanced Technology series features a quick release fastener design consisting of two large thumbscrews and a retaining bracket system. By loosening the thumbscrews, the retaining bracket lifts away from the louver frame, allowing the louver to be removed quickly and easily while the retaining bracket and thumbscrews stay on the cooling tower—thus eliminating the possibility of missing hardware.



Clean Pan Design

The Advanced Technology series also features a completely sloped basin from the upper to lower pan section. This "clean pan" design allows the water to be completely drained from the basin. The cooling tower water will drain from the upper section to the depressed lower pan section where the dirt and debris can be easily flushed out through the drain. This design helps prevent buildup of sedimentary deposits and biological films, and minimizes standing water. *Note: On 4-foot-wide units, the pan is sloped without the step.*



Optional Equipment

The standard design of the EVAPCO Advanced Technology series makes it the easiest cooling tower to maintain in the industry. Take your tower to the next level with a host of options that can make maintenance even easier and extend the life of your cooling tower even longer.

Sloped Maintenance Ladders

Designed by EVAPCO and OSHA-compliant, this sloped “ships type” ladder enables visual inspection of the water distribution system and drive components. What’s more, all standard drive system maintenance can be performed from the ladder. A handrail is attached to the sloped ladder for safe and easy ascent and descent—no need for safety cages. *Note: Available on all models wider than 4 feet. A vertical ladder is available for smaller models. Ladder ships loose and must be field mounted.*



Working Platform & Ladder with Davit

Make it easy to service the fan motor and water distribution system with this heavy-duty, self-supporting working platform and standard ladder. A less expensive alternative to field erected catwalks, the system is OSHA compliant and ships in sections for easy installation. *Note: The working platform is not available on 4-foot-wide models.*

Plus! Eliminate crane rentals with an optional davit that facilitates the easy removal of motors, gear drives, and fans. The davit is constructed of aluminum and is mounted on the side of the unit with a galvanized steel bracket. *Note: Davit ships loose and is installed in the field.*



Stainless Steel Basin

The basin provides the structural support for the unit and is the most important part of your cooling tower. Maximize its protection against corrosion with EVAPCO’s optional stainless steel water touch basin, which uses type 304 or type 316 stainless steel for the entire basin area, including the support columns and plenum of the cooling tower and the louver frames.



Basin-Level Platform & Ladder

Available on select above-ground cooling tower models, the basin-level platform and ladder facilitates easy basin inspections and maintenance, including float assembly adjustment and basin/suction strainer cleaning. The platform and ladder ship in modules for easy installation. *Note: Ladder requires field support.*

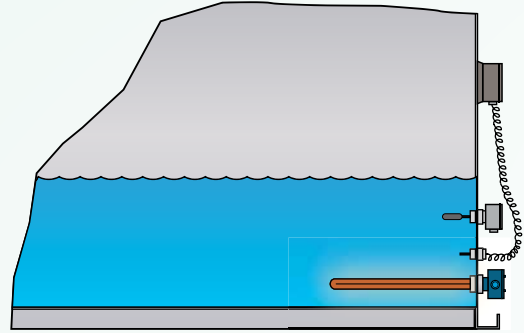


Optional Equipment: Electric Basin Heaters

Electric immersion heaters can be added to the basin of your Advanced Technology series cooling tower. They are sized to maintain a +40° F (4.5° C) pan water temperature with the fans and system pumps off. A thermostat and low-water protection device cycle the heater on when required and prevent the heater elements from energizing unless they are completely submerged. All components are protected by rugged, weatherproof enclosures for outdoor use.

AT/UT/USS Heater Sizes *

	Model No.	0°F kW	-20°F kW	-40°F kW
1-CELL	14-64 to 14-94	2	3	4
	14-66 to 14-96	3	4	5
	14-69 to 14-99	4	5	7
	14-612 to 14-912	5	7	9
	19-56 to 19-96	5	7	9
	19-28 to 19-98	6	8	12
	19-59 to 19-99	7	10	15
	19-111 to 19-911	8	12	15
	19-412 to 19-912	(2) 4	(2) 7	(2) 9
	19-114 to 19-914	(2) 5	(2) 7	(2) 10
	110-112 to 110-912	(2) 5	(2) 8	(2) 10
	110-118 to 110-918	(2) 7	(2) 12	(2) 15
	112-012 to 112-912	(2) 6	(2) 9	(2) 12
	112-314 to 112-914	(2) 7	(2) 10	(2) 15
	112-018 to 112-918	(2) 9	(2) 15	(2) 18
	112-520 to 112-920	(2) 10	(2) 15	(3) 15
2-CELL	114-0124 to 114-1324	(2) 16	(3) 16	(3) 20
	114-526 to 114-926	(2) 16	(3) 16	(3) 20
	26-517 to 26-917	(2) 5	(2) 7	(2) 9
	28-217 to 28-917	(2) 6	(2) 8	(2) 12
	29-318 to 29-918	(2) 6	(2) 9	(2) 12
	29-121 to 29-921	(2) 7	(2) 12	(2) 15
	29-024 to 29-924	(4) 4	(4) 7	(4) 9
	29-228 to 29-928	(4) 5	(4) 7	(4) 10
	210-124 to 210-924	(4) 5	(4) 8	(4) 10
	210-136 to 210-936	(4) 7	(4) 12	(4) 15
	212-59 to 212-99	(2) 5	(2) 7	(2) 9
	212-024 to 212-924	(4) 6	(4) 9	(4) 12
	212-128 to 212-928	(4) 7	(4) 10	(4) 15
	212-036 to 212-936	(4) 9	(4) 15	(4) 18
	212-0140 to 212-1640	(4) 10	(4) 15	(4) 20
	214-0148 to 214-1248	(4) 16	**	**
	214-552 to 214-952	(4) 16	**	**
	215-29 to 215-99	(2) 6	(2) 8	(2) 12
	217-59 to 217-99	(2) 7	(2) 10	(2) 15
	217-111 to 217-911	(2) 8	(2) 12	(2) 15
	217-412 to 217-912	(4) 4	(4) 7	(4) 9
	217-214 to 217-914	(4) 5	(4) 7	(4) 10
	220-112 to 220-912	(4) 5	(4) 8	(4) 10
	220-118 to 220-918	(4) 7	(4) 12	(4) 15
	224-018 to 224-918	(4) 9	(4) 15	(4) 18
	224-720 to 224-920	(4) 10	(4) 15	(4) 20
	228-0124 to 228-1024	(4) 16	**	**
	228-526 to 228-926	(4) 16	**	**



Note: Heater control packages that include contactor, transformer or disconnects are also available; speak to your local EVAPCO representative to learn more about these options.

AT/UT/USS Heater Sizes *

	Model No.	0°F kW	-20°F kW	-40°F kW
3-CELL	39-336 to 39-936	(6) 4	(6) 7	(6) 9
	39-242 to 39-942	(6) 5	(6) 7	(6) 10
	310-136 to 310-936	(6) 5	(6) 8	(6) 10
	310-154 to 310-954	(6) 7	(6) 12	(6) 15
	312-036 to 312-936	(6) 6	(6) 9	(6) 12
	312-042 to 312-942	(6) 7	(6) 10	(6) 15
	312-054 to 312-954	(6) 9	(6) 15	(6) 18
	312-260 to 312-960	(6) 10	(6) 15	(9) 15
	314-0172 to 314-1272	(6) 16	**	**
	314-578 to 314-978	(6) 16	**	**
	342-526 to 342-926	(6) 16	**	**
4-CELL	420-124 to 420-924	(4) 10	(4) 15	(4) 20
	420-136 to 420-936	(4) 15	(4) 15	(4) 20
	424-024 to 424-924	(4) 12	(4) 18	(6) 15
	424-028 to 424-928	(4) 15	(4) 20	(6) 18
	424-036 to 424-936	(4) 18	(6) 18	(8) 18
	424-0140 to 424-1640	(4) 20	(6) 20	(8) 20
	428-0148 to 428-1348	(8) 16	**	**
	428-552 to 428-952	(8) 16	**	**
	456-526 to 456-926	(8) 16	**	**

* Electric heater selection based on ambient air temperature shown.

** Consult factory

Optional Equipment



Electronic Water Level Control (EWLC)

Designed by and manufactured exclusively for EVAPCO, the electronic water level control system provides precision control for the basin water level and eliminates the need for field adjustment, even under varying operating conditions. The system uses heavy-duty stainless steel electrodes, which are mounted outside the unit in a vertical stand pipe that acts as a stilling chamber. (For winter operation, the stand pipe must be wrapped with electric heating cable and insulated to protect it from freezing.) Three-probe and five-probe packages are available. The five-probe package provides high- and low-level alarms. The weather-protected, slow-closing solenoid valve for the makeup water connection is factory-supplied and ready for piping to a water supply with a pressure between 5 and 125 psig (34 and 862 kPa).



Flanged Connections

Even More Options

Ask your EVAPCO representative about:

- Vibration switches
- Sump sweeper piping
- FM approval
- Bottom inlet and bottom suction connections
- Remote sump connections (see page 85 for more information)
- Materials for higher temperature applications
- TITAN PAK stainless steel fill
- WIDE-PAK for dirty water applications where TSS is less than 100 PPM
- VERTICLEAN for dirty water applications where TSS is between 75 and 500 PPM



**Bypass Connections with
Diffuser Hood**



Equalizers and Flume Plates

Optional Equipment: **Water Treatment Systems**

EVAPCO has dramatically changed the water treatment game with the introduction of Pulse~Pure® and Smart Shield®. Available as a complete water treatment system for coil products and open evaporative cooling applications. Water treatment has never been easier or more dependable.



Pulse~Pure® Non-Chemical Water Treatment System

Pulse~Pure® from EVAPCO uses pulsed electric field technology to treat your water without chemicals. It's the environmentally responsible solution that also packs a powerful water-treating punch:

- Emits short, high frequency bursts of low energy electromagnetic fields to recirculating water
- Forms seed crystals to attract and destroy scale-causing precipitants and bacteria
- Delivers a guaranteed maximum bacterial count of 10,000 CFU/ml in the cooling water—well below most chemical water treatment solutions
- Operates in an alkaline environment, allowing calcium carbonate to act as a natural cathodic corrosion inhibitor, and yielding corrosion rates equivalent to most chemical alternatives
- Operates at higher cycles of concentration to save water
- Compact design eliminates moving parts and ensures low energy consumption



Learn more about Pulse~Pure®
at evapco.com.

Optional Equipment: Water Treatment Systems

Warranty & Service Included

Each EVAPCO water treatment system is warranted by EVAPCO and comes standard with a one-year performance monitoring and service program provided by a factory-trained EVAPCO representative.

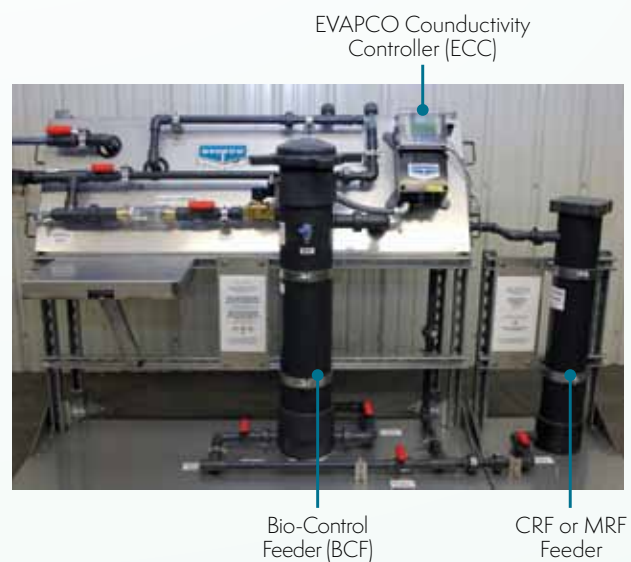
Smart Shield® Solid Chemical Water Treatment System

Proven solid chemistry. A revolutionary feed system. Together, these make Smart Shield®, the easiest and safest chemical water treatment system available today, featuring:

- A solid chemistry design that eliminates liquid chemical hazards — including spills — and the need for expensive feed pumps
- Reduced packaging, shipping and handling for lower costs and a lower carbon footprint than liquid chemicals

Smart Shield® is available in two unique systems to protect a broad range of evaporative cooling water applications:

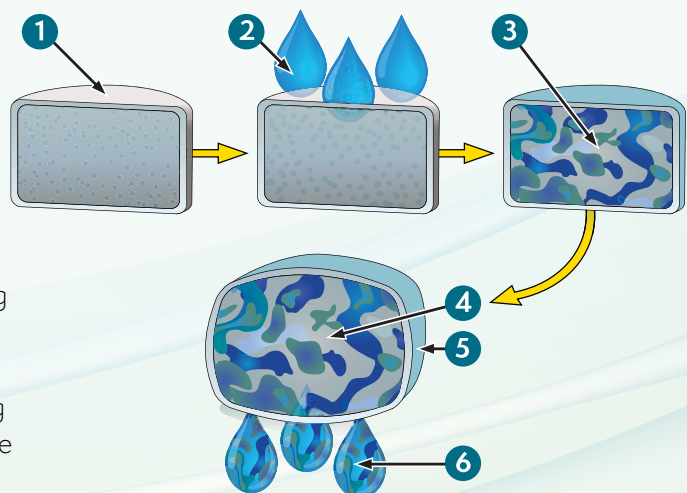
- Controlled release system (shown at right) uses scale and corrosion inhibitors utilizing polymer coated no-touch chemical replenishments for easier, safer reloads
- Monitored release systems are applicable for larger systems or those with higher inhibitor demand. Monitored release scale and corrosion inhibitors utilize uncoated tablets and a direct detect probe for precise control of active ingredients



Watch a short product video at smartshield.evapco.com.

Inhibitor Operation

1. Polymer coated inhibitor tablet
2. Recirculated water permeates the polymer coating
3. Solid chemistry becomes a slurry inside the tablet
4. Osmotic pressure causes the tablet to swell, forcing the chemistry out through the polymer coating
5. Polymer coating controls the treatment release rate
6. Treated water returns to the basin



Optional Equipment: **Low Sound Solutions**

Super Low Sound Fan – 9-15 dB(A) Reduction

When you're tasked with achieving the lowest sound levels possible, there's only one choice: the EVAPCO super low sound fan, the quietest, most noise efficient fan in the industry—capable of reducing sound pressure level by 9 to 15 dB(A)! The super low sound fan comes standard with all UT models in the Advanced Technology series. See page 17 for more information. *Note: Not available on 4-foot-wide models.*



Water Silencer – Reduces Water Noise up to 7 dB(A)

Located in the cold water basin, EVAPCO's water silencer reduces the high frequency noise associated with falling water and is capable of lowering overall sound levels 4 to 7 dB(A) when measured at 5 feet from the side or end of the unit. When water is circulated with fans off, the results are even greater: as much as 9 to 12 dB(A) lower at the same measured distance (depending on water loading and louver height). Constructed of lightweight PVC sections, the silencer can be easily removed for access to the basin area. It will have no impact on thermal performance and is CTI certified. *Note: Not available on 4-foot-wide models.*



Offset Sound Attenuation Walls

Add EVAPCO's CTI-certified offset sound attenuation walls to your super low sound fan and water silencer options for the ultimate sound control. Constructed of G-235 galvanized steel and lined inside with acoustical padding, the walls will typically reduce the 50-foot free-field sound level by an additional 3 dB(A). Stainless steel construction also available. Requires external support by others. *Note: Available only in combination with super low sound fan and water silencer.*



See page 21 for more information on EVAPCO's science of low sound.

Optional Equipment: Low Sound Solutions

Low Sound Fan – 4-7 dB(A) Reduction

Ideal for sound-sensitive applications, EVAPCO's low sound fan features a wide chord blade and a unique soft-connect blade-to-hub design that is compatible with variable speed drives. Since the blades are not rigidly connected to the fan hub, no vertical vibration forces are transmitted to the unit structure. This reduces sound pressure levels by 4 to 7 dB(A), depending on specific unit selection and measurement location.

The fan is a high efficiency axial propeller and is CTI certified on Advanced Technology series cooling towers. It has a thermal performance derate of up to 3.5%. Consult your EVAPCO representative for actual thermal performance. *Note: Available on AT and USS models only.*



Additional Height & Operating Weight Additions

	Model No.	Height Addition for Low Sound Fan (in.)	Operating Weight Addition for Low Sound Fan (lbs.)
1-CELL	14-64 to 14-94	0	0
	14-66 to 14-96	0	0
	14-69 to 14-99	0	0
	14-612 to 14-912	0	0
	19-56 to 19-96	4	0
	19-28 to 19-98	4	0
	19-59 to 19-99	4	0
	19-111 to 19-911	4	0
	19-412 to 19-912	4	0
	19-114 to 19-914	4	0
	110-112 to 110-912	0	0
	110-118 to 110-918	0	0
	112-012 to 112-912	0	0
	112-314 to 112-914	0	0
	112-018 to 112-918	7	225
	112-520 to 112-920	7	225
2-CELL	114-0124 to 114-1324	5	450
	114-526 to 114-926	7	450
	26-517 to 26-917	4	0
	28-217 to 28-917	4	0
	29-318 to 29-918	4	0
	29-121 to 29-921	4	0
	29-024 to 29-924	4	0
	29-228 to 29-928	4	0
	210-124 to 210-924	0	0
	210-136 to 210-936	0	0
	212-59 to 212-99	4	0
	212-024 to 212-924	0	0
	212-128 to 212-928	0	0
	212-036 to 212-936	7	450
	212-0140 to 212-1640	7	450
	214-0148 to 214-1248	5	900
	214-552 to 214-952	7	900

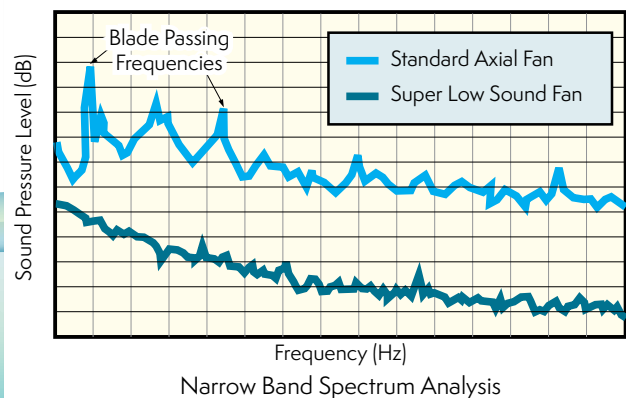
	Model No.	Height Addition for Low Sound Fan (in.)	Operating Weight Addition for Low Sound Fan (lbs.)
2-CELL	215-29 to 215-99	4	0
	217-59 to 217-99	4	0
	217-111 to 217-911	4	0
	217-412 to 217-912	4	0
	217-214 to 217-914	4	0
	220-112 to 220-912	0	0
	220-118 to 220-918	0	0
	224-018 to 224-918	7	450
	224-720 to 224-920	7	450
	228-0124 to 228-1024	5	900
3-CELL	228-526 to 228-926	7	900
	39-336 to 39-936	4	0
	39-242 to 39-942	4	0
	310-136 to 310-936	0	0
	310-154 to 310-954	0	0
	312-036 to 312-936	0	0
	312-042 to 312-942	0	0
	312-054 to 312-954	7	675
	312-260 to 312-960	7	675
	314-0172 to 314-1272	5	1,350
4-CELL	314-578 to 314-978	7	1,350
	342-526 to 342-926	7	1,350
	420-124 to 420-924	0	0
	420-136 to 420-936	0	0
	424-024 to 424-924	0	0
	424-028 to 424-928	0	0
	424-036 to 424-936	7	900
	424-0140 to 424-1640	7	900
	428-0148 to 428-1348	5	1,800
	428-552 to 428-952	7	1,800
	456-526 to 456-926	7	1,800

UT: Ultra-Quiet Cooling Tower

Reduces Noise Pollution by More Than 50%



Note: UT towers are only available in sizes over 4 feet wide. For additional height and operating weight additions, see the dimensional data table for each model, starting on page 23.



The Ultra-Quiet® Cooling Tower delivers all the innovative design and maintenance features of the original Advanced Technology tower, with the added power of the industry's quietest and most efficient fan: the EVAPCO super low sound fan.

Reduced Sound Levels

Made of heavy-duty reinforced polyester, the fan's ultra-wide chord blades have a forward swept design and rounded edges to minimize the sound caused by flow separation and vortex shedding. The end result is a sound pressure level that's 9 to 15 dB(A) lower—more than 50% lower—than standard fans (depending on specific unit selection and measurement location). Best of all, the super low sound fan has zero impact on thermal performance.

Improved Sound Quality

The super low sound fan eliminates audible blade passing frequencies typical of straight-bladed axial type fans. The narrow band spectrum graph below shows how straight-bladed axial fans produce blade-passing frequencies—the same phenomena that produce a helicopter's signature pulsating noise. The blade-passing frequencies are audible spikes in sound pressure levels, but are not apparent in the octave band sound spectrum.

More Options for Even Greater Sound Control

The Ultra-Quiet® cooling tower can be used in combination with EVAPCO's water silencers and offset sound attenuation walls to produce the lowest sound levels commercially available. See page 16 for details.

Consult EVAPCO's evapSelect® selection software for unit sound levels (see page 23). If a detailed analysis or full octave band datasheet is required for your application, please consult your EVAPCO sales representative.

CTI Certified-Standard 201

- Independently certified for guaranteed performance
- No costly field performance tests required



USS: Ultra Stainless Steel

Complete Stainless Steel Construction for Maximum Corrosion Resistance



What do you get when you combine the easy maintenance and superior operation of the Advanced Technology series with the industry's most durable construction? The Ultra Stainless Steel (USS) from EVAPCO—the finest factory assembled cooling tower ever offered. Its all-stainless-steel construction makes it 100% corrosion resistant from top to bottom.

The Industry's Highest Quality Cold Water Basin

Your cold water basin provides the structural support for your cooling tower—and yet it's the area most susceptible to corrosion. That's why the Ultra Stainless Steel tower is the only tower in the industry that comes standard with a type 316 stainless steel cold water basin—the highest quality basin available today. No other cooling tower in the industry offers this level of protection as standard.

Premium Components

Type 316 Stainless Steel

Cold water basin
Vertical support columns
Air inlet louver frames
Plenum

Type 304 Stainless Steel*

Upper casing and structure
Mechanical equipment support
Fan cowl and fan guard

PVC

EVAPAK fill
Water distribution system
Patented air inlet louvers
Patented drift eliminators

**Complete 316 stainless steel construction available for a minimal cost upgrade*



Exclusive 5-Year Complete Product Warranty

- Covers the complete drive system, including the motor, on belt or gear drive units
- Covers the complete cooling tower from the cold water basin to the fan discharge screen
- Standard on all Ultra Stainless Steel models



CTI Certified-Standard 201

- Independently certified for guaranteed performance
- No costly field performance tests required

**Mark owned by the Cooling Technology Institute*

Additional Resources: Understanding & Specifying Sound

Sound

Sound is the alteration in pressure, stress, particle displacement and particle velocity, which is propagated in an elastic material. Audible sound is the sensation produced at the ear by very small pressure fluctuations in the air.

Sound Pressure

Sound pressure is the intensity of sound. Sound pressure (L_p) in decibels is the ratio of measured pressure (P) in the air to a reference sound pressure, $P_0 = 2 \times 10^{-5}$ Pascal based on the following formula:

$$L_p (\text{dB}) = 10 \log_{10} (\Delta P^2 / \Delta P_0^2)$$

Sound pressure level is what is actually being measured when sound data is recorded. Microphones that measure sound are pressure-sensitive devices that are calibrated to convert the sound pressure waves into decibels. Similar to the intensity coming from a light bulb which gets dimmer as one gets further and further away, sound pressure decreases in decibels as your ear gets further from the sound source.

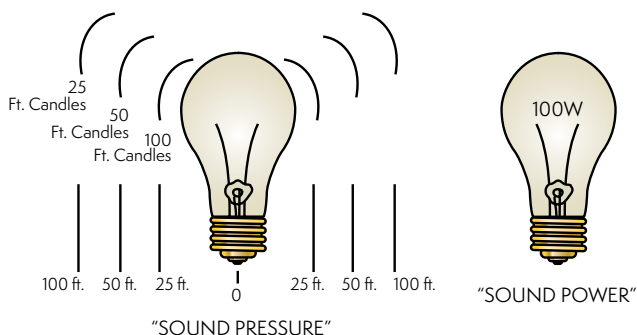
Sound Power

Sound power is the energy of sound. Sound power (L_w) in decibels is the ratio of the calculated sound power, (W) to a reference power, $W_0 = 1$ picowatt, according to the following formula:

$$L_w (\text{dB}) = 10 \log_{10} (W / W_0)$$

Sound power level is not a measured value, but is calculated based on the measured sound pressure.

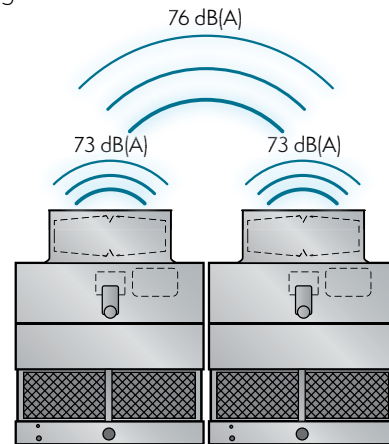
Similar to the wattage of a light bulb that does not change the farther one is away from the light bulb, sound power does not vary with distance.



Adding Multiple Sound Sources

Since the decibel is a logarithmic function, the numbers are not added linearly. Therefore, two 73 dB sound sources added together do not equal 146 dB. The resultant sound would actually be 76 dB. The following table shows how to add decibels from two sound sources.

Difference in dB Level	Add to the higher dB Level
0 to 1	3
2 to 3	2
4 to 8	1
9 or greater	0



Sound Pressure – The A-Weighted Scale

The A-weighted scale, dB(A) is a means to translate what a sound microphone measures to how the human ear perceives the sound. Use the following formula and conversions:

$$f = 8000$$

$$\text{dB(A)} = 10 \log_{10} \sum 10^{((\text{dB} + C_f) / 10)}$$

$$f = 63$$

where: C_f = correction factor per band
dB = measured sound pressure

$$\text{let: } Z_f = (\text{dB} + C_f) / 10$$

Band	Center Frequency (Hz)	Frequency Range (Hz)	Sample (Hz)	C_f (dB)	Z_f
1	63	44-88	68	-26.2	4.18
2	125	89-175	76	-16.1	5.99
3	250	176-350	77	-8.6	6.84
4	500	351-700	73	-3.2	6.98
5	1000	701-1400	70	0	7.00
6	2000	1401-2800	68	+1.2	6.92
7	4000	2801-5600	71	+1.0	7.20
8	8000	5601-11200	73	-1.1	7.19

Example calculation of the dB(A) formula using the sample data.

$$\begin{aligned} \text{dB(A)} &= 10 \log_{10} \sum 10^{Z_1} + 10^{Z_2} + 10^{Z_3} + 10^{Z_4} + 10^{Z_5} + 10^{Z_6} + 10^{Z_7} + 10^{Z_8} \\ &= 10 \log_{10} (67114245.2) = 78.3 \text{ dB(A)} \end{aligned}$$

Specifying Sound

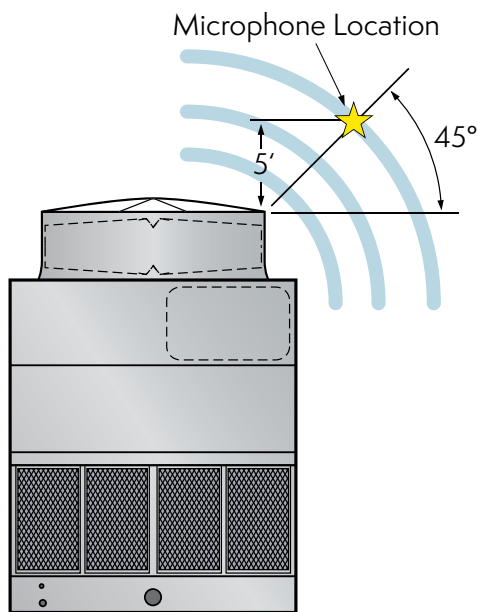
Specify sound pressure in dB(A) measured 5 feet above the fan discharge during full speed operation.

- All manufacturers can meet a performance specification with low sound options
- Fan noise is what matters. 5 feet above the fan is where it matters.

Measurement Location

Per Cooling Technology Institute Standard ATC-128

A sound microphone should be located 5 feet above the cooling tower fan cowl edge at a 45° angle. This position assures accurate sound measurements and eliminates a source of uncertainty by taking the microphone out of the high velocity fan discharge air.

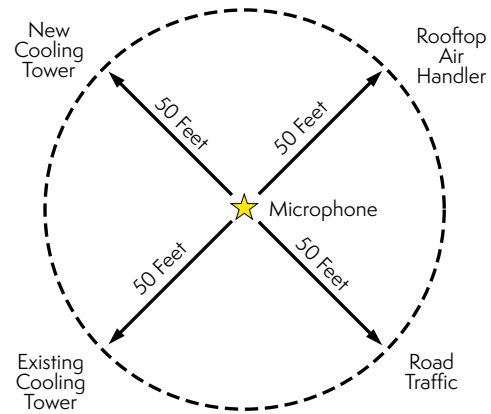


Typical Sound Pressure Levels of Well Known Noises:

Jet Airplane, 150 feet away	140 dB(A)
Circular Saw	110 dB(A)
Nightclub	100 dB(A)
Semi Truck	90 dB(A)
Sidewalk of a Busy Road	80 dB(A)
Household Vacuum, 3 feet away	70 dB(A)
Normal Conversation	60 dB(A)
Quiet Library	40 dB(A)

Notable Facts about Sound:

- +/- 1 dB(A) is inaudible to the human ear
- Decreasing a noise source by 10 dB(A) sounds half as loud to the human ear



Easy Verification

At 5 feet from the cooling tower, a sound meter records only cooling tower noise. You can easily verify the actual noise coming from the cooling tower against the specified sound data with good certainty.

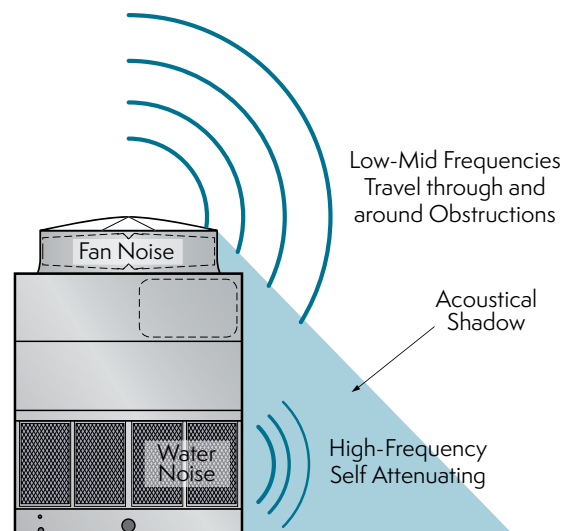
If sound were specified at 50 feet or some greater distance from the sound-sensitive location, there is increased uncertainty in the measured data due to other possible sound sources within the 50 foot radius of the sound microphone.

Sound Quality

Sound coming from the top of the cooling tower is comprised of low- and mid-frequency fan noise. Low- and mid-frequency fan "rumble" is very difficult to attenuate. Fan rumble travels through everything and around everything and is what is audible at any sound-sensitive location.

Sound coming from the sides of the cooling tower is comprised of high-frequency water noise, is much less objectionable than fan noise, and attenuates naturally with distance.

Sound measured at the side of a cooling tower is inside the acoustical shadow of the noise emitted from the top. Outside the acoustical shadow, the low- and mid-frequency fan noise completely masks the high-frequency water noise.



EVAPCO Technical Support Services

EVAPCO Representatives

Your EVAPCO representative is the local expert you can count on to help you with all your commercial HVAC needs—from getting quotes to answering questions to helping you manage your projects and orders. Simply contact him or her whenever you need help; we'll get the job done. To find your local representative, visit evapco.com now.

evapSelect®

evapSelect® is a computer selection program that makes it easy for you to find and optimize the right EVAPCO solutions for every project. Evaluate thermal performance, space, and energy requirements across units; analyze optional equipment features; and generate complete specifications and unit drawings—all within a friendly and familiar Windows format. Contact your EVAPCO representative to access evapSelect® now.

evapco.com

Bookmark evapco.com for the latest and most complete product information. The website contains a multitude of information and resources including:

- Unit certified drawings (.pdf format)
- Steel support drawings (.pdf format)
- Scaled isometric views of towers in CAD (.dwg format)
- 3-D models of towers in Revit (.rfa format)
- Product catalogs
- Rigging instructions
- Operation and maintenance instructions
- Videos
- Logo apparel and merchandise

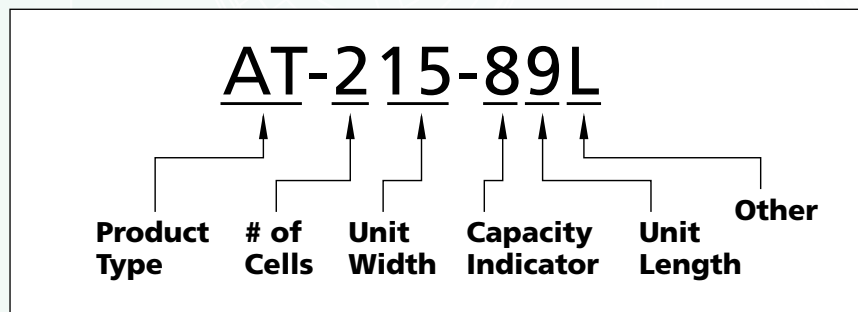


Advanced Technology Series

AT | UT | USS

Engineering Data & Dimensions

Nomenclature



Product Type

AT – Indicates an Advanced Technology (AT) tower

UT – An AT tower with a super low sound fan

USS – An AT tower with stainless steel construction, 304, 316 or a combination. A USS tower may also include a Super Low Sound Fan.

of Cells

Determined by the number of inlet connections, can be 1, 2, 3, or 4

Unit Width

The total width of the unit in feet, all cells included. The value is rounded up to the next whole number.

Capacity Indicator

Relative performance indicator for example, an AT-215-89 has more capacity than an AT-215-49.

Unit Length

The total length of the unit in feet, all cells included. The value is rounded up to the next whole number.

Other

Some, but not all units end with a letter.

S – Indicates a non-cataloged design.

L, U, M or E – Indicates an alternate motor HP.

25' 8-7/8"

1-3/8

123-3/8

26

17-3/8

4

157-1/4

161-1/2

162-1/2

167-1/4

(3) 3 MPT MAKE-UP

(3) 4 MPT OVERFLOW

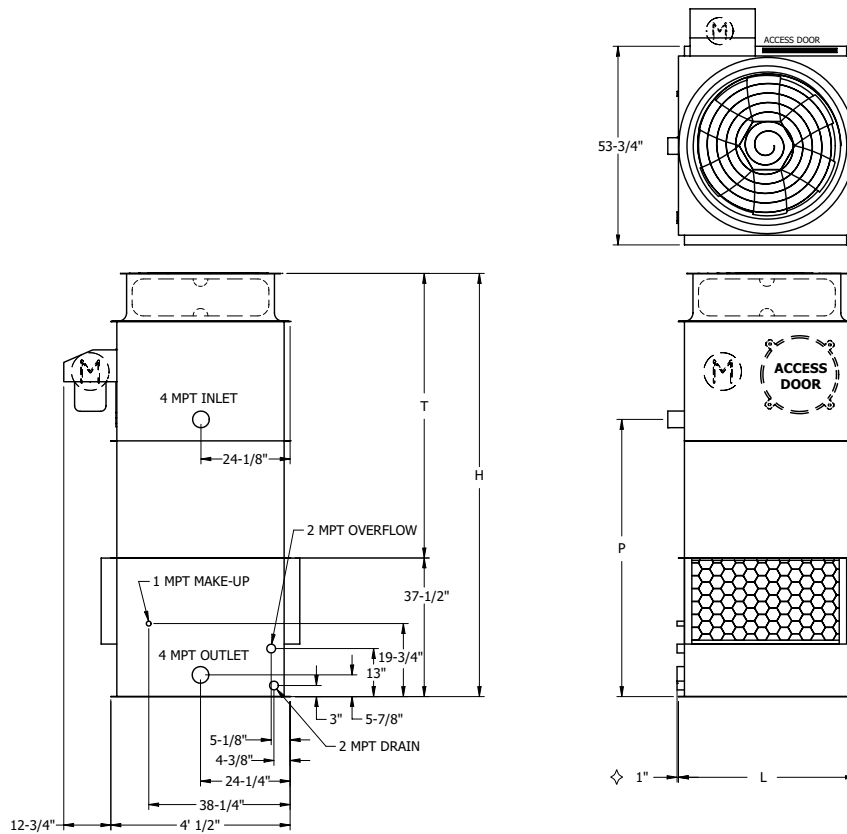
(3) 4 MPT DRAIN

5-1/8

42' 8"

Models: AT/USS 14-64 to 14-96

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS			
		Shipping	Operating	Heaviest Section†			H†	T†	P	L
AT-14-64	33	1,080	1,760	730	2	9,600	9' 6-1/2"	6' 5"	6' 3"	3' 11-7/8"
AT-14-74	37	1,160	1,840	810	2	9,500	10' 6-1/2"	7' 5"	7' 3"	3' 11-7/8"
AT-14-84	39	1,130	1,810	780	3	10,900	9' 6-1/2"	6' 5"	6' 3"	3' 11-7/8"
AT-14-94	43	1,210	1,890	860	3	10,700	10' 6-1/2"	7' 5"	7' 3"	3' 11-7/8"
AT-14-66	57	1,390	2,460	950	3	15,300	9' 6-1/2"	6' 5"	6' 3"	5' 11-7/8"
AT-14-76	64	1,490	2,560	1,050	3	15,100	10' 6-1/2"	7' 5"	7' 3"	5' 11-7/8"
AT-14-86	67	1,410	2,480	970	5	18,000	9' 6-1/2"	6' 5"	6' 3"	5' 11-7/8"
AT-14-96	74	1,510	2,580	1,070	5	17,700	10' 6-1/2"	7' 5"	7' 3"	5' 11-7/8"

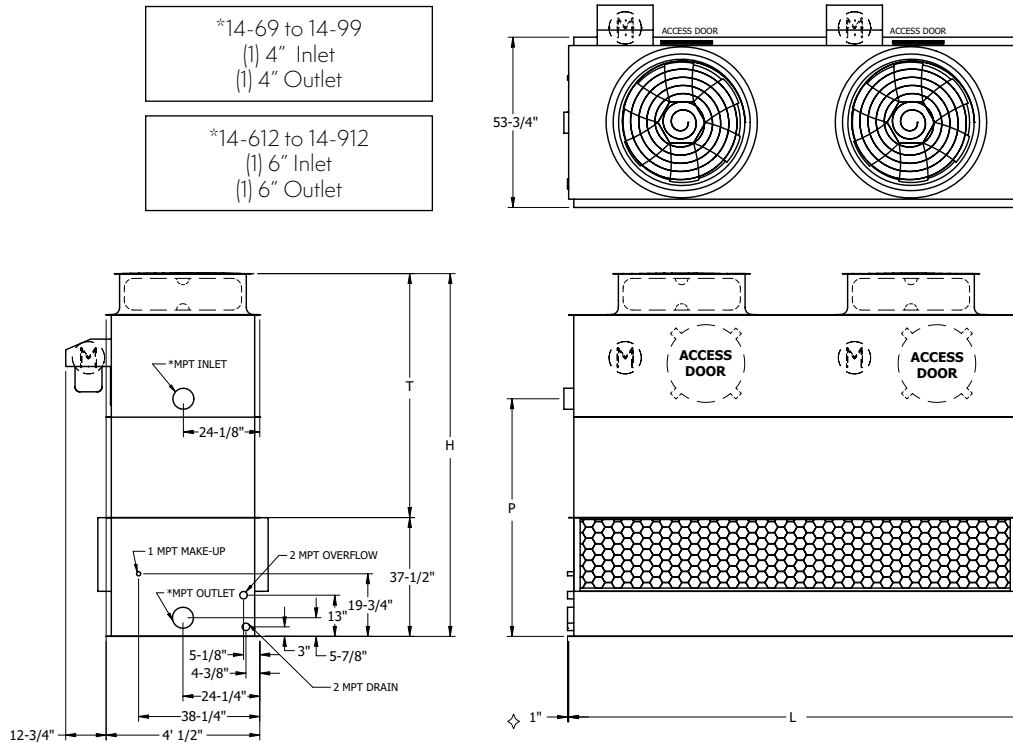
NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/USS 14-69 to 14-912

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	Dimensions			
		Shipping	Operating	Heaviest Section†			H†	T†	P	L
AT-14-69	76	2,000	3,600	1,380	(2)2	21,200	9' 6-1/2"	6' 5"	6' 3"	8' 11-1/2"
AT-14-79	86	2,160	3,760	1,540	(2)2	20,800	10' 6-1/2"	7' 5"	7' 3"	8' 11-1/2"
AT-14-89	90	2,100	3,700	1,480	(2)3	24,100	9' 6-1/2"	6' 5"	6' 3"	8' 11-1/2"
AT-14-99	100	2,260	3,860	1,640	(2)3	23,600	10' 6-1/2"	7' 5"	7' 3"	8' 11-1/2"
AT-14-612	115	2,530	4,700	1,770	(2)3	31,000	9' 6-1/2"	6' 5"	6' 3"	11' 11-3/4"
AT-14-712	129	2,730	4,900	1,970	(2)3	30,400	10' 6-1/2"	7' 5"	7' 3"	11' 11-3/4"
AT-14-812	137	2,570	4,740	1,810	(2)5	36,400	9' 6-1/2"	6' 5"	6' 3"	11' 11-3/4"
AT-14-912	150	2,770	4,940	2,010	(2)5	35,700	10' 6-1/2"	7' 5"	7' 3"	11' 11-3/4"

NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

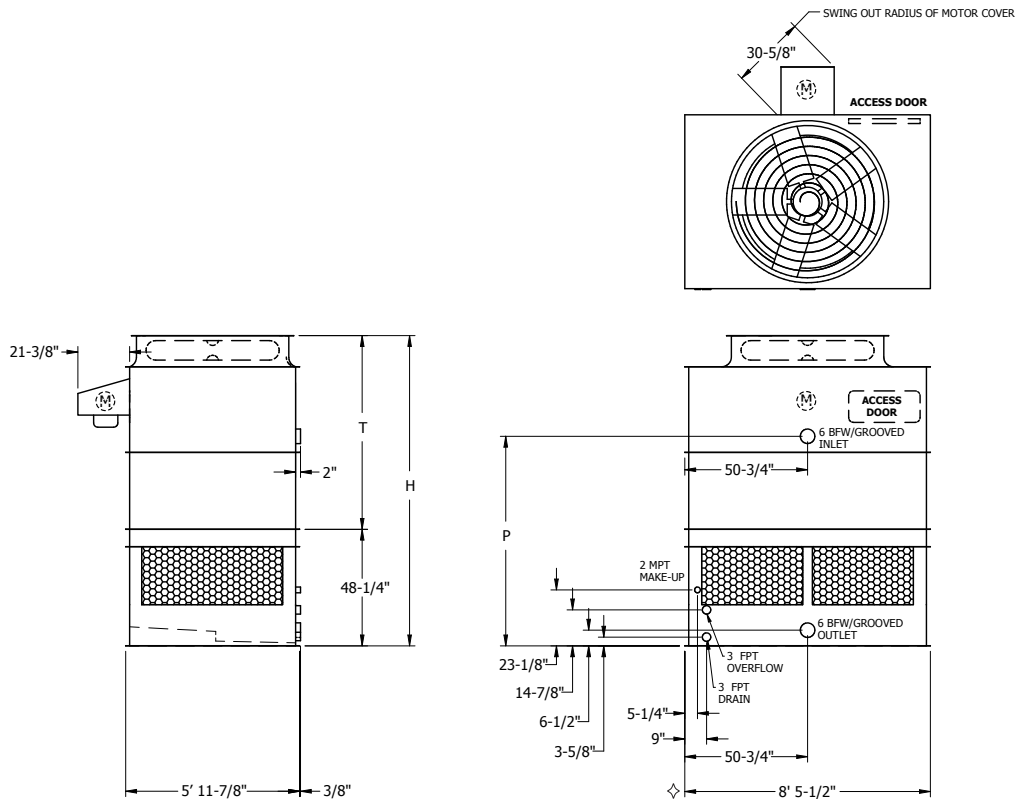
◇ Outlet connection extends beyond bottom flange.

◆ Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.

Models: AT/UT/USS 19-46 to 19-96

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [♦]			H [†]	T [†]	P
AT-19-46	109	3,420	5,460	2,370	3	21,900	12' 8-1/4"	8' 8"	9' 2-1/2"
AT-19-56L	89	3,000	5,040	1,950	3	22,600	10' 8-1/4"	6' 8"	7' 2-1/2"
AT-19-56	112	3,060	5,100	2,010	5	26,500	10' 8-1/4"	6' 8"	7' 2-1/2"
AT-19-66	123	3,100	5,140	2,050	7.5	30,200	10' 8-1/4"	6' 8"	7' 2-1/2"
AT-19-76U	101	3,200	5,240	2,150	3	22,200	11' 8-1/4"	7' 8"	8' 2-1/2"
AT-19-76L	124	3,260	5,300	2,210	5	26,100	11' 8-1/4"	7' 8"	8' 2-1/2"
AT-19-76	138	3,300	5,340	2,250	7.5	29,700	11' 8-1/4"	7' 8"	8' 2-1/2"
AT-19-86	150	3,330	5,370	2,280	10	32,500	11' 8-1/4"	7' 8"	8' 2-1/2"
AT-19-96E	130	3,480	5,520	2,430	5	25,700	12' 8-1/4"	8' 8"	9' 2-1/2"
AT-19-96U	143	3,520	5,560	2,470	7.5	29,200	12' 8-1/4"	8' 8"	9' 2-1/2"
AT-19-96L	157	3,550	5,590	2,500	10	32,000	12' 8-1/4"	8' 8"	9' 2-1/2"
AT-19-96	171	3,620	5,660	2,570	15	36,300	12' 8-1/4"	8' 8"	9' 2-1/2"
UT Addition		150	150	150			1' 1"	1' 1"	

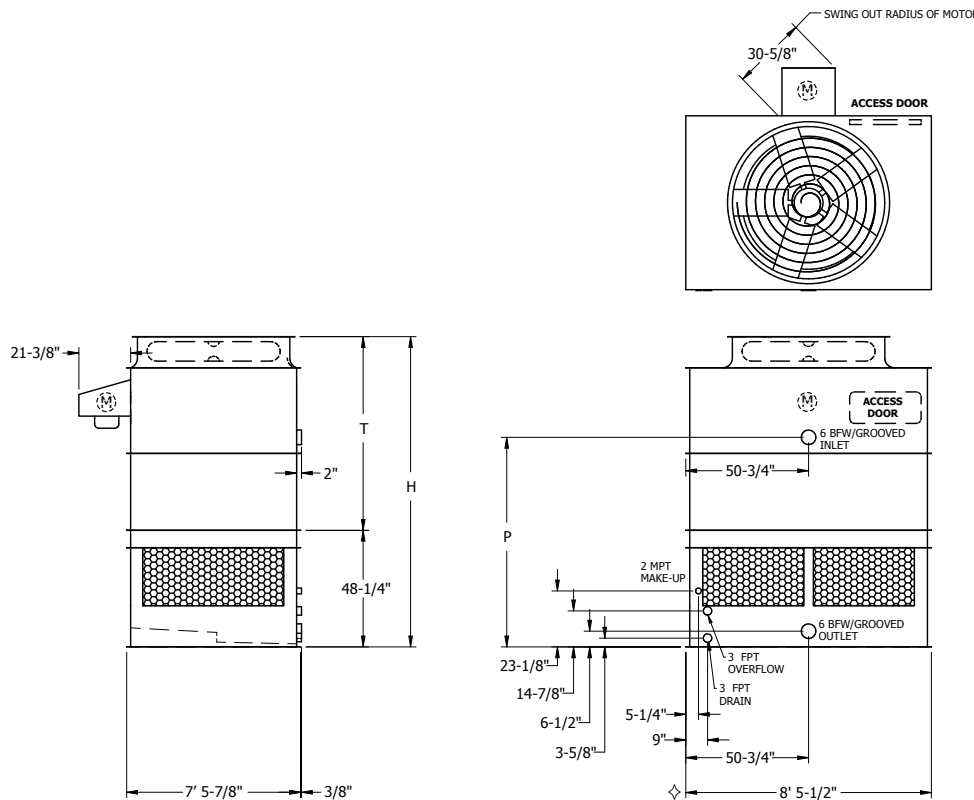
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

♦ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

♦ Heaviest section is upper section.

Models: AT/UT/USS 19-28 to 19-98

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [♦]			H [†]	T [†]	P
AT-19-28L	109	3,390	5,810	2,220	3	26,600	10' 8-1/4"	6' 8"	7' 2-1/2"
AT-19-28	137	3,450	5,870	2,280	5	31,300	10' 8-1/4"	6' 8"	7' 2-1/2"
AT-19-38	148	3,490	5,910	2,320	7.5	35,700	10' 8-1/4"	6' 8"	7' 2-1/2"
AT-19-48	159	3,520	5,940	2,350	10	39,200	10' 8-1/4"	6' 8"	7' 2-1/2"
AT-19-58U	123	3,620	6,040	2,450	3	26,200	11' 8-1/4"	6' 8"	7' 2-1/2"
AT-19-58L	152	3,680	6,100	2,510	5	30,800	11' 8-1/4"	6' 8"	7' 2-1/2"
AT-19-58	165	3,720	6,140	2,550	7.5	35,100	11' 8-1/4"	7' 8"	7' 2-1/2"
AT-19-68	179	3,750	6,170	2,580	10	37,800	11' 8-1/4"	7' 8"	8' 2-1/2"
AT-19-78E	133	3,890	6,310	2,720	3	25,800	12' 8-1/4"	8' 8"	9' 2-1/2"
AT-19-78U	159	3,950	6,370	2,780	5	30,300	12' 8-1/4"	8' 8"	9' 2-1/2"
AT-19-78L	173	3,990	6,410	2,820	7.5	34,500	12' 8-1/4"	8' 8"	9' 2-1/2"
AT-19-78	187	4,020	6,440	2,850	10	37,800	12' 8-1/4"	8' 8"	9' 2-1/2"
AT-19-88	197	3,810	6,230	2,640	15	43,700	11' 8-1/4"	7' 8"	8' 2-1/2"
AT-19-98	207	4,080	6,500	2,910	15	43,000	12' 8-1/4"	8' 8"	9' 2-1/2"
UT Addition		150	150	150			1' 5"	1' 5"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

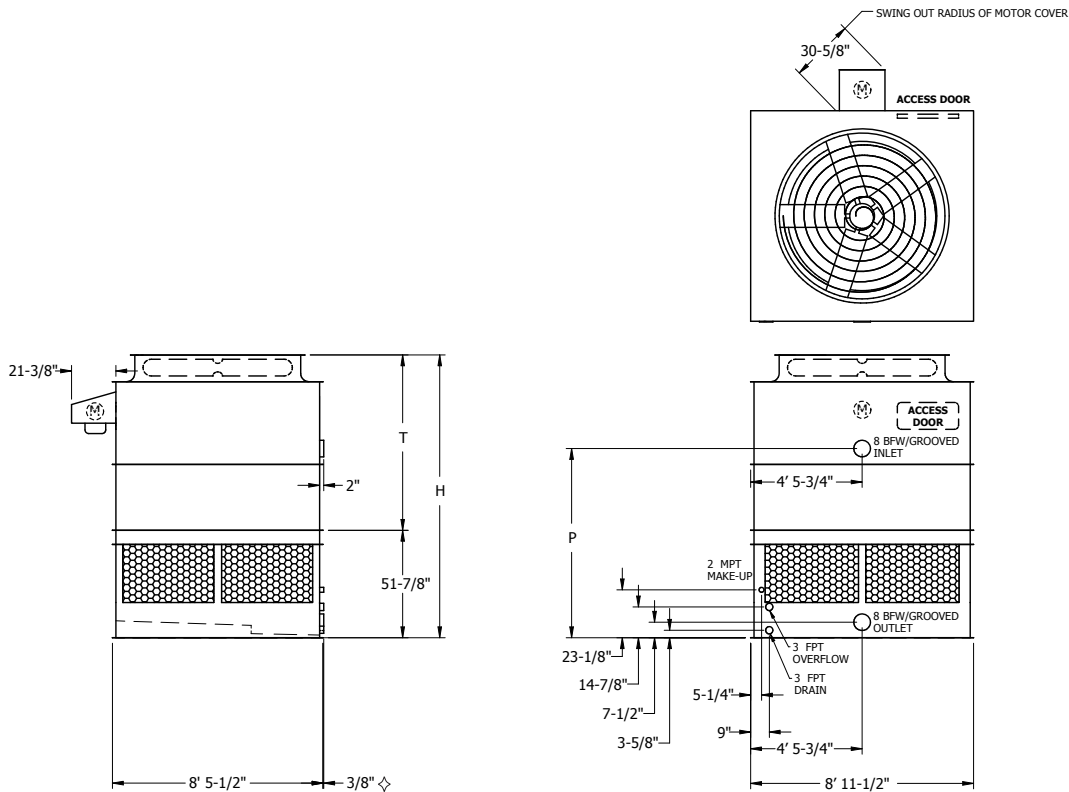
♦ Outlet connection extends beyond bottom flange.

♦ Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.

Models: AT/UT/USS 19-59 to 19-99

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-19-59U	154	4,250	7,090	2,940	5	35,300	12' 4-3/8"	8' 1/2"	8' 7-1/8"
AT-19-59L	181	4,290	7,130	2,980	7.5	40,100	12' 4-3/8"	8' 1/2"	8' 7-1/8"
AT-19-59	199	4,320	7,160	3,010	10	43,900	12' 4-3/8"	8' 1/2"	8' 7-1/8"
AT-19-69E	135	3,980	6,820	2,670	5	35,900	11' 4-3/8"	7' 1/2"	7' 7-1/8"
AT-19-69U	162	4,020	6,860	2,710	7.5	40,800	11' 4-3/8"	7' 1/2"	7' 7-1/8"
AT-19-69L	178	4,050	6,890	2,740	10	44,700	11' 4-3/8"	7' 1/2"	7' 7-1/8"
AT-19-69	208	4,120	6,960	2,810	15	50,800	11' 4-3/8"	7' 1/2"	7' 7-1/8"
AT-19-79	232	4,390	7,230	3,080	15	49,800	12' 4-3/8"	8' 1/2"	8' 7-1/8"
AT-19-89E	165	4,560	7,400	3,250	5	34,700	13' 4-3/8"	9' 1/2"	9' 7-1/8"
AT-19-89U	191	4,600	7,440	3,290	7.5	39,500	13' 4-3/8"	9' 1/2"	9' 7-1/8"
AT-19-89L	209	4,630	7,470	3,320	10	43,200	13' 4-3/8"	9' 1/2"	9' 7-1/8"
AT-19-89	242	4,700	7,540	3,390	15	49,000	13' 4-3/8"	9' 1/2"	9' 7-1/8"
AT-19-99	265	4,750	7,590	3,440	20	53,600	13' 4-3/8"	9' 1/2"	9' 7-1/8"
UT Addition		150	150	150			1' 9"	1' 9"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

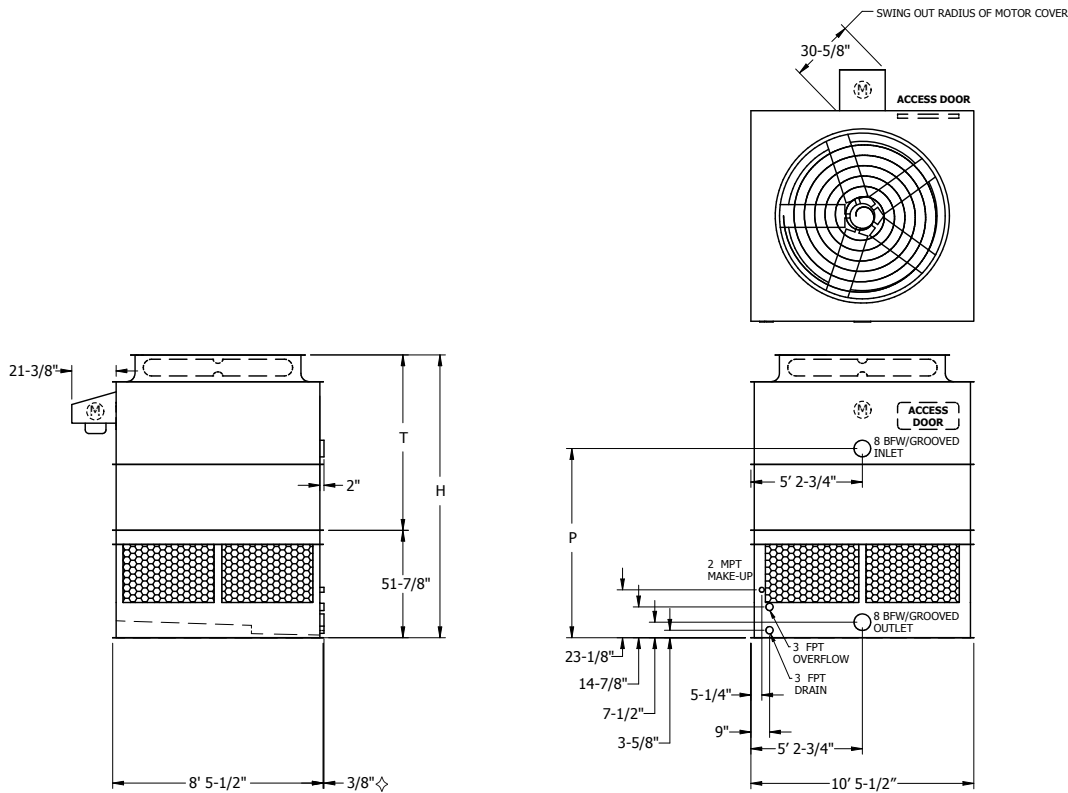
◇ Outlet connection extends beyond bottom flange.

◆ Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.

Models: AT/UT/USS 19-111 to 19-911

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-19-111L	156	4,530	7,830	3,060	5	40,200	11' 4-3/8"	7' 1/2"	7' 7-1/8"
AT-19-111	187	4,570	7,870	3,100	7.5	45,800	11' 4-3/8"	7' 1/2"	7' 7-1/8"
AT-19-211	202	4,600	7,900	3,130	10	50,200	11' 4-3/8"	7' 1/2"	7' 7-1/8"
AT-19-311U	172	4,850	8,150	3,380	5	39,700	12' 4-3/8"	8' 1/2"	8' 7-1/8"
AT-19-311L	202	4,890	8,190	3,420	7.5	45,100	12' 4-3/8"	8' 1/2"	8' 7-1/8"
AT-19-311	221	4,920	8,220	3,450	10	49,400	12' 4-3/8"	8' 1/2"	8' 7-1/8"
AT-19-411	231	4,670	7,970	3,200	15	57,100	11' 4-3/8"	7' 1/2"	7' 7-1/8"
AT-19-511	256	4,990	8,290	3,520	15	56,100	12' 4-3/8"	8' 1/2"	8' 7-1/8"
AT-19-611E	190	5,200	8,500	3,730	5	39,000	13' 4-3/8"	9' 1/2"	9' 7-1/8"
AT-19-611U	220	5,240	8,540	3,770	7.5	44,300	13' 4-3/8"	9' 1/2"	9' 7-1/8"
AT-19-611L	238	5,270	8,570	3,800	10	48,600	13' 4-3/8"	9' 1/2"	9' 7-1/8"
AT-19-611	270	5,340	8,640	3,870	15	55,100	13' 4-3/8"	9' 1/2"	9' 7-1/8"
AT-19-711	285	5,040	8,340	3,570	20	61,300	12' 4-3/8"	8' 1/2"	8' 7-1/8"
AT-19-811	298	5,390	8,690	3,920	20	60,300	13' 4-3/8"	9' 1/2"	9' 7-1/8"
AT-19-911	314	5,420	8,720	3,950	25	64,600	13' 4-3/8"	9' 1/2"	9' 7-1/8"
UT Addition		150	150	150			1' 9"	1' 9"	

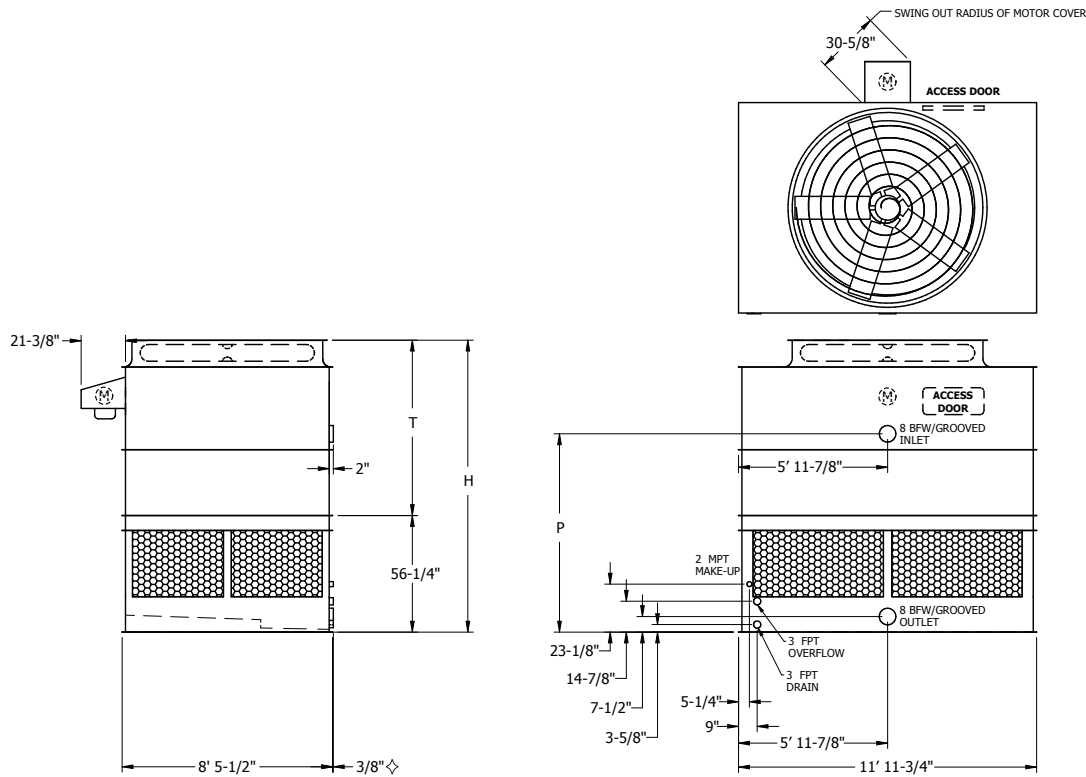
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 19-412 to 19-912

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-19-412E	203	5,080	8,940	3,430	7.5	50,600	11' 8-3/4"	7' 1/2"	7' 11-1/2"
AT-19-412U	230	5,110	8,970	3,460	10	55,400	11' 8-3/4"	7' 1/2"	7' 11-1/2"
AT-19-412L	257	5,190	9,050	3,540	15	63,100	11' 8-3/4"	7' 1/2"	7' 11-1/2"
AT-19-412	283	5,230	9,090	3,580	20	69,100	11' 8-3/4"	7' 1/2"	7' 11-1/2"
AT-19-512U	229	5,440	9,300	3,790	7.5	49,800	12' 8-3/4"	8' 1/2"	8' 11-1/2"
AT-19-512L	256	5,470	9,330	3,820	10	54,500	12' 8-3/4"	8' 1/2"	8' 11-1/2"
AT-19-512	289	5,550	9,410	3,900	15	61,900	12' 8-3/4"	8' 1/2"	8' 11-1/2"
AT-19-612	319	5,590	9,450	3,940	20	67,800	12' 8-3/4"	8' 1/2"	8' 11-1/2"
AT-19-712E	243	5,830	9,690	4,180	7.5	49,000	13' 8-3/4"	9' 1/2"	9' 11-1/2"
AT-19-712U	268	5,860	9,720	4,210	10	53,600	13' 8-3/4"	9' 1/2"	9' 11-1/2"
AT-19-712L	299	5,940	9,800	4,290	15	61,000	13' 8-3/4"	9' 1/2"	9' 11-1/2"
AT-19-712	330	5,980	9,840	4,330	20	66,700	13' 8-3/4"	9' 1/2"	9' 11-1/2"
AT-19-812	340	5,610	9,470	3,960	25	72,800	12' 8-3/4"	8' 1/2"	8' 11-1/2"
AT-19-912L	352	6,000	9,860	4,350	25	71,500	13' 8-3/4"	9' 1/2"	9' 11-1/2"
AT-19-912	363	6,020	9,880	4,370	30	75,800	13' 8-3/4"	9' 1/2"	9' 11-1/2"
UT Addition		150	150	150			1' 9"	1' 9"	

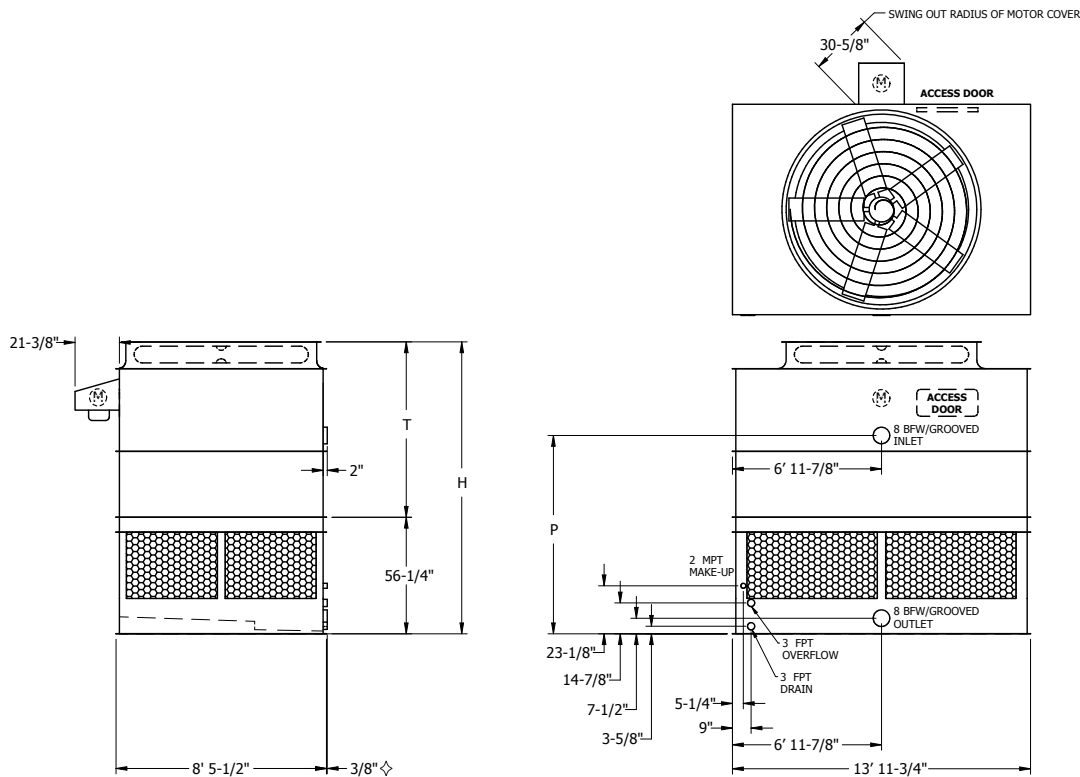
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 19-114 to 19-914

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [♦]			H [†]	T [†]	P
AT-19-114L	221	5,540	10,050	3,680	7.5	55,900	11' 8-3/4"	7' 1/2"	7' 11-1/2"
AT-19-114	251	5,570	10,080	3,710	10	61,300	11' 8-3/4"	7' 1/2"	7' 11-1/2"
AT-19-214L	249	5,950	10,460	4,090	7.5	55,100	12' 8-3/4"	8' 1/2"	8' 11-1/2"
AT-19-214	280	5,980	10,490	4,120	10	60,300	12' 8-3/4"	8' 1/2"	8' 11-1/2"
AT-19-314L	280	5,650	10,160	3,790	15	69,800	11' 8 3/4"	7' 1/2"	7' 11-1/2"
AT-19-314	309	5,690	10,200	3,830	20	76,500	11' 8 3/4"	7' 1/2"	7' 11-1/2"
AT-19-314M	337	5,710	10,220	3,850	25	82,000	11' 8 3/4"	7' 1/2"	7' 11-1/2"
AT-19-414	315	6,060	10,570	4,200	15	68,600	12' 8-3/4"	8' 1/2"	8' 11-1/2"
AT-19-514U	266	6,400	10,910	4,540	7.5	54,200	13' 8-3/4"	9' 1/2"	9' 11-1/2"
AT-19-514L	295	6,430	10,940	4,570	10	59,300	13' 8-3/4"	9' 1/2"	9' 11-1/2"
AT-19-514	329	6,510	11,020	4,650	15	67,500	13' 8-3/4"	9' 1/2"	9' 11-1/2"
AT-19-614	347	6,100	10,610	4,240	20	75,000	12' 8-3/4"	8' 1/2"	8' 11-1/2"
AT-19-714	377	6,120	10,630	4,260	25	80,400	12' 8-3/4"	8' 1/2"	8' 11-1/2"
AT-19-814	399	6,140	10,650	4,280	30	85,200	12' 8-3/4"	8' 1/2"	8' 11-1/2"
AT-19-914U	361	6,550	11,060	4,690	20	73,800	13' 8 3/4"	9' 1/2"	9' 11-1/2"
AT-19-914L	391	6,570	11,080	4,710	25	79,100	13' 8 3/4"	9' 1/2"	9' 11-1/2"
AT-19-914	413	6,590	11,100	4,730	30	83,800	13' 8 3/4"	9' 1/2"	9' 11-1/2"
UT Addition		150	150	150			1' 9"	1' 9"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

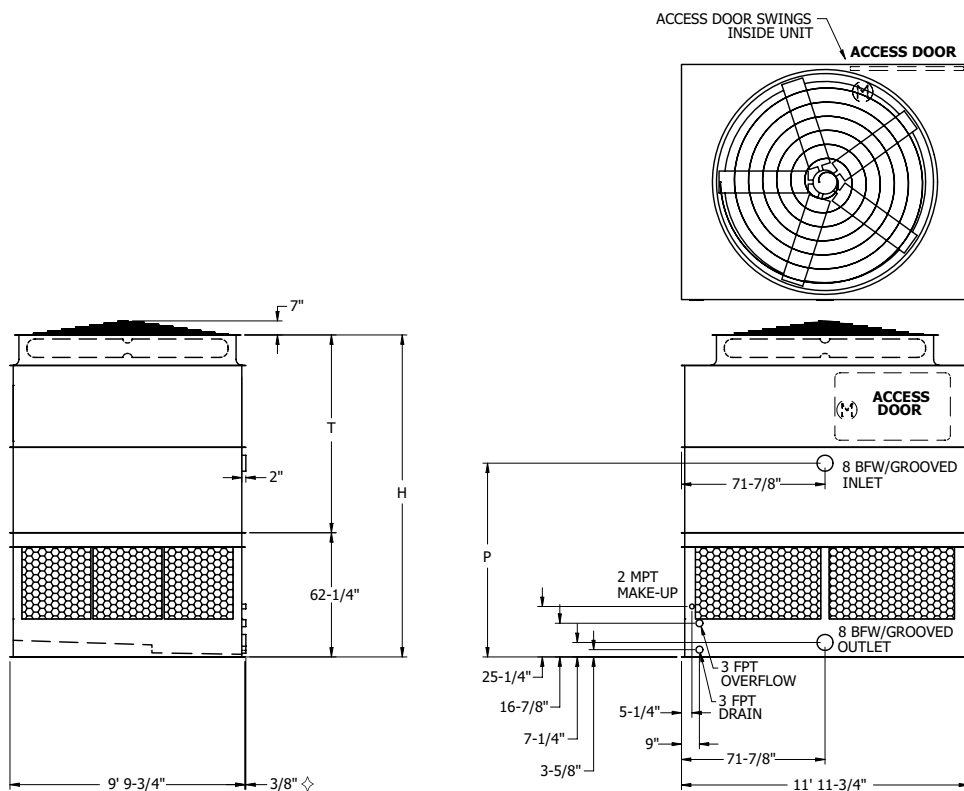
♦ Outlet connection extends beyond bottom flange.

♦ Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.

Models: AT/UT/USS 110-112 to 110-912

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-110-112L	264	6,840	12,380	4,750	10	63,700	14' 5-1/4"	9' 3"	9' 1"
AT-110-112	309	6,840	12,380	4,750	15	72,300	14' 5-1/4"	9' 3"	9' 1"
AT-110-212E	227	6,290	11,830	4,200	10	64,700	13' 5-1/4"	8' 3"	8' 1"
AT-110-212U	276	6,360	11,900	4,270	15	73,500	13' 5-1/4"	8' 3"	8' 1"
AT-110-212L	305	6,410	11,950	4,320	20	80,600	13' 5-1/4"	8' 3"	8' 1"
AT-110-212	326	6,460	12,000	4,370	25	86,500	13' 5-1/4"	8' 3"	8' 1"
AT-110-312	338	6,890	12,430	4,800	20	79,000	14' 5-1/4"	9' 3"	9' 1"
AT-110-412	342	6,560	12,100	4,470	30	91,700	13' 5-1/4"	8' 3"	8' 1"
AT-110-512	361	6,940	12,480	4,850	25	85,000	14' 5-1/4"	9' 3"	9' 1"
AT-110-612E	277	7,190	12,730	5,100	10	62,700	15' 5-1/4"	10' 3"	10' 1"
AT-110-612U	322	7,260	12,800	5,170	15	71,200	15' 5-1/4"	10' 3"	10' 1"
AT-110-612L	350	7,310	12,850	5,220	20	77,900	15' 5-1/4"	10' 3"	10' 1"
AT-110-612	373	7,360	12,900	5,270	25	83,700	15' 5-1/4"	10' 3"	10' 1"
AT-110-712	380	7,040	12,580	4,950	30	89,800	14' 5-1/4"	9' 3"	9' 1"
AT-110-812	393	7,460	13,000	5,370	30	88,600	15' 5-1/4"	10' 3"	10' 1"
AT-110-912	410	7,710	13,250	5,620	35	92,800	15' 5-1/4"	10' 3"	10' 1"
UT Addition		700	700	700			1' 9-1/2"	1' 9-1/2"	

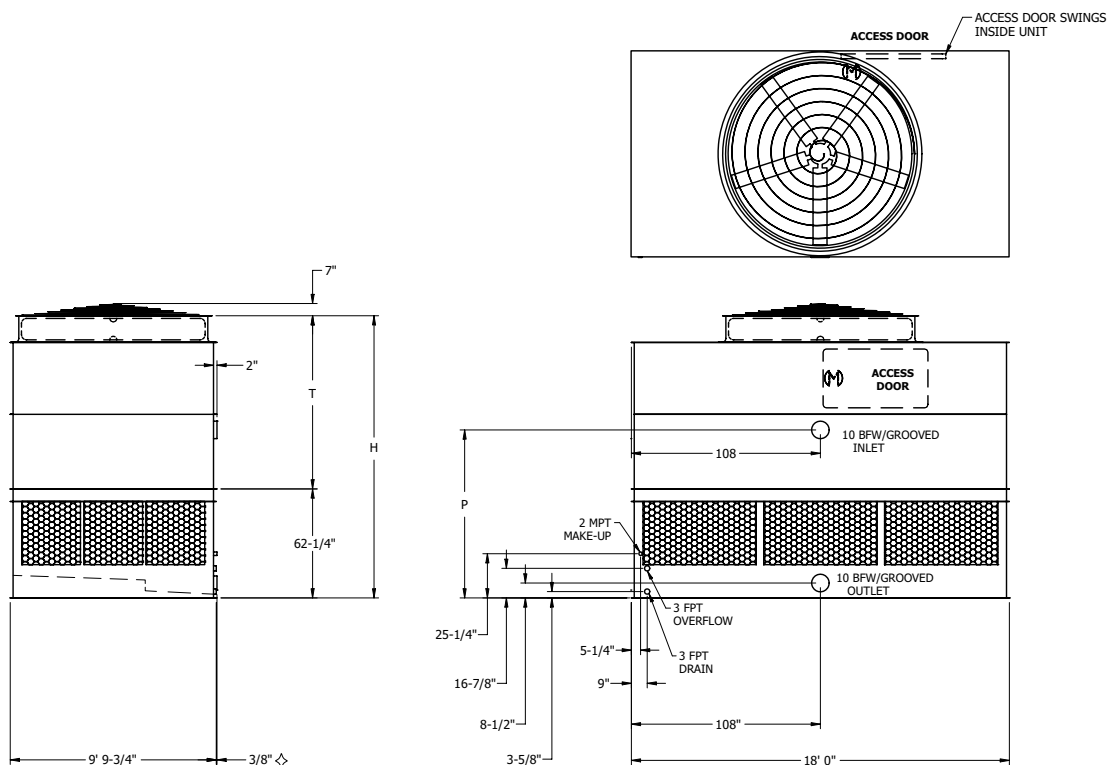
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 110-118 to 110-918

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-110-118U	290	8,790	17,200	5,640	10	86,000	13' 5-1/4"	8' 3"	8' 0"
AT-110-118L	351	8,860	17,320	5,710	15	97,800	13' 5-1/4"	8' 3"	8' 0"
AT-110-118	389	8,910	17,320	5,760	20	107,200	13' 5-1/4"	8' 3"	8' 0"
AT-110-218L	364	10,180	18,590	7,030	10	83,300	15' 5-1/4"	10' 3"	10' 0"
AT-110-218	420	10,180	18,590	7,030	15	94,700	15' 5-1/4"	10' 3"	10' 0"
AT-110-318U	333	9,480	17,890	6,330	10	84,700	14' 5-1/4"	9' 3"	9' 0"
AT-110-318L	395	9,550	17,960	6,400	15	96,300	14' 5-1/4"	9' 3"	9' 0"
AT-110-318	437	9,600	18,010	6,450	20	105,500	14' 5-1/4"	9' 3"	9' 0"
AT-110-418L	420	8,960	17,370	5,710	25	115,100	13' 5-1/4"	8' 3"	8' 0"
AT-110-418	445	9,060	17,470	5,810	30	122,000	13' 5-1/4"	8' 3"	9' 0"
AT-110-518	471	9,650	18,060	6,500	25	113,100	14' 5-1/4"	9' 3"	9' 0"
AT-110-618	499	9,750	18,160	6,600	30	119,700	14' 5-1/4"	9' 3"	9' 0"
AT-110-718U	460	10,230	18,640	7,080	20	103,800	15' 5-1/4"	10' 3"	10' 0"
AT-110-718L	493	10,280	18,690	7,130	25	111,300	15' 5-1/4"	10' 3"	10' 0"
AT-110-718	522	10,380	18,790	7,230	30	117,800	15' 5-1/4"	10' 3"	10' 0"
AT-110-818	547	10,000	18,410	6,850	40	131,200	14' 5-1/4"	9' 3"	9' 0"
AT-110-918	570	10,630	19,040	7,480	40	129,000	15' 5-1/4"	10' 3"	10' 0"
UT Addition		700	700	700			1' 9-1/2"	1' 9-1/2"	

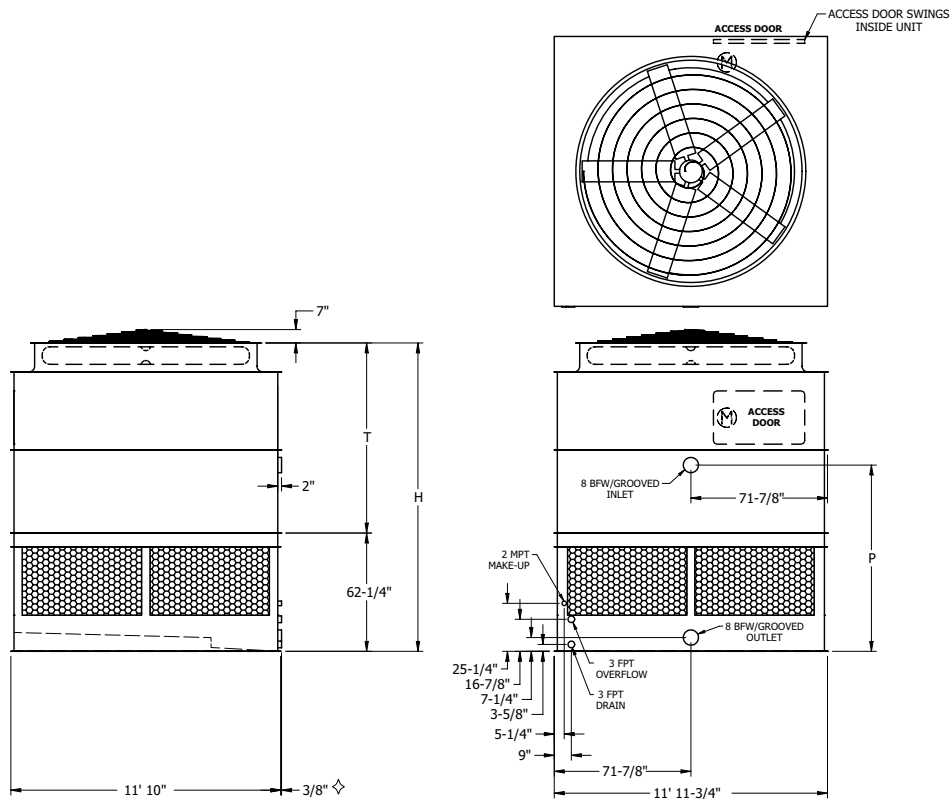
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 112-012 to 112-912

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-112-012L	280	7,370	13,580	4,930	10	71,600	13' 6-1/4"	8' 4"	8' 2"
AT-112-012	334	7,440	13,650	5,000	15	81,400	13' 6-1/4"	8' 4"	8' 2"
AT-112-112	364	7,490	13,700	5,050	20	89,300	13' 6-1/4"	8' 4"	8' 2"
AT-112-212	391	7,540	13,750	5,100	25	95,800	13' 6-1/4"	8' 4"	8' 2"
AT-112-312U	316	7,910	14,120	5,470	10	70,500	14' 6-1/4"	9' 4"	9' 2"
AT-112-312L	370	7,980	14,190	5,540	15	80,000	14' 6-1/4"	9' 4"	9' 2"
AT-112-312	404	8,030	14,240	5,590	20	87,700	14' 6-1/4"	9' 4"	9' 2"
AT-112-412	414	7,640	13,850	5,200	30	101,500	13' 6-1/4"	8' 4"	8' 2"
AT-112-512U	337	8,400	14,610	5,960	10	69,300	15' 6-1/4"	10' 4"	10' 2"
AT-112-512L	387	8,470	14,680	6,030	15	78,700	15' 6-1/4"	10' 4"	10' 2"
AT-112-512	422	8,520	14,730	6,080	20	86,300	15' 6-1/4"	10' 4"	10' 2"
AT-112-612	434	8,080	14,290	5,640	25	94,000	14' 6-1/4"	9' 4"	9' 2"
AT-112-712	461	8,180	14,390	5,740	30	99,500	14' 6-1/4"	9' 4"	9' 2"
AT-112-812L	454	8,570	14,780	6,130	25	92,400	15' 6-1/4"	10' 4"	10' 2"
AT-112-812	481	8,670	14,880	6,230	30	97,900	15' 6-1/4"	10' 4"	10' 2"
AT-112-912	515	8,920	15,130	6,480	40	107,100	15' 6-1/4"	10' 4"	10' 2"
UT Addition		700	700	700			1' 9-1/2"	1' 9-1/2"	

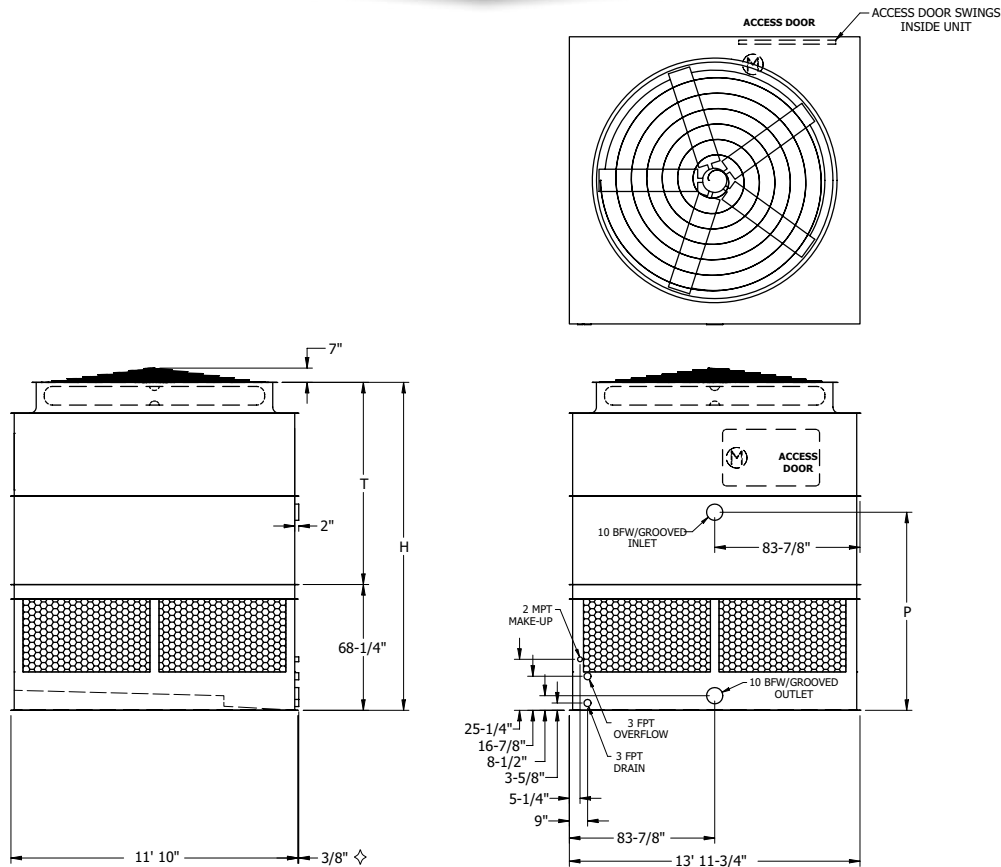
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 112-314 to 112-914

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-112-214	299	8,010	15,340	5,360	10	77,800	14' 1/4"	8' 4"	8' 7"
AT-112-314L	425	8,200	15,530	5,550	25	104,100	14' 1/4"	8' 4"	8' 7"
AT-112-314E	359	8,080	15,410	5,430	15	88,500	14' 1/4"	8' 4"	8' 7"
AT-112-314U	394	8,140	15,470	5,490	20	97,000	14' 1/4"	8' 4"	8' 7"
AT-112-314	450	8,270	15,600	5,620	30	110,400	14' 1/4"	8' 4"	8' 7"
AT-112-414E	344	8,670	16,000	6,020	10	76,600	15' 1/4"	9' 4"	9' 7"
AT-112-414U	405	8,740	16,070	6,090	15	87,000	15' 1/4"	9' 4"	9' 7"
AT-112-414L	439	8,800	16,130	6,150	20	95,400	15' 1/4"	9' 4"	9' 7"
AT-112-414	471	8,860	16,190	6,210	25	102,300	15' 1/4"	9' 4"	9' 7"
AT-112-514E	370	9,190	16,520	6,540	10	75,300	16' 1/4"	10' 4"	10' 7"
AT-112-514U	427	9,260	16,590	6,610	15	85,600	16' 1/4"	10' 4"	10' 7"
AT-112-514L	460	9,320	16,650	6,670	20	93,800	16' 1/4"	10' 4"	10' 7"
AT-112-514	494	9,380	16,710	6,730	25	100,600	16' 1/4"	10' 4"	10' 7"
AT-112-614	501	8,930	16,260	6,280	30	108,300	15' 1/4"	9' 4"	9' 7"
AT-112-714	524	9,450	16,780	6,800	30	106,600	16' 1/4"	10' 4"	10' 7"
AT-112-814	548	9,190	16,520	6,540	40	118,600	15' 1/4"	9' 4"	9' 7"
AT-112-914	574	9,710	17,040	7,060	40	116,600	16' 1/4"	10' 4"	10' 7"
UT Addition		700	700	700			1' 9-1/2"	1' 9-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

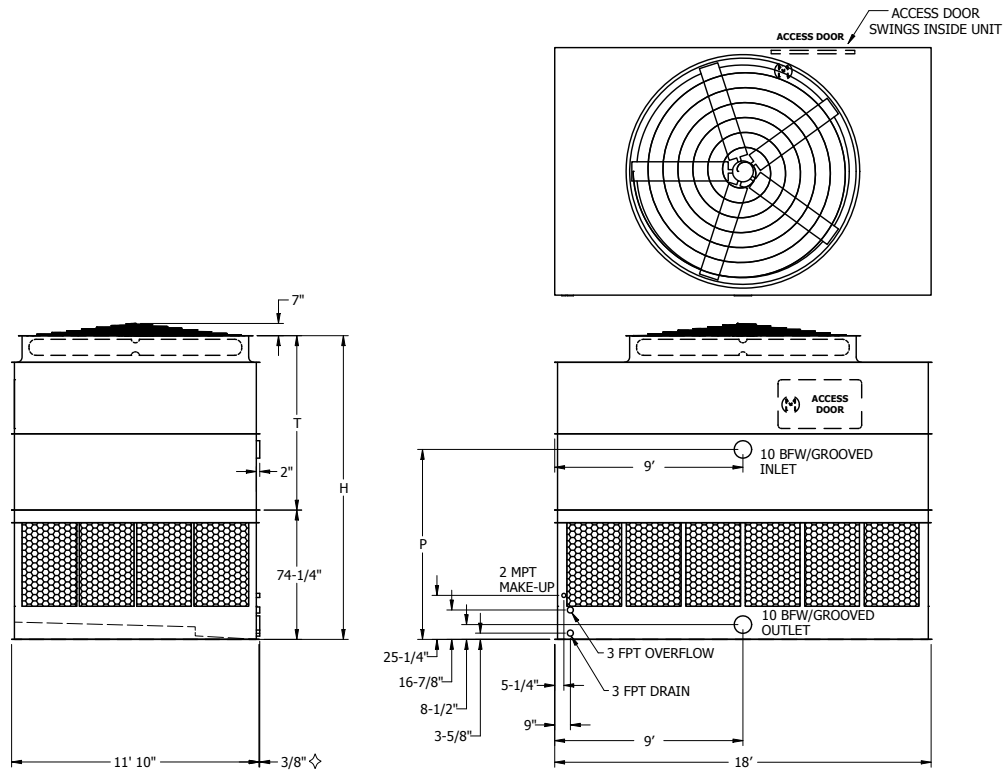
◇ Outlet connection extends beyond bottom flange.

◆ Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.

Models: AT/UT/USS 112-018 to 112-918

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-112-018U	439	10,260	19,530	6,700	15	110,100	14' 6 1/4"	8' 4"	9' 1"
AT-112-018L	497	10,320	19,590	6,760	20	120,600	14' 6 1/4"	8' 4"	9' 1"
AT-112-018	525	10,370	19,640	6,810	25	129,600	14' 6 1/4"	8' 4"	9' 1"
AT-112-118	554	10,480	19,750	6,920	30	137,400	14' 6 1/4"	8' 4"	9' 1"
AT-112-118M	610	10,740	20,010	7,180	40	150,500	14' 6 1/4"	8' 4"	9' 1"
AT-112-218U	488	11,040	20,310	7,480	15	108,500	15' 6 1/4"	9' 4"	10' 1"
AT-112-218L	546	11,100	20,370	7,540	20	118,700	15' 6 1/4"	9' 4"	10' 1"
AT-112-218	581	11,150	20,420	7,590	25	127,400	15' 6 1/4"	9' 4"	10' 1"
AT-112-318	614	11,260	20,530	7,700	30	135,000	15' 6 1/4"	9' 4"	10' 1"
AT-112-418E	518	11,780	21,050	8,220	15	106,700	16' 6 1/4"	10' 4"	11' 1"
AT-112-418U	572	11,840	21,110	8,280	20	116,800	16' 6 1/4"	10' 4"	11' 1"
AT-112-418L	606	11,890	21,160	8,330	25	125,400	16' 6 1/4"	10' 4"	11' 1"
AT-112-418	642	12,000	21,270	8,440	30	132,900	16' 6 1/4"	10' 4"	11' 1"
AT-112-518	675	11,520	20,790	7,960	40	147,700	15' 6 1/4"	9' 4"	10' 1"
AT-112-618	705	12,260	21,530	8,700	40	145,300	16' 6 1/4"	10' 4"	11' 1"
AT-112-718	724	11,580	20,850	8,020	50	158,500	15' 6 1/4"	9' 4"	10' 1"
AT-112-818	757	12,320	21,590	8,760	50	155,600	16' 6 1/4"	10' 4"	11' 1"
AT-112-918	785	12,430	21,700	8,870	60	165,000	16' 6 1/4"	10' 4"	11' 1"
UT Addition		1,200	1,200	1,200			1' 3-1/2"	1' 3-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

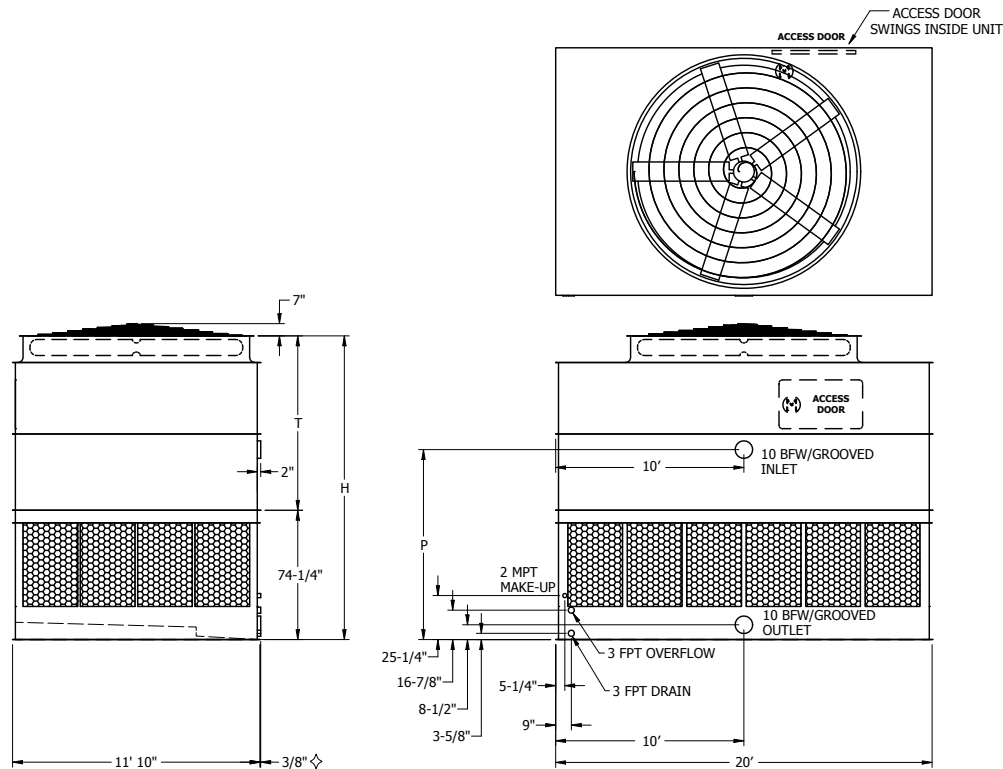
◇ Outlet connection extends beyond bottom flange.

◆ Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.

Models: AT/UT/USS 112-320 to 112-920

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [†]			H [†]	T [†]	P
AT-112-320	459	11,020	21,420	7,210	20	123,900	14' 6 1/4"	8' 4"	9' 1"
AT-112-420	536	11,750	22,150	7,940	20	121,800	15' 6 1/4"	9' 4"	10' 1"
AT-112-520E	506	11,070	21,470	7,260	25	133,000	14' 6 1/4"	8' 4"	9' 1"
AT-112-520U	544	11,180	21,580	7,370	30	140,900	14' 6 1/4"	8' 4"	9' 1"
AT-112-520L	625	11,440	21,840	7,630	40	154,100	14' 6 1/4"	8' 4"	9' 1"
AT-112-520	679	11,500	21,900	7,690	50	165,300	14' 6 1/4"	8' 4"	9' 1"
AT-112-620E	572	12,650	23,050	8,840	20	119,800	16' 6 1/4"	10' 4"	11' 1"
AT-112-620U	618	12,700	23,100	8,890	25	128,500	16' 6 1/4"	10' 4"	11' 1"
AT-112-620L	655	12,810	23,210	9,000	30	136,100	16' 6 1/4"	10' 4"	11' 1"
AT-112-620	728	13,070	23,470	9,260	40	148,800	16' 6 1/4"	10' 4"	11' 1"
AT-112-720E	585	11,800	22,200	7,990	25	130,700	15' 6 1/4"	9' 4"	10' 1"
AT-112-720U	623	11,910	22,310	8,100	30	138,300	15' 6 1/4"	9' 4"	10' 1"
AT-112-720L	698	12,170	22,570	8,360	40	151,200	15' 6 1/4"	9' 4"	10' 1"
AT-112-720	757	12,230	22,630	8,420	50	162,200	15' 6 1/4"	9' 4"	10' 1"
AT-112-820	788	13,130	23,530	9,320	50	159,500	16' 6 1/4"	10' 4"	11' 1"
AT-112-920	817	13,240	23,640	9,430	60	169,100	16' 6 1/4"	10' 4"	11' 1"
UT Addition		1,200	1,200	1,200			1' 3-1/2"	1' 3-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

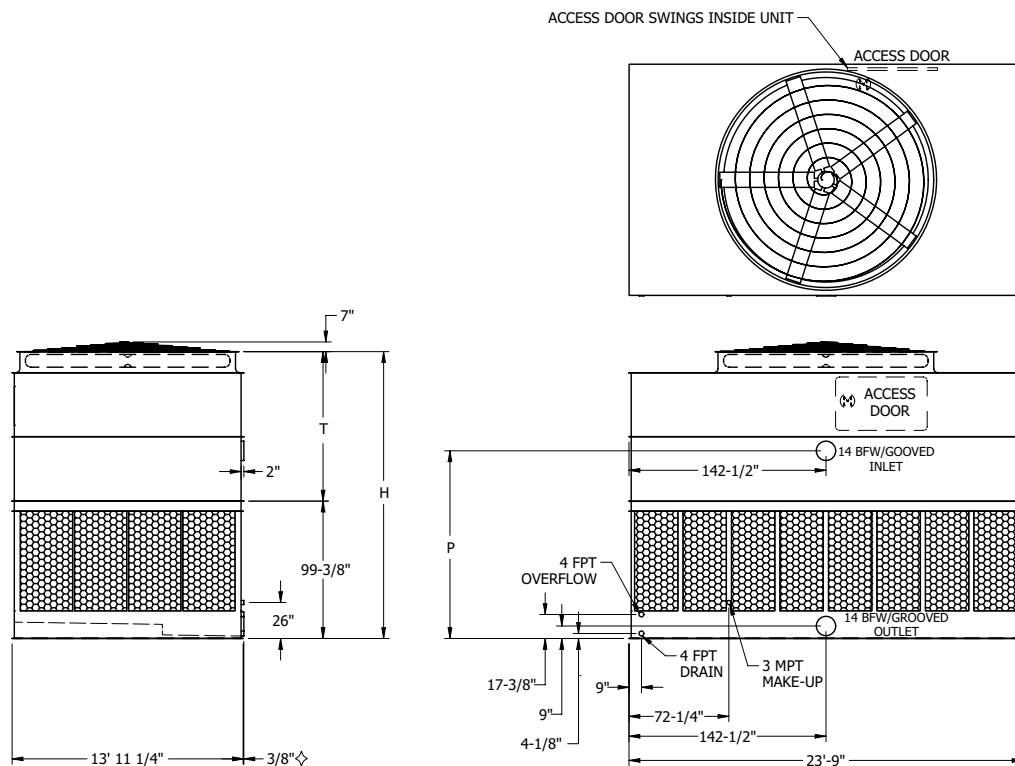
◇ Outlet connection extends beyond bottom flange.

† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 114-0124 to 114-1324

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-114-0124U	619	16,440	32,290	10,600	20	159,500	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-114-0124L	684	16,490	32,340	10,650	25	170,100	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-114-0124	722	16,510	32,360	10,670	30	180,300	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-114-0224	781	16,660	32,510	10,820	40	197,600	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-114-0324L	772	18,520	34,370	12,680	20	152,100	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-114-0324	834	18,570	34,420	12,730	25	163,200	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-114-0424	839	17,010	32,860	11,170	50	212,300	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-114-0524	872	18,590	34,440	12,750	30	173,400	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-114-0624E	708	17,480	33,330	11,640	20	157,100	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-114-0624U	775	17,530	33,380	11,690	25	168,500	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-114-0624L	812	17,550	33,400	11,710	30	177,400	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-114-0624	892	17,700	33,550	11,860	40	194,100	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-114-0724	947	18,740	34,590	12,900	40	190,900	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-114-0824	951	18,050	33,900	12,210	50	208,500	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-114-0924	998	19,090	34,940	13,250	50	205,000	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-114-1024	1,008	18,220	34,070	12,380	60	220,600	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-114-1124	1,056	19,260	35,110	13,420	60	217,100	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-114-1224	1,135	19,500	35,350	13,660	75	238,000	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-114-1324*	1,201	19,940	35,790	14,100	100	255,100	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
UT Addition		1,250	1,250	1,250			1' 1-1/2"	1' 1-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

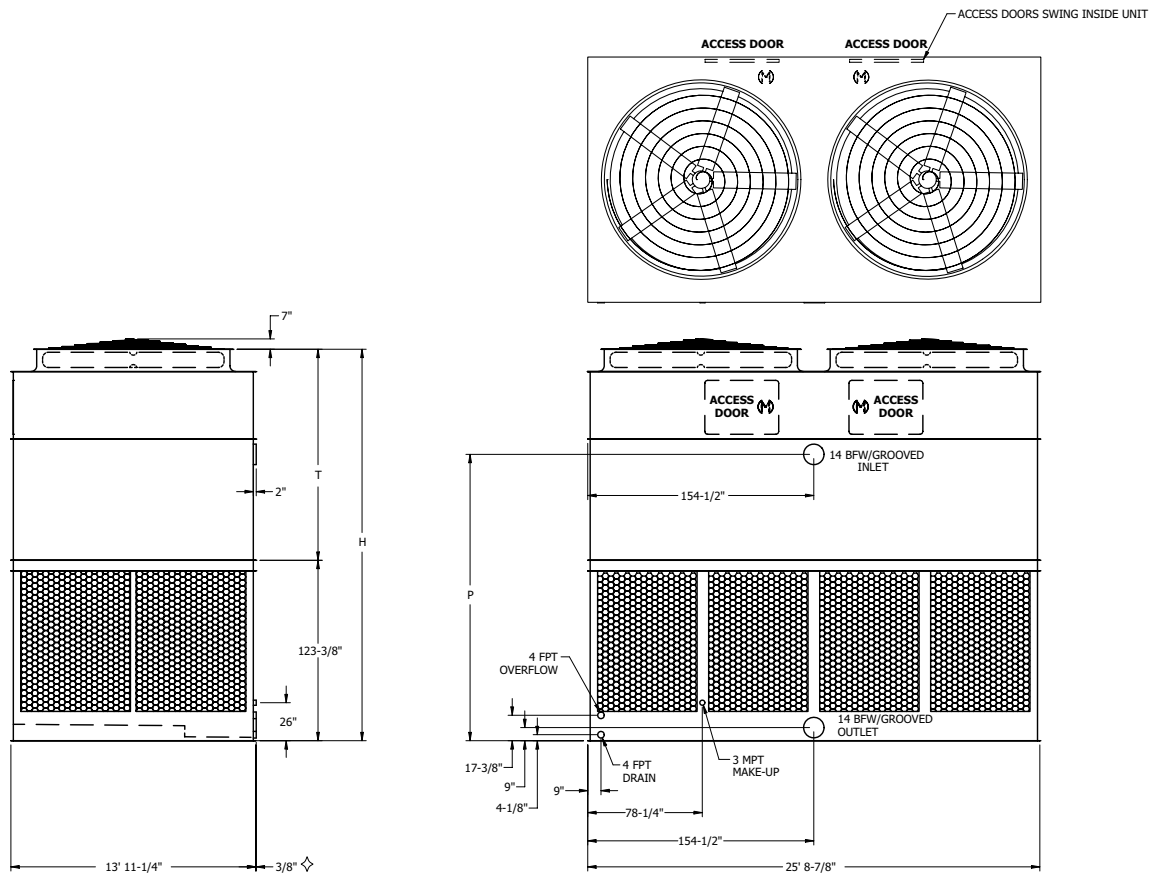
◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

* Model available with gear drive only. Motor and access door located on 13' 11-1/4" unit end. Super Low Sound Fan is not available on this unit.

Models: AT/UT/USS 114-526 to 114-926

One-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-114-526	1,003	24,800	41,630	17,660	(2)20	200,200	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-114-626	1,078	24,860	41,690	17,720	(2)25	214,700	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-114-726	1,142	24,960	41,790	17,820	(2)30	227,300	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-114-826	1,247	25,280	42,110	18,140	(2)40	248,500	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-114-926	1,332	25,300	42,130	18,160	(2)50	266,300	22' 3-1/2"	12' 1/8"	16' 3-3/4"
UT Addition		✱	2,400	✱			1' 3-1/2"	1' 3-1/2"	

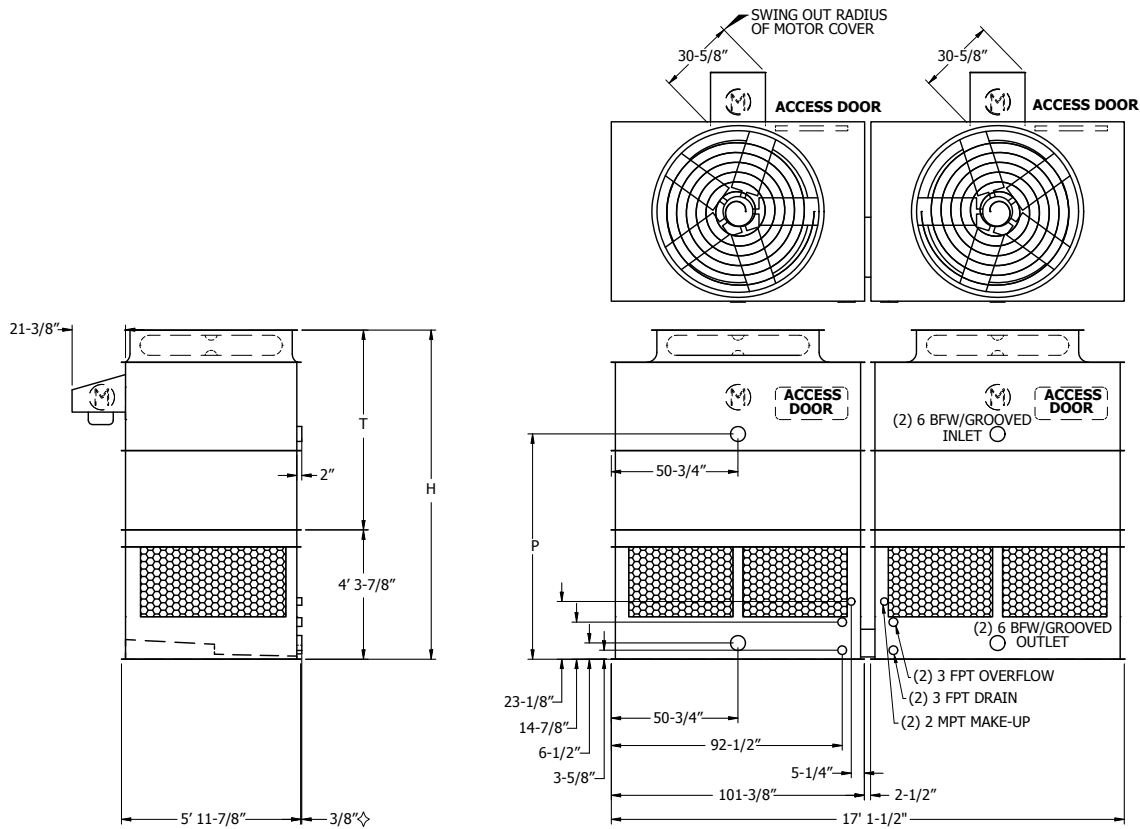
NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

✦ Heaviest section is upper section.
 ✱ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 26-417 to 26-917

Two-Cell Cooling Towers



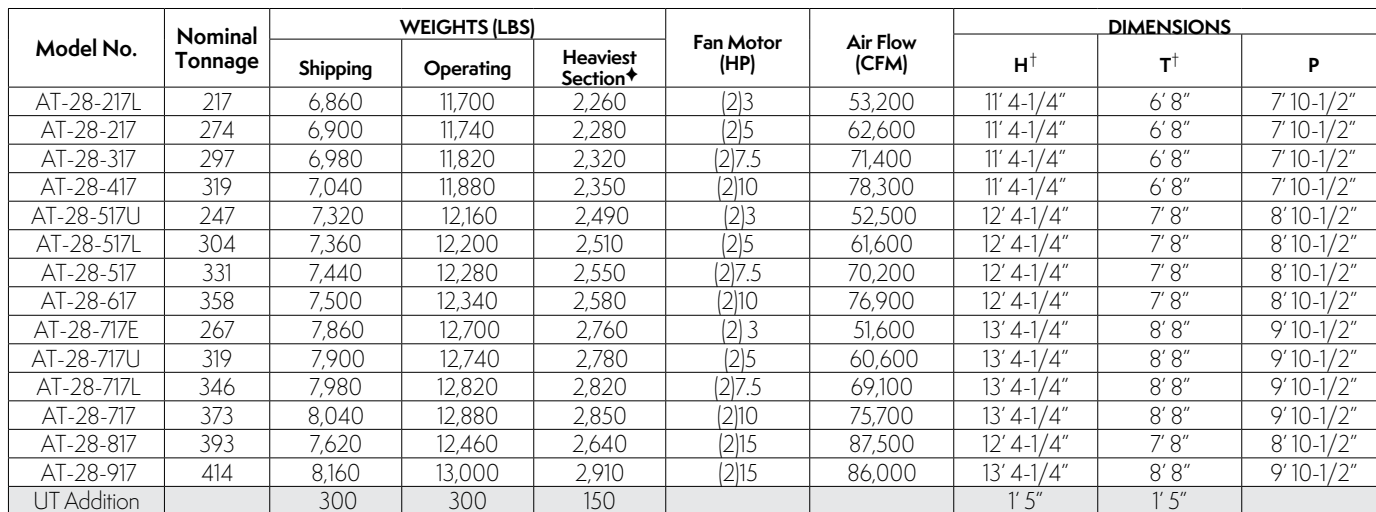
Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-26-417	219	6,920	11,000	2,410	(2)3	43,800	12' 11-7/8"	8' 8"	9' 6"
AT-26-517L	179	6,080	10,160	1,990	(2)3	45,200	10' 11-7/8"	6' 8"	7' 6"
AT-26-517	225	6,120	10,200	2,010	(2)5	53,100	10' 11-7/8"	6' 8"	7' 6"
AT-26-617	247	6,200	10,280	2,050	(2)7.5	60,500	10' 11-7/8"	6' 8"	7' 6"
AT-26-717U	203	6,480	10,560	2,190	(2)3	44,500	11' 11-7/8"	7' 8"	8' 6"
AT-26-717L	250	6,520	10,600	2,210	(2)5	52,300	11' 11-7/8"	7' 8"	8' 6"
AT-26-717	277	6,600	10,680	2,250	(2)7.5	59,400	11' 11-7/8"	7' 8"	8' 6"
AT-26-817	302	6,660	10,740	2,280	(2)10	65,100	11' 11-7/8"	7' 8"	8' 6"
AT-26-917E	262	6,960	11,040	2,430	(2)5	51,400	12' 11-7/8"	8' 8"	9' 6"
AT-26-917U	287	7,040	11,120	2,470	(2)7.5	58,500	12' 11-7/8"	8' 8"	9' 6"
AT-26-917L	315	7,100	11,180	2,500	(2)10	64,000	12' 11-7/8"	8' 8"	9' 6"
AT-26-917	344	7,240	11,320	2,570	(2)15	72,800	12' 11-7/8"	8' 8"	9' 6"
UT Addition		300	300	150			1' 1"	1' 1"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Two-Cell Cooling Towers



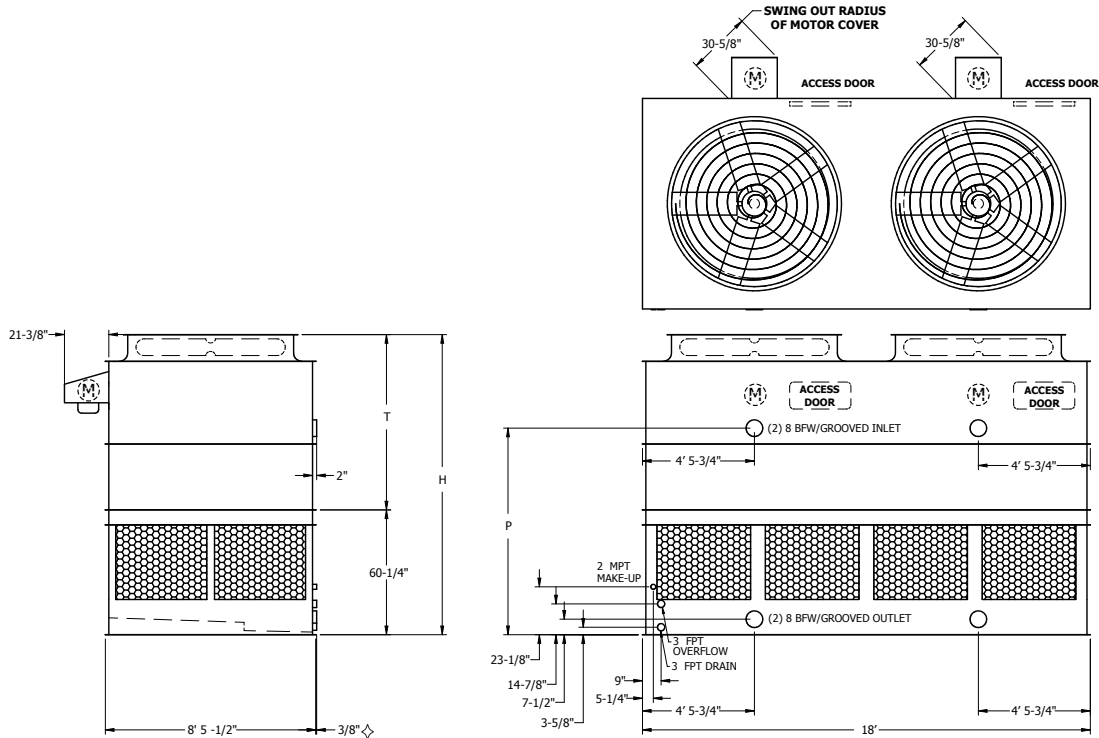
NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the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

✧ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 29-318 to 29-918

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-29-318L	274	7,840	13,730	5,290	(2)5	72,000	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-318	329	7,920	13,810	5,370	(2)7.5	81,900	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-418	362	7,980	13,870	5,430	(2)10	89,800	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-518U	312	8,370	14,260	5,820	(2)5	70,900	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-518L	368	8,450	14,340	5,900	(2)7.5	80,600	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-518	404	8,510	14,400	5,960	(2)10	88,200	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-618	422	8,120	14,010	5,570	(2)15	102,000	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-718	471	8,650	14,540	6,100	(2)15	100,100	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-818E	335	8,950	14,840	6,400	(2)5	69,700	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-818U	387	9,030	14,920	6,480	(2)7.5	79,300	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-818L	425	9,090	14,980	6,540	(2)10	86,800	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-818	491	9,230	15,120	6,680	(2)15	98,400	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-918	538	9,330	15,220	6,780	(2)20	107,600	14' 3/4"	9' 1/2"	10' 3-1/2"
UT Addition		300	300	300			1' 9"	1' 9"	

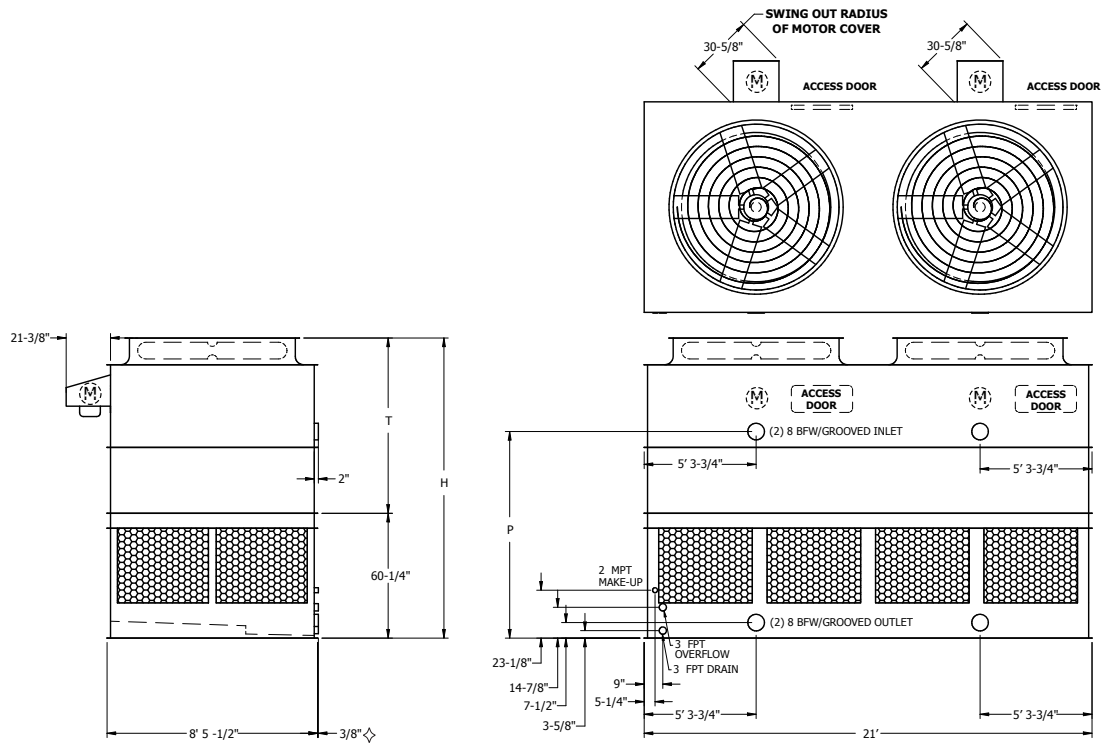
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 29-318 to 29-921

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [†]			H [†]	T [†]	P
AT-29-121L	315	8,920	15,860	6,130	(2)5	80,700	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-121	379	9,000	15,940	6,210	(2)7.5	91,800	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-221L	347	9,530	16,470	6,740	(2)5	79,600	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-221	410	9,610	16,550	6,820	(2)7.5	90,500	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-321	448	9,670	16,610	6,880	(2)10	99,200	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-421L	408	9,060	16,000	6,270	(2)10	100,700	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-421	467	9,200	16,140	6,410	(2)15	114,600	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-521U	383	10,190	17,130	7,400	(2)5	78,200	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-521L	445	10,270	17,210	7,480	(2)7.5	88,900	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-521	482	10,330	17,270	7,540	(2)10	97,500	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-621	518	9,810	16,750	7,020	(2)15	112,500	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-721	547	10,470	17,410	7,680	(2)15	110,700	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-821	578	9,910	16,850	7,120	(2)20	123,000	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-921L	604	10,570	17,510	7,780	(2)20	120,900	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-921	636	10,630	17,570	7,840	(2)25	129,800	14' 3/4"	9' 1/2"	10' 3-1/2"
UT Addition		300	300	300			1' 9"	1' 9"	

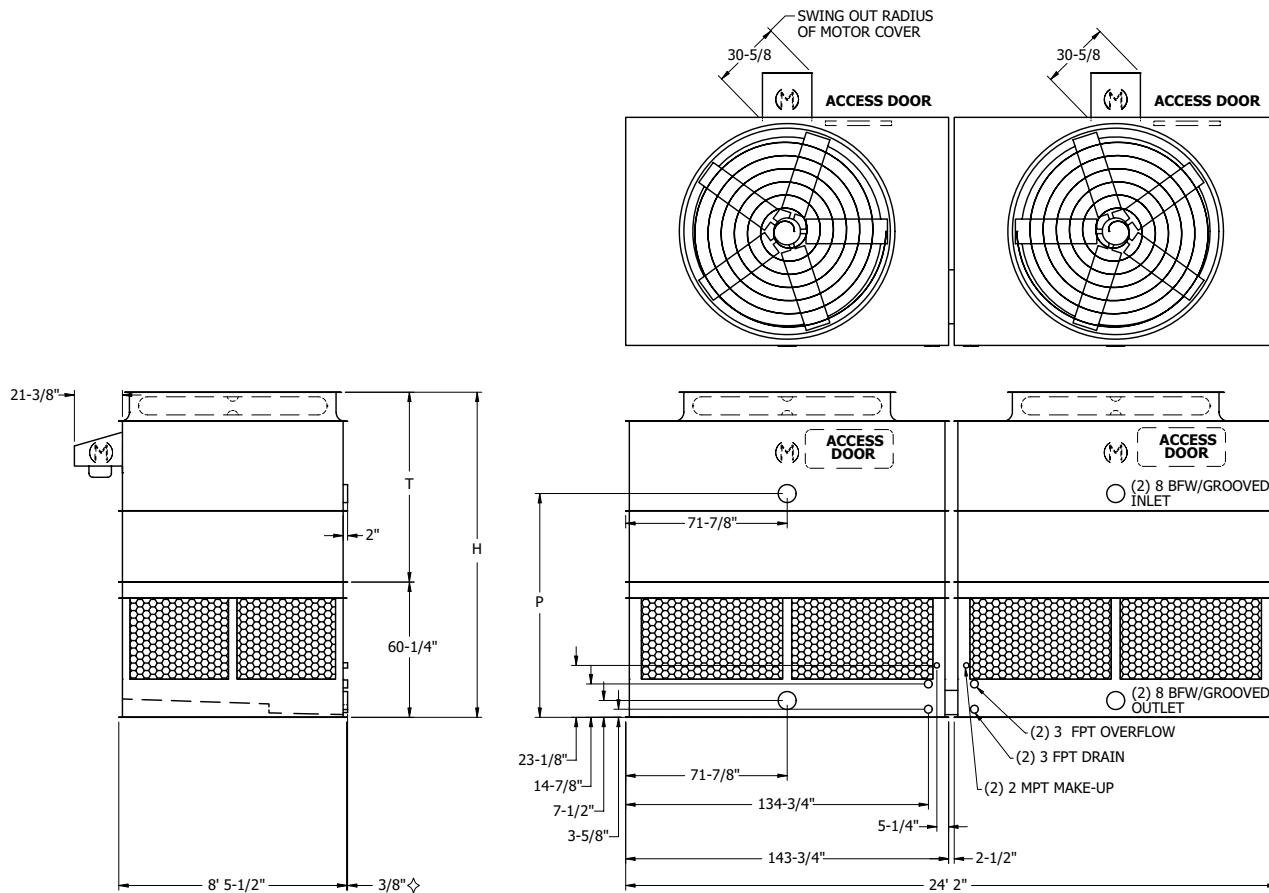
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 29-024 to 29-924

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [†]			H [†]	T [†]	P
AT-29-024L	452	10,860	18,580	3,790	(2)7.5	98,600	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-024	506	10,920	18,640	3,820	(2)10	107,900	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-124L	481	11,640	19,360	4,180	(2)7.5	96,900	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-124	531	11,700	19,420	4,210	(2)10	106,200	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-224E	400	10,140	17,860	3,430	(2)7.5	100,100	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-224U	454	10,200	17,920	3,460	(2)10	109,700	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-224L	507	10,360	18,080	3,540	(2)15	124,900	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-224	559	10,440	18,160	3,580	(2)20	137,000	12' 3/4"	7' 1/2"	8' 3-1/2"
AT-29-324	571	11,080	18,800	3,900	(2)15	122,600	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-424	593	11,860	19,580	4,290	(2)15	120,700	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-524	630	11,160	18,880	3,940	(2)20	134,100	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-624	653	11,940	19,660	4,330	(2)20	132,100	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-724	674	11,200	18,920	3,960	(2)25	144,000	13' 3/4"	8' 1/2"	9' 3-1/2"
AT-29-824	696	11,980	19,700	4,350	(2)25	141,600	14' 3/4"	9' 1/2"	10' 3-1/2"
AT-29-924	718	12,020	19,740	4,370	(2)30	150,100	14' 3/4"	9' 1/2"	10' 3-1/2"
UT Addition		300	300	150			1' 9"	1' 9"	

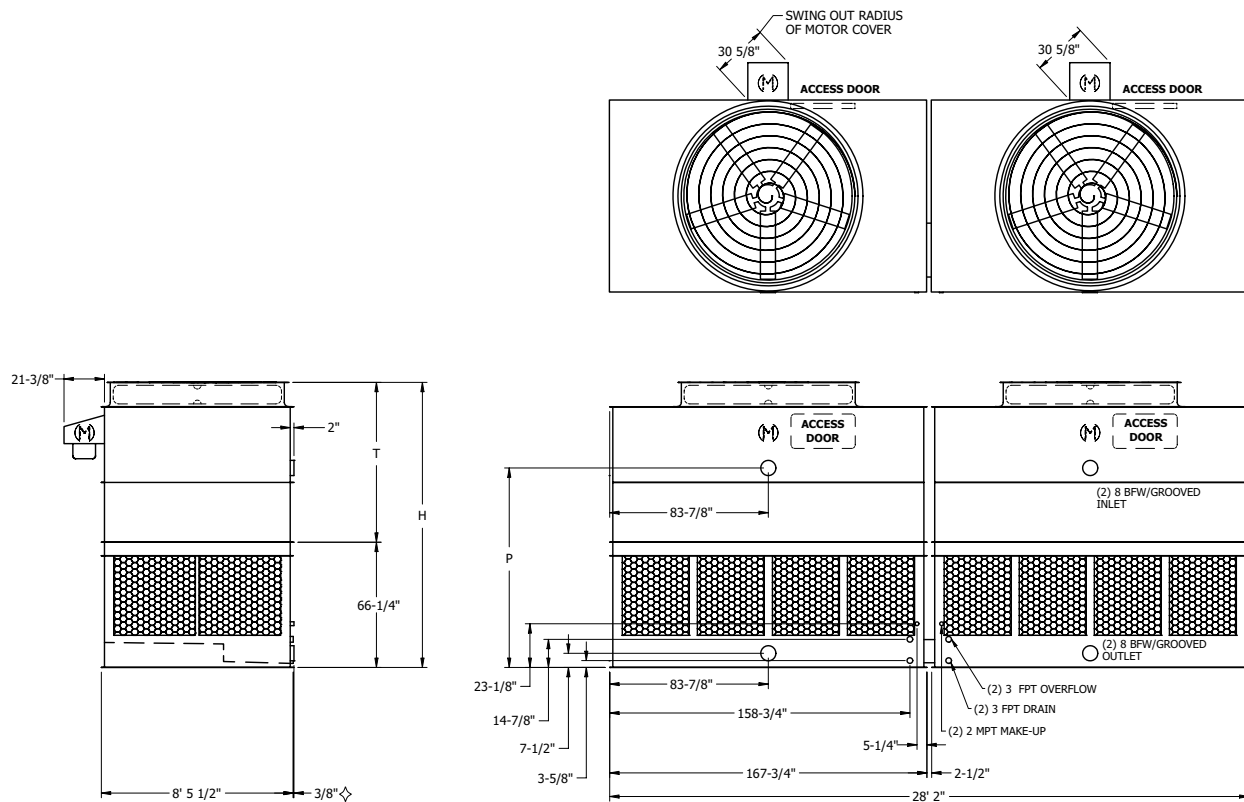
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 29-228 to 29-928

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-29-128	446	11,140	20,160	3,680	(2)7.5	112,300	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-29-228U	502	11,960	20,980	4,090	(2)7.5	110,700	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-29-228L	563	12,020	21,040	4,120	(2)10	121,100	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-29-228	633	12,180	21,200	4,200	(2)15	137,800	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-29-328E	506	11,200	20,220	3,710	(2)10	123,000	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-29-328U	563	11,360	20,380	3,790	(2)15	140,200	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-29-328L	622	11,440	20,460	3,830	(2)20	153,600	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-29-328	678	11,480	20,500	3,850	(2)25	164,700	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-29-428	698	12,260	21,280	4,240	(2)20	150,600	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-29-528E	535	12,860	21,880	4,540	(2)7.5	108,800	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-29-528U	592	12,920	21,940	4,570	(2)10	119,200	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-29-528L	661	13,080	22,100	4,650	(2)15	135,600	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-29-528	726	13,160	22,180	4,690	(2)20	148,300	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-29-628	757	12,300	21,320	4,260	(2)25	161,600	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-29-728	787	13,200	22,220	4,710	(2)25	159,000	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-29-828	802	12,340	21,360	4,280	(2)30	171,200	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-29-928	830	13,240	22,260	4,730	(2)30	168,200	14' 6-3/4"	9' 1/2"	10' 9-1/2"
UT Addition		300	300	150			1' 9"	1' 9"	

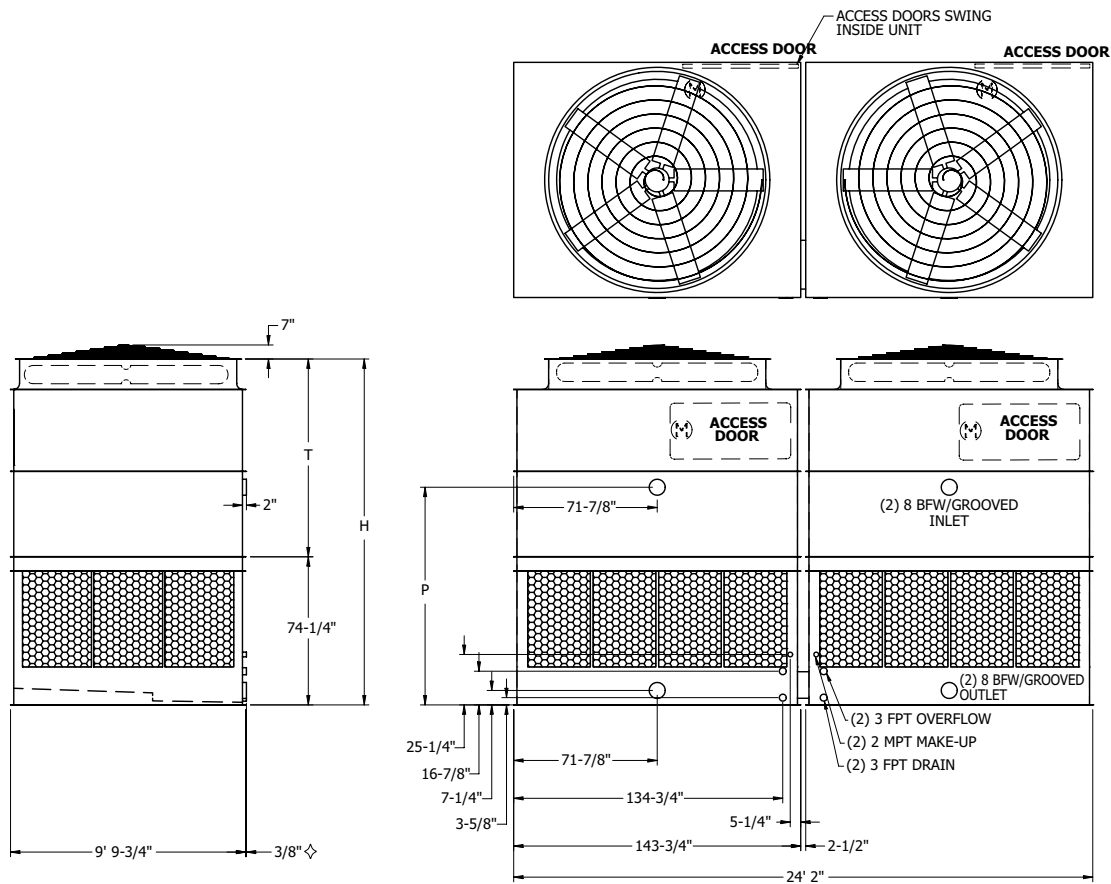
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 210-124 to 210-924

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-210-124L	529	13,860	24,940	4,750	(2)10	127,300	15' 5-1/4"	9' 3"	10' 1"
AT-210-124	618	13,860	24,940	4,750	(2)15	144,500	15' 5-1/4"	9' 3"	10' 1"
AT-210-224E	455	12,760	23,840	4,200	(2)10	129,400	14' 5-1/4"	8' 3"	9' 1"
AT-210-224U	553	12,900	23,980	4,270	(2)15	147,000	14' 5-1/4"	8' 3"	9' 1"
AT-210-224L	611	13,000	24,080	4,320	(2)20	161,100	14' 5-1/4"	8' 3"	9' 1"
AT-210-224	651	13,100	24,180	4,370	(2)25	172,900	14' 5-1/4"	8' 3"	9' 1"
AT-210-324	676	13,960	25,040	4,800	(2)20	158,300	15' 5-1/4"	9' 3"	10' 1"
AT-210-424	684	13,300	24,380	4,470	(2)30	183,500	14' 5-1/4"	8' 3"	9' 1"
AT-210-524	722	14,060	25,140	4,850	(2)25	169,700	15' 5-1/4"	9' 3"	10' 1"
AT-210-624E	555	14,560	25,640	5,100	(2)10	125,300	16' 5-1/4"	10' 3"	11' 1"
AT-210-624U	644	14,700	25,780	5,170	(2)15	142,300	16' 5-1/4"	10' 3"	11' 1"
AT-210-624L	701	14,800	25,880	5,220	(2)20	155,800	16' 5-1/4"	10' 3"	11' 1"
AT-210-624	746	14,900	25,980	5,270	(2)25	167,200	16' 5-1/4"	10' 3"	11' 1"
AT-210-724	760	14,260	25,340	4,950	(2)30	179,900	15' 5-1/4"	9' 3"	10' 1"
AT-210-824	785	15,100	26,180	5,370	(2)30	176,900	16' 5-1/4"	10' 3"	11' 1"
AT-210-924	820	15,600	26,680	5,620	(2)40	185,600	16' 5-1/4"	10' 3"	11' 1"
UT Addition		1,400	1,400	700			1' 9-1/2"	1' 9-1/2"	

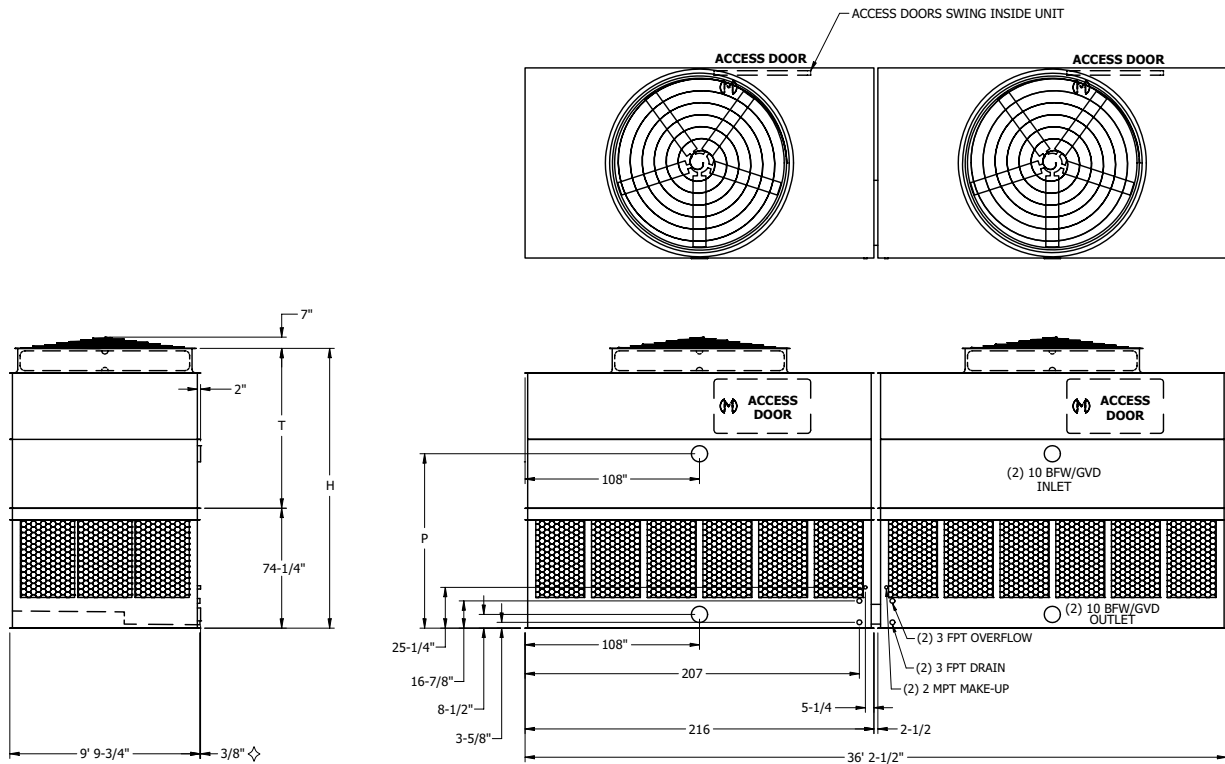
NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 210-136 to 210-936

Two-Cell Cooling Towers



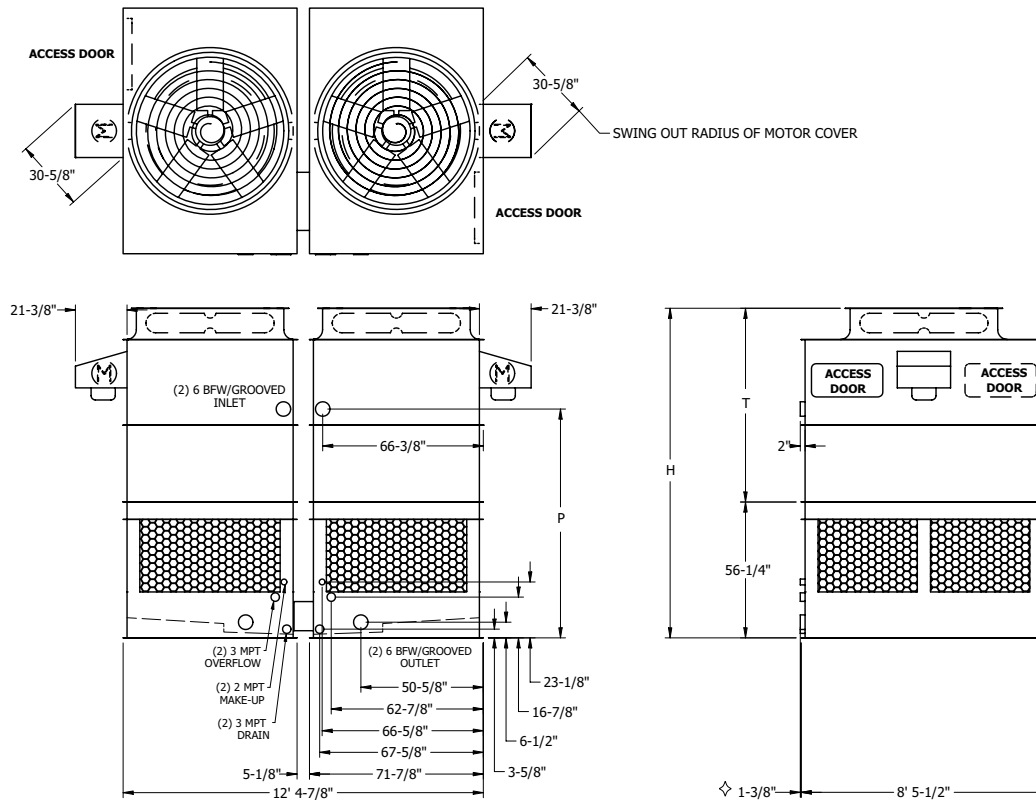
Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-210-136U	580	17,960	34,770	5,640	(2)10	172,000	14' 5-1/4"	8' 3"	9' 0"
AT-210-136L	701	18,100	34,910	5,710	(2)15	195,600	14' 5-1/4"	8' 3"	9' 0"
AT-210-136	779	18,200	35,010	5,760	(2)20	214,400	14' 5-1/4"	8' 3"	9' 0"
AT-210-236L	727	20,600	37,410	6,960	(2)10	166,500	16' 5-1/4"	10' 3"	11' 0"
AT-210-236	839	20,740	37,550	7,030	(2)15	189,400	16' 5-1/4"	10' 3"	11' 0"
AT-210-336U	667	19,340	36,150	6,330	(2)10	169,400	15' 5-1/4"	9' 3"	10' 0"
AT-210-336L	790	19,480	36,290	6,400	(2)15	192,600	15' 5-1/4"	9' 3"	10' 0"
AT-210-336	873	19,580	36,390	6,450	(2)20	211,000	15' 5-1/4"	9' 3"	10' 0"
AT-210-436L	840	18,300	35,110	5,810	(2)25	230,200	14' 5-1/4"	8' 3"	9' 0"
AT-210-436	890	18,500	35,310	5,910	(2)30	244,100	14' 5-1/4"	8' 3"	9' 0"
AT-210-536	941	19,680	36,490	6,500	(2)25	226,300	15' 5-1/4"	9' 3"	10' 0"
AT-210-636	997	19,880	36,690	6,600	(2)30	239,600	15' 5-1/4"	9' 3"	10' 0"
AT-210-736U	921	20,840	37,650	7,080	(2)20	207,500	16' 5-1/4"	10' 3"	11' 0"
AT-210-736L	987	20,940	37,750	7,130	(2)25	222,600	16' 5-1/4"	10' 3"	11' 0"
AT-210-736	1,044	21,140	37,950	7,230	(2)30	235,800	16' 5-1/4"	10' 3"	11' 0"
AT-210-836	1,093	20,380	37,190	6,850	(2)40	262,300	15' 5-1/4"	9' 3"	10' 0"
AT-210-936	1,140	21,640	38,450	7,480	(2)40	258,100	16' 5-1/4"	10' 3"	11' 0"
UT Addition		1,400	1,400	700			1' 9-1/2"	1' 9-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

- ◇ Outlet connection extends beyond bottom flange.
♦ Heaviest section is upper section.
† Height includes fan guard which ships factory mounted.

Models: AT/UT/USS 212-59 to 212-99

Two-Cell Cooling Towers



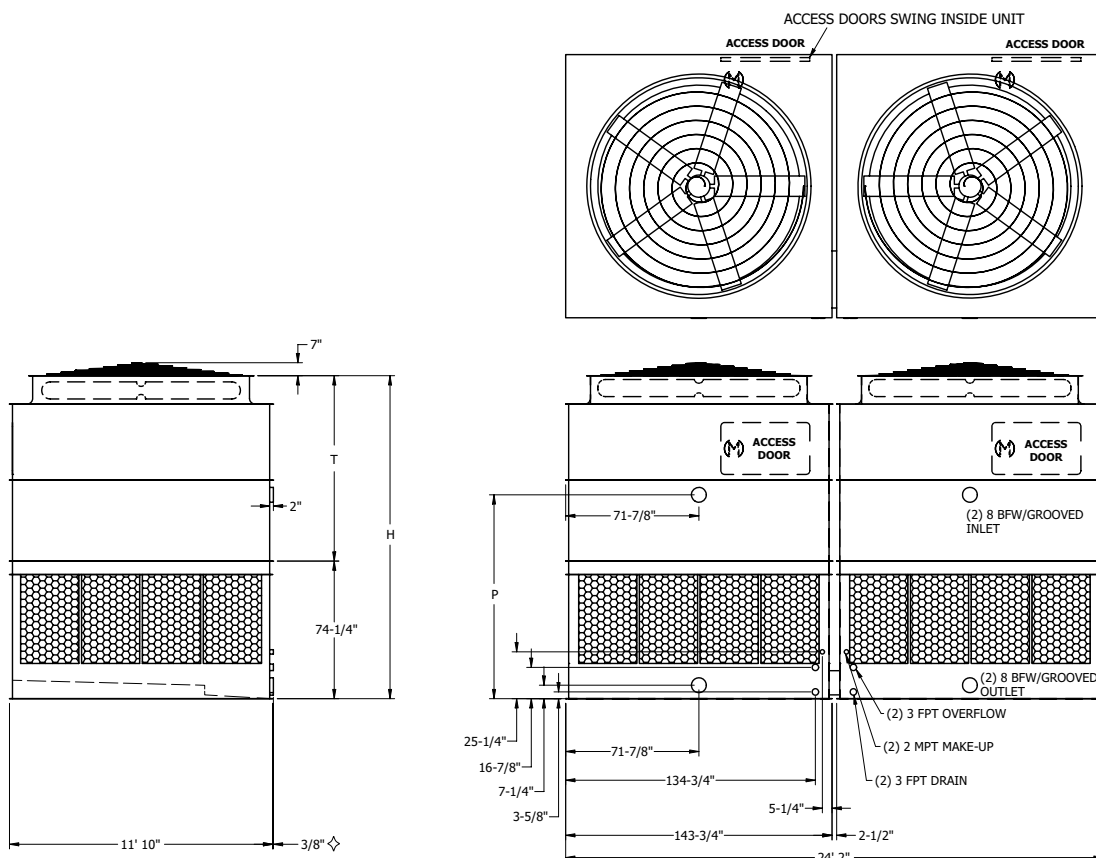
Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [♦]			H [†]	T [†]	P
AT-212-49	219	6,920	11,000	2,410	(2)3	43,800	13' 4-1/4"	8' 8"	7' 10-1/2"
AT-212-59L	179	6,080	10,160	1,990	(2)3	45,200	11' 4-1/4"	6' 8"	9' 10-1/2"
AT-212-59	225	6,120	10,200	2,010	(2)5	53,100	11' 4-1/4"	6' 8"	7' 10-1/2"
AT-212-69	247	6,200	10,280	2,050	(2)7.5	60,500	11' 4-1/4"	6' 8"	7' 10-1/2"
AT-212-79U	203	6,480	10,560	2,190	(2)3	44,500	12' 4-1/4"	7' 8"	8' 10-1/2"
AT-212-79L	250	6,520	10,600	2,210	(2)5	52,300	12' 4-1/4"	7' 8"	8' 10-1/2"
AT-212-79	277	6,600	10,680	2,250	(2)7.5	59,400	12' 4-1/4"	7' 8"	8' 10-1/2"
AT-212-89	302	6,660	10,740	2,280	(2)10	65,100	12' 4-1/4"	7' 8"	8' 10-1/2"
AT-212-99E	262	6,960	11,040	2,430	(2)5	51,400	13' 4-1/4"	8' 8"	9' 10-1/2"
AT-212-99U	287	7,040	11,120	2,470	(2)7.5	58,500	13' 4-1/4"	8' 8"	9' 10-1/2"
AT-212-99L	315	7,100	11,180	2,500	(2)10	64,000	13' 4-1/4"	8' 8"	9' 10-1/2"
AT-212-99	344	7,240	11,320	2,570	(2)15	72,800	13' 4-1/4"	8' 8"	9' 10-1/2"
UT Addition		300	300	150			1' 1"	1' 1"	

NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

◇ Outlet connection extends beyond bottom flange.
 ♦ Heaviest section is upper section.
 † Height includes fan guard which ships factory mounted.

Models: AT/UT/USS 212-024 to 212-924

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-212-024U	560	14,560	26,980	4,860	(2)10	143,100	14' 6-1/4"	8' 4"	9' 2"
AT-212-024L	667	14,840	27,260	5,000	(2)15	162,700	14' 6-1/4"	8' 4"	9' 2"
AT-212-024	729	14,940	27,360	5,050	(2)20	178,300	14' 6-1/4"	8' 4"	9' 2"
AT-212-124L	633	15,640	28,060	5,400	(2)10	140,900	15' 6-1/4"	9' 4"	10' 2"
AT-212-124	740	15,920	28,340	5,540	(2)15	160,100	15' 6-1/4"	9' 4"	10' 2"
AT-212-224	782	15,040	27,460	5,100	(2)25	191,500	14' 6-1/4"	8' 4"	9' 2"
AT-212-324	807	16,020	28,440	5,590	(2)20	175,300	15' 6-1/4"	9' 4"	10' 2"
AT-212-424	828	15,240	27,660	5,200	(2)30	202,900	14' 6-1/4"	8' 4"	9' 2"
AT-212-524	868	16,120	28,540	5,640	(2)25	188,000	15' 6-1/4"	9' 4"	10' 2"
AT-212-624E	674	16,620	29,040	5,890	(2)10	138,600	16' 6-1/4"	10' 4"	11' 2"
AT-212-624U	775	16,900	29,320	6,030	(2)15	157,500	16' 6-1/4"	10' 4"	11' 2"
AT-212-624L	843	17,000	29,420	6,080	(2)20	172,400	16' 6-1/4"	10' 4"	11' 2"
AT-212-624	908	17,100	29,520	6,130	(2)25	184,800	16' 6-1/4"	10' 4"	11' 2"
AT-212-724	922	16,320	28,740	5,740	(2)30	199,000	15' 6-1/4"	9' 4"	10' 2"
AT-212-824	963	17,300	29,720	6,230	(2)30	195,700	16' 6-1/4"	10' 4"	11' 2"
AT-212-924	1,030	17,800	30,220	6,480	(2)40	214,300	16' 6-1/4"	10' 4"	11' 2"
UT Addition		1,400	1,400	700			1' 9-1/2"	1' 9-1/2"	

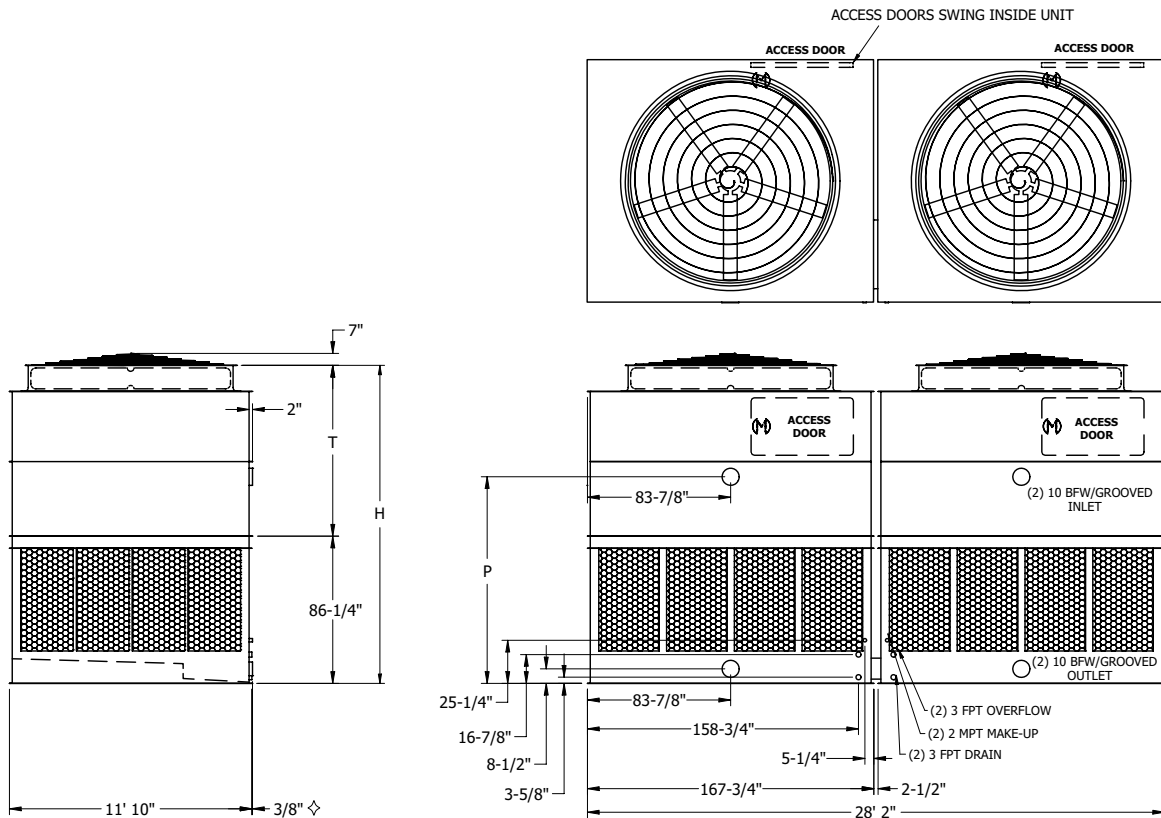
NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 212-128 to 212-928

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-212-128E	598	16,000	30,660	5,360	(2)10	155,600	15' 6-1/4"	8' 4"	10' 1"
AT-212-128U	717	16,140	30,800	5,430	(2)15	176,900	15' 6-1/4"	8' 4"	10' 1"
AT-212-128L	787	16,260	30,920	5,490	(2)20	194,000	15' 6-1/4"	8' 4"	10' 1"
AT-212-128	850	16,380	31,040	5,550	(2)25	208,400	15' 6-1/4"	8' 4"	10' 1"
AT-212-228U	687	17,320	31,980	6,020	(2)10	153,200	16' 6-1/4"	9' 4"	11' 1"
AT-212-228L	810	17,460	32,120	6,090	(2)15	174,000	16' 6-1/4"	9' 4"	11' 1"
AT-212-228	877	17,580	32,240	6,150	(2)20	190,900	16' 6-1/4"	9' 4"	11' 1"
AT-212-328	900	16,520	31,180	5,620	(2)30	220,700	15' 6-1/4"	8' 4"	10' 1"
AT-212-428	942	17,700	32,360	6,210	(2)25	204,700	16' 6-1/4"	9' 4"	11' 1"
AT-212-528E	741	18,360	33,020	6,540	(2)10	150,600	17' 6-1/4"	10' 4"	12' 1"
AT-212-528U	853	18,500	33,160	6,610	(2)15	171,200	17' 6-1/4"	10' 4"	12' 1"
AT-212-528L	921	18,620	33,280	6,670	(2)20	187,600	17' 6-1/4"	10' 4"	12' 1"
AT-212-528	987	18,740	33,400	6,730	(2)25	201,200	17' 6-1/4"	10' 4"	12' 1"
AT-212-628	1,002	17,840	32,500	6,280	(2)30	216,700	16' 6-1/4"	9' 4"	11' 1"
AT-212-728	1,049	18,880	33,540	6,800	(2)30	213,200	17' 6-1/4"	10' 4"	12' 1"
AT-212-828	1,097	18,360	33,020	6,540	(2)40	237,200	16' 6-1/4"	9' 4"	11' 1"
AT-212-928	1,147	19,400	34,060	7,060	(2)40	233,100	17' 6-1/4"	10' 4"	12' 1"
UT Addition		1,400	1,400	700			1' 9-1/2"	1' 9-1/2"	

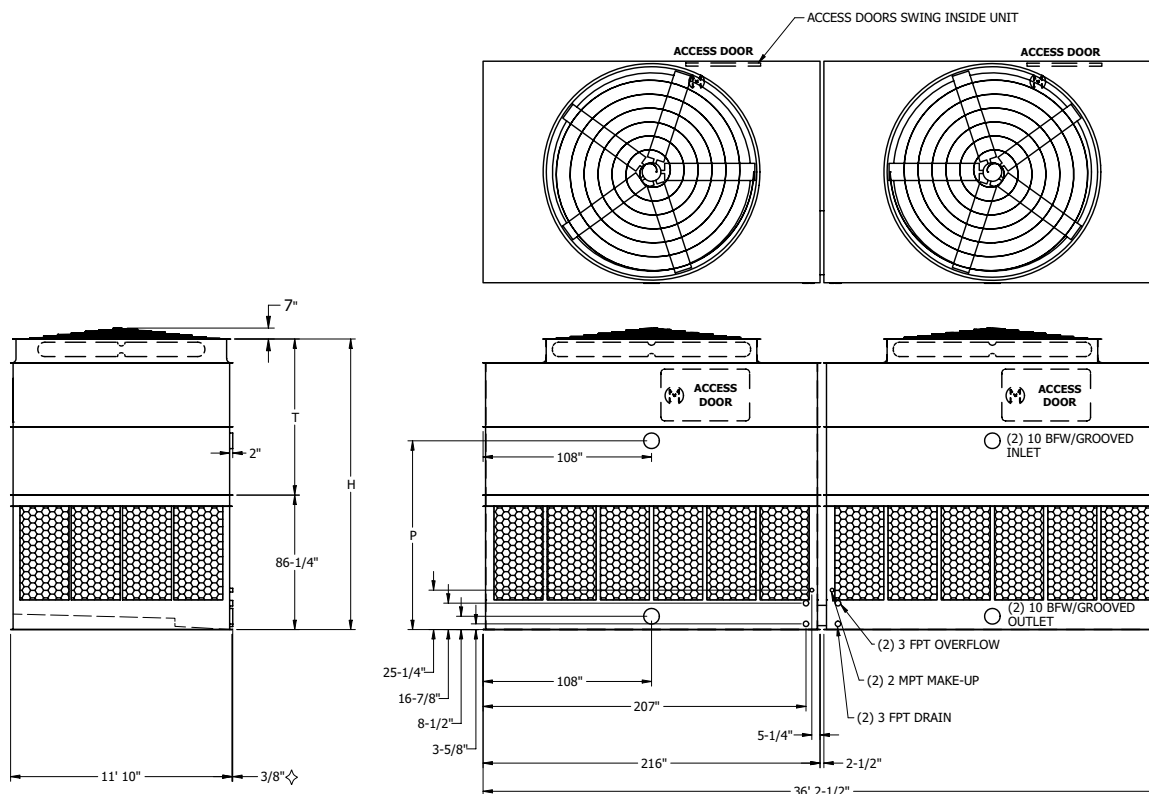
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 212-036 to 212-936

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-212-036L	977	22,340	40,880	7,480	(2)15	216,900	16' 6-1/4"	9' 4"	11' 1"
AT-212-036	1,092	22,460	41,000	7,540	(2)20	237,300	16' 6-1/4"	9' 4"	11' 1"
AT-212-136E	877	20,780	39,320	6,700	(2)15	220,200	15' 6-1/4"	8' 4"	10' 1"
AT-212-136U	994	20,900	39,440	6,760	(2)20	241,200	15' 6-1/4"	8' 4"	10' 1"
AT-212-136L	1,051	21,000	39,540	6,810	(2)25	259,200	15' 6-1/4"	8' 4"	10' 1"
AT-212-136	1,107	21,220	39,760	6,920	(2)30	274,700	15' 6-1/4"	8' 4"	10' 1"
AT-212-136M	1,219	21,740	40,280	7,180	(2)40	300,900	15' 6-1/4"	8' 4"	10' 1"
AT-212-236U	1,035	23,820	42,360	8,220	(2)15	213,300	17' 6-1/4"	10' 4"	12' 1"
AT-212-236L	1,145	23,940	42,480	8,280	(2)20	233,600	17' 6-1/4"	10' 4"	12' 1"
AT-212-236	1,213	24,040	42,580	8,330	(2)25	250,800	17' 6-1/4"	10' 4"	12' 1"
AT-212-336L	1,161	22,560	41,100	7,590	(2)25	254,700	16' 6-1/4"	9' 4"	11' 1"
AT-212-336	1,227	22,780	41,320	7,700	(2)30	270,100	16' 6-1/4"	9' 4"	11' 1"
AT-212-436	1,283	24,260	42,800	8,440	(2)30	265,800	17' 6-1/4"	10' 4"	12' 1"
AT-212-536	1,350	23,300	41,840	7,960	(2)40	295,500	16' 6-1/4"	9' 4"	11' 1"
AT-212-636	1,409	24,780	43,320	8,700	(2)40	290,700	17' 6-1/4"	10' 4"	12' 1"
AT-212-736	1,448	23,420	41,960	8,020	(2)50	317,100	16' 6-1/4"	9' 4"	11' 1"
AT-212-836	1,513	24,900	43,440	8,760	(2)50	311,400	17' 6-1/4"	10' 4"	12' 1"
AT-212-936	1,570	25,120	43,660	8,870	(2)60	329,900	17' 6-1/4"	10' 4"	12' 1"
UT Addition		2,400	2,400	1,200			1' 3-1/2"	1' 3-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

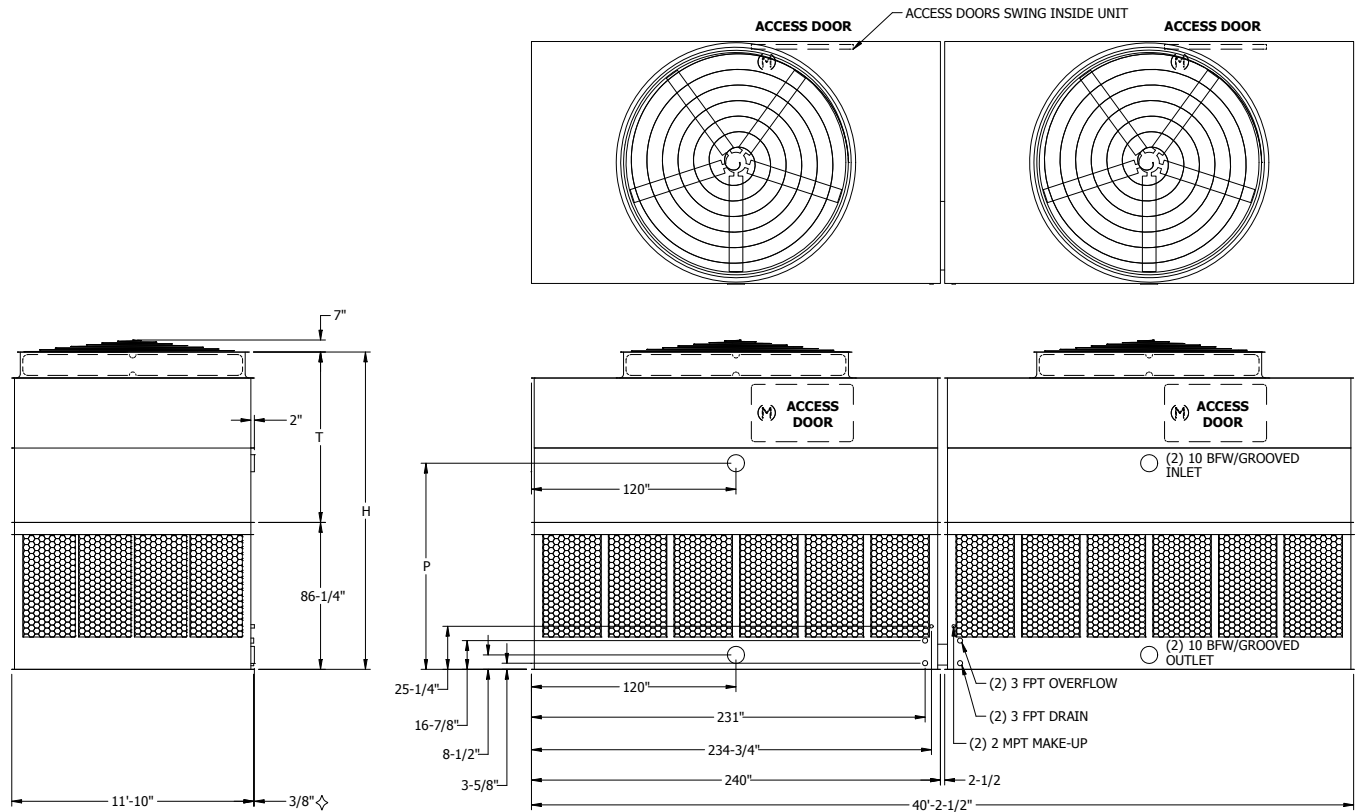
◇ Outlet connection extends beyond bottom flange.

◆ Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.

Models: AT/UT/USS 212-0140 to 212-1640

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-212-0140	918	22,480	43,280	7,210	(2)20	246,500	15' 6-1/2"	8' 4"	10' 1"
AT-212-0240	1,013	22,580	43,380	7,260	(2)25	264,600	15' 6-1/2"	8' 4"	10' 1"
AT-212-0340	1,088	22,800	43,600	7,370	(2)30	280,300	15' 6-1/2"	8' 4"	10' 1"
AT-212-0440	1,250	23,320	44,120	7,630	(2)40	306,600	15' 6-1/2"	8' 4"	10' 1"
AT-212-0540	1,357	23,440	44,240	7,690	(2)50	329,000	15' 6-1/2"	8' 4"	10' 1"
AT-212-0640	1,073	23,940	44,740	7,940	(2)20	242,400	16' 6-1/2"	9' 4"	11' 1"
AT-212-0740	1,170	24,040	44,840	7,990	(2)25	260,000	16' 6-1/2"	9' 4"	11' 1"
AT-212-0840	1,246	24,260	45,060	8,100	(2)30	275,300	16' 6-1/2"	9' 4"	11' 1"
AT-212-0940	1,396	24,780	45,580	8,360	(2)40	300,900	16' 6-1/2"	9' 4"	11' 1"
AT-212-1040	1,515	24,900	45,700	8,420	(2)50	322,600	16' 6-1/2"	9' 4"	11' 1"
AT-212-1140	1,143	25,740	46,540	8,840	(2)20	238,300	17' 6-1/2"	10' 4"	12' 1"
AT-212-1240	1,235	25,840	46,640	8,890	(2)25	255,700	17' 6-1/2"	10' 4"	12' 1"
AT-212-1340	1,310	26,060	46,860	9,000	(2)30	270,900	17' 6-1/2"	10' 4"	12' 1"
AT-212-1440	1,457	26,580	47,380	9,260	(2)40	296,200	17' 6-1/2"	10' 4"	12' 1"
AT-212-1540	1,576	26,700	47,500	9,320	(2)50	317,300	17' 6-1/2"	10' 4"	12' 1"
AT-212-1640	1,635	26,920	47,720	9,430	(2)60	336,300	17' 6-1/2"	10' 4"	12' 1"
UT Addition		2,400	2,400	1,200			1' 3-1/2"	1' 3-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

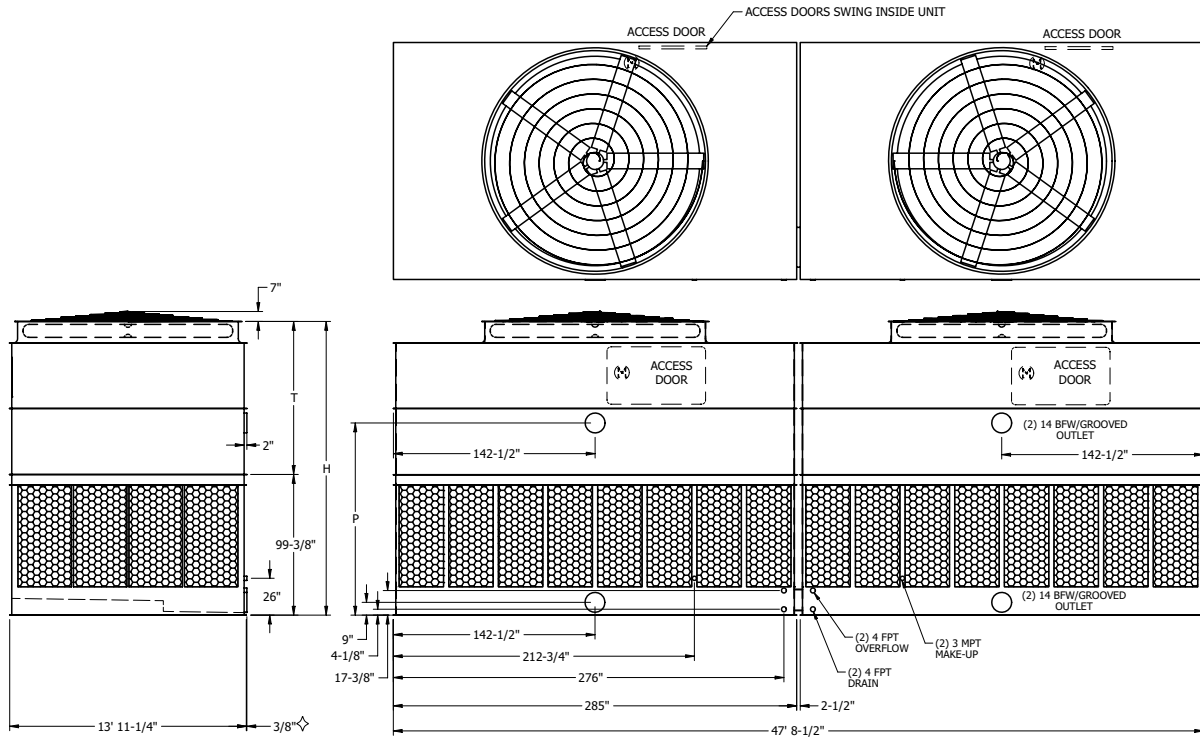
◇ Outlet connection extends beyond bottom flange.

◆ Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.

Models: AT/UT/USS 214-0148 to 214-1248

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-214-0148U	1,205	32,640	64,340	10,600	(2)20	313,500	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-214-0148L	1,336	32,740	64,440	10,650	(2)25	336,700	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-214-0148	1,410	32,780	64,480	10,670	(2)30	357,000	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-214-0248	1,527	33,080	64,780	10,820	(2)40	391,200	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-214-0348	1,641	33,780	65,480	11,170	(2)50	420,400	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-214-0448L	1,514	36,800	68,500	12,680	(2)20	301,100	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-214-0448	1,637	36,900	68,600	12,730	(2)25	323,100	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-214-0548	1,713	36,940	68,640	12,750	(2)30	343,300	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-214-0648E	1,383	34,720	66,420	11,640	(2)20	308,800	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-214-0648U	1,517	34,820	66,520	11,690	(2)25	331,200	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-214-0648L	1,589	34,860	66,560	11,710	(2)30	351,100	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-214-0648	1,748	35,160	66,860	11,860	(2)40	384,300	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-214-0748	1,860	37,240	68,940	12,900	(2)40	378,000	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-214-0848	1,960	37,940	69,640	13,250	(2)50	405,900	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-214-0948L	1,863	35,860	67,560	12,210	(2)50	412,500	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-214-0948	1,978	36,200	67,900	12,380	(2)60	436,800	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-214-1048	2,075	38,280	69,980	13,420	(2)60	429,900	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-214-1148	2,230	38,760	70,460	13,660	(2)75	471,200	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-214-1248*	2,359	39,640	71,340	14,100	(2)100	505,100	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
UT Addition		2,500	2,500	1,250			1' 1-1/2"	1' 1-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

◇ Outlet connection extends beyond bottom flange.

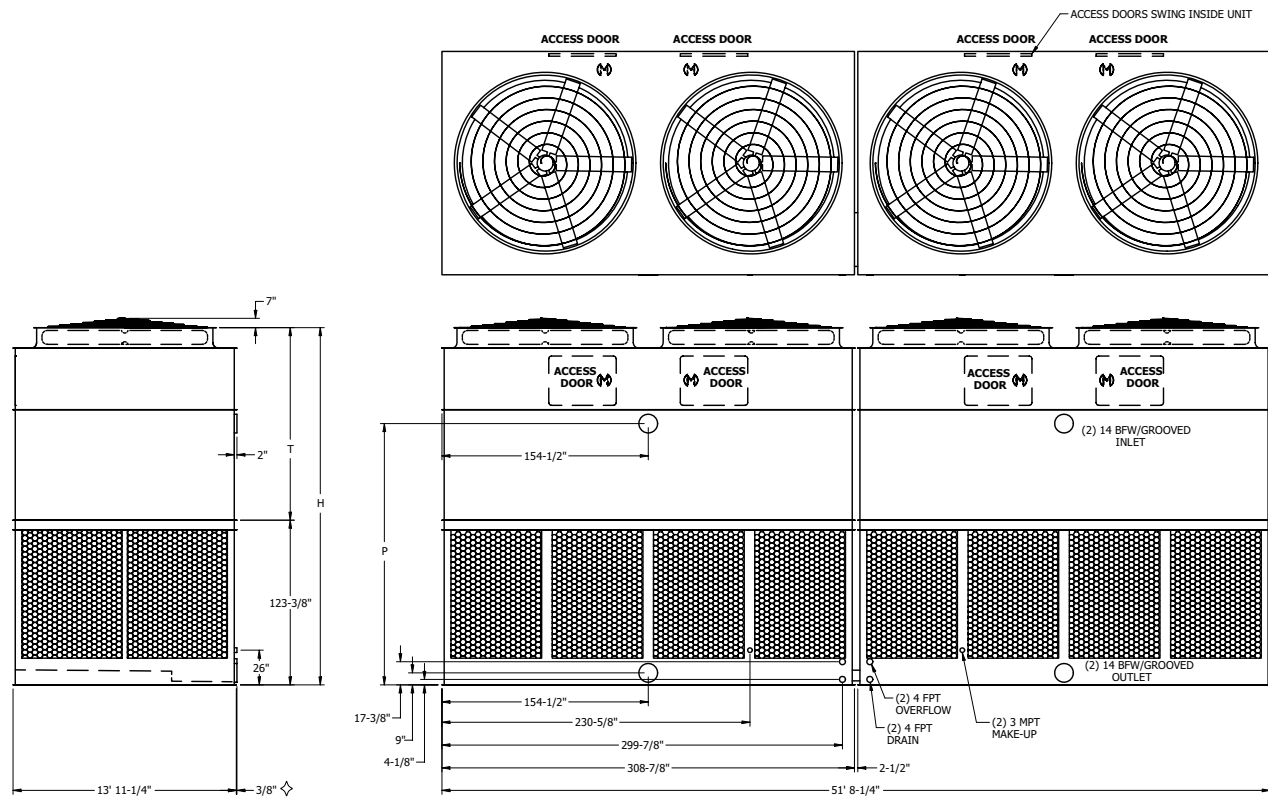
✦ Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.

* Model available with gear drive only. Motors and access doors located on 13'11-1/4" unit ends. Super Low Sound Fan is not available on this unit.

Models: AT/UT/USS 214-552 to 214-952

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-214-552	1,971	49,200	82,860	17,660	(4)20	393,500	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-214-652	2,119	49,320	82,980	17,720	(4)25	422,100	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-214-752	2,245	49,520	83,180	17,820	(4)30	446,800	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-214-852	2,452	50,160	83,820	18,140	(4)40	488,700	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-214-952	2,622	50,200	83,860	18,160	(4)50	523,700	22' 3-1/2"	12' 1/8"	16' 3-3/4"
UT Addition		♣	4,800	♣			1' 3-1/2"	1' 3-1/2"	

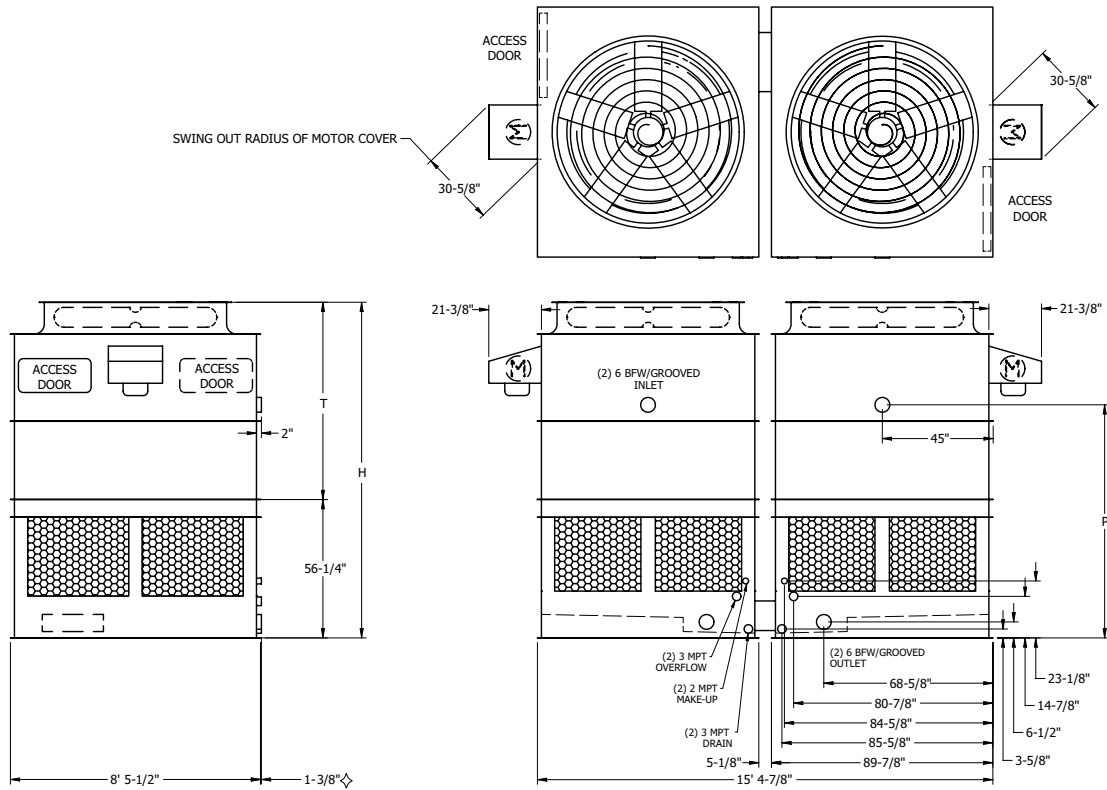
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

♦ Heaviest section is upper section.
 ♣ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 215-29 to 215-99

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [♦]			H [†]	T [†]	P
AT-215-29L	217	6,860	11,700	2,260	(2)3	53,200	11' 4-1/4"	6' 8"	7' 10-1/2"
AT-215-29	274	6,900	11,740	2,280	(2)5	62,600	11' 4-1/4"	6' 8"	7' 10-1/2"
AT-215-39	297	6,980	11,820	2,320	(2)7.5	71,400	11' 4-1/4"	6' 8"	7' 10-1/2"
AT-215-49	319	7,040	11,880	2,350	(2)10	78,300	11' 4-1/4"	6' 8"	7' 10-1/2"
AT-215-59U	247	7,320	12,160	2,490	(2)3	52,500	12' 4-1/4"	7' 8"	8' 10-1/2"
AT-215-59L	304	7,360	12,200	2,510	(2)5	61,600	12' 4-1/4"	7' 8"	8' 10-1/2"
AT-215-59	331	7,440	12,280	2,550	(2)7.5	70,200	12' 4-1/4"	7' 8"	8' 10-1/2"
AT-215-69	358	7,500	12,340	2,580	(2)10	76,900	12' 4-1/4"	7' 8"	8' 10-1/2"
AT-215-79E	267	7,860	12,700	2,760	(2)3	51,600	13' 4-1/4"	8' 8"	9' 10-1/2"
AT-215-79U	319	7,900	12,740	2,780	(2)5	60,600	13' 4-1/4"	8' 8"	9' 10-1/2"
AT-215-79L	346	7,980	12,820	2,820	(2)7.5	69,100	13' 4-1/4"	8' 8"	9' 10-1/2"
AT-215-79	373	8,040	12,880	2,850	(2)10	75,700	13' 4-1/4"	8' 8"	9' 10-1/2"
AT-215-89	393	7,620	12,460	2,640	(2)15	87,500	12' 4-1/4"	7' 8"	8' 10-1/2"
AT-215-99	414	8,160	13,000	2,910	(2)15	86,000	13' 4-1/4"	8' 8"	9' 10-1/2"
UT Addition		300	300	150			1' 5"	1' 5"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

♦ Outlet connection extends beyond bottom flange.

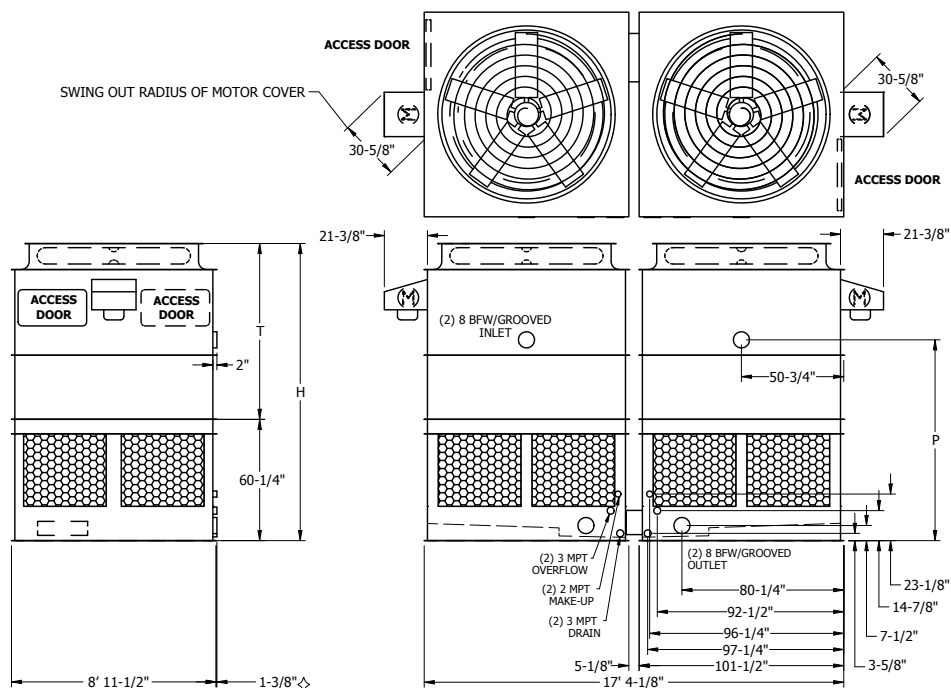
♦ Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.

* Model available with gear drive only. Motors and access doors located on 13' 11-1/4" unit ends. Super Low Sound Fan is not available on this unit.

Models: AT/UT/USS 217-59 to 217-99

Two-Cell Cooling Towers



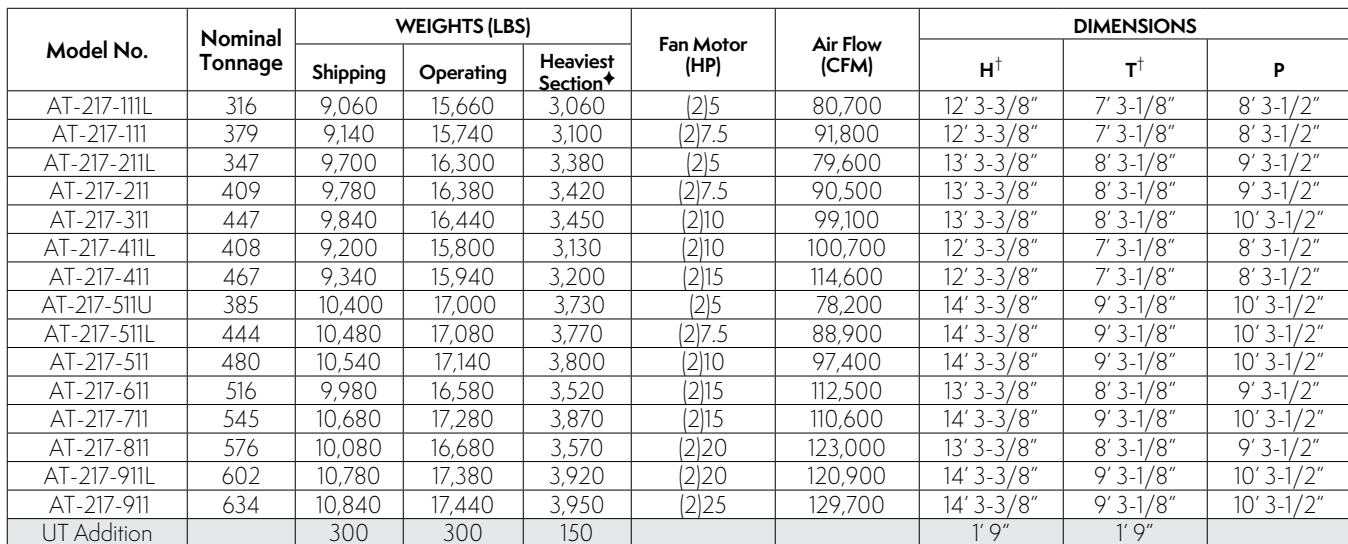
Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-217-59U	308	8,500	14,180	2,940	(2)5	70,600	13' 3-3/8"	8' 3-1/8"	9' 3-1/2"
AT-217-59L	362	8,580	14,260	2,980	(2)7.5	80,200	13' 3-3/8"	8' 3-1/8"	9' 3-1/2"
AT-217-59	399	8,640	14,320	3,010	(2)10	87,800	13' 3-3/8"	8' 3-1/8"	9' 3-1/2"
AT-217-69E	270	7,960	13,640	2,670	(2)5	71,700	12' 3-3/8"	7' 3-1/8"	8' 3-1/2"
AT-217-69U	324	8,040	13,720	2,710	(2)7.5	81,500	12' 3-3/8"	7' 3-1/8"	8' 3-1/2"
AT-217-69L	356	8,100	13,780	2,740	(2)10	89,300	12' 3-3/8"	7' 3-1/8"	8' 3-1/2"
AT-217-69	416	8,240	13,920	2,810	(2)15	101,500	12' 3-3/8"	7' 3-1/8"	8' 3-1/2"
AT-217-79	464	8,780	14,460	3,080	(2)15	99,500	13' 3-3/8"	8' 3-1/8"	9' 3-1/2"
AT-217-89E	330	9,120	14,800	3,250	(2)5	69,400	14' 3-3/8"	9' 3-1/8"	10' 3-1/2"
AT-217-89U	381	9,200	14,880	3,290	(2)7.5	78,900	14' 3-3/8"	9' 3-1/8"	10' 3-1/2"
AT-217-89L	418	9,260	14,940	3,320	(2)10	86,400	14' 3-3/8"	9' 3-1/8"	10' 3-1/2"
AT-217-89	484	9,400	15,080	3,390	(2)15	97,900	14' 3-3/8"	9' 3-1/8"	10' 3-1/2"
AT-217-99	530	9,500	15,180	3,440	(2)20	107,100	14' 3-3/8"	9' 3-1/8"	10' 3-1/2"
UT Addition		300	300	150			1' 9"	1' 9"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Two-Cell Cooling Towers



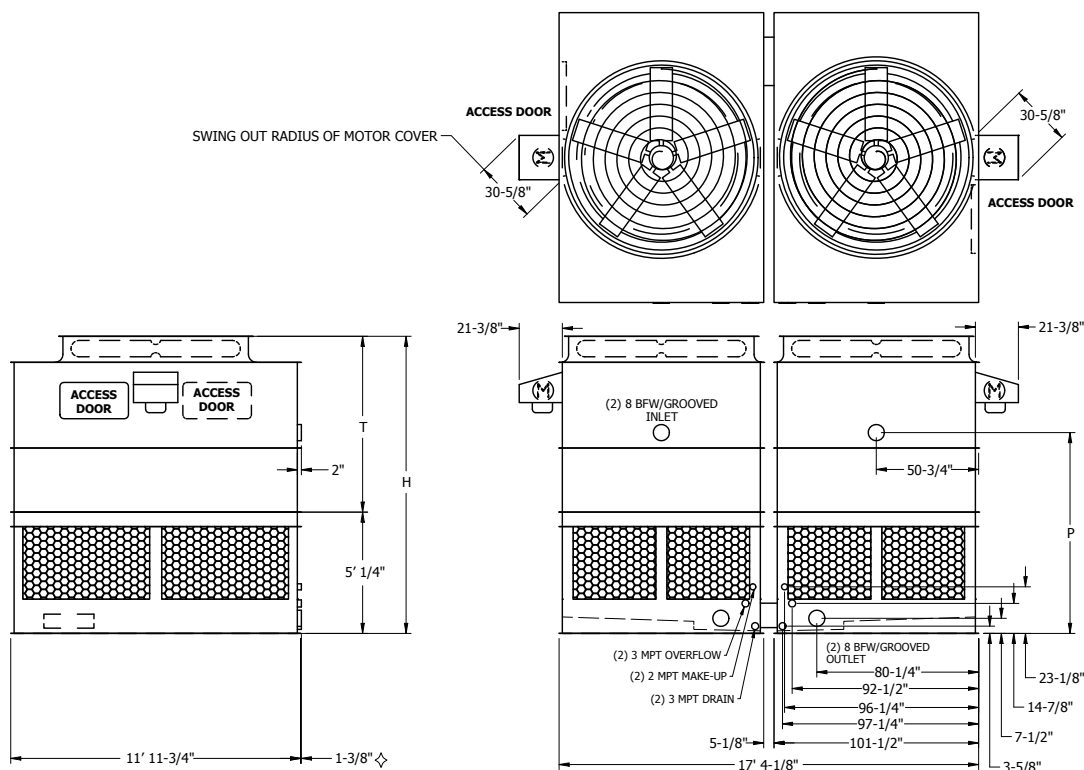
NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the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

✧ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 217-414 to 217-912

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [♦]			H [†]	T [†]	P
AT-217-412E	394	10,160	17,880	3,430	(2)7.5	99,600	12' 3-3/8"	7' 3-1/8"	8' 3-1/2"
AT-217-412U	447	10,220	17,940	3,460	(2)10	109,100	12' 3-3/8"	7' 3-1/8"	8' 3-1/2"
AT-217-412L	499	10,380	18,100	3,540	(2)15	124,300	12' 3-3/8"	7' 3-1/8"	8' 3-1/2"
AT-217-412	550	10,460	18,180	3,580	(2)20	136,200	12' 3-3/8"	7' 3-1/8"	8' 3-1/2"
AT-217-512U	446	10,880	18,600	3,790	(2)7.5	98,100	13' 3-3/8"	8' 3-1/8"	9' 3-1/2"
AT-217-512L	499	10,940	18,660	3,820	(2)10	107,300	13' 3-3/8"	8' 3-1/8"	9' 3-1/2"
AT-217-512	564	11,100	18,820	3,900	(2)15	122,000	13' 3-3/8"	8' 3-1/8"	9' 3-1/2"
AT-217-612	622	11,180	18,900	3,940	(2)20	133,500	13' 3-3/8"	8' 3-1/8"	9' 3-1/2"
AT-217-712E	474	11,660	19,380	4,180	(2)7.5	96,500	14' 3-3/8"	9' 3-1/8"	10' 3-1/2"
AT-217-712U	524	11,720	19,440	4,210	(2)10	105,600	14' 3-3/8"	9' 3-1/8"	10' 3-1/2"
AT-217-712L	585	11,880	19,600	4,290	(2)15	120,100	14' 3-3/8"	9' 3-1/8"	10' 3-1/2"
AT-217-712	645	11,960	19,680	4,330	(2)20	131,400	14' 3-3/8"	9' 3-1/8"	10' 3-1/2"
AT-217-812	665	11,220	18,940	3,960	(2)25	143,200	13' 3-3/8"	8' 3-1/8"	9' 3-1/2"
AT-217-912L	688	12,000	19,720	4,350	(2)25	140,800	14' 3-3/8"	9' 3-1/8"	10' 3-1/2"
AT-217-912	709	12,040	19,760	4,370	(2)30	149,300	14' 3-3/8"	9' 3-1/8"	10' 3-1/2"
UT Addition		300	300	150			1' 9"	1' 9"	

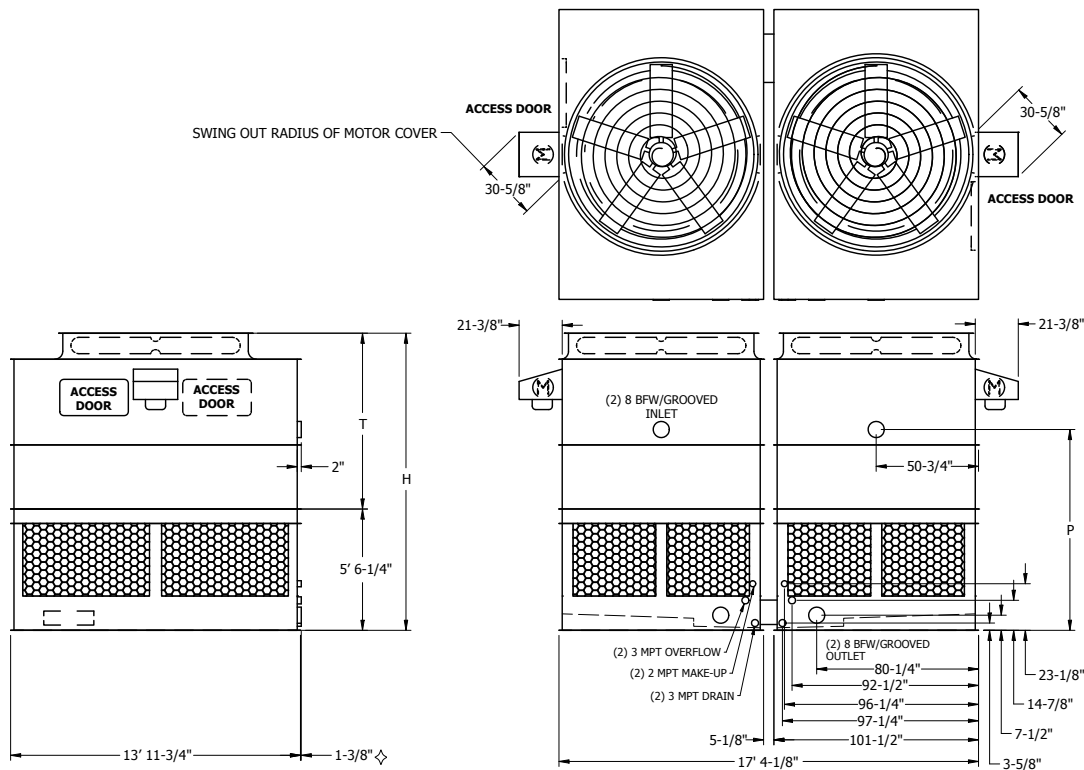
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

♦ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

♦ Heaviest section is upper section.

Models: AT/UT/USS 217-114 to 217-914

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [†]			H [†]	T [†]	P
AT-217-114	435	11,080	20,100	3,680	(2)7.5	112,300	12' 9-3/8"	7' 3-1/8"	8' 9-1/2"
AT-217-214U	490	11,900	20,920	4,090	(2)7.5	110,600	13' 9-3/8"	8' 3-1/8"	9' 9-1/2"
AT-217-214L	551	11,960	20,980	4,120	(2)10	121,100	13' 9-3/8"	8' 3-1/8"	9' 9-1/2"
AT-217-214	621	12,120	21,140	4,200	(2)15	137,700	13' 9-3/8"	8' 3-1/8"	9' 9-1/2"
AT-217-314E	494	11,140	20,160	3,710	(2)10	123,000	12' 9-3/8"	7' 3-1/8"	8' 9-1/2"
AT-217-314U	551	11,300	20,320	3,790	(2)15	140,200	12' 9-3/8"	7' 3-1/8"	8' 9-1/2"
AT-217-314L	608	11,380	20,400	3,830	(2)20	153,600	12' 9-3/8"	7' 3-1/8"	8' 9-1/2"
AT-217-314	664	11,420	20,440	3,850	(2)25	164,700	12' 9-3/8"	7' 3-1/8"	8' 9-1/2"
AT-217-414	685	12,200	21,220	4,240	(2)20	150,600	13' 9-3/8"	8' 3-1/8"	9' 9-1/2"
AT-217-514E	525	12,800	21,820	4,540	(2)7.5	108,800	14' 9-3/8"	9' 3-1/8"	10' 9-1/2"
AT-217-514U	581	12,860	21,880	4,570	(2)10	119,100	14' 9-3/8"	9' 3-1/8"	10' 9-1/2"
AT-217-514L	649	13,020	22,040	4,650	(2)15	135,500	14' 9-3/8"	9' 3-1/8"	10' 9-1/2"
AT-217-514	714	13,100	22,120	4,690	(2)20	148,300	14' 9-3/8"	9' 3-1/8"	10' 9-1/2"
AT-217-614	744	12,240	21,260	4,260	(2)25	161,500	13' 9-3/8"	8' 3-1/8"	9' 9-1/2"
AT-217-714	773	13,140	22,160	4,710	(2)25	158,900	14' 9-3/8"	9' 3-1/8"	10' 9-1/2"
AT-217-814	787	12,280	21,300	4,280	(2)30	171,100	13' 9-3/8"	8' 3-1/8"	9' 9-1/2"
AT-217-914	815	13,180	22,200	4,730	(2)30	168,200	14' 9-3/8"	9' 3-1/8"	10' 9-1/2"
UT Addition		300	300	150			1' 9"	1' 9"	

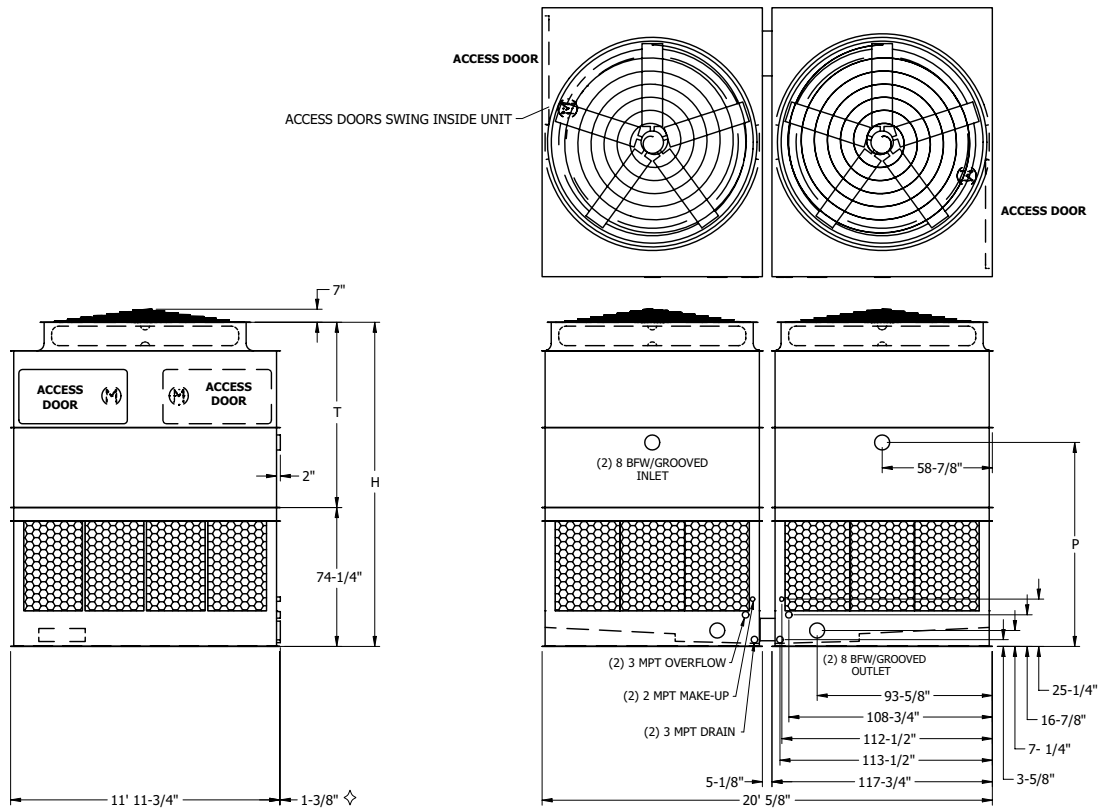
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 220-112 to 220-912

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-220-112L	529	14,000	25,080	4,750	(2)10	126,700	15' 5-1/4"	9' 3"	10' 1"
AT-220-112	618	14,000	25,080	4,750	(2)15	143,900	15' 5-1/4"	9' 3"	10' 1"
AT-220-212E	455	12,900	23,980	4,200	(2)10	128,800	14' 5-1/4"	8' 3"	9' 1"
AT-220-212U	553	13,040	24,120	4,270	(2)15	146,300	14' 5-1/4"	8' 3"	9' 1"
AT-220-212L	611	13,140	24,220	4,320	(2)20	160,300	14' 5-1/4"	8' 3"	9' 1"
AT-220-212	651	13,240	24,320	4,370	(2)25	172,300	14' 5-1/4"	8' 3"	9' 1"
AT-220-312	676	14,100	25,180	4,800	(2)20	157,400	15' 5-1/4"	9' 3"	10' 1"
AT-220-412	684	13,440	24,520	4,470	(2)30	182,600	14' 5-1/4"	8' 3"	9' 1"
AT-220-512	722	14,200	25,280	4,850	(2)25	169,100	15' 5-1/4"	9' 3"	10' 1"
AT-220-612E	555	14,700	25,780	5,100	(2)10	124,700	16' 5-1/4"	10' 3"	11' 1"
AT-220-612U	644	14,840	25,920	5,170	(2)15	141,600	16' 5-1/4"	10' 3"	11' 1"
AT-220-612L	701	14,940	26,020	5,220	(2)20	155,000	16' 5-1/4"	10' 3"	11' 1"
AT-220-612	746	15,040	26,120	5,270	(2)25	166,300	16' 5-1/4"	10' 3"	11' 1"
AT-220-712	760	14,400	25,480	4,950	(2)30	179,000	15' 5-1/4"	9' 3"	10' 1"
AT-220-812	785	15,240	26,320	5,370	(2)30	176,300	16' 5-1/4"	10' 3"	11' 1"
AT-220-912	820	15,740	26,820	5,620	(2)35	185,000	16' 5-1/4"	10' 3"	11' 1"
UT Addition		1,400	1,400	700			1' 9-1/2"	1' 9-1/2"	

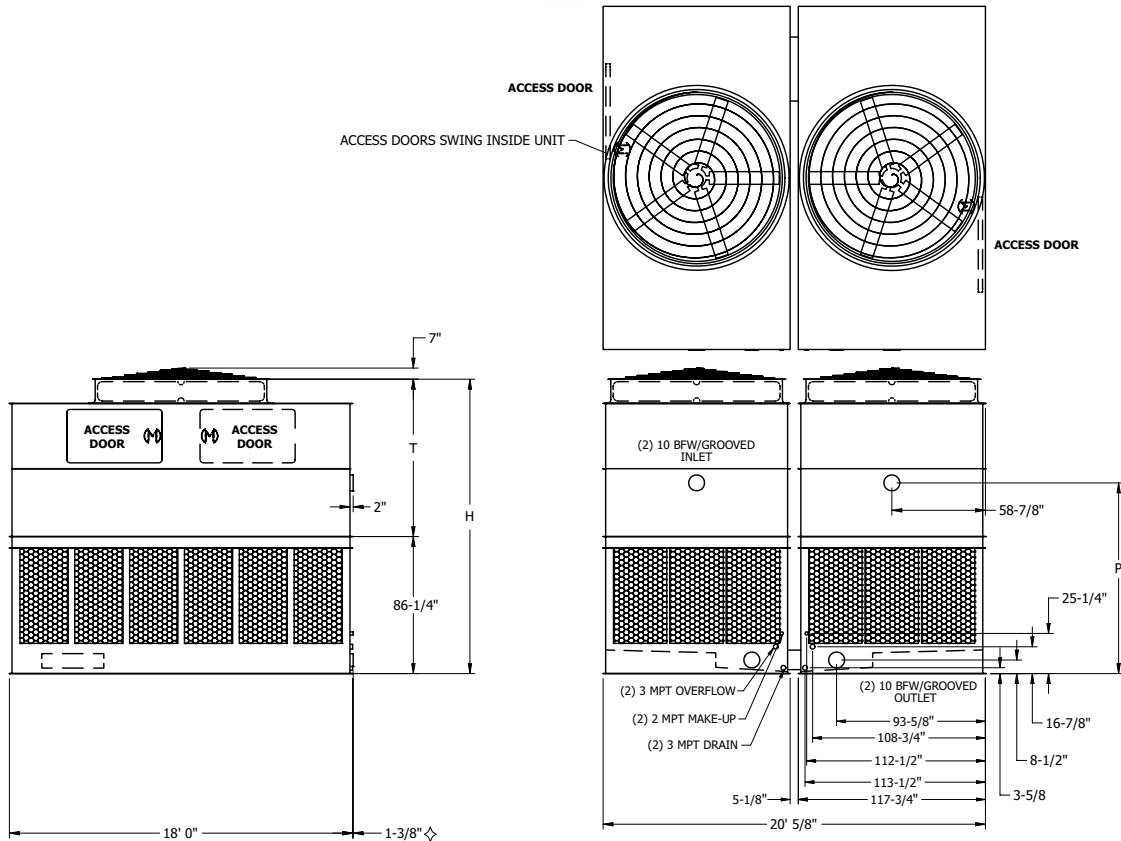
NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 220-118 to 220-918

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section♦			H†	T†	P
AT-220-118U	580	17,820	34,630	5,640	(2)10	171,200	15' 5-1/4"	8' 3"	10' 0"
AT-220-118L	701	17,960	34,770	5,710	(2)15	194,700	15' 5-1/4"	8' 3"	10' 0"
AT-220-118	779	18,060	34,870	5,760	(2)20	213,600	15' 5-1/4"	8' 3"	10' 0"
AT-220-218L	727	20,600	37,410	7,030	(2)10	165,700	17' 5-1/4"	10' 3"	12' 0"
AT-220-218	839	20,600	37,410	7,030	(2)15	188,600	17' 5-1/4"	10' 3"	12' 0"
AT-220-318U	667	19,200	36,010	6,330	(2)10	168,600	16' 5-1/4"	9' 3"	11' 0"
AT-220-318L	790	19,340	36,150	6,400	(2)15	191,700	16' 5-1/4"	9' 3"	11' 0"
AT-220-318	873	19,440	36,250	6,450	(2)20	210,000	16' 5-1/4"	9' 3"	11' 0"
AT-220-418L	840	18,160	34,970	5,810	(2)25	229,100	15' 5-1/4"	8' 3"	10' 0"
AT-220-418	890	18,360	35,170	5,910	(2)30	243,000	15' 5-1/4"	8' 3"	10' 0"
AT-220-518	941	19,540	36,350	6,500	(2)25	225,200	16' 5-1/4"	9' 3"	11' 0"
AT-220-618	997	19,740	36,550	6,600	(2)30	238,600	16' 5-1/4"	9' 3"	11' 0"
AT-220-718U	921	20,700	37,510	7,080	(2)20	206,500	17' 5-1/4"	10' 3"	12' 0"
AT-220-718L	987	20,800	37,610	7,130	(2)25	221,600	17' 5-1/4"	10' 3"	12' 0"
AT-220-718	1,044	21,000	37,810	7,230	(2)30	234,800	17' 5-1/4"	10' 3"	12' 0"
AT-220-818	1,093	20,240	37,050	6,850	(2)40	261,000	16' 5-1/4"	9' 3"	11' 0"
AT-220-918	1,140	21,500	38,310	7,480	(2)40	256,800	17' 5-1/4"	10' 3"	12' 0"
UT Addition		1,400	1,400	700			1' 9-1/2"	1' 9-1/2"	

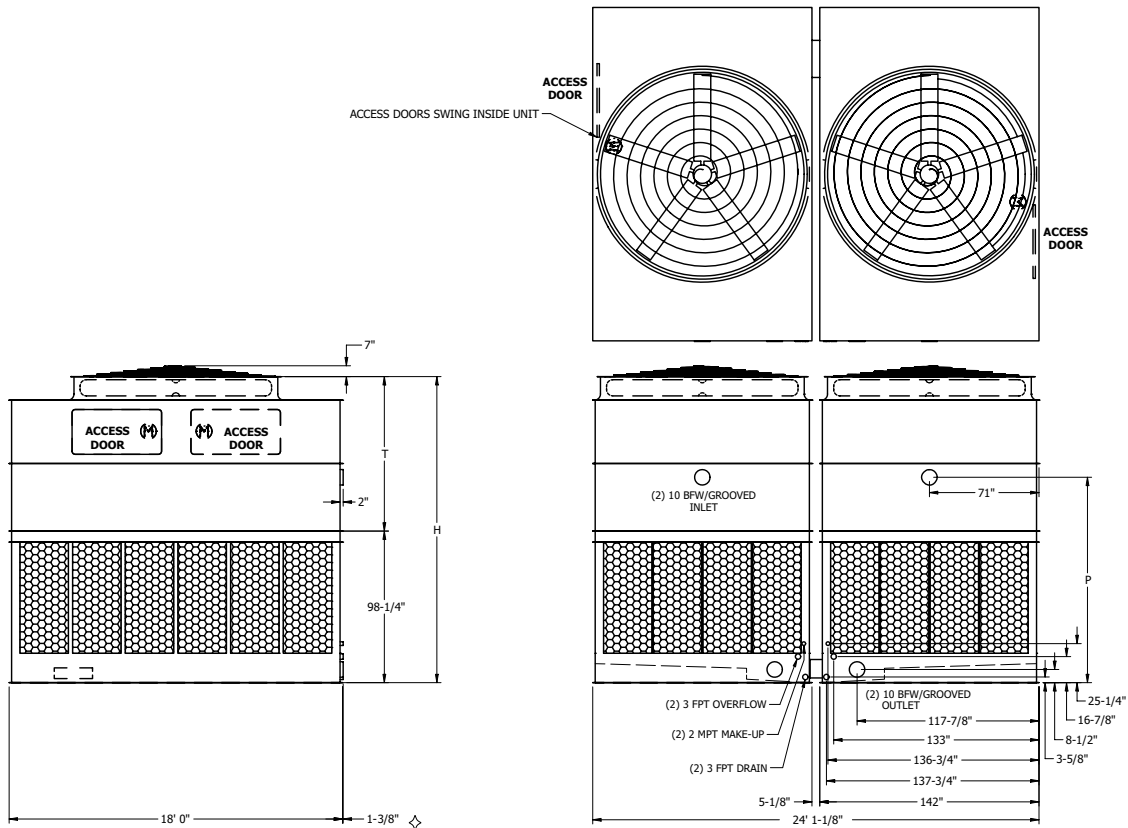
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

♦ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

♦ Heaviest section is upper section.

Models: AT/UT/USS 224-018 to 224-918

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-224-018U	877	20,840	39,380	6,700	(2)15	219,400	16' 6-1/4"	8' 4"	11' 1"
AT-224-018L	994	20,960	39,500	6,760	(2)20	240,300	16' 6-1/4"	8' 4"	11' 1"
AT-224-018	1,051	21,060	39,600	6,810	(2)25	258,200	16' 6-1/4"	8' 4"	11' 1"
AT-224-118	1,107	21,280	39,820	6,920	(2)30	274,000	16' 6-1/4"	8' 4"	11' 1"
AT-224-218U	977	22,400	40,940	7,480	(2)15	216,100	17' 6-1/4"	9' 4"	12' 1"
AT-224-218L	1,092	22,520	41,060	7,540	(2)20	236,500	17' 6-1/4"	9' 4"	12' 1"
AT-224-218	1,161	22,620	41,160	7,590	(2)25	254,100	17' 6-1/4"	9' 4"	12' 1"
AT-224-318	1,219	21,800	40,340	7,180	(2)40	300,100	16' 6-1/4"	8' 4"	11' 1"
AT-224-418	1,227	22,840	41,380	7,700	(2)30	268,800	17' 6-1/4"	9' 4"	12' 1"
AT-224-518E	1,035	23,880	42,420	8,220	(2)15	212,500	18' 6-1/4"	10' 4"	13' 1"
AT-224-518U	1,145	24,000	42,540	8,280	(2)20	232,700	18' 6-1/4"	10' 4"	13' 1"
AT-224-518L	1,213	24,100	42,640	8,330	(2)25	249,800	18' 6-1/4"	10' 4"	13' 1"
AT-224-518	1,283	24,320	42,860	8,440	(2)30	264,800	18' 6-1/4"	10' 4"	13' 1"
AT-224-618	1,350	23,360	41,900	7,960	(2)40	294,400	17' 6-1/4"	9' 4"	12' 1"
AT-224-718	1,448	23,480	42,020	8,020	(2)50	315,900	17' 6-1/4"	9' 4"	12' 1"
AT-224-818L	1,409	24,840	43,380	8,700	(2)40	289,300	18' 6-1/4"	10' 4"	13' 1"
AT-224-818	1,513	24,960	43,500	8,760	(2)50	310,300	18' 6-1/4"	10' 4"	13' 1"
AT-224-918	1,570	25,180	43,720	8,870	(2)60	328,700	18' 6-1/4"	10' 4"	13' 1"
UT Addition		2,400	2,400	1,200			1' 3-1/2"	1' 3-1/2"	

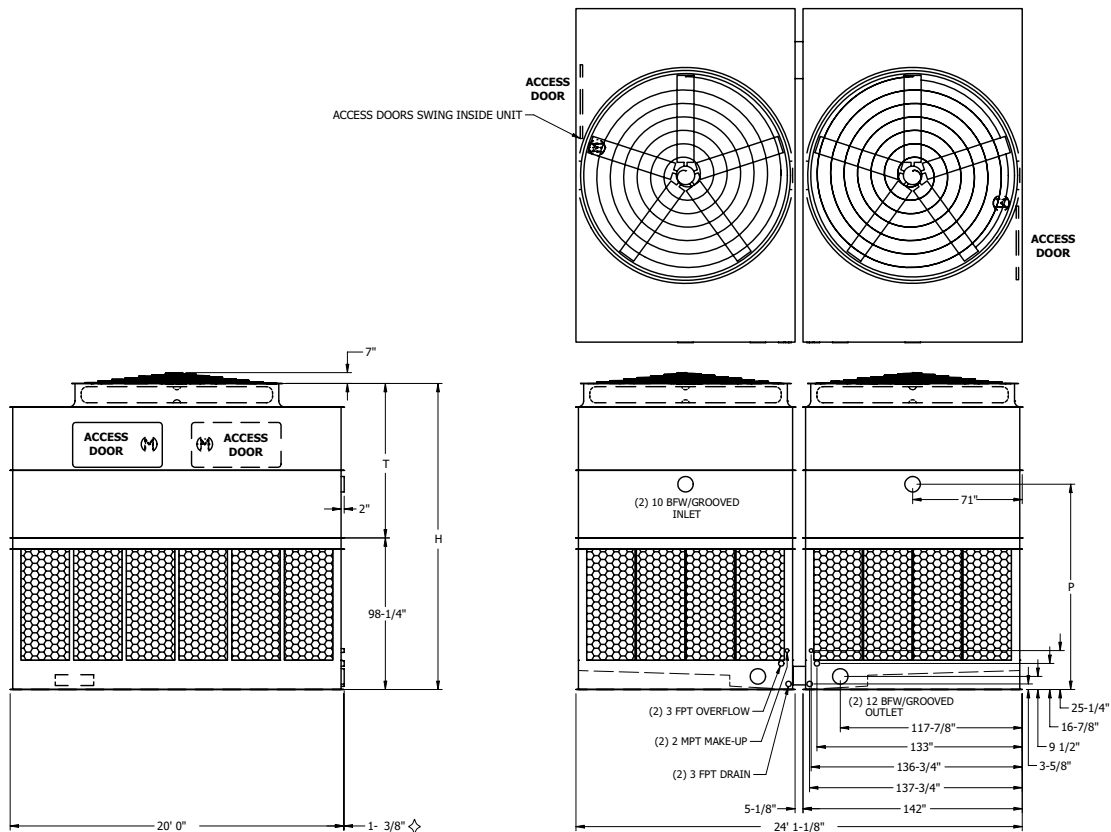
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 224-720 to 224-920

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	Weights (LBS)			Fan Motor (HP)	Air Flow (CFM)	Dimensions		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-224-120	893	22,300	43,100	7,210	(2)20	244,300	16' 6-1/4"	8' 4"	11' 1"
AT-224-220	986	22,400	43,200	7,260	(2)25	262,200	16' 6-1/4"	8' 4"	11' 1"
AT-224-320	1,061	22,620	43,420	7,370	(2)30	277,900	16' 6-1/4"	8' 4"	11' 1"
AT-224-420L	1,220	23,140	43,940	7,630	(2)40	304,000	16' 6-1/4"	8' 4"	11' 1"
AT-224-420	1,324	23,260	44,060	7,690	(2)50	326,100	16' 6-1/4"	8' 4"	11' 1"
AT-224-520L	1,046	23,760	44,560	7,940	(2)20	240,300	17' 6-1/4"	9' 4"	12' 1"
AT-224-520	1,142	23,860	44,660	7,990	(2)25	257,800	17' 6-1/4"	9' 4"	12' 1"
AT-224-620U	1,219	24,080	44,880	8,100	(2)30	272,900	17' 6-1/4"	9' 4"	12' 1"
AT-224-620L	1,366	24,600	45,400	8,360	(2)40	298,300	17' 6-1/4"	9' 4"	12' 1"
AT-224-620	1,482	24,720	45,520	8,420	(2)50	319,800	17' 6-1/4"	9' 4"	12' 1"
AT-224-720E	1,119	25,560	46,360	8,840	(2)20	236,300	18' 6-1/4"	10' 4"	13' 1"
AT-224-720U	1,210	25,660	46,460	8,890	(2)25	253,500	18' 6-1/4"	10' 4"	13' 1"
AT-224-720L	1,284	25,880	46,680	9,000	(2)30	268,500	18' 6-1/4"	10' 4"	13' 1"
AT-224-720	1,428	26,400	47,200	9,260	(2)40	293,700	18' 6-1/4"	10' 4"	13' 1"
AT-224-820	1,545	26,520	47,320	9,320	(2)50	314,700	18' 6-1/4"	10' 4"	13' 1"
AT-224-920	1,603	26,740	47,540	9,430	(2)60	333,500	18' 6-1/4"	10' 4"	13' 1"
UT Addition		2,400	2,400	1,200			1' 3-1/2"	1' 3-1/2"	

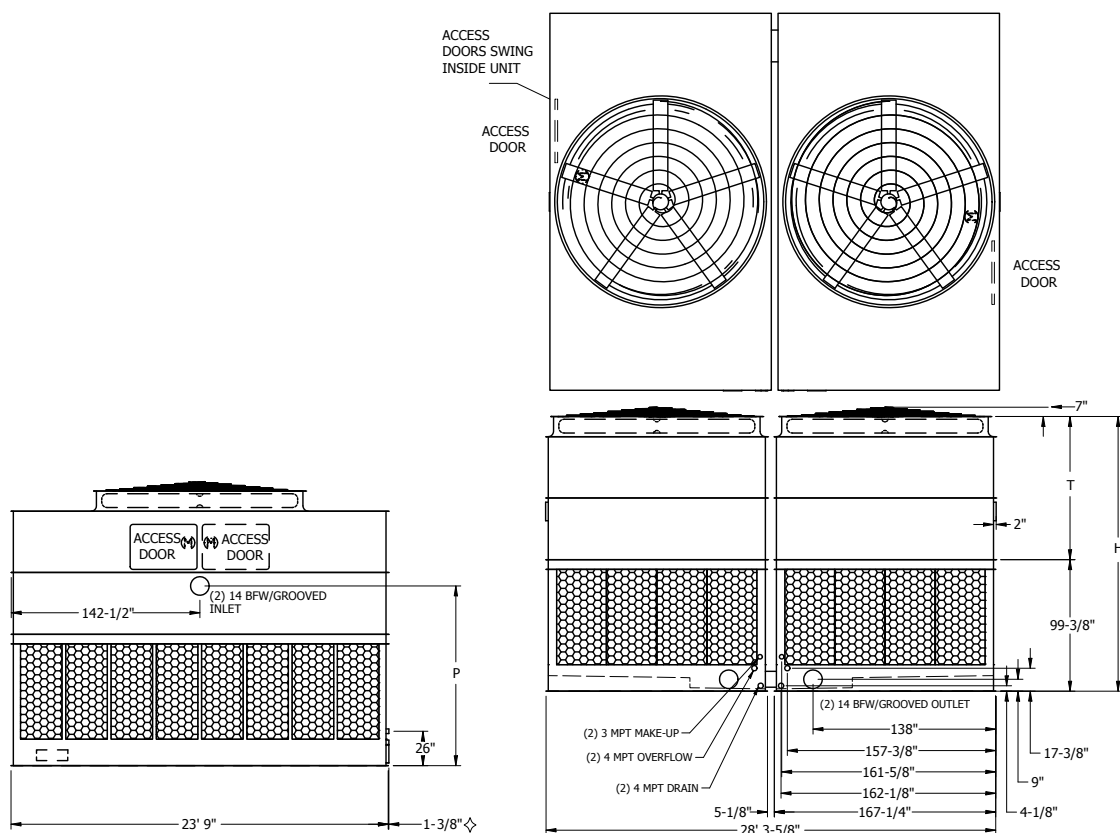
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 228-0124 to 228-1024

Two-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-228-0124E	1,198	32,320	64,020	10,600	(2)20	312,300	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-228-0124U	1,329	32,420	64,120	10,650	(2)25	335,200	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-228-0124L	1,402	32,460	64,160	10,670	(2)30	355,000	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-228-0124	1,520	32,760	64,460	10,820	(2)40	389,400	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-228-0224	1,633	33,460	65,160	11,170	(2)50	418,200	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-228-0324L	1,508	36,480	68,180	12,680	(2)20	300,300	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-228-0324	1,630	36,580	68,280	12,730	(2)25	322,200	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-228-0424	1,706	36,620	68,320	12,750	(2)30	342,300	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-228-0524E	1,376	34,400	66,100	11,640	(2)20	307,600	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-228-0524U	1,510	34,500	66,200	11,690	(2)25	330,000	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-228-0524L	1,582	34,540	66,240	11,710	(2)30	349,300	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-228-0524	1,740	34,840	66,540	11,860	(2)40	382,400	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-228-0624	1,855	35,540	67,240	12,210	(2)50	410,500	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-228-0724	1,969	35,880	67,580	12,380	(2)60	434,800	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-228-0824U	1,853	37,920	68,620	12,900	(2)40	376,600	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-228-0824L	1,952	37,620	69,320	13,250	(2)50	404,400	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-228-0824	2,067	37,960	69,660	13,420	(2)60	427,800	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-228-0924	2,221	38,440	70,140	13,660	(2)75	468,800	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-228-1024*	2,350	39,320	71,020	14,100	(2)100	502,600	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
UT Addition		2,500	2,500	1,250			1' 1-1/2"	1' 1-1/2"	

NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

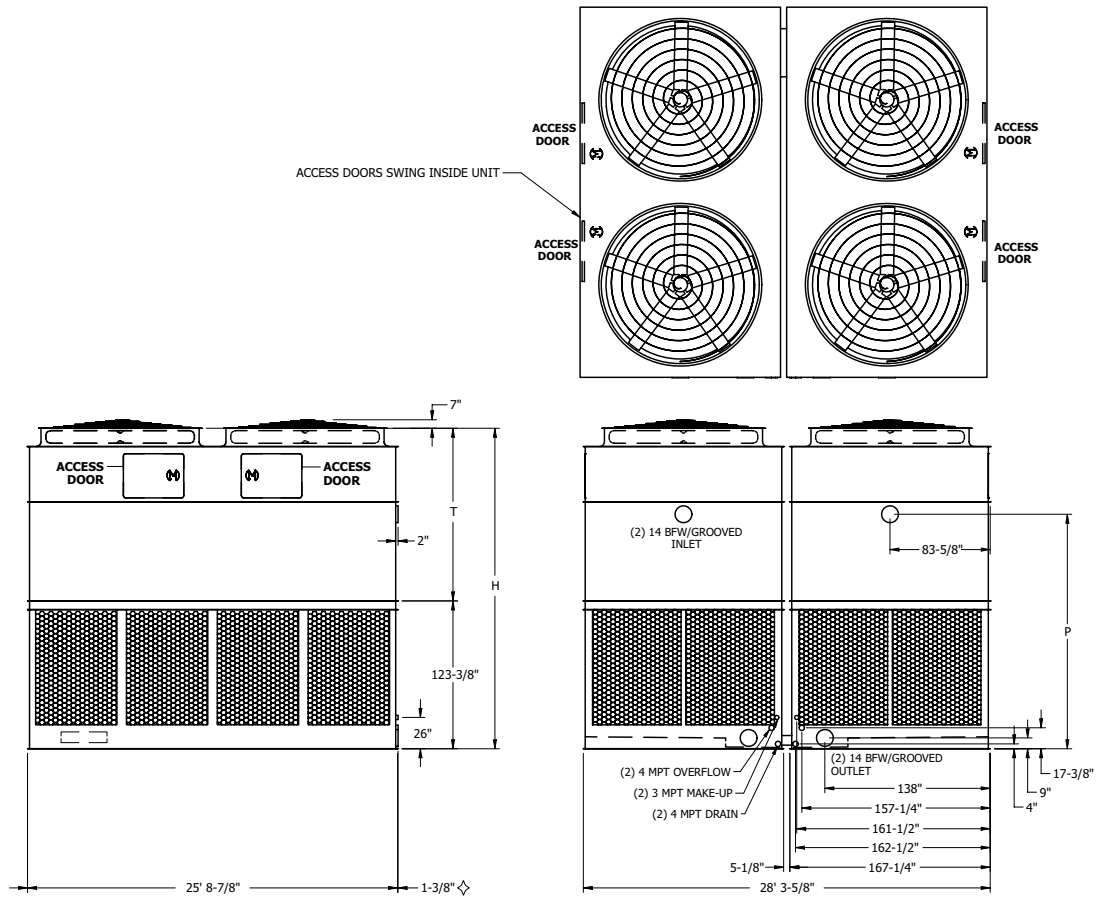
◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

* Model available with gear drive only. Motors and access doors located on 28'3-5/8" unit end. Super Low Sound Fan is not available on this unit.

Models: AT/UT/USS 228-526 to 228-926

Two-Cell Cooling Towers



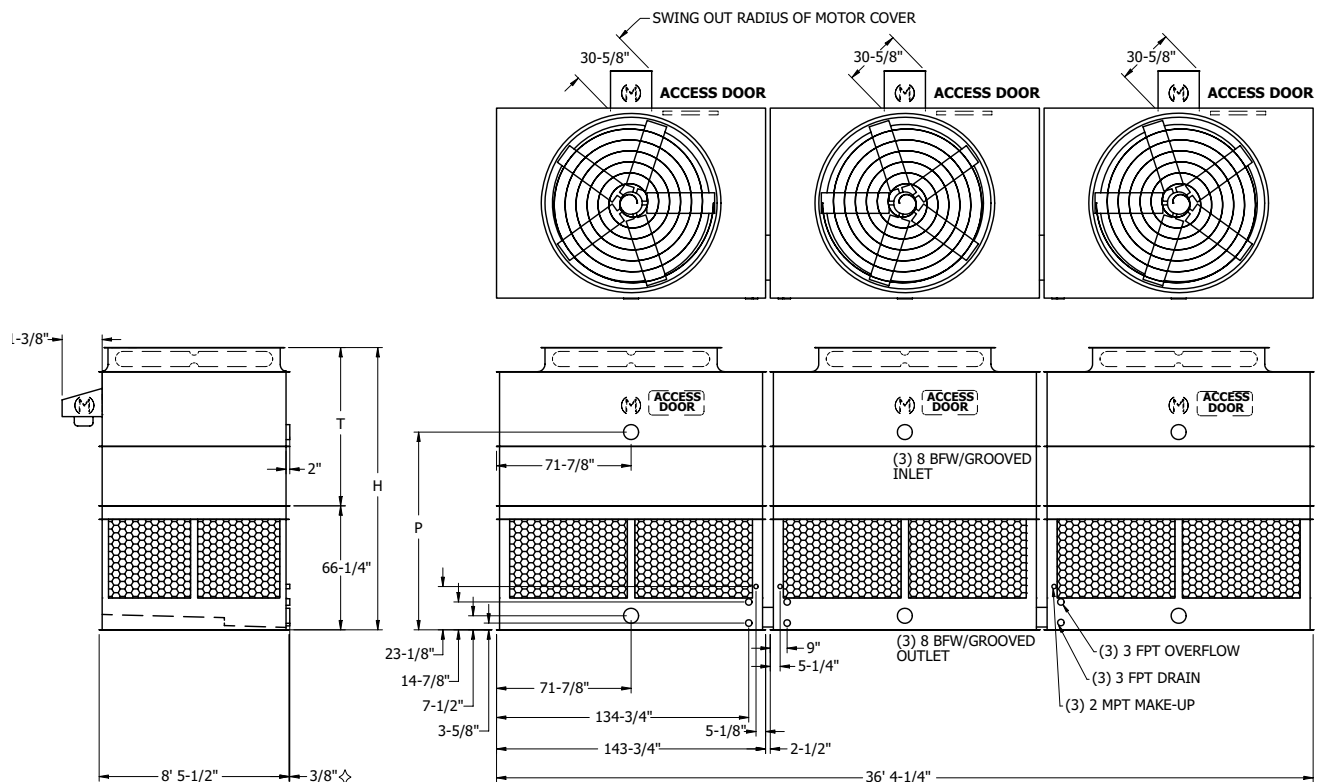
Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-228-526	1,963	48,940	82,600	17,660	(4)20	392,000	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-228-626	2,111	49,060	82,720	17,720	(4)25	420,400	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-228-726	2,236	49,260	82,920	17,820	(4)30	445,100	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-228-826	2,443	49,900	83,560	18,140	(4)40	486,800	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-228-926	2,613	49,940	83,600	18,160	(4)50	521,700	22' 3-1/2"	12' 1/8"	16' 3-3/4"
UT Addition		✱	4,800	✱			1' 3-1/2"	1' 3-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

✧ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

✦ Heaviest section is upper section.
✱ Please consult the factory for additional information regarding shipping and section weight changes.

Three-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section↑			H†	T†	P
AT-39-136	725	17,550	29,130	4,180	(3)7.5	146,100	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-39-236	800	17,640	29,220	4,210	(3)10	159,900	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-39-336L	605	15,300	26,880	3,430	(3)7.5	150,900	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-39-336	686	15,390	26,970	3,460	(3)10	165,200	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-39-436	765	15,630	27,210	3,540	(3)15	188,200	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-39-536	843	15,750	27,330	3,580	(3)20	206,200	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-39-636U	682	16,380	27,960	3,790	(3)7.5	148,600	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-39-636L	763	16,470	28,050	3,820	(3)10	162,500	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-39-636	862	16,710	28,290	3,900	(3)15	184,900	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-39-736	951	16,830	28,410	3,940	(3)20	202,200	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-39-836	1,016	16,890	28,470	3,960	(3)25	217,100	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-39-936E	893	17,880	29,460	4,290	(3)15	181,900	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-39-936U	984	18,000	29,580	4,330	(3)20	198,900	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-39-936L	1,050	18,060	29,640	4,350	(3)25	213,200	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-39-936	1,082	18,120	29,700	4,370	(3)30	226,200	14' 6-3/4"	9' 1/2"	10' 9-1/2"
UT Addition		450	450	150			1' 9"	1' 9"	

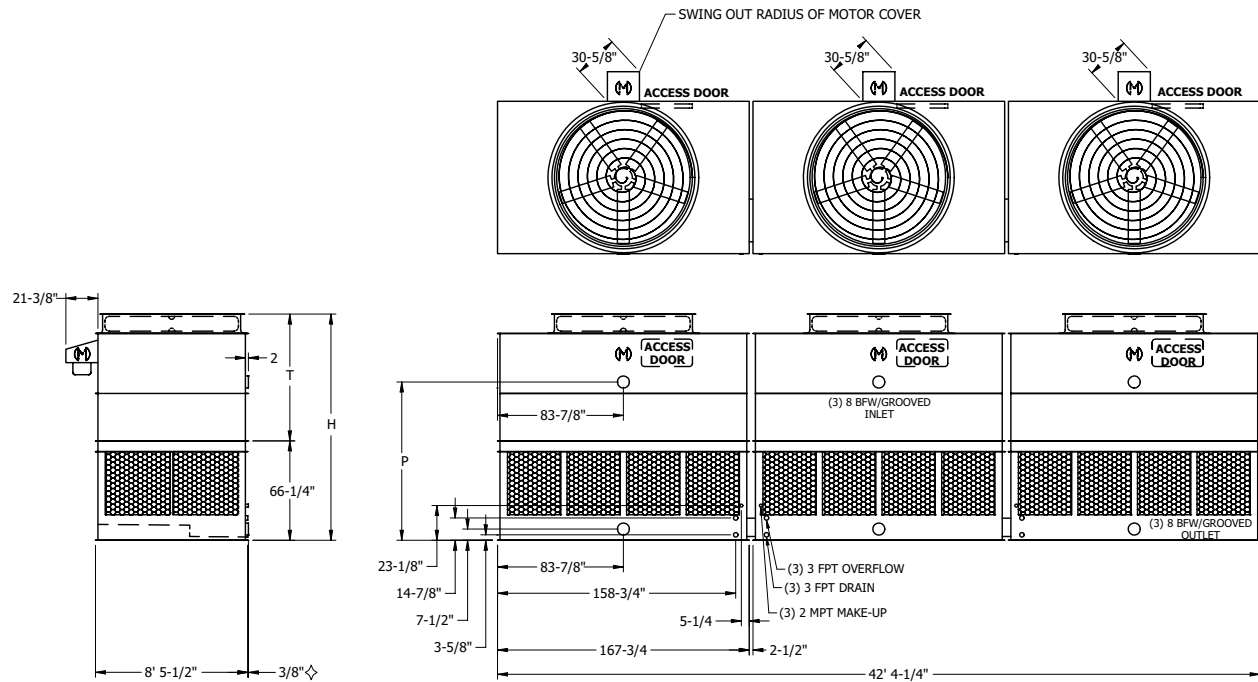
NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the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

✧ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 39-242 to 39-942

Three-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-39-142	748	17,910	31,440	4,090	(3)7.5	165,200	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-39-242L	664	16,680	30,210	3,680	(3)7.5	167,700	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-39-242	754	16,770	30,300	3,710	(3)10	183,700	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-39-342	840	17,010	30,540	3,790	(3)15	209,300	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-39-442L	799	19,260	32,790	4,540	(3)7.5	162,400	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-39-442	884	19,350	32,880	4,570	(3)10	177,900	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-39-542L	927	17,130	30,660	3,830	(3)20	229,300	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-39-542	1,011	17,190	30,720	3,850	(3)25	246,200	12' 6-3/4"	7' 1/2"	8' 9-1/2"
AT-39-642E	839	18,000	31,530	4,120	(3)10	180,800	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-39-642U	945	18,240	31,770	4,200	(3)15	205,600	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-39-642L	1,042	18,360	31,890	4,240	(3)20	224,900	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-39-642	1,130	18,420	31,950	4,260	(3)25	241,300	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-39-742U	986	19,590	33,120	4,650	(3)15	202,400	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-39-742L	1,084	19,710	33,240	4,690	(3)20	221,400	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-39-742	1,174	19,770	33,300	4,710	(3)25	237,400	14' 6-3/4"	9' 1/2"	10' 9-1/2"
AT-39-842	1,197	18,480	32,010	4,280	(3)30	255,700	13' 6-3/4"	8' 1/2"	9' 9-1/2"
AT-39-942	1,239	19,830	33,360	4,730	(3)30	251,200	14' 6-3/4"	9' 1/2"	10' 9-1/2"
UT Addition		450	450	150			1' 9"	1' 9"	

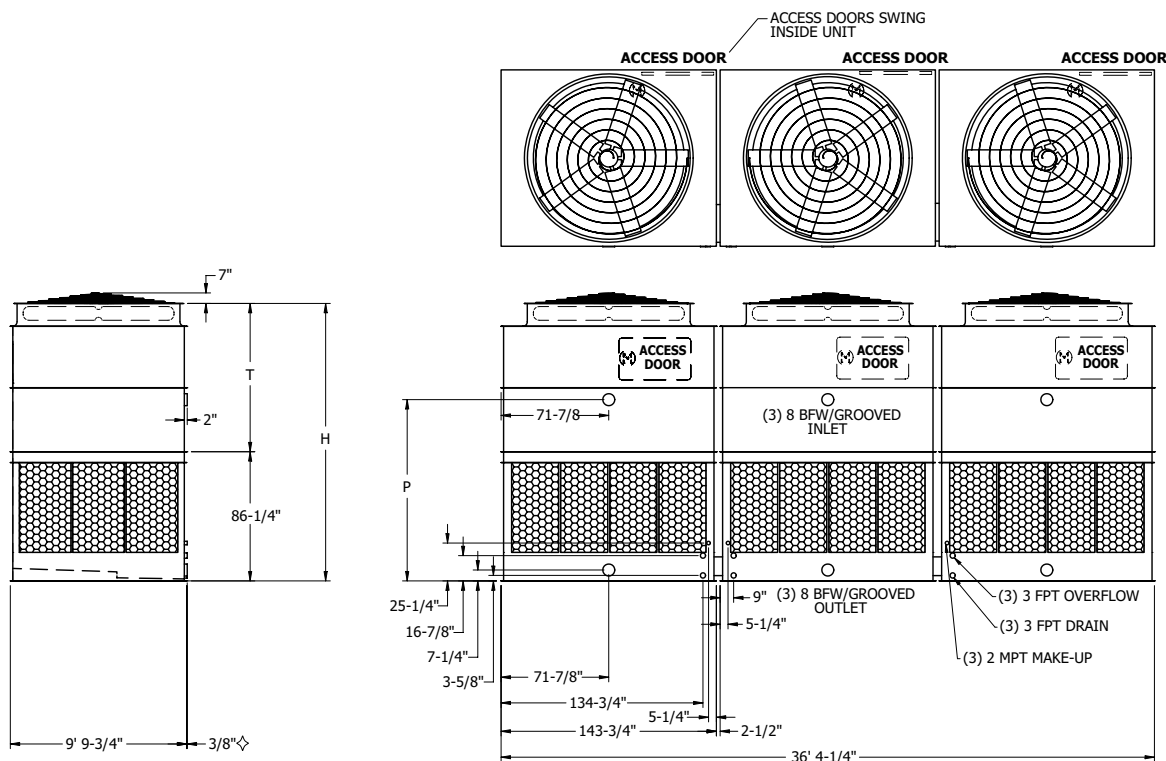
NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to the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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 310-136 to 310-936

Three-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-310-136L	782	21,030	37,650	4,750	(3)10	191,200	16' 5-1/4"	9' 3"	11' 1"
AT-310-136	914	21,030	37,650	4,750	(3)15	217,200	16' 5-1/4"	9' 3"	11' 1"
AT-310-236E	672	19,380	36,000	4,200	(3)10	194,400	15' 5-1/4"	8' 3"	10' 1"
AT-310-236U	817	19,590	36,210	4,270	(3)15	220,800	15' 5-1/4"	8' 3"	10' 1"
AT-310-236L	903	19,740	36,360	4,320	(3)20	242,000	15' 5-1/4"	8' 3"	10' 1"
AT-310-236	963	19,890	36,510	4,370	(3)25	260,000	15' 5-1/4"	8' 3"	10' 1"
AT-310-336	1,000	21,180	37,800	4,800	(3)20	237,700	16' 5-1/4"	9' 3"	11' 1"
AT-310-436	1,012	20,190	36,810	4,470	(3)30	275,700	15' 5-1/4"	8' 3"	10' 1"
AT-310-536	1,068	21,330	37,950	4,850	(3)25	255,100	16' 5-1/4"	9' 3"	11' 1"
AT-310-636E	821	22,080	38,700	5,100	(3)10	188,100	17' 5-1/4"	10' 3"	12' 1"
AT-310-636U	953	22,290	38,910	5,170	(3)15	213,700	17' 5-1/4"	10' 3"	12' 1"
AT-310-636L	1,038	22,440	39,060	5,220	(3)20	234,000	17' 5-1/4"	10' 3"	12' 1"
AT-310-636	1,106	22,590	39,210	5,270	(3)25	251,300	17' 5-1/4"	10' 3"	12' 1"
AT-310-736	1,126	21,630	38,250	4,950	(3)30	270,400	16' 5-1/4"	9' 3"	11' 1"
AT-310-836	1,164	22,890	39,510	5,370	(3)30	265,900	17' 5-1/4"	10' 3"	12' 1"
AT-310-936	1,216	23,640	40,260	5,620	(3)35	279,100	17' 5-1/4"	10' 3"	12' 1"
UT Addition		2,100	2,100	700			1' 9-1/2"	1' 9-1/2"	

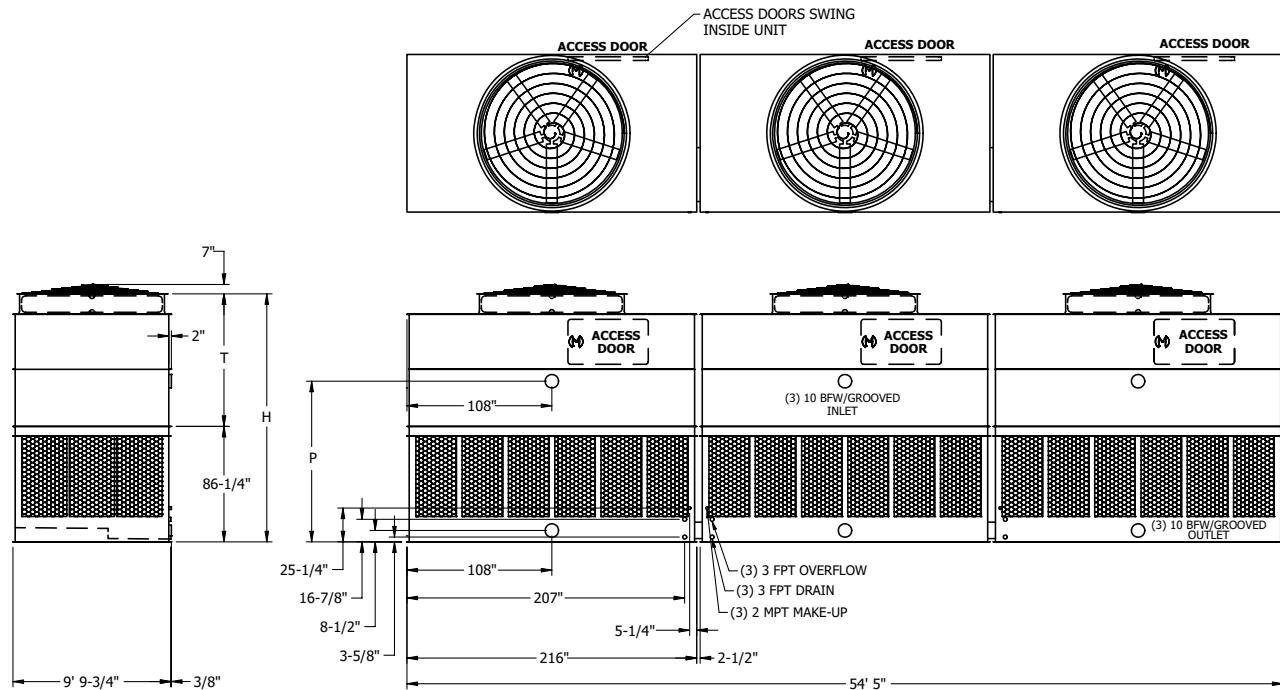
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 310-154 to 310-954

Three-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	Dimensions		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-310-154U	859	26,910	52,130	5,640	(3)10	258,300	15' 5-1/4"	8' 3"	10' 0"
AT-310-154L	1,040	27,120	52,340	5,710	(3)15	293,700	15' 5-1/4"	8' 3"	10' 0"
AT-310-154	1,154	27,270	52,490	5,760	(3)20	322,300	15' 5-1/4"	8' 3"	10' 0"
AT-310-254L	1,080	31,080	56,300	7,030	(3)10	250,100	17' 5-1/4"	10' 3"	12' 0"
AT-310-254	1,247	31,080	56,300	7,030	(3)15	284,600	17' 5-1/4"	10' 3"	12' 0"
AT-310-354U	988	28,980	54,200	6,330	(3)10	254,400	16' 5-1/4"	9' 3"	11' 0"
AT-310-354L	1,173	29,190	54,410	6,400	(3)15	289,300	16' 5-1/4"	9' 3"	11' 0"
AT-310-354	1,296	29,340	54,560	6,450	(3)20	317,000	16' 5-1/4"	9' 3"	11' 0"
AT-310-454L	1,246	27,420	52,640	5,810	(3)25	345,700	15' 5-1/4"	8' 3"	10' 0"
AT-310-454	1,320	27,720	52,940	5,910	(3)30	366,800	15' 5-1/4"	8' 3"	10' 0"
AT-310-554	1,398	29,490	54,710	6,500	(3)25	340,100	16' 5-1/4"	9' 3"	11' 0"
AT-310-654	1,481	29,790	55,010	6,600	(3)30	360,000	16' 5-1/4"	9' 3"	11' 0"
AT-310-754U	1,369	31,230	56,450	7,080	(3)20	311,600	17' 5-1/4"	10' 3"	12' 0"
AT-310-754L	1,467	31,380	56,600	7,130	(3)25	334,400	17' 5-1/4"	10' 3"	12' 0"
AT-310-754	1,552	31,680	56,900	7,230	(3)30	354,300	17' 5-1/4"	10' 3"	12' 0"
AT-310-854	1,624	30,540	55,760	6,850	(3)40	394,100	16' 5-1/4"	9' 3"	11' 0"
AT-310-954	1,694	32,430	57,650	7,480	(3)40	387,800	17' 5-1/4"	10' 3"	12' 0"
UT Addition		2,100	2,100	700			1' 9-1/2"	1' 9-1/2"	

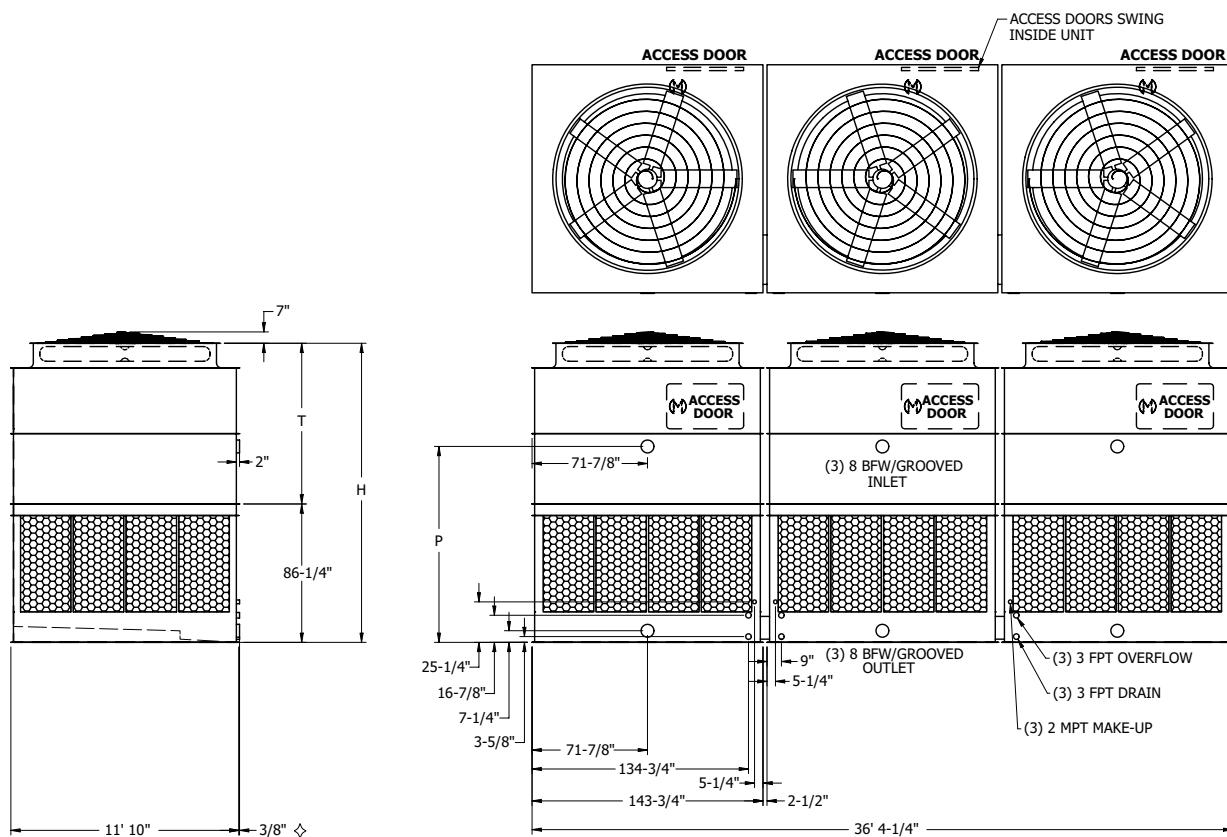
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 312-036 to 312-936

Three-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [♦]			H [†]	T [†]	P
AT-312-036U	851	21,900	40,530	4,930	(3)10	216,800	15' 6-1/4"	8' 4"	10' 2"
AT 312-036L	1,014	22,110	40,740	5,000	(3)15	246,400	15' 6-1/4"	8' 4"	10' 2"
AT 312-036	1,106	22,260	40,890	5,050	(3)20	270,400	15' 6-1/4"	8' 4"	10' 2"
AT 312-136L	960	23,520	42,150	5,470	(3)10	213,500	16' 6-1/4"	9' 4"	11' 2"
AT 312-136	1,122	23,730	42,360	5,540	(3)15	242,600	16' 6-1/4"	9' 4"	11' 2"
AT 312-236	1,187	22,410	41,040	5,100	(3)25	290,000	15' 6-1/4"	8' 4"	10' 2"
AT-312-236M	1,257	22,710	41,340	5,200	(3)30	307,200	15' 6-1/4"	8' 4"	10' 2"
AT 312-336	1,224	23,880	42,510	5,590	(3)20	265,500	16' 6-1/4"	9' 4"	11' 2"
AT-312-436U	1,021	24,990	43,620	5,960	(3)10	209,900	17' 6-1/4"	10' 4"	12' 2"
AT 312-436L	1,174	25,200	43,830	6,030	(3)15	238,500	17' 6-1/4"	10' 4"	12' 2"
AT 312-436	1,277	25,350	43,980	6,080	(3)20	261,400	17' 6-1/4"	10' 4"	12' 2"
AT 312-536	1,316	24,030	42,660	5,640	(3)25	284,700	16' 6-1/4"	9' 4"	11' 2"
AT 312-636	1,375	25,500	44,130	6,130	(3)25	280,100	17' 6-1/4"	10' 4"	12' 2"
AT 312-736	1,398	24,330	42,960	5,740	(3)30	301,300	16' 6-1/4"	9' 4"	11' 2"
AT 312-836	1,458	25,800	44,430	6,230	(3)30	296,400	17' 6-1/4"	10' 4"	12' 2"
AT 312-936	1,560	26,550	45,180	6,480	(3)40	324,500	17' 6-1/4"	10' 4"	12' 2"
UT Addition		2,100	2,100	700			1' 9-1/2"	1' 9-1/2"	

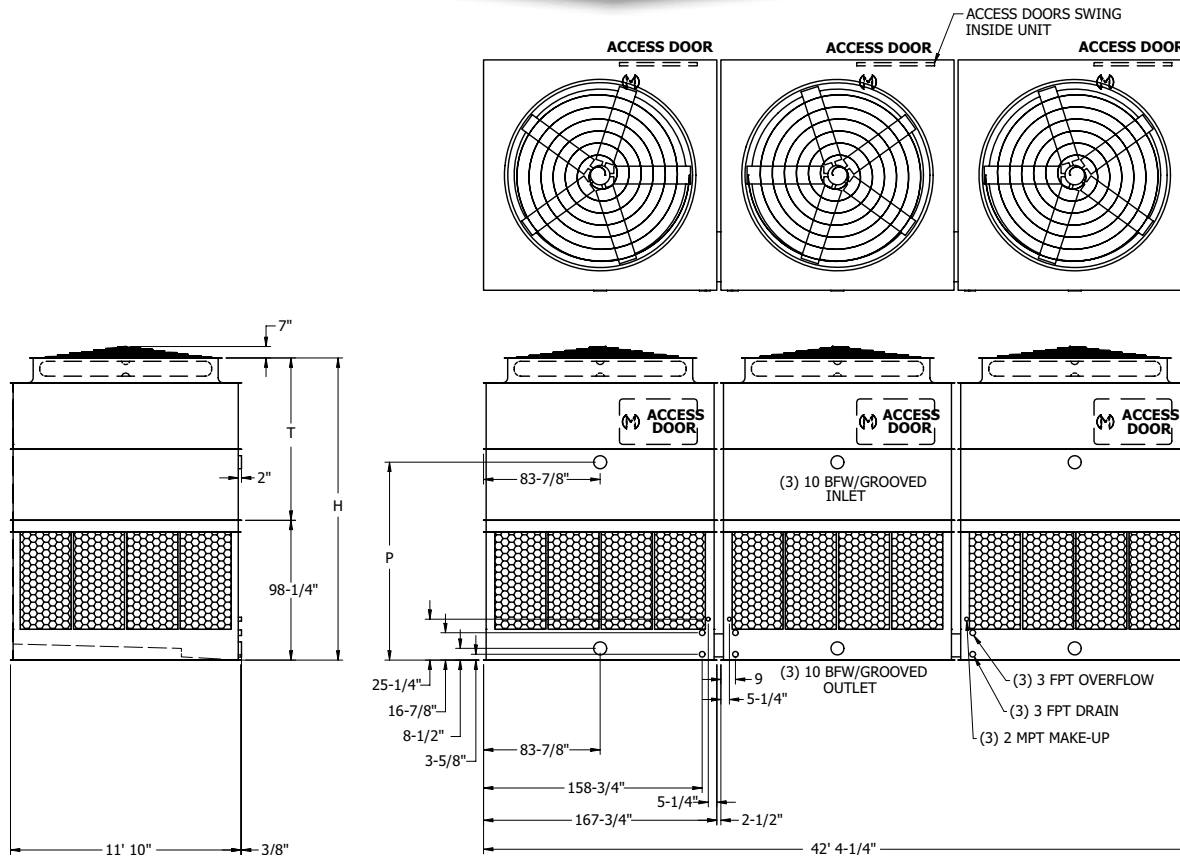
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

♦ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

♦ Heaviest section is upper section.

Models: AT/UT/USS 312-042 to 312-942

Three-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [♦]			H [†]	T [†]	P
AT-312-042L	1,045	26,580	48,570	6,020	(3)10	231,900	17' 6-1/4"	9' 4"	12' 1"
AT-312-042	1,229	26,790	48,780	6,090	(3)15	263,400	17' 6-1/4"	9' 4"	12' 1"
AT-312-142E	910	24,600	46,590	5,360	(3)10	235,500	16' 6-1/4"	8' 4"	11' 1"
AT-312-142U	1,091	24,810	46,800	5,430	(3)15	267,800	16' 6-1/4"	8' 4"	11' 1"
AT-312-142L	1,195	24,990	46,980	5,490	(3)20	293,600	16' 6-1/4"	8' 4"	11' 1"
AT-312-142	1,289	25,170	47,160	5,550	(3)25	315,200	16' 6-1/4"	8' 4"	11' 1"
AT-312-142M	1,366	25,380	47,370	5,620	(3)30	334,000	16' 6-1/4"	8' 4"	11' 1"
AT-312-242L	1,123	28,140	50,130	6,540	(3)10	227,900	18' 6-1/4"	10' 4"	13' 1"
AT-312-242	1,293	28,350	50,340	6,610	(3)15	259,100	18' 6-1/4"	10' 4"	13' 1"
AT-312-342	1,330	26,970	48,960	6,150	(3)20	288,500	17' 6-1/4"	9' 4"	12' 1"
AT-312-442	1,428	27,150	49,140	6,210	(3)25	309,500	17' 6-1/4"	9' 4"	12' 1"
AT-312-542L	1,395	28,530	50,520	6,670	(3)20	284,000	18' 6-1/4"	10' 4"	13' 1"
AT-312-542	1,495	28,710	50,700	6,730	(3)25	304,600	18' 6-1/4"	10' 4"	13' 1"
AT-312-642	1,519	27,360	49,350	6,280	(3)30	327,600	17' 6-1/4"	9' 4"	12' 1"
AT-312-742	1,589	28,920	50,910	6,800	(3)30	322,400	18' 6-1/4"	10' 4"	13' 1"
AT-312-842	1,662	28,140	50,130	6,540	(3)40	359,100	17' 6-1/4"	9' 4"	12' 1"
AT-312-942	1,738	29,700	51,690	7,060	(3)40	352,800	18' 6-1/4"	10' 4"	13' 1"
UT Addition		2,100	2,100	700			1' 9-1/2"	1' 9-1/2"	

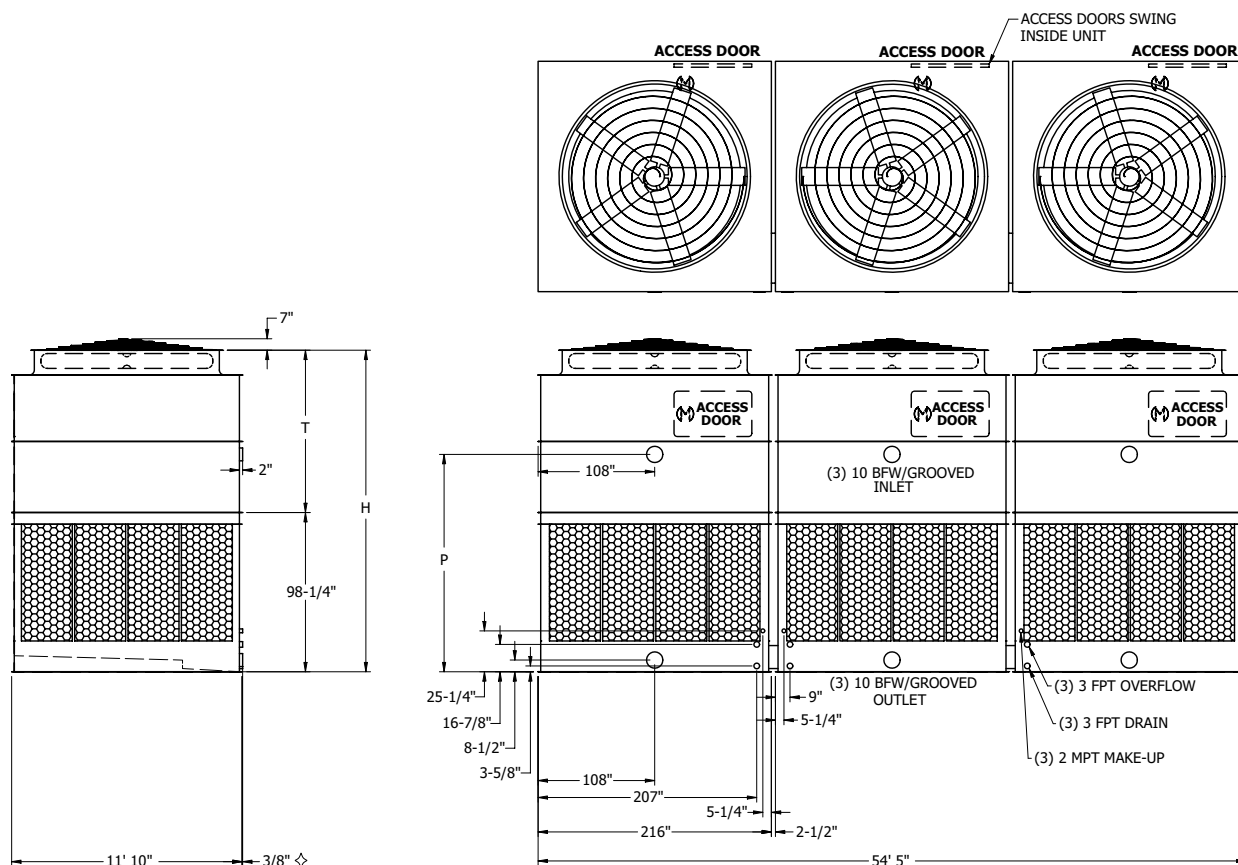
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

♦ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

♦ Heaviest section is upper section.

Models: AT/UT/USS 312-054 to 312-954

Three-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-312-054E	1,324	31,620	59,430	6,700	(3)15	330,500	16' 6-1/4"	8' 4"	11' 1"
AT-312-054U	1,499	31,800	59,610	6,760	(3)20	362,000	16' 6-1/4"	8' 4"	11' 1"
AT-312-054L	1,586	31,950	59,760	6,810	(3)25	389,000	16' 6-1/4"	8' 4"	11' 1"
AT-312-054	1,670	32,280	60,090	6,920	(3)30	412,300	16' 6-1/4"	8' 4"	11' 1"
AT-312-154U	1,473	33,960	61,770	7,480	(3)15	325,600	17' 6-1/4"	9' 4"	12' 1"
AT-312-154L	1,648	34,140	61,950	7,540	(3)20	356,200	17' 6-1/4"	9' 4"	12' 1"
AT-312-154	1,752	34,290	62,100	7,590	(3)25	382,300	17' 6-1/4"	9' 4"	12' 1"
AT-312-254	1,840	33,060	60,870	7,180	(3)40	451,700	16' 6-1/4"	8' 4"	11' 1"
AT-312-354	1,851	34,620	62,430	7,700	(3)30	405,300	17' 6-1/4"	9' 4"	12' 1"
AT-312-454E	1,560	36,180	63,990	8,220	(3)15	320,200	18' 6-1/4"	10' 4"	13' 1"
AT-312-454U	1,725	36,360	64,170	8,280	(3)20	350,500	18' 6-1/4"	10' 4"	13' 1"
AT-312-454L	1,828	36,510	64,320	8,330	(3)25	376,300	18' 6-1/4"	10' 4"	13' 1"
AT-312-454	1,935	36,840	64,650	8,440	(3)30	398,900	18' 6-1/4"	10' 4"	13' 1"
AT-312-554	2,036	35,400	63,210	7,960	(3)40	443,500	17' 6-1/4"	9' 4"	12' 1"
AT-312-654	2,124	37,620	65,430	8,700	(3)40	436,200	18' 6-1/4"	10' 4"	13' 1"
AT-312-754	2,182	35,580	63,390	8,020	(3)50	475,900	17' 6-1/4"	9' 4"	12' 1"
AT-312-854	2,281	37,800	65,610	8,760	(3)50	467,400	18' 6-1/4"	10' 4"	13' 1"
AT-312-954	2,367	38,130	65,940	8,870	(3)60	495,100	18' 6-1/4"	10' 4"	13' 1"
UT Addition		3,600	3,600	1,200			1' 3-1/2"	1' 3-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

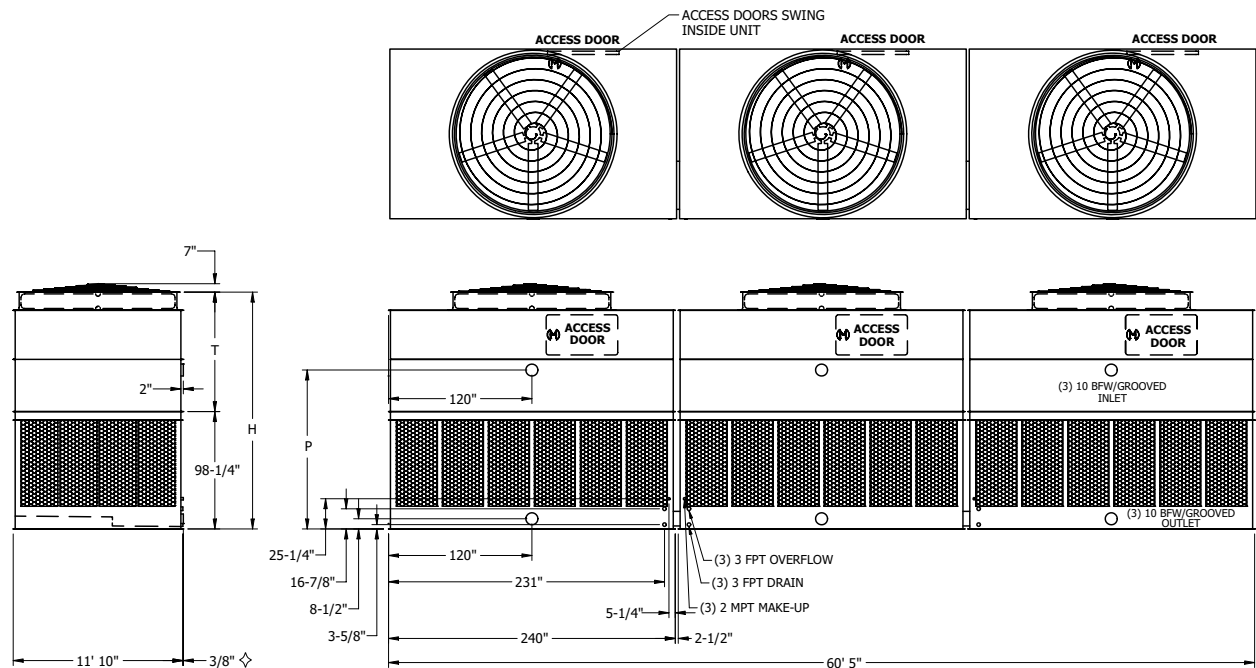
◇ Outlet connection extends beyond bottom flange.

◆ Heaviest section is upper section.

† Height includes fan guard which ships factory mounted.

Models: AT/UT/USS 312-260 to 312-960

Three-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [†]			H [†]	T [†]	P
AT-312-160	1,368	33,960	65,160	7,210	(3)20	369,800	16' 6-1/4"	8' 4"	11' 1"
AT-312-260L	1,600	36,150	67,350	7,940	(3)20	363,700	17' 6-1/4"	9' 4"	12' 1"
AT-312-260	1,745	36,300	67,500	7,990	(3)25	390,100	17' 6-1/4"	9' 4"	12' 1"
AT-312-360L	1,707	38,850	70,050	8,840	(3)20	357,600	18' 6-1/4"	10' 4"	13' 1"
AT-312-360	1,844	39,000	70,200	8,890	(3)25	383,700	18' 6-1/4"	10' 4"	13' 1"
AT-312-460E	1,508	34,110	65,310	7,260	(3)25	396,900	16' 6-1/4"	8' 4"	11' 1"
AT-312-460U	1,622	34,440	65,640	7,370	(3)30	420,600	16' 6-1/4"	8' 4"	11' 1"
AT-312-460L	1,865	35,220	66,420	7,630	(3)40	460,000	16' 6-1/4"	8' 4"	11' 1"
AT-312-460	2,023	35,400	66,600	7,690	(3)50	493,600	16' 6-1/4"	8' 4"	11' 1"
AT-312-560L	1,859	36,630	67,830	8,100	(3)30	413,000	17' 6-1/4"	9' 4"	12' 1"
AT-312-560	2,083	37,410	68,610	8,360	(3)40	451,400	17' 6-1/4"	9' 4"	12' 1"
AT-312-660L	1,955	39,330	70,530	9,000	(3)30	406,400	18' 6-1/4"	10' 4"	13' 1"
AT-312-660	2,174	40,110	71,310	9,260	(3)40	444,400	18' 6-1/4"	10' 4"	13' 1"
AT-312-760	2,260	37,590	68,790	8,420	(3)50	484,000	17' 6-1/4"	9' 4"	12' 1"
AT-312-860	2,352	40,290	71,490	9,320	(3)50	476,100	18' 6-1/4"	10' 4"	13' 1"
AT-312-960	2,440	40,620	71,820	9,430	(3)60	504,600	18' 6-1/4"	10' 4"	13' 1"
UT Addition		3,600	3,600	1,200			1' 3-1/2"	1' 3-1/2"	

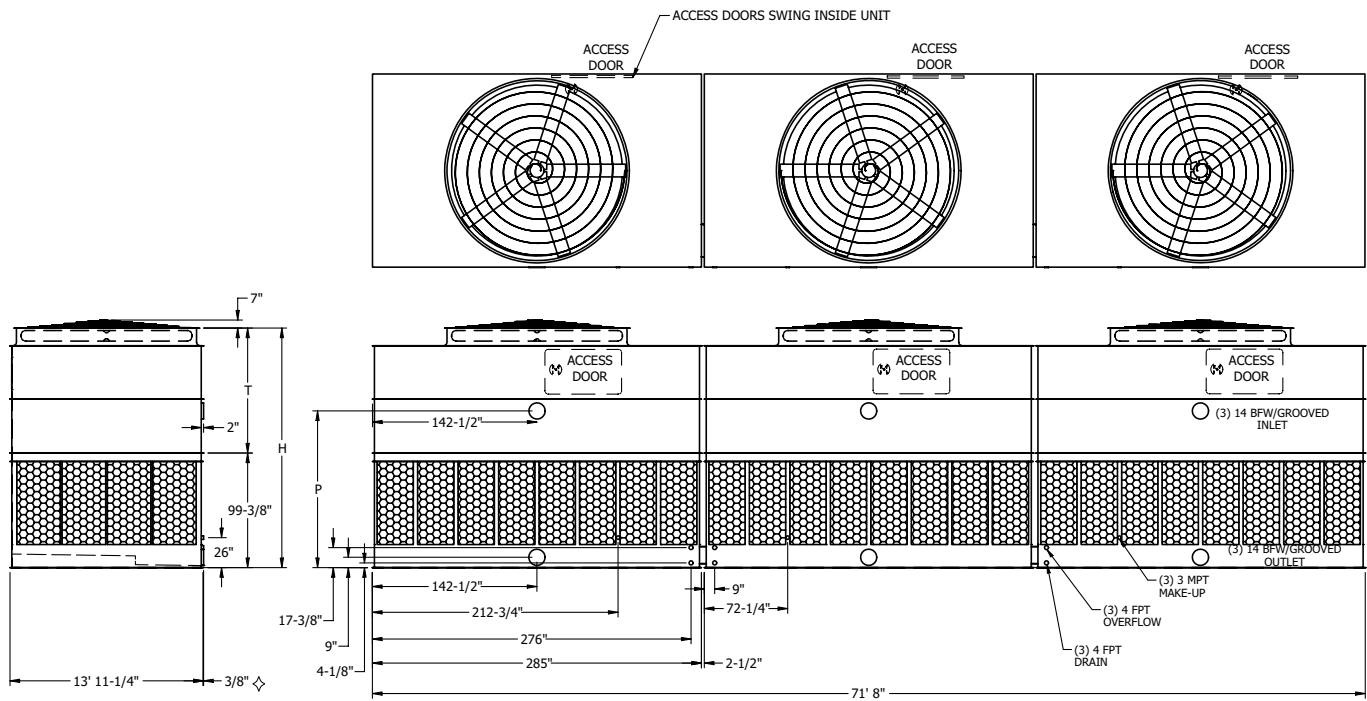
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 314-0172 to 314-1272

Three-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [†]			H [†]	T [†]	P
AT-314-0172U	1,789	53,340	100,890	10,600	(3)20	467,000	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-314-0172L	1,986	53,490	101,040	10,650	(3)25	499,900	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-314-0172	2,095	53,550	101,100	10,670	(3)30	530,100	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-314-0272	2,271	54,000	101,550	10,820	(3)40	580,900	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-314-0372	2,439	55,050	102,600	11,170	(3)50	624,200	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-314-0472L	2,255	59,580	107,130	12,680	(3)20	447,100	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-314-0472	2,437	59,730	107,280	12,730	(3)25	479,800	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-314-0572	2,551	59,790	107,340	12,750	(3)30	509,800	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-314-0672E	2,056	56,460	104,010	11,640	(3)20	460,000	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-314-0672U	2,257	56,610	104,160	11,690	(3)25	493,500	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-314-0672L	2,364	56,670	104,220	11,710	(3)30	521,300	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-314-0672	2,601	57,120	104,670	11,860	(3)40	570,700	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-314-0772	2,773	58,170	105,720	12,210	(3)50	613,000	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-314-0872	2,770	60,240	107,790	12,900	(3)40	561,200	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-314-0972	2,919	61,290	108,840	13,250	(3)50	602,700	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-314-1072	2,944	58,680	106,230	12,380	(3)60	648,600	18' 5-5/8"	10' 2-1/4"	13' 3-7/8"
AT-314-1172	3,091	61,800	109,350	13,420	(3)60	638,300	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-314-1272	3,322	62,520	110,070	13,660	(3)75	699,700	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
UT Addition		3,750	3,750	1,250			1' 1-1/2"	1' 1-1/2"	

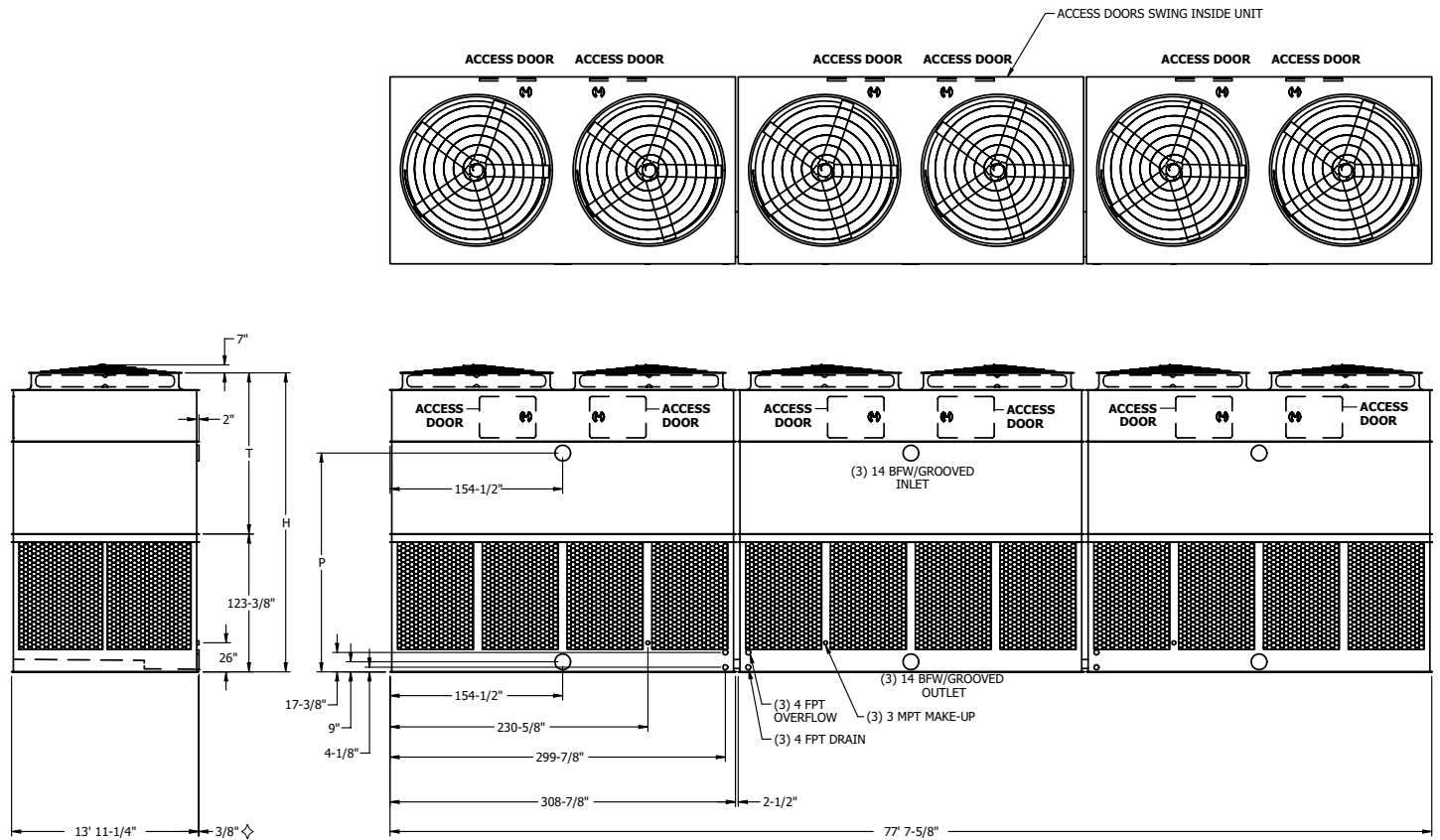
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.

Models: AT/UT/USS 314-578 to 314-978

Three-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-314-578	2,936	73,620	124,110	17,660	(6)20	586,300	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-314-678	3,157	73,800	124,290	17,720	(6)25	628,800	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-314-778	3,344	74,100	124,590	17,820	(6)30	665,700	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-314-878	3,655	75,060	125,550	18,140	(6)40	728,100	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-314-978	3,908	75,120	125,610	18,160	(6)50	780,300	22' 3-1/2"	12' 1/8"	16' 3-3/4"
UT Addition		✱	7,200	✱			1' 3-1/2"	1' 3-1/2"	

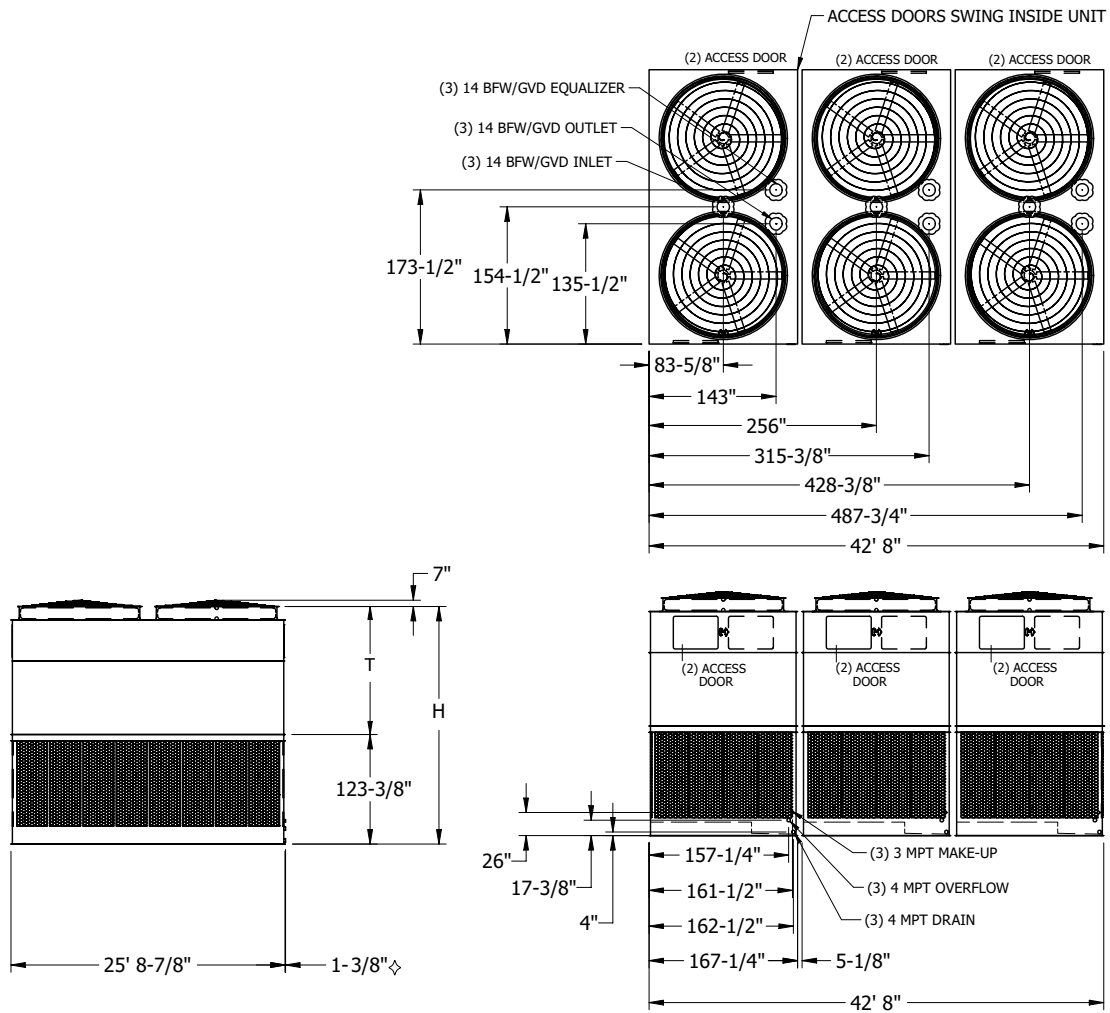
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

✱ Heaviest section is upper section.
 ✱ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 342-526 to 342-926

Three-Cell Cooling Towers



Model No.	Nominal Ton- nage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS	
		Shipping	Operating	Heaviest Section†			H†	T†
AT-342-526	2,882	73,410	123,900	17,660	(6)20	560,606	22' 3-1/2"	12' 1/8"
AT-342-626	3,100	73,590	124,080	17,720	(6)25	601,334	22' 3-1/2"	12' 1/8"
AT-342-726	3,286	73,890	124,380	17,820	(6)30	636,679	22' 3-1/2"	12' 1/8"
AT-342-826	3,593	74,850	125,340	18,140	(6)40	696,431	22' 3-1/2"	12' 1/8"
AT-342-926	3,844	74,910	125,400	18,160	(6)50	746,358	22' 3-1/2"	12' 1/8"
UT Addition		✱	7,200	✱			1' 3-1/2"	1' 3-1/2"

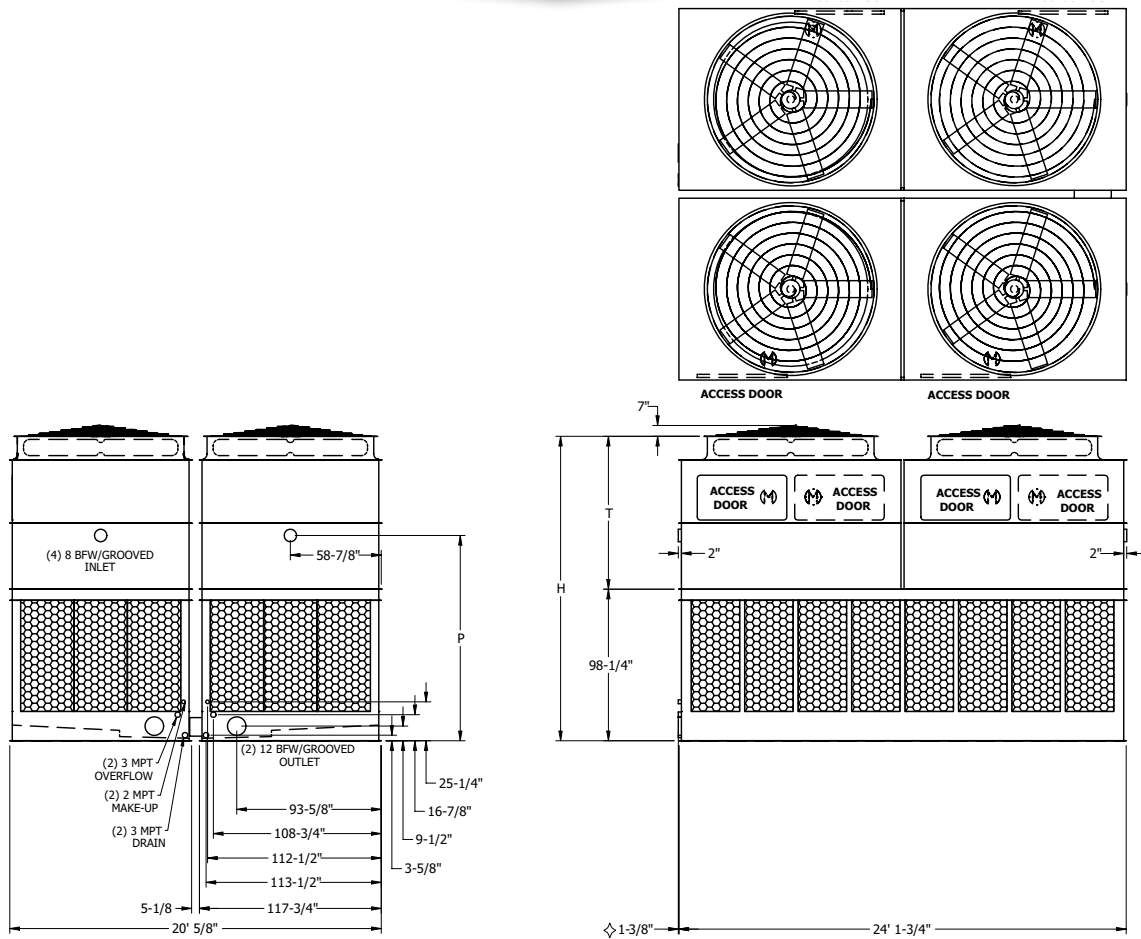
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

♦ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

✱ Heaviest section is upper section.
 ✱ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 420-124 to 420-924

Four-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-420-124L	1,051	27,420	49,560	U 4,680	(4)10	252,300	17' 5 1/4"	9' 3"	12' 1"
AT-420-124	1,229	27,700	49,840	U 4,750	(4)15	286,500	17' 5 1/4"	9' 3"	12' 1"
AT-420-224E	904	25,500	47,640	L 4,350	(4)10	256,500	16' 5 1/4"	9' 3"	11' 1"
AT-420-224U	1,098	25,780	47,920	L 4,350	(4)15	291,400	16' 5 1/4"	9' 3"	11' 1"
AT-420-224L	1,214	25,980	48,120	L 4,350	(4)20	319,200	16' 5 1/4"	9' 3"	11' 1"
AT-420-224	1,295	26,180	48,320	U 4,370	(4)25	343,000	16' 5 1/4"	9' 3"	11' 1"
AT-420-324	1,344	27,900	50,040	U 4,800	(4)20	313,600	17' 5 1/4"	8' 3"	12' 1"
AT-420-424	1,361	26,580	48,720	U 4,470	(4)30	363,600	16' 5 1/4"	9' 3"	11' 1"
AT-420-524	1,435	28,100	50,240	U 4,850	(4)25	336,500	17' 5 1/4"	8' 3"	12' 1"
AT-420-624E	1,103	29,100	51,240	U 5,100	(4)10	248,200	18' 5 1/4"	10' 3"	13' 1"
AT-420-624U	1,281	29,380	51,520	U 5,170	(4)15	281,900	18' 5 1/4"	10' 3"	13' 1"
AT-420-624L	1,394	29,580	51,720	U 5,250	(4)20	308,700	18' 5 1/4"	10' 3"	13' 1"
AT-420-624	1,485	29,780	51,920	U 5,270	(4)25	331,400	18' 5 1/4"	10' 3"	13' 1"
AT-420-724	1,513	28,500	50,640	U 4,950	(4)30	356,600	17' 5 1/4"	8' 3"	12' 1"
AT-420-824	1,563	30,180	52,320	U 5,370	(4)30	350,900	18' 5 1/4"	10' 3"	13' 1"
AT-420-924	1,632	31,180	53,320	U 5,620	(4)35	368,000	18' 5 1/4"	10' 3"	13' 1"
UT Addition		✱	2,800	✱			1' 9-1/2"	1' 9-1/2"	

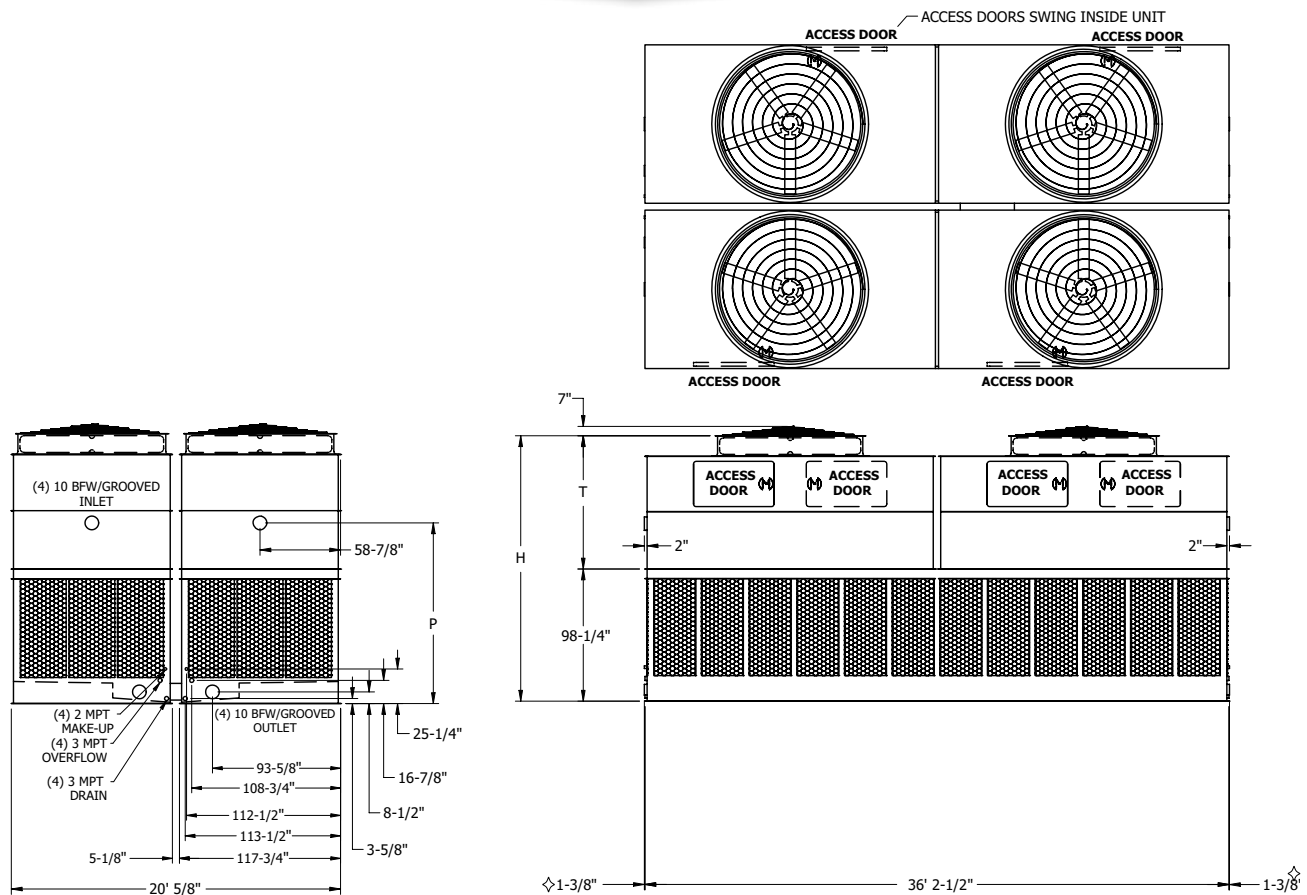
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

◆ L=Lower Section, U=Upper Section
 ✱ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 420-136 to 420-936

Four-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [‡]			H [†]	T [†]	P
AT-420-136U	1,111	35,300	69,260	L 6,370	(4)10	330,400	16' 5-1/4"	9' 3"	11'
AT-420-136L	1,348	35,580	69,540	L 6,370	(4)15	375,800	16' 5-1/4"	9' 3"	11'
AT-420-136	1,496	35,780	69,740	L 6,370	(4)20	412,300	16' 5-1/4"	9' 3"	11'
AT-420-236L	1,408	40,860	74,820	U 7,030	(4)10	319,900	18' 5-1/4"	10' 3"	13'
AT-420-236	1,626	40,860	74,820	U 7,030	(4)15	364,200	18' 5-1/4"	10' 3"	13'
AT-420-336U	1,281	38,060	72,020	L 6,370	(4)10	325,400	17' 5-1/4"	8' 3"	12'
AT-420-336L	1,522	38,340	72,300	U 6,400	(4)15	370,200	17' 5-1/4"	8' 3"	12'
AT-420-336	1,686	38,540	72,500	U 6,450	(4)20	405,800	17' 5-1/4"	8' 3"	12'
AT-420-436L	1,618	35,980	69,940	L 6,370	(4)25	442,400	16' 5-1/4"	9' 3"	11'
AT-420-436	1,713	36,380	70,340	L 6,370	(4)30	469,300	16' 5-1/4"	9' 3"	11'
AT-420-536	1,820	38,740	72,700	U 6,500	(4)25	435,200	17' 5-1/4"	8' 3"	12'
AT-420-636	1,928	39,140	73,100	U 6,600	(4)30	460,900	17' 5-1/4"	8' 3"	12'
AT-420-736U	1,786	41,060	75,020	U 7,080	(4)20	398,700	18' 5-1/4"	10' 3"	13'
AT-420-736L	1,914	41,260	75,220	U 7,130	(4)25	427,900	18' 5-1/4"	10' 3"	13'
AT-420-736	2,025	41,660	75,620	U 7,230	(4)30	453,400	18' 5-1/4"	10' 3"	13'
AT-420-836	2,116	40,140	74,100	U 6,850	(4)40	504,500	17' 5-1/4"	8' 3"	12'
AT-420-936	2,212	42,660	76,620	U 7,480	(4)40	496,200	18' 5-1/4"	10' 3"	13'
UT Addition		❖	2,800	❖			1' 9-1/2"	1' 9-1/2"	

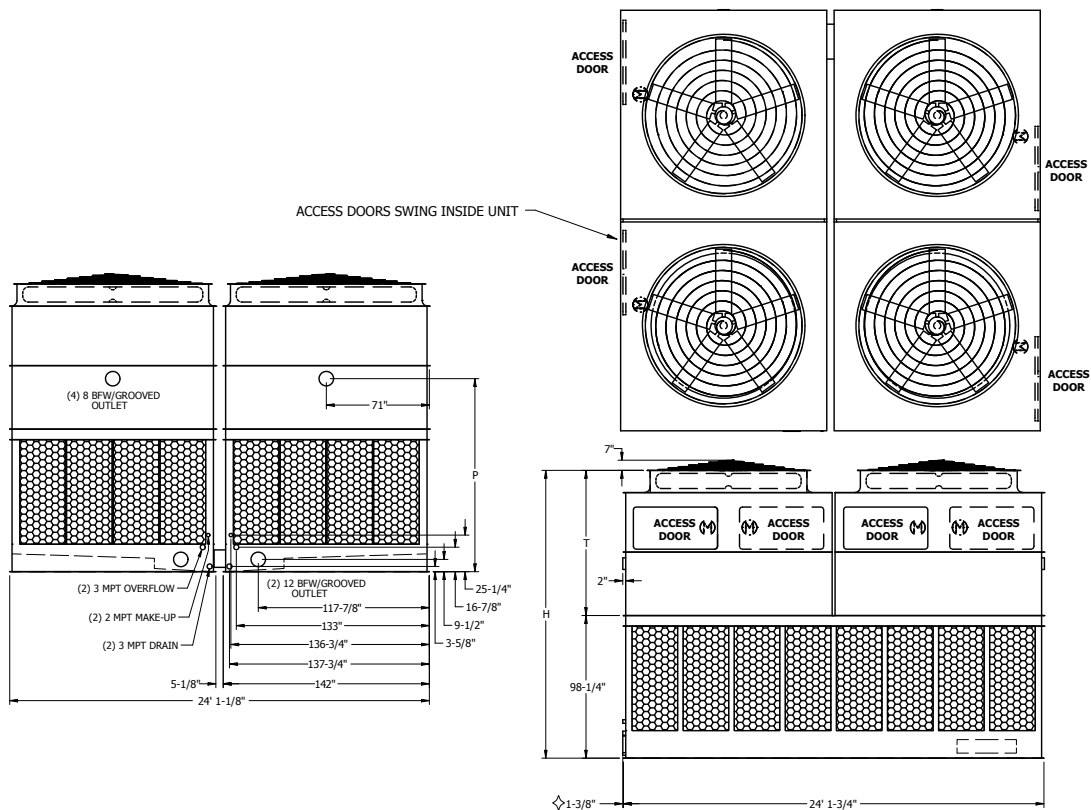
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

❖ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

‡ L=Lower Section, U=Upper Section
❖ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 424-024 to 424-924

Four-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section [†]			H [†]	T [†]	P
AT-424-024L	1,114	29,480	54,340	L 5,020	(4)10	283,500	16' 6-1/4"	8' 4"	11' 2"
AT-424-024	1,327	30,040	54,900	L 5,020	(4)15	322,300	16' 6-1/4"	8' 4"	11' 2"
AT-424-124	1,449	30,240	55,100	U 5,050	(4)20	353,400	16' 6-1/4"	8' 4"	11' 2"
AT-424-224L	1,257	31,640	56,500	U 5,400	(4)10	279,200	17' 6-1/4"	9' 4"	12' 2"
AT-424-224	1,471	32,200	57,060	U 5,540	(4)15	317,000	17' 6-1/4"	9' 4"	12' 2"
AT-424-324	1,555	30,440	55,300	U 5,100	(4)25	379,400	16' 6-1/4"	8' 4"	11' 2"
AT-424-424	1,605	32,400	57,260	U 5,590	(4)20	347,400	17' 6-1/4"	9' 4"	12' 2"
AT-424-524	1,647	30,840	55,700	U 5,200	(4)30	401,900	16' 6-1/4"	8' 4"	11' 2"
AT-424-624U	1,340	33,600	58,460	U 5,890	(4)10	274,500	18' 6-1/4"	10' 4"	13' 2"
AT-424-624L	1,524	34,160	59,020	U 6,030	(4)15	312,000	18' 6-1/4"	10' 4"	13' 2"
AT-424-624	1,678	34,360	59,220	U 6,080	(4)20	341,900	18' 6-1/4"	10' 4"	12' 2"
AT-424-724	1,727	32,600	57,460	U 5,640	(4)25	372,500	17' 6-1/4"	9' 4"	12' 2"
AT-424-824	1,835	33,000	57,860	U 5,740	(4)30	394,400	17' 6-1/4"	9' 4"	13' 2"
AT-424-924U	1,807	34,560	59,420	U 6,130	(4)25	366,200	18' 6-1/4"	10' 4"	13' 2"
AT-424-924L	1,916	34,960	59,820	U 6,230	(4)30	387,500	18' 6-1/4"	10' 4"	13' 2"
AT-424-924	2,050	35,960	60,820	U 6,480	(4)40	424,600	18' 6-1/4"	10' 4"	13' 2"
UT Addition		✱	4,800	✱			1' 9-1/2"	1' 9-1/2"	

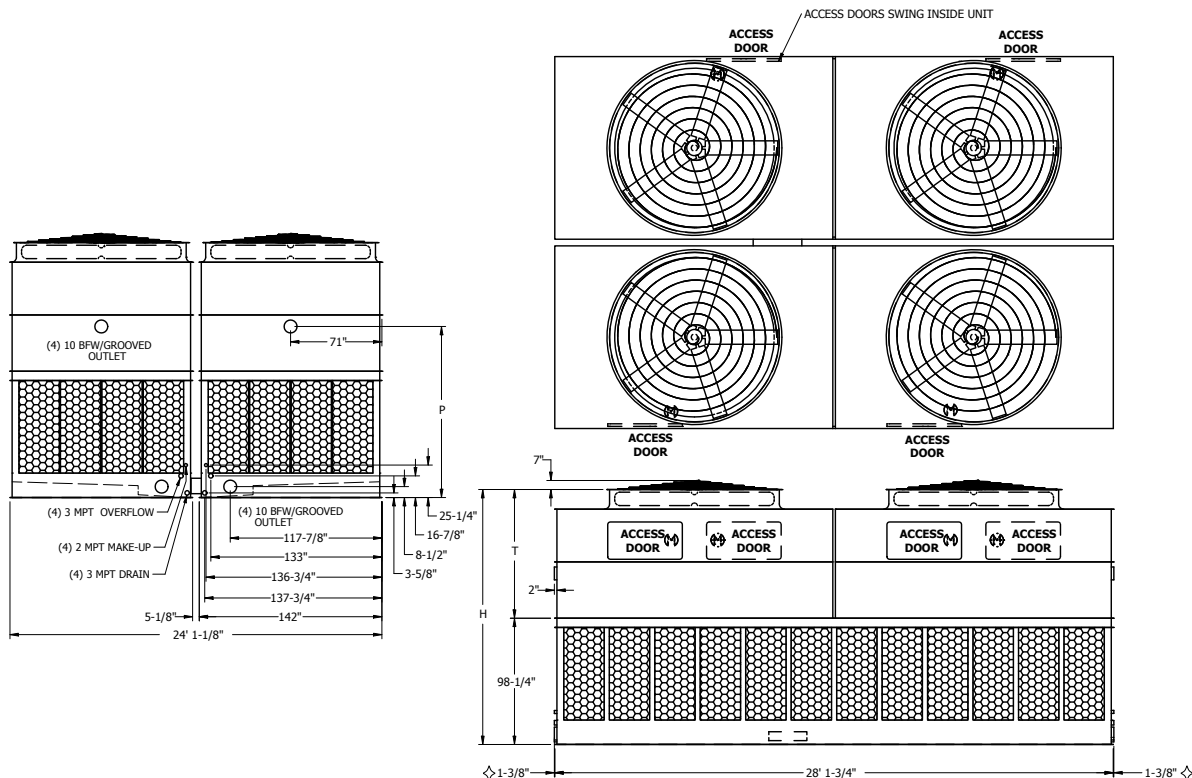
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

✧ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

✦ L=Lower Section, U=Upper Section
✱ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 424-028 to 424-928

Four-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-424-028U	1,159	32,680	62,140	L 5,760	(4)10	299,400	16' 6-1/4"	8' 4"	11' 1"
AT-424-028L	1,405	33,240	62,700	L 5,760	(4)15	340,300	16' 6-1/4"	8' 4"	11' 1"
AT-424-028	1,564	33,480	62,940	L 5,760	(4)20	372,900	16' 6-1/4"	8' 4"	11' 1"
AT-424-128L	1,434	37,400	66,860	U 6,470	(4)10	289,800	18' 6-1/4"	10' 4"	13' 1"
AT-424-128	1,654	37,960	67,420	U 6,610	(4)15	329,600	18' 6-1/4"	10' 4"	13' 1"
AT-424-228	1,689	33,720	63,180	L 5,760	(4)25	400,300	16' 6-1/4"	8' 4"	11' 1"
AT-424-228M	1,838	34,000	63,460	L 5,760	(4)30	423,700	16' 6-1/4"	8' 4"	11' 1"
AT-424-328U	1,322	35,320	64,780	U 5,950	(4)10	294,900	17' 6-1/4"	9' 4"	12' 1"
AT-424-328L	1,563	35,880	65,340	U 6,090	(4)15	335,100	17' 6-1/4"	9' 4"	12' 1"
AT-424-328	1,745	36,120	65,580	U 6,150	(4)20	366,600	17' 6-1/4"	9' 4"	12' 1"
AT-424-428	1,833	38,200	67,660	U 6,670	(4)20	360,700	18' 6-1/4"	10' 4"	13' 1"
AT-424-528	1,873	36,360	65,820	U 6,210	(4)25	393,600	17' 6-1/4"	9' 4"	12' 1"
AT-424-628	1,965	38,440	67,900	U 6,730	(4)25	387,300	18' 6-1/4"	10' 4"	13' 1"
AT-424-728	1,993	36,640	66,100	U 6,280	(4)30	416,200	17' 6-1/4"	9' 4"	12' 1"
AT-424-728M	2,199	37,680	67,140	U 6,540	(4)40	455,600	17' 6-1/4"	9' 4"	13' 1"
AT-424-828	2,088	38,720	68,180	U 6,800	(4)30	409,900	18' 6-1/4"	10' 4"	13' 1"
AT-424-928	2,283	39,760	69,220	U 7,060	(4)40	448,300	18' 6-1/4"	10' 4"	13' 1"
UT Addition		✱	4,800	✱			1' 9-1/2"	1' 9-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

◇ Outlet connection extends beyond bottom flange.

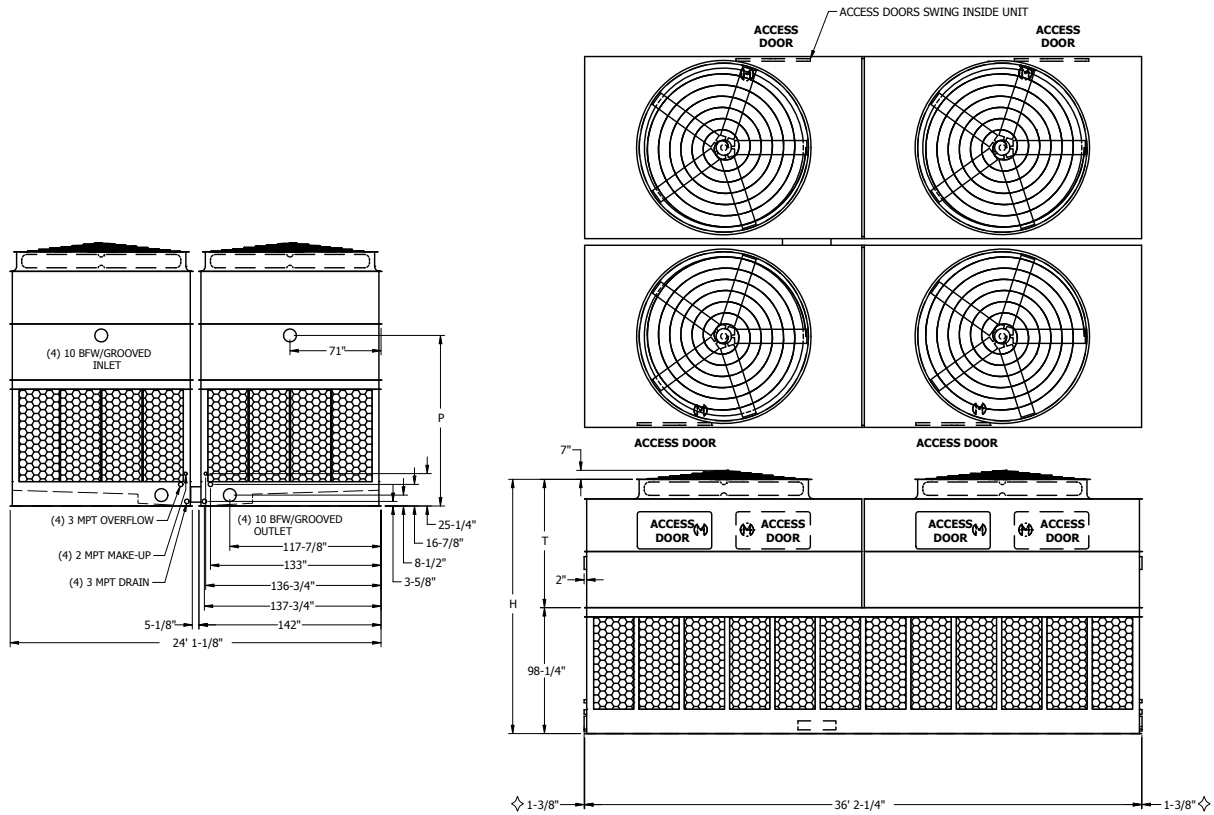
† Height includes fan guard which ships factory mounted.

✱ L=Lower Section, U=Upper Section

✱ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 424-036 to 424-936

Four-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-424-036L	1,687	41,760	79,040	L 7,480	(4)15	423,100	16' 6-1/4"	8' 4"	11' 1"
AT-424-036	1,914	42,000	79,280	L 7,480	(4)20	463,300	16' 6-1/4"	8' 4"	11' 1"
AT-424-136	2,023	42,200	79,480	L 7,480	(4)25	498,000	16' 6-1/4"	8' 4"	11' 1"
AT-424-236U	1,883	44,880	82,160	U 7,480	(4)15	416,900	17' 6-1/4"	9' 4"	12' 1"
AT-424-236L	2,108	45,120	82,400	U 7,540	(4)20	456,200	17' 6-1/4"	9' 4"	12' 1"
AT-424-236	2,246	45,320	82,600	U 7,590	(4)25	489,600	17' 6-1/4"	9' 4"	12' 1"
AT-424-336L	2,133	42,640	79,920	L 7,480	(4)30	527,900	16' 6-1/4"	8' 4"	11' 1"
AT-424-336	2,350	43,680	80,960	L 7,480	(4)40	578,400	16' 6-1/4"	8' 4"	11' 1"
AT-424-436	2,373	45,760	83,040	U 7,700	(4)30	519,200	17' 6-1/4"	9' 4"	12' 1"
AT-424-536E	2,005	47,840	85,120	U 8,220	(4)15	409,800	18' 6-1/4"	10' 4"	13' 1"
AT-424-536U	2,221	48,080	85,360	U 8,280	(4)20	448,800	18' 6-1/4"	10' 4"	13' 1"
AT-424-536L	2,353	48,280	85,560	U 8,330	(4)25	481,900	18' 6-1/4"	10' 4"	13' 1"
AT-424-536	2,491	48,720	86,000	U 8,440	(4)30	510,800	18' 6-1/4"	10' 4"	13' 1"
AT-424-636	2,614	46,800	84,080	U 7,960	(4)40	567,900	17' 6-1/4"	9' 4"	12' 1"
AT-424-736	2,806	46,800	84,320	U 8,020	(4)50	609,200	17' 6-1/4"	9' 4"	12' 1"
AT-424-836L	2,736	49,760	87,040	U 8,700	(4)40	558,300	18' 6-1/4"	10' 4"	13' 1"
AT-424-836	2,938	50,000	87,280	U 8,760	(4)50	598,800	18' 6-1/4"	10' 4"	13' 1"
AT-424-936	3,049	50,440	87,720	U 8,870	(4)60	634,500	18' 6-1/4"	10' 4"	13' 1"
UT Addition		✱	4,800	✱			1' 3-1/2"	1' 3-1/2"	

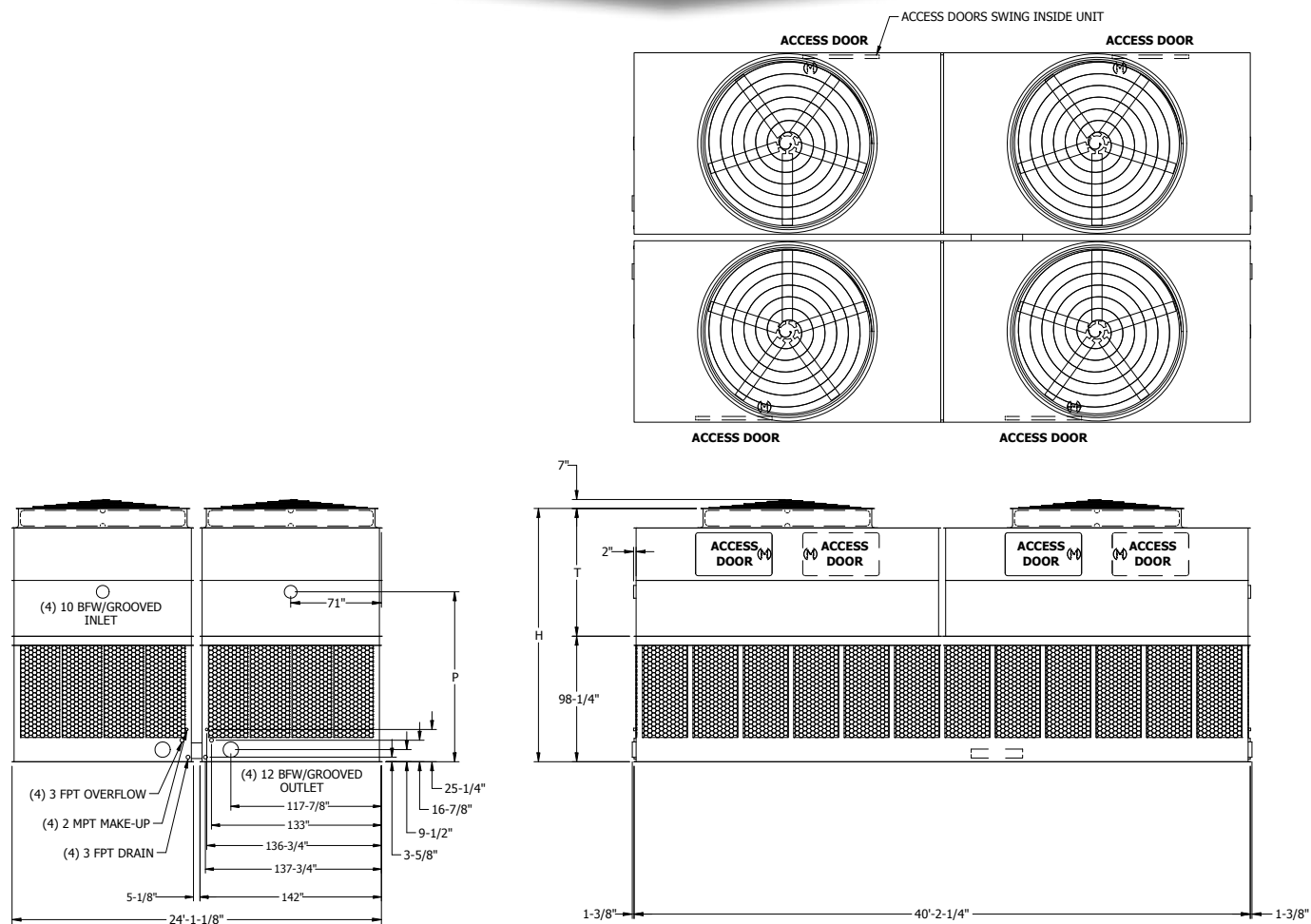
NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

✱ L=Lower Section, U=Upper Section
 ✱ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 424-0140 to 424-1640

Four-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-424-0140	1,733	44,640	86,420	L 7,900	(4)20	472,200	16' 6-1/4"	8' 4"	11' 1"
AT-424-0240	1,919	44,840	86,620	L 7,900	(4)25	506,800	16' 6-1/4"	8' 4"	11' 1"
AT-424-0340	2,064	45,280	87,060	L 7,900	(4)30	537,000	16' 6-1/4"	8' 4"	11' 1"
AT-424-0440	2,379	46,320	88,100	L 7,900	(4)40	587,500	16' 6-1/4"	8' 4"	11' 1"
AT-424-0540	2,584	46,560	88,340	L 7,900	(4)50	630,400	16' 6-1/4"	8' 4"	11' 1"
AT-424-0640	2,038	47,560	89,340	U 7,940	(4)20	464,500	17' 6-1/4"	9' 4"	12' 1"
AT-424-0740	2,230	47,760	89,540	U 7,990	(4)25	498,300	17' 6-1/4"	9' 4"	12' 1"
AT-424-0840	2,380	48,200	89,980	U 8,100	(4)30	527,600	17' 6-1/4"	9' 4"	12' 1"
AT-424-0940	2,670	49,240	91,020	U 8,360	(4)40	576,800	17' 6-1/4"	9' 4"	12' 1"
AT-424-1040	2,900	49,480	91,260	U 8,420	(4)50	618,200	17' 6-1/4"	9' 4"	12' 1"
AT-424-1140	2,190	51,160	92,940	U 8,840	(4)20	456,500	18' 6-1/4"	10' 4"	13' 11"
AT-424-1240	2,369	51,360	93,140	U 8,890	(4)25	489,900	18' 6-1/4"	10' 4"	13' 11"
AT-424-1340	2,515	51,800	93,580	U 9,000	(4)30	519,000	18' 6-1/4"	10' 4"	13' 11"
AT-424-1440	2,798	52,840	94,620	U 9,260	(4)40	567,600	18' 6-1/4"	10' 4"	13' 11"
AT-424-1540	3,028	53,080	94,860	U 9,320	(4)50	608,300	18' 6-1/4"	10' 4"	13' 11"
AT-424-1640	3,141	53,520	95,300	U 9,430	(4)60	644,800	18' 6-1/4"	10' 4"	13' 11"
UT Addition		❖	4,800	❖			1' 3-1/2"		

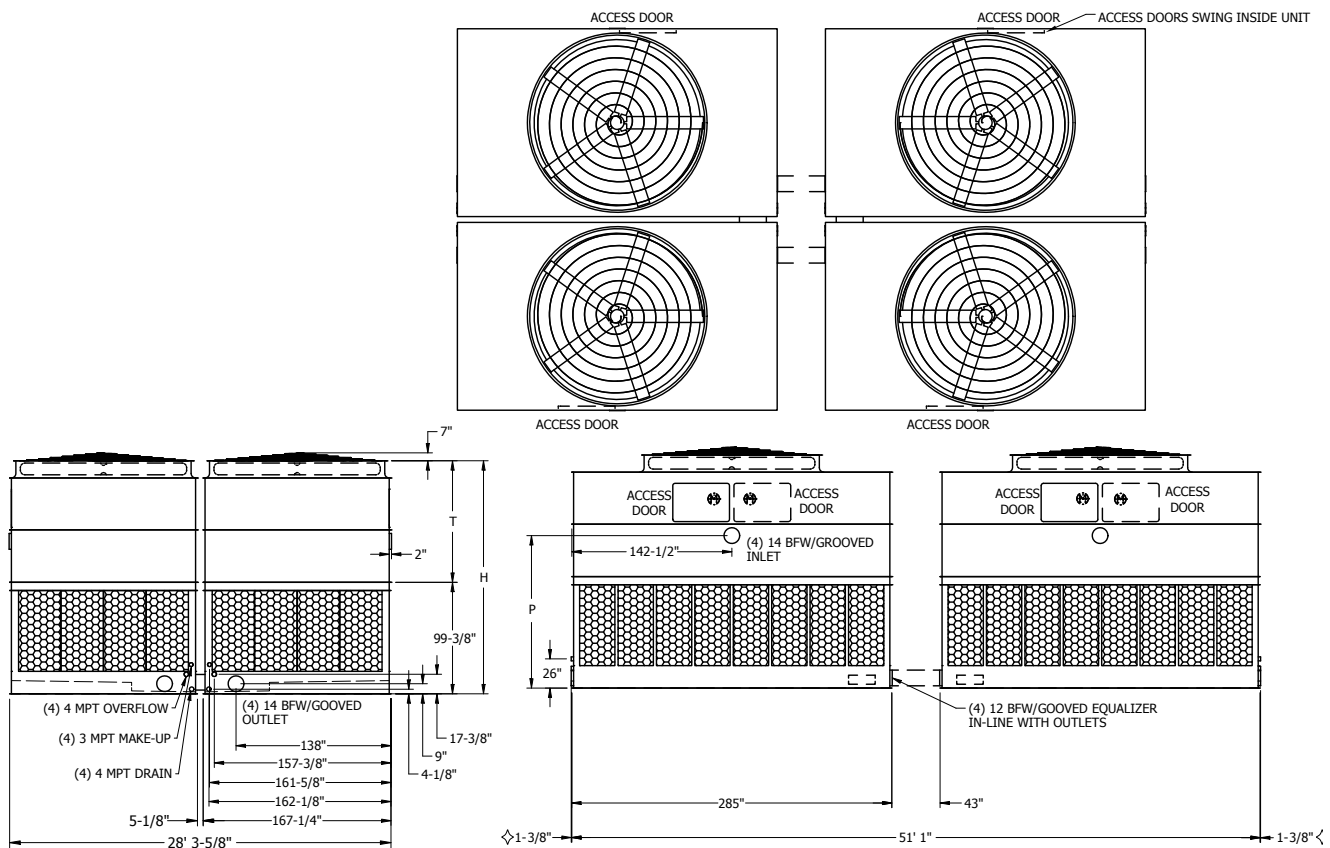
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
 (2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
 (3) Adequate spacing must be allowed for access to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

❖ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

♦ L=Lower Section, U=Upper Section
 ❖ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 428-0148 to 428-1348

Four-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-428-0148U	2,231	65,280	128,680	10,600	(4)20	595,300	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-428-0148L	2,482	65,480	128,880	10,650	(4)25	646,400	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-428-0148	2,626	65,560	128,960	10,670	(4)30	685,500	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-428-0248	2,846	66,160	129,560	10,820	(4)40	752,000	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-428-0348	3,067	67,560	130,960	11,170	(4)50	807,000	17' 5-5/8"	9' 2-1/4"	11' 3-7/8"
AT-428-0448L	2,858	73,600	137,000	12,680	(4)20	578,700	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-428-0448	3,093	73,800	137,200	12,730	(4)25	621,100	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-428-0548	3,237	73,880	137,280	12,750	(4)30	660,100	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-428-0648E	2,585	69,440	132,840	11,640	(4)20	586,200	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-428-0648U	2,837	69,640	133,040	11,690	(4)25	629,300	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-428-0648L	2,984	69,720	133,120	11,710	(4)30	675,000	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-428-0648	3,283	70,320	133,720	11,860	(4)40	739,200	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-428-0748	3,509	71,720	135,120	12,210	(4)50	793,000	18' 5-5/8"	10' 2-1/4"	12' 3-7/8"
AT-428-0848	3,524	74,480	137,880	12,900	(4)40	726,500	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-428-0948	3,714	75,880	139,280	13,250	(4)50	780,200	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-428-1048	3,728	72,400	135,800	12,380	(4)60	840,300	18' 5-5/8"	10' 2-1/4"	13' 3-7/8"
AT-428-1148	3,933	76,560	139,960	13,420	(4)60	826,200	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-428-1248	4,229	77,520	140,920	13,660	(4)75	904,900	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
AT-428-1348*	4,475	79,820	142,680	14,100	(4)100	970,300	19' 5-5/8"	11' 2-1/4"	13' 3-7/8"
UT Addition			5,000	1,250			1' 1-1/2"	1' 1-1/2"	

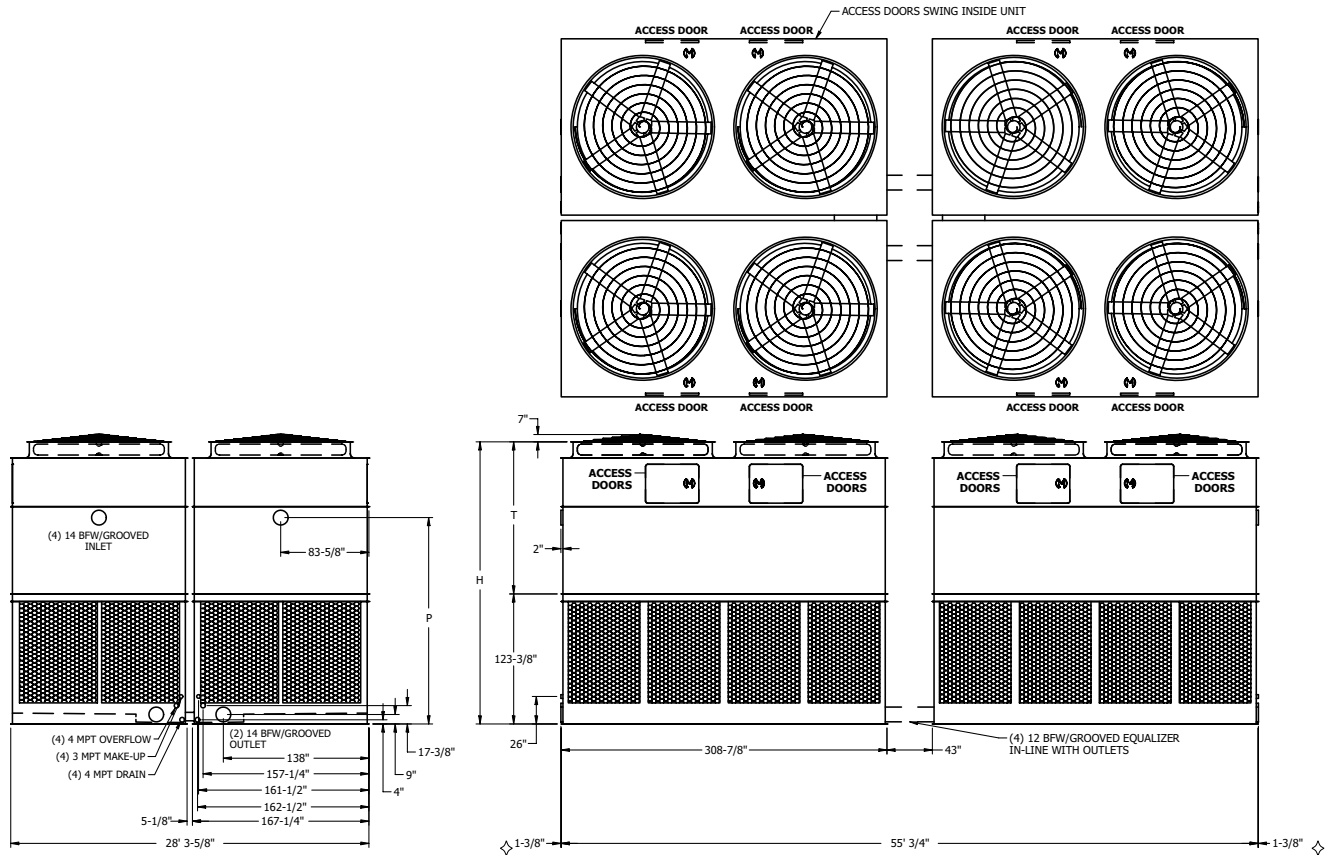
- NOTE: (1) An adequately sized bleed line must be installed in the cooling tower system to prevent build-up of impurities in the recirculated water.
(2) Do not use catalog drawings for certified prints. Dimensions and weights are subject to change.
(3) Adequate spacing must be allowed for access to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

◇ Outlet connection extends beyond bottom flange.
† Height includes fan guard which ships factory mounted.

◆ Heaviest section is upper section.
◆ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 428-552 to 428-952

Four-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan Motor (HP)	Air Flow (CFM)	DIMENSIONS		
		Shipping	Operating	Heaviest Section†			H†	T†	P
AT-428-552	3,857	97,960	165,280	17,660	(8)20	747,500	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-428-652	4,148	98,200	165,520	17,720	(8)25	801,900	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-428-752	4,395	98,600	165,920	17,820	(8)30	849,100	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-428-852	4,806	99,880	167,200	18,140	(8)40	928,900	22' 3-1/2"	12' 1/8"	16' 3-3/4"
AT-428-952	5,141	99,960	167,280	18,160	(8)50	995,700	22' 3-1/2"	12' 1/8"	16' 3-3/4"
UT Addition		✱	9,600	✱			1' 3-1/2"	1' 3-1/2"	

- NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

◇ Outlet connection extends beyond bottom flange.

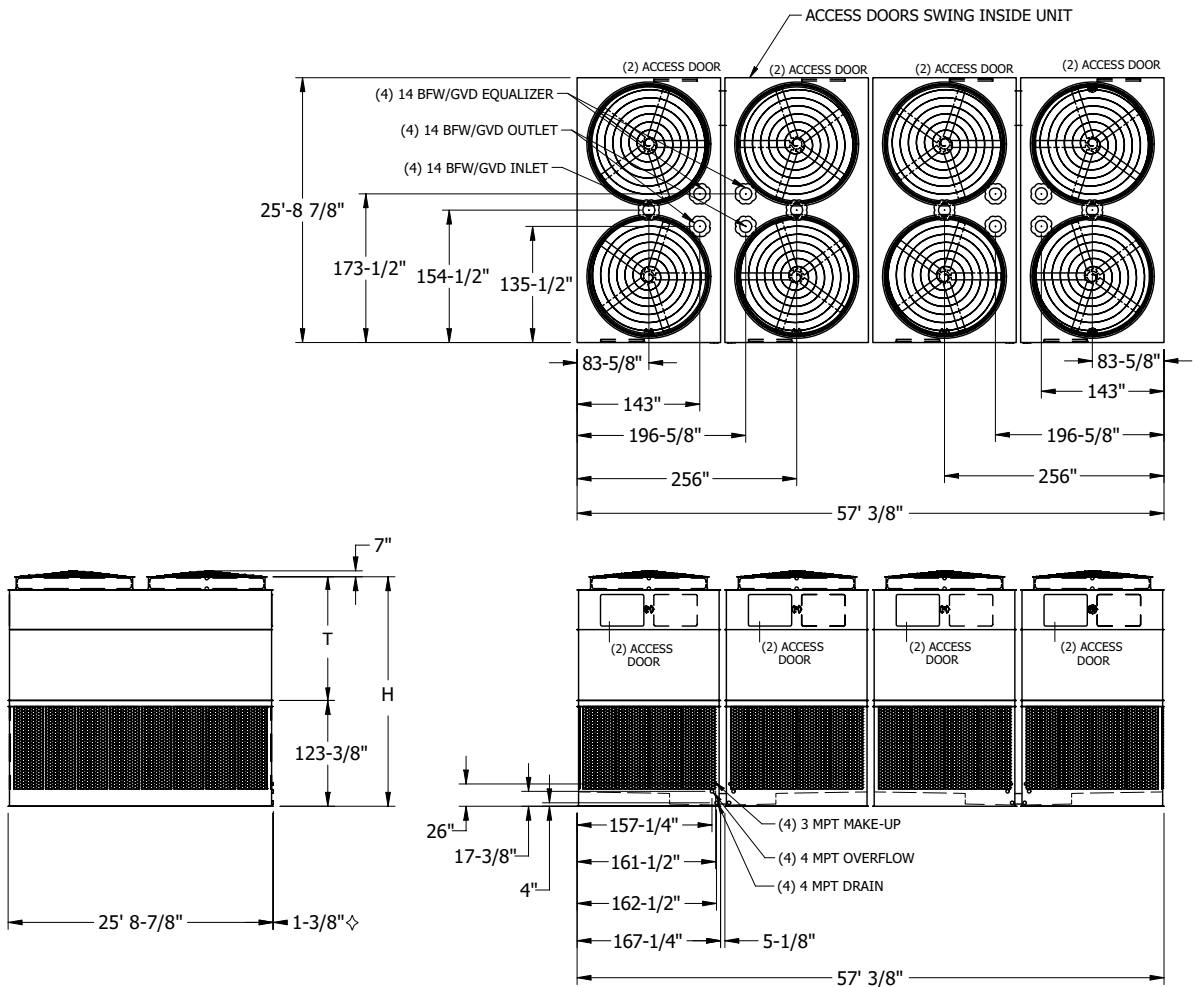
† Height includes fan guard which ships factory mounted.

✱ Heaviest section is upper section.

✱ Please consult the factory for additional information regarding shipping and section weight changes.

Models: AT/UT/USS 456-526 to 456-926

Four-Cell Cooling Towers



Model No.	Nominal Tonnage	WEIGHTS (LBS)			Fan/Motor (HP)	Air Flow (CFM)	DIMENSIONS	
		Shipping	Operating	Heaviest Section [†]			H [†]	T [†]
AT-456-526	3,802	97,880	165,200	17,660	(8)20	711,215	22' 3-1/2"	12' 1/8"
AT-456-626	4,090	98,120	165,440	17,720	(8)25	762,926	22' 3-1/2"	12' 1/8"
AT-456-726	4,335	98,520	165,840	17,820	(8)30	807,791	22' 3-1/2"	12' 1/8"
AT-456-826	4,743	99,800	167,120	18,140	(8)40	883,646	22' 3-1/2"	12' 1/8"
AT-456-926	5,075	99,880	167,200	18,160	(8)50	947,043	22' 3-1/2"	12' 1/8"
UT Addition		✱	9,600	✱			1' 3-1/2"	

NOTE: (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 degree entering water temperature, 85 degree leaving water temperature, and 78 degree wet-bulb temperature.

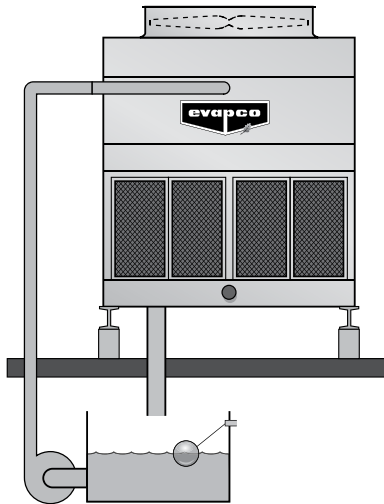
◇ Outlet connection extends beyond bottom flange.
 † Height includes fan guard which ships factory mounted.

✦ Heaviest section is upper section.
 ✱ Please consult the factory for additional information regarding shipping and section weight changes.

Drain Down Volume for Remote Sump Applications

The following chart provides the maximum drain down volume allowable per AT/UT/USS model number. Use this chart when sizing indoor or outdoor remote sumps tanks. Remote sump applications are commonly used whenever a cooling tower is idle during sub-freezing weather to protect the water in the basin from freezing or for large multi-tower industrial applications. Either application allows the circulating water to gravity drain into a remote sump tank indoors or a large, outdoor concrete basin located underneath the cooling tower.

The water volume provided is the cooling tower portion of the remote sump tank only. The tank should allow for drain down water from external piping and pump suction coverage.



1-CELL

Model No.	Maximum Drain Down Volume (gal.)
14-64 to 14-94	85
14-66 to 14-96	130
14-69 to 14-99	195
14-612 to 14-912	275
19-56 to 19-96	270
19-28 to 19-98	320
19-59 to 19-99	395
19-111 to 19-911	460
19-412 to 19-912	525
19-114 to 19-914	610
110-112 to 110-912	645
110-118 to 110-918	980
112-012 to 112-912	720
112-314 to 112-914	855
112-018 to 112-918	1090
112-520 to 112-920	1210
114-0124 to 114-1324	1855
114-526 to 114-926	2085

2-CELL

Model No.	Maximum Drain Down Volume (gal.)
26-517 to 26-917	540
28-217 to 28-917	640
212-59 to 212-99	540
215-29 to 215-99	640
217-59 to 217-99	790
217-111 to 217-911	920
217-412 to 217-912	1050
217-214 to 217-914	1220
29-318 to 29-918	790
29-121 to 29-921	920
29-024 to 29-924	1050
29-228 to 29-928	1220
210-124 to 210-924	1290
210-136 to 210-936	1960
212-024 to 212-924	1440
212-128 to 212-928	1710
212-036 to 212-936	2180
212-0140 to 212-1640	2420
214-0148 to 214-1248	3710
214-552 to 214-952	4170
220-112 to 220-912	1290
220-118 to 220-918	1960
224-018 to 224-918	2180
224-720 to 224-920	2420
228-0124 to 228-1024	3710
228-526 to 228-926	4170
39-336 to 39-936	1575
39-242 to 39-942	1830
310-136 to 310-936	1935
310-154 to 310-954	2940
312-036 to 312-936	2160
312-042 to 312-942	2565
312-054 to 312-954	3270
312-260 to 312-960	3630
314-0172 to 314-1272	5565
314-578 to 314-978	6255
342-526 to 342-926	6255
420-124 to 420-924	2580
420-136 to 420-936	3920
424-024 to 424-924	2880
424-028 to 424-928	3420
424-036 to 424-936	4360
424-0140 to 424-1640	4840
428-0148 to 428-1348	7420
428-552 to 428-952	8340
456-526 to 456-926	8340

4-CELL

3-CELL

Applications

Design

EVAPCO Cooling towers are of heavy-duty construction and designed for long trouble-free operation. Proper equipment selection, installation and maintenance are necessary to ensure full unit performance while maximizing the equipment's service life. Some of the major considerations in the application of a tower are presented below. For additional information, please contact the factory.

Piping

Cooling tower piping should be designed and installed in accordance with generally accepted engineering practices. All piping should be anchored by properly designed hangers and supports with allowance made for possible expansion and contraction. No external loads should be placed upon cooling tower connections, nor should any of the piping supports be anchored to the unit framework.

The piping connection locations shown on the drawings included in this catalog and on the website are standard locations that can be changed. If the piping connection locations shown do not meet the needs of a particular project, contact the factory to determine a viable solution.

Air Circulation

In reviewing the system design and unit location, it is important that enough fresh air is provided to enable proper unit performance. The best location is on an unobstructed roof top or at ground level away from walls and other barriers. Care must be taken when locating towers in wells or enclosures or next to high walls. The potential for recirculation of the hot, moist discharge air back into the fan intake exists. Recirculation raises the wetbulb temperature of the entering air, causing the leaving water temperature to rise above the design conditions. For these cases, the overall unit height should be raised so it is even with the adjacent wall, reducing the chance of recirculation. This can be done by raising the entire unit or adding a discharge hood. For additional information, see the EVAPCO Equipment Layout Manual. Engineering Assistance is also available from the factory to identify potential recirculation problems and recommend solutions, such as re-orienting multi-cell units.

Design Flexibility and Assistance

The large number of EVAPCO AT Cooling towers makes it easy to find a model to meet your design and layout needs. If there is an application for which the standard catalog product line does not work, EVAPCO will make a cooling tower that will fit your requirement. Consult your local EVAPCO Representative or the factory for assistance with Applications, Layout, Accessories or other design needs.

Water Treatment

Proper water treatment is an essential part of the maintenance required for all evaporative cooling equipment. A well designed and consistently implemented water treatment program will help to ensure efficient system operation while maximizing the equipment's service life. A qualified water treatment company should design a site specific water treatment protocol based on equipment (including all metallurgies in the cooling system), location, makeup water quality and usage.

Without proper water treatment, the equipment can be susceptible to scale build-up on its heat exchange surfaces, biological growth in the recirculating water and corrosion of its components. Your site specific water treatment protocol should include procedures for routine operation, startup after a shut-down period, and system lay-up, if applicable.

Passivation Period

If the equipment includes any galvanized components, the initial commissioning and passivation period is a critical time for maximizing the service life of galvanized equipment. Evapco recommends that a site specific water treatment protocol which includes a passivation procedure that details the desired water chemistry and visual inspections during the first six to twelve weeks of operation be used. During this passivation period, recirculating water pH should be maintained above 7.0 and below 8.0 at all times.

Recirculating Water System

The cooling in a tower is accomplished by the evaporation of a portion of the recirculated spray water. As this water evaporates, it leaves behind mineral content and impurities. Therefore, it is important to bleed-off an amount of water proportional to that which is evaporated to prevent the buildup of impurities. If this is not done, the mineral content and/or the corrosive nature of the water will continue to increase. This can ultimately result in heavy scaling or a corrosive condition.

Bleed-off

Evaporative cooling equipment requires a bleed or blow-down line to remove concentrated water from the system. The mineral concentration is monitored by measuring the conductivity of the water. Evapco recommends an automated conductivity controller to maximize the water efficiency of your system. Based on recommendations from your water treatment supplier, the conductivity controller should open and close a bleed valve to maintain the conductivity of the recirculating water.

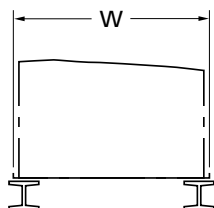
Control of Biological Contaminants

Evaporative cooling equipment should be inspected regularly to ensure good microbiological control. Inspections should include both monitoring of microbial populations via culturing techniques and visual inspections for evidence of biofouling. Poor microbiological control can result in loss of heat transfer efficiency, increase corrosion potential, and increase the risk of pathogens such as those that can cause risk to health. If excessive microbiological contamination is detected, a more aggressive mechanical cleaning and/or water treatment program should be undertaken.

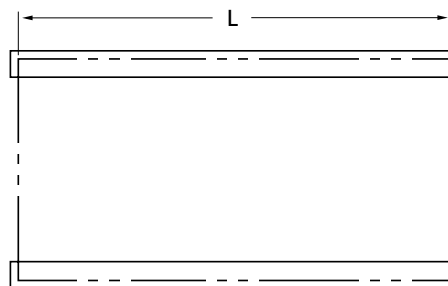
Structural Steel Support

Models AT/UT/USS 14-64 to 314-978

Suggested Two I-Beam Arrangement



End Elevation



Plan View

Models AT/UT/USS 14-64 through 110-918

Two I-Beams Required (By Others)

	Model No.	Dimensions	
		W	L
1-CELL	14-64 to 14-94	4' 0-15/32"	3' 11-5/8"
	14-66 to 14-96	4' 0-15/32"	5' 11-5/8"
	14-69 to 14-99	4' 0-15/32"	8' 11-11/16"
	14-612 to 14-912	4' 0-15/32"	11' 11-5/8"
	19-56 to 19-96	5' 11-7/8"	8' 5-1/2"
	19-28 to 19-98	7' 5-7/8"	8' 5-1/2"
	19-59 to 19-99	8' 5-1/2"	8' 11-1/2"
	19-111 to 19-911	8' 5-1/2"	10' 5-1/2"
	19-412 to 19-912	8' 5-1/2"	11' 11-3/4"
	19-114 to 19-914	8' 5-1/2"	13' 11-3/4"
	110-112 to 110-912	9' 9-3/4"	11' 11-3/4"
	110-118 to 110-918	9' 9-3/4"	18' 0"
	112-012 to 112-912	11' 10"	11' 11-3/4"
	112-314 to 112-914	11' 10"	13' 11-3/4"
	112-018 to 112-918	11' 10"	18' 0"
	112-520 to 112-920	11' 10"	20' 0"
	114-0124 to 114-1324	13' 11-1/4"	23' 9"
	114-526 to 114-926	13' 11-1/4"	25' 8-7/8"
2-CELL	26-517 to 26-917	5' 11-7/8"	17' 1-1/2"
	28-217 to 28-917	7' 5-7/8"	17' 1-1/2"
	29-318 to 29-918	8' 5-1/2"	18' 0"

Models AT/UT/USS 210-124 through 314-978

Two I-Beams Required (By Others)

	Model No.	Dimensions	
		W	L
2-CELL	29-121 to 29-921	8' 5-1/2"	21' 0"
	29-024 to 29-924	8' 5-1/2"	24' 2"
	29-228 to 29-928	8' 5-1/2"	28' 2"
3-CELL	210-124 to 210-924	9' 9-3/4"	24' 2"
	210-136 to 210-936	9' 9-3/4"	36' 2-1/2"
	212-024 to 212-924	11' 10"	24' 2"
	212-128 to 212-928	11' 10"	28' 2"
	212-036 to 212-936	11' 10"	36' 2-1/2"
	212-0140 to 212-1640	11' 10"	40' 2-1/4"
	214-0148 to 214-1248	13' 11-1/4"	47' 8-1/2"
	214-552 to 214-952	13' 11-1/4"	51' 8-1/4"
	39-336 to 39-936	8' 5-1/2"	36' 4-1/4"
	39-242 to 39-942	8' 5-1/2"	42' 4-1/4"
	310-136 to 310-936	9' 9-3/4"	36' 4-1/4"
	310-154 to 310-954	9' 9-3/4"	54' 5"
	312-036 to 312-936	11' 10"	36' 4-1/4"
	312-042 to 312-942	11' 10"	42' 4-1/4"
	312-054 to 312-954	11' 10"	54' 5"
	312-260 to 312-960	11' 10"	60' 5"
	314-0172 to 314-1272	13' 11-1/4"	71' 8"
	314-578 to 314-978	13' 11-1/4"	77' 7-5/8"

Notes:

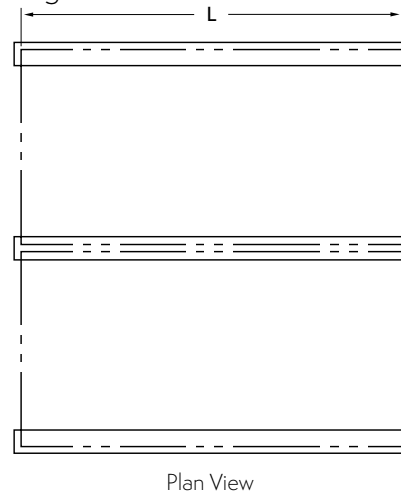
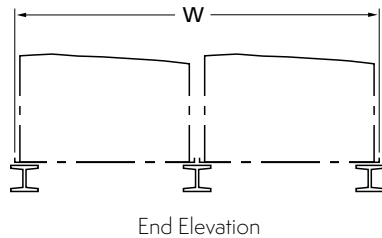
Models Listed Above.

- These are suggested arrangements for preliminary layout purposes. Consult your EVAPCO representative for factory certified steel support drawings.
- The recommended support for the AT/UT/USS Cooling Tower is structural I-beams located under the outer flanges and running the entire length of the unit. The unit should be elevated to allow access underneath the unit and to the roof below. Mounting holes, 3/4" in diameter, are located in the bottom flanges of the pan to provide for bolting to the structural steel.
- Beams should be sized in accordance with accepted structural practices. Maximum deflection of beam under unit to be 1/360 of the unit length, not to exceed 1/2".
- For these models where two support beams are required, deflection may be calculated by using 55% of the operating weight as a uniform load on each beam.
- Beams should be level before setting the unit in place. Do not level the unit by shimming between it and the I-beams.
- Support beams and Anchor bolts are to be furnished by others.
- Dimensions, weights and data are subject to change without notice. Refer to the factory certified drawings for exact dimensions.
- For alternate layout arrangements please consult the factory. **NOTE: OPTIONAL BOTTOM CONNECTIONS WILL REQUIRE THE UNIT TO BE ELEVATED TO ALLOW FOR PIPING.**

Structural Steel Support

Models AT/UT/USS 212-59 to 428-952

Suggested Three I-Beam Arrangement



Models AT/UT/USS 212-59 through 428-952

Three I-Beams Required (By Others)

	Model No.	Dimensions	
		W	L
2-CELL	212-59 to 212-99	12' 4-7/8"	8' 5-1/2"
	215-29 to 215-99	15' 4-7/8"	8' 5-1/2"
	217-59 to 217-99	17' 4-1/8"	8' 11-1/2"
	217-111 to 217-911	17' 4-1/8"	10' 5-1/2"
	217-412 to 217-912	17' 4-1/8"	11' 11-3/4"
	217-214 to 217-914	17' 4-1/8"	13' 11-3/4"
	220-112 to 220-912	20' 0-5/8"	11' 11-3/4"
	220-118 to 220-918	20' 0-5/8"	18' 0"
	224-018 to 224-918	24' 1-1/8"	18' 0"
	224-720 to 224-920	24' 1-1/8"	20' 0"
	228-0124 to 228-1024	28' 3-5/8"	23' 9"
	228-526 to 228-926	28' 3-5/8"	25' 8-7/8"
4-CELL	420-124 to 420-924	20' 0-5/8"	24' 1-3/4"
	420-136 to 420-936	20' 0-5/8"	36' 2-1/4"
	424-024 to 424-924	24' 1-1/8"	24' 1-3/4"
	424-028 to 424-928	24' 1-1/8"	28' 1-3/4"
	424-036 to 424-936	24' 1-1/8"	36' 2-1/4"
	424-0140 to 424-1640	24' 1-1/8"	40' 2-1/4"
	428-0148 to 428-1348	28' 3-5/8"	51' 1"
	428-552 to 428-952	28' 3-5/8"	55' 0-3/4"

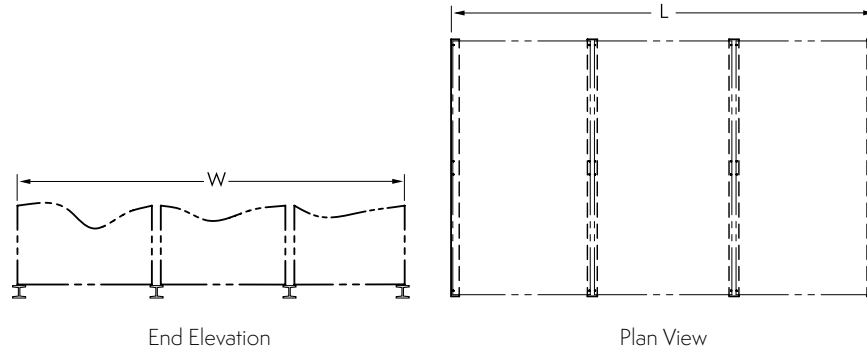
Notes:

Models Listed Above.

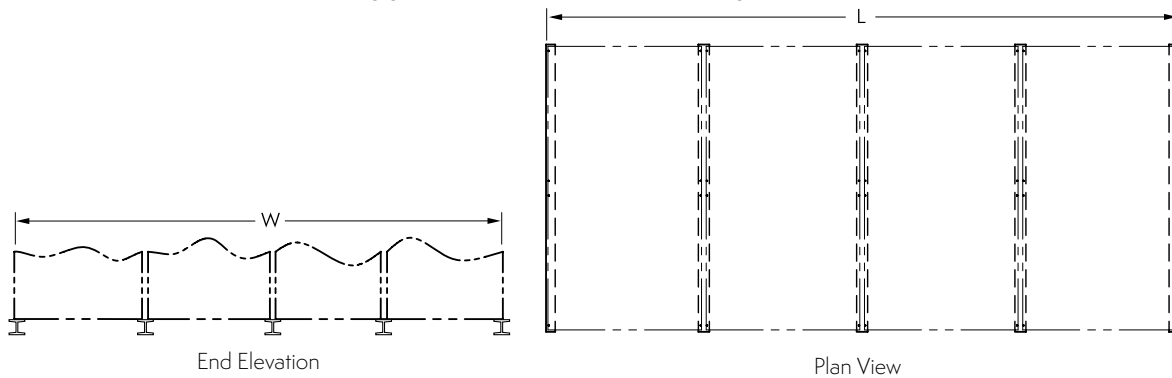
- These are suggested arrangements for preliminary layout purposes. Consult your EVAPCO representative for factory certified steel support drawings.
- The recommended support for the AT/UT/USS Cooling Tower is structural I-beams located under the outer flanges and running the entire length of the unit. The unit should be elevated to allow access underneath the unit and to the roof below. Mounting holes, 3/4" in diameter are located in the bottom flanges of the pan to provide for bolting to the structural steel.
- Beams should be sized in accordance with accepted structural practices. Maximum deflection of beam under unit to be 1/360 of the unit length, not to exceed 1/2".
- For these models only where three support beams are required, deflection may be calculated using 56% of the operating weight on the CENTER BEAM and 22% on each OUTBOARD beam.
- Beams should be level before setting the unit in place. Do not level the unit by shimming between it and the I-beams.
- Support beams and Anchor bolts are to be furnished by others.
- Dimensions, weights and data are subject to change without notice. Refer to the factory certified drawings for exact dimensions.
- For alternate layout arrangements please consult the factory. NOTE: OPTIONAL BOTTOM CONNECTIONS WILL REQUIRE THE UNIT TO BE ELEVATED TO ALLOW FOR PIPING.

Structural Steel Support

Models AT/UT/USS 342-526 to 342-926 Suggested Four I-Beam Arrangement



Models AT/UT/USS 456-526 to 456-926 Suggested Five I-Beam Arrangement



Models AT/UT/USS 342-526 through 456-926 I-Beams Required (By Others)

Dimensions		
Model No.	W	L
342-526 to 342-926	42' 8"	25' 8-7/8"
456-526 to 456-926	57' 3/8"	25' 8-7/8"

Notes:

Models Listed Above.

1. These are suggested arrangements for preliminary layout purposes. Consult your EVAPCO representative for factory certified steel support drawings.
2. The recommended support for the AT/UT/USS Cooling Tower is structural I-beams located under the outer flanges and running the entire length of the unit. The unit should be elevated to allow access underneath the unit and to the roof below. Mounting holes, 3/4" in diameter are located in the bottom flanges of the pan to provide for bolting to the structural steel.
3. Beams should be sized in accordance with accepted structural practices. Maximum deflection of beam under unit to be 1/360 of the unit length, not to exceed 1/2".
4. For these models only where four or five support beams are required, deflection may be calculated using 56% of the operating weight on the CENTER BEAMS and 22% on each OUTBOARD beam.
5. Beams should be level before setting the unit in place. Do not level the unit by shimming between it and the I-beams.
6. Support beams and Anchor bolts are to be furnished by others.
7. Dimensions, weights and data are subject to change without notice. Refer to the factory certified drawings for exact dimensions.
8. For alternate layout arrangements please consult the factory. *NOTE: OPTIONAL BOTTOM CONNECTIONS WILL REQUIRE THE UNIT TO BE ELEVATED TO ALLOW FOR PIPING.*

Notes



OUR PRODUCTS ARE MANUFACTURED WORLDWIDE.



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