

DELTA COOLING TOWERS

Leader in Non-Corroding Cooling Tower Technology



Delta Engineered Plastic Cooling Towers

- Lightweight
- High-Efficiency
- Corrosion Proof
- Seamless One-Piece Construction
- Low Maintenance
- 20-Year Warranty
- Water Saving
- Low Sound
- Made in the USA Quality and Craftsmanship



DeltaCooling.com
1-800-BUY-DELTA



DELTA COOLING TOWERS

TMX Series™

Induced Draft, Counter Flow Design

300 to 3,250 Ton Single Modules



DIRECT DRIVE AIR MOVING SYSTEM

Totally enclosed premium efficiency cooling tower motors power multiple fiber-reinforced polypropylene axial propeller fans within polyethylene velocity recovery stack.

NOZZLE WATER DISTRIBUTION SYSTEM

Non-clog large orifice removable nozzles evenly distribute the water.

DRIFT ELIMINATOR

Three pass PVC drift eliminator prevents water droplets from leaving the tower.

FILL MATERIAL

High efficiency PVC cellular design for maximum cooling.

INDEPENDENT CELL CAPABILITY

Independent cells allow isolation of cells for operational flexibility.

LIGHTWEIGHT AND HEAVY-WALL

Plastic is lighter than conventional cooling towers and integrated heavy-wall is more than 10 times the average wall thickness of metal towers.

LEAK-PROOF SUMP

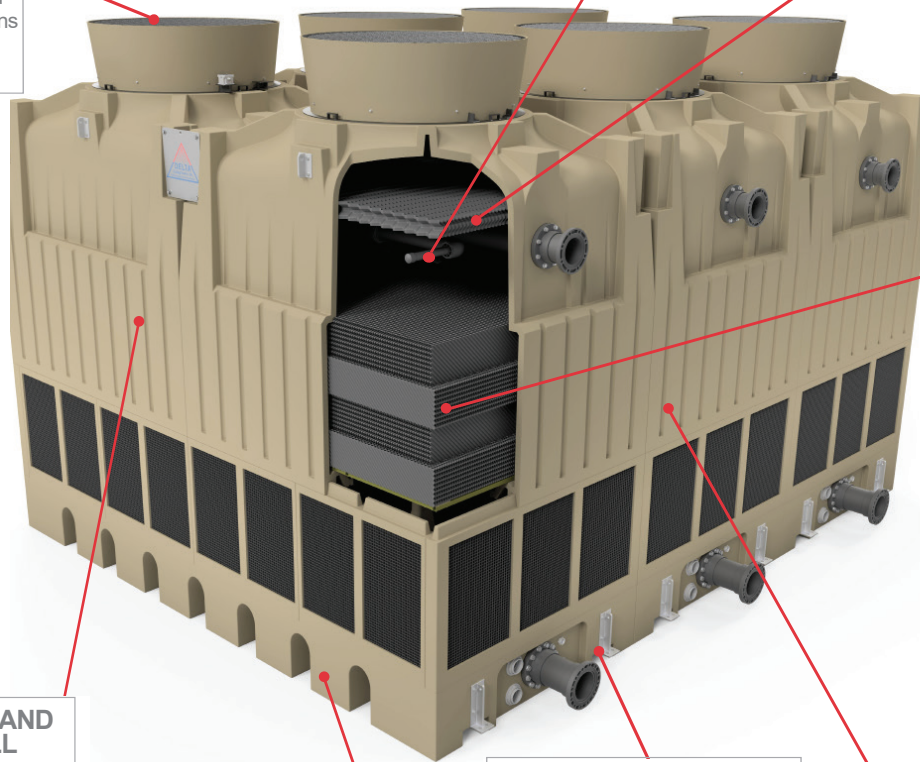
Molded as a unitary (one-piece) structure that has no joints to leak or require recaulking and sealing. Sloped from end and sides toward outlet.

SELF SUPPORTING PLASTIC BASE

Tower can be set on flat surface or on I-beams placed in integrally molded I-beam pockets for elevated installations.

NON-CORRODING SHELL

HDPE plastic construction cannot corrode and is backed by 20-year warranty.



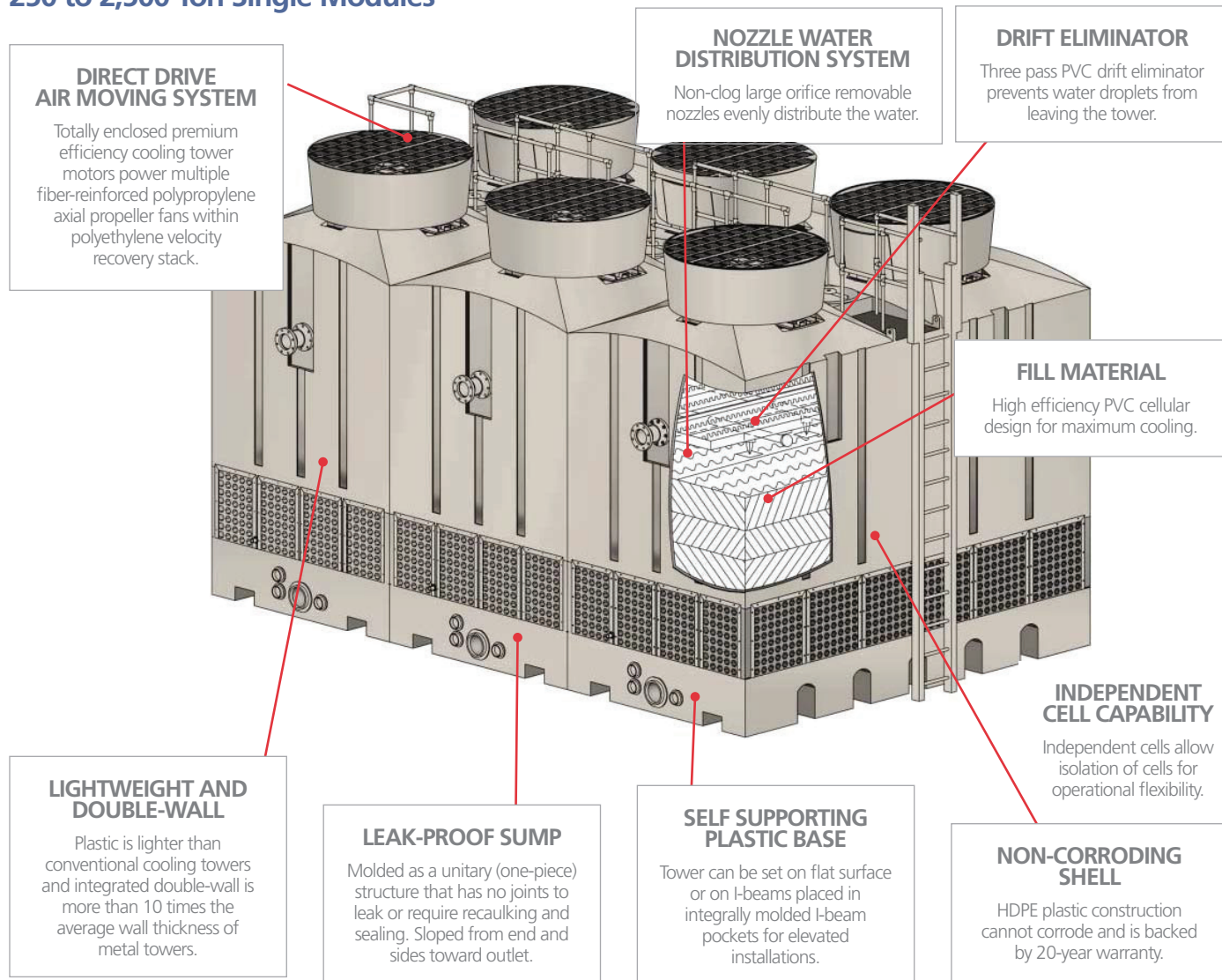
Model Group	Approximate Shipping	Weight Operating	Dimensions L X W x Ht	Capacity Tons	Fan Motor HP	Sump Capacity Gallons
1 Cell	7,800	14,640	20.5' x 8.5' x 17.6'	309-600	6-50	576
2 Cell	15,840	29,520	20.5' x 17.1' x 17.6'	604-1172	12-100	1125
3 Cell	23,760	44,280	20.5' x 25.8' x 17.6'	1029-1721	30-150	1728
4 Cell	31,680	59,040	20.5' x 34.3' x 17.6'	1349-2256	40-200	2304
5 Cell	39,600	73,800	20.5' x 42.9' x 17.6'	1650-2760	50-250	2880
6 Cell	47,520	88,560	20.5' x 51.5' x 17.6'	1943-3251	60-300	3456

The information, recommendations and opinions set forth herein are offered solely for your consideration, inquiry and verification, and are not, in part or total, to be construed as constituting a warranty or representation for which we assume legal responsibility.

TM Series™

Induced Draft, Counter Flow Design

250 to 2,500 Ton Single Modules



Model Group	Approximate Shipping	Weight Operating	Dimensions L X W x Ht	Capacity Tons	Fan Motor HP	Sump Capacity Gallons
1 Cell	5,020	10,670	16.5' x 8.5' x 14.8'	265-428	6-30	480
2 Cell	10,040	21,340	16.5' x 17.0' x 14.8'	518-836	12-60	960
3 Cell	15,060	32,010	16.5' x 25.5' x 15.8'	846-1224	30-90	1400
4 Cell	20,080	42,680	16.5' x 34.0' x 15.8'	1104-1610	40-120	1920
5 Cell	25,100	53,350	16.5' x 42.5' x 15.8'	1362-2002	50-150	2400
6 Cell	30,120	64,020	16.5' x 51.0' x 15.8'	1610-2400	60-180	2880

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DELTA COOLING TOWERS

Paragon™

Induced Draft, Counter Flow Design

55 to 250 Ton Single Modules



NON-CORRODING SHELL

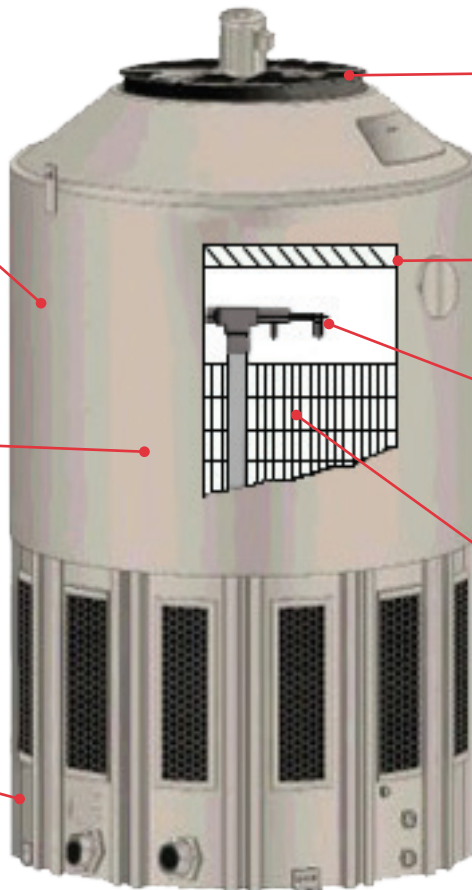
HOPE plastic construction can not corrode and is backed by 20-year warranty.

LIGHTWEIGHT AND HEAVY DUTY

Plastic is lighter than conventional cooling towers and average wall thickness is 5-10 times sheet metal towers.

LEAK-PROOF--SUMP

Molded as unitary (one-piece) structure that has no joints to leak or require recaulking and sealing.



DIRECT DRIVE AIR MOVING SYSTEM

Totally enclosed premium efficiency cooling tower motor powers fiber-reinforced polypropylene axial propeller fan.

DRIFT ELIMINATOR

Three pass PVC drift eliminator prevents water droplets from leaving the tower.

NOZZLE WATER DISTRIBUTION SYSTEM

Non-clog large orifice removable nozzles evenly distribute the water.

FILL MATERIAL

High efficiency spiral wound PVC cellular design for maximum cooling.

Model Number	Approximate Shipping	Weight Operating	Dimensions Dia x Ht	Capacity Tons	Fan Motor HP	Sump Capacity Gallons
ΔT-55I	1,640	3,980	84" x 146"	55	2	330
ΔT-70I	1,640	4,050	84" x 146"	70	3	330
ΔT-85I	1,640	4,070	84" x 146"	85	5	330
ΔT-100I	1,640	4,235	84" x 146"	100	5	330
ΔT-125I	1,710	4,310	84" x 146"	125	7.5	330
ΔT-150I	2,205	5,570	95" x 178"	150	7.5	468
ΔT-175I	2,350	5,810	95" x 178"	175	10	468
ΔT-200I	2,850	8,440	114" x 210"	200	10	718
ΔT-250I	3,300	8,640	114" x 210"	250	15	718

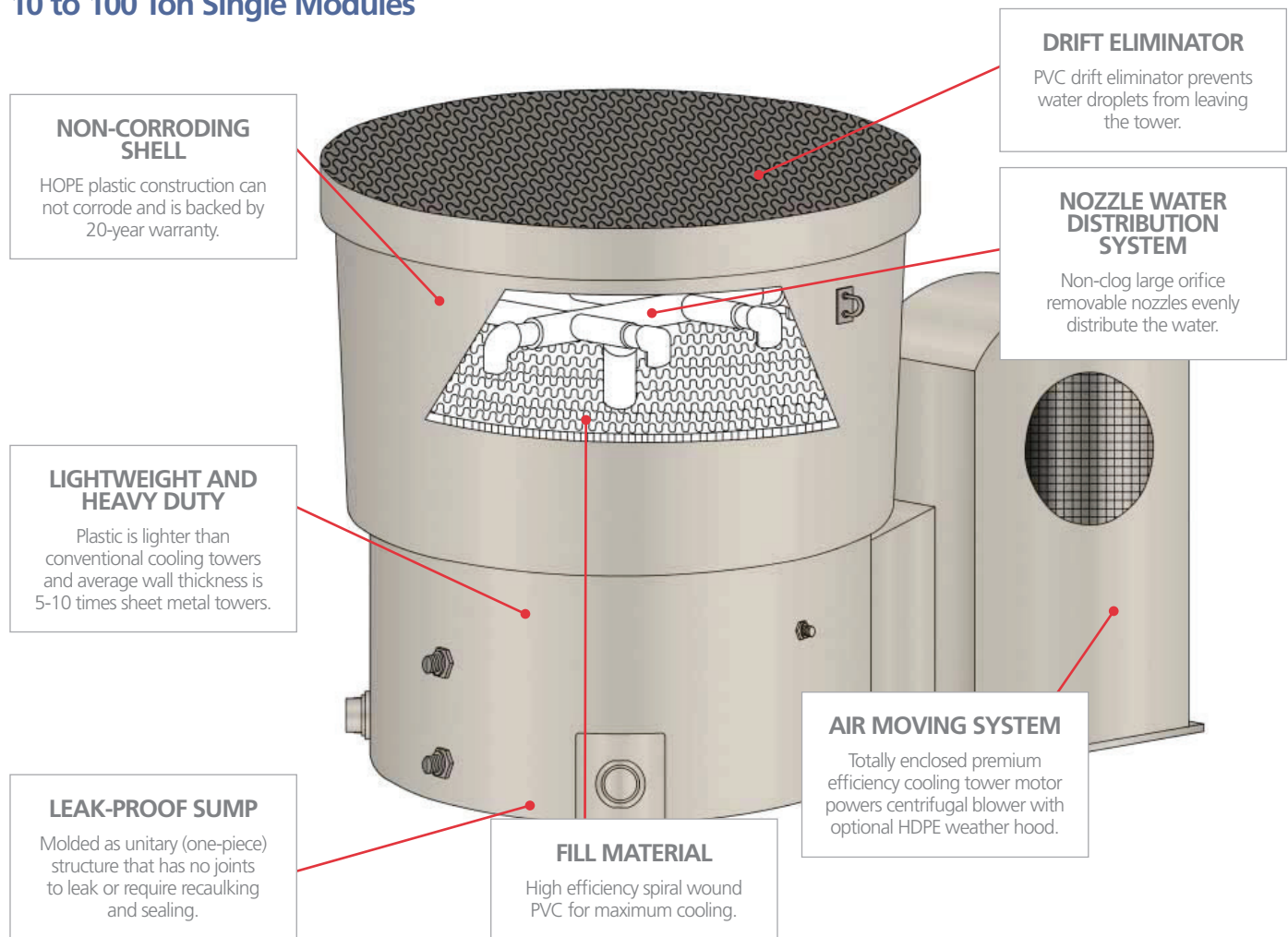
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DELTA COOLING TOWERS

Pioneer™

Forced Draft, Counter Flow Design

10 to 100 Ton Single Modules



Model Number	Approximate Shipping	Weight Operating	Dimensions Dia x Ht	Capacity Tons	Fan Motor HP	Sump Capacity Gallons
Δt-10	350	705	38" x 78"	10	1	40
Δt-15	360	725	38" x 78"	15	1.5	40
Δt-20	385	750	38" x 78"	20	2	40
Δt-25	405	765	38" x 78"	25	3	40
Δt-30	710	1,500	56" x 76"	30	5	40
Δt-40	730	1,525	56" x 76"	40	5	75
Δt-50	910	2,610	80" x 80"	50	5	157
Δt-75	970	2,675	80" x 80"	75	7.5	157
Δt-100	1,030	2,730	80" x 80"	100	10	157

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Anti-Microbial

NON-CORRODING TOWER SHELL

Anti-microbial HDPE resin.

LIGHTWEIGHT AND HEAVY DUTY

Withstands most aggressive
chemical treatments.

ANTI-MICROBIAL

Fully compounded throughout
resin resists biofilm growth.

ANTI-MICROBIAL DRIFT ELIMINATOR

PVC drift eliminator
prevents water droplets from
leaving the tower.

ANTI-MICROBIAL TOWER FILL

Inhibits the growth of
microorganisms and biofilm.

We begin manufacturing with anti-microbial resin, which is fully compounded into base cooling tower plastic material. Our anti-microbial additives operate on the cellular level to **continuously disrupt and prevent** uncontrolled growth of the microorganisms and biofilm.



According to the Center for Disease Control and Prevention, about 5,000 cases of Legionnaires' disease are now reported each year in the United States.

Test Results

The bacteria tested were legionella pneumophila serogroup 1. The base materials tested were Delta compounded HDPE, FRP, and stainless steel. The numbers reflect the bacterial count after 24 hour incubation.

Cooling Tower Shell	Anti- Microbial Efficacy
Delta AM HDPE	Yes
Stainless steel	No
FRP	No
Cooling Tower Fill	Anti- Microbial Efficacy
Accushield™ Fill	Yes
Standard Fill	No

Design Minimizes Legionella Risk

- Aggressive slope side-to-side, TM Series.
- 3% slope back-to-outlet, TM Series.
- Prevents stagnant corner water typical in flat bottom towers.
- Basin sweeper systems also available.

Stagnant water is a breeding ground for microorganisms which reproduces legionella.

Options & Accessories

Standard Features

- HDPE Shell
- Non-Corroding Construction
- Non-Clog PVC Water Distribution System
- Highest Energy Efficiency
- Premium Efficient Cooling Tower Duty Motors
- PVC Fittings



Options

- Filter / Water Treatment Accessories
- Thermostatic Fan On-Off Control
- Ladders with Landing Platforms
- Pumps / Pump Skids
- Control Panels/VFDs
- Indoor Storage Tanks
- Anti-Freeze Control Sump Packages
- High Temp / Dirty Water Fill
- Other Accessories Available

EXPERIENCE

50+ Years of Cooling Tower Manufacturing Experience

Since 1970 Delta has provided cooling towers that stand up to process conditions and the outdoor elements like no other cooling tower. Delta has coupled the maintenance-free seamless plastic construction with many other design features consistent with trouble-free longevity. The unitary engineered plastic shell of the tower carries the industry best 20-year warranty.

CUSTOMIZE YOUR COOLING TOWER

You Decide How You Want Your Delta Tower

Do you have any special requirements for your cooling tower? Fitting locations, bottom outlets, gravity drain, oversized fittings, pump suction, high temperatures, space restrictions? Delta has a "Can-Do" orientation and we would be glad to talk through your unique requirements and provide the best solution for your application.

PACKAGED COOLING SYSTEMS

Delta manufactures packaged cooling systems for a wide range of applications. These systems include cooling towers plus a skid-mounted system that can include pumps, controls, heat exchangers, piping, valves, instruments and other optional items. Manufactured to allow simple installation at a customer site. Typically, installation of these systems requires only external piping and electrical power connections.



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DELTA COOLING TOWERS

Why Delta?

Who We Are

- Over 50 years of experience
- Vertically Integrated Manufacturing
- World-class service team
- Made in the USA supporting global industry
- Continuous innovative improvement

Where We Came From

In December 1970, three visionary engineers set out to change the cooling tower industry. Having been around a metal tower manufacturer, they saw firsthand how corrosion and short lifespans plagued traditional designs. Determined to find a better solution, they pioneered the use of high-density polyethylene (HDPE) — a durable, non-corrosive engineered plastic — to create longer-lasting cooling towers.

Their first innovation, a 50-ton HDPE cooling tower, was shipped to Oregon and proved to be a remarkable success. As demand grew, so did Delta Cooling Towers, consistently expanding our product line with new advancements every few years. Today, we offer single-unit systems with capacities of up to 3,250 cooling tons.

For over 50 years, Delta Cooling Towers has led the industry through innovation, quality, and resilience. Our founders refused to compromise — and we proudly carry that legacy forward. From HVAC to industrial process cooling, we continue to deliver cutting-edge solutions that improve efficiency, reduce downtime, and maximize cost savings.

Delta Cooling Towers — Engineered to Outlast. Built to Perform.

Why Delta Cooling Towers Leads the Industry

When reliability, performance, and long-term value matter, Delta Cooling Towers is the choice. Our customers demand cooling tower solutions that deliver **maximum uptime**, **exceptional durability**, and **reduced installation and operating costs** — and that's exactly what we provide.

Delta is the **only cooling tower manufacturer** to offer a **20-year warranty** and a **seamless, non-corroding HDPE shell**, setting a new standard for longevity and performance. We address critical concerns faced by both HVAC professionals and industrial operators who depend on cooling towers to protect and optimize their essential processes.



The Delta Difference

- **Engineered Plastic Construction:** Outlasts metal towers and cannot corrode, even in the harshest environments.
- **Minimal Downtime:** Maintenance needs are significantly reduced thanks to durable materials and direct-drive fans, no belts or gear drives, less moving parts equals more uptime reliability.
- **Environmentally Friendly:** Save water by running higher cycles of concentration without harming tower.
- **Anti-Microbial Options:** Available with anti-microbial compounded resins that help prevent Legionnaires' Disease and other microbial growth.
- **Faster Installation:** Lightweight, pre-assembled units make for a quicker and more cost-effective installation.

Delta Cooling Towers are built not just to perform — but to endure for many years of trouble free operation.



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