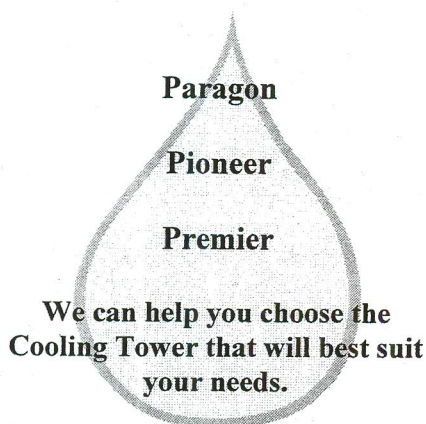
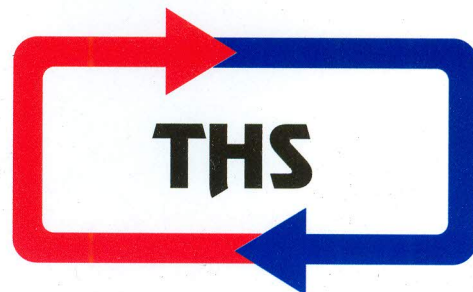


# Evaporative Cooling Towers



**Savings in Water Consumption**

## STANDARD FEATURES:

- Non-Corrosive Seamless One Piece Polyethylene Shell.
- Self Propelled PVC Water Distribution System.
- Continuous PVC Spiral Wrapped Fill & Wet Deck.
- PVC Inlet, Outlet, Overflow, Drain, & Make-Up connections.

## THS Cooling Towers:

- Available in three different configurations sizes ranging from 10 - 1000 Tons.
- Installation Savings due to the fact that all units are Fully Factory Assembled.
- 15 Year Shell Warranty(Seamless Shell).
- All units are Manufactured in the USA.

## OPTIONAL FEATURES

- Two Speed Motors
- Motor Space Heaters
- Thermostatic On/Off Fan Control
- Aluminum Ladder
- Ladder Safety Cage
- Corrosive Fan Protection Coating
- Anti-Freeze Immersion Heater
- Electric Water Control Package
- Fan Vibration Cut-Out Switch
- Control Panels
- Indoor Water Storage Tanks
- Pumps & Pump Packages

**Technical Heat Transfer Services, Inc.**

**P.O. Box 801**

**Amherst, NY 14226-0801**

**Phone: 716-743-1855**

**Fax: 716-743-0124**



## Forced Draft Cooling Towers 10 to 400 ton cooling systems

### CORROSION-PROOF SHELL

HDPE Plastic Construction can not corrode and is backed by 15 Year Warranty.

### DRIFT ELIMINATOR

PVC drift eliminator prevents water droplets from leaving the tower.

### LIGHTWEIGHT AND HEAVY DUTY

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

### NOZZLE WATER DISTRIBUTION SYSTEM

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

### LEAK-PROOF SUMP

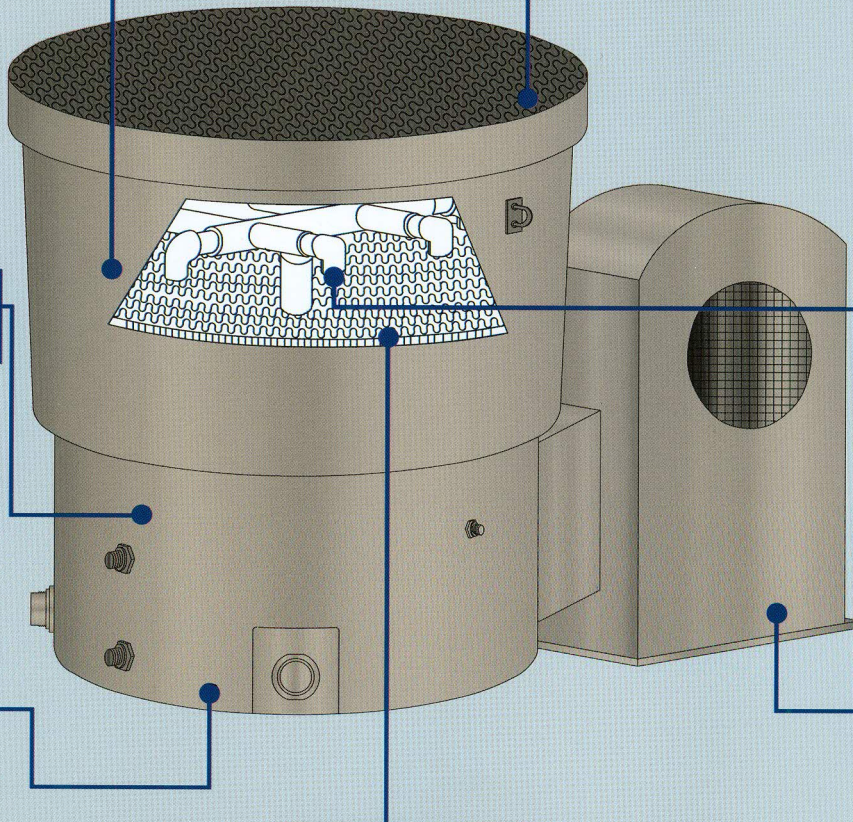
Molded as Unitary (One-Piece) Structure that has no joints to leak or require re-caulking and sealing.

### FILL MATERIAL

High efficiency spiral wound PVC for maximum cooling.

### AIR MOVING SYSTEM

Totally enclosed cooling tower motor powers centrifugal blower with optional HDPE weather hood.



Model Number	Approximate Weight		Dimensions	Capacity	Fan Motor	Sump Capacity
	Shipping	Operating	Dia. x Ht.	Tons	HP	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	1500	56" x 76"	30	5	75
Δt-40	730	1525	56" x 76"	40	5	75
Δt-50	910	2610	80" x 80"	50	5	157
Δt-75	970	2675	80" x 80"	75	7.5	157
Δt-100	1030	2730	80" x 80"	100	10	157

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## Induced Draft Cooling Tower 100 to 1000 ton cooling systems

### CORROSION-PROOF SHELL

HDPE Plastic Construction can not corrode and is backed by 15 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 re-caulking and sealing.

### DIRECT DRIVE AIR MOVING SYSTEM

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

### FILL MATERIAL

High efficiency spiral wound PVC cellular design for maximum cooling.

### DRIFT ELIMINATOR

Polyethylene drift eliminators prevent water droplets from leaving the tower.

### WATER DISTRIBUTION SYSTEM

Self-propelled multiple PVC rotating arm system evenly distributes the water.

Model Number	Approximate Weight		Dimensions Dia. x Ht.	Capacity Tons	Fan Motor HP	Sump Capacity Gallons
Shipping	Operating					
ΔT-100I	1510	4235	84" x 146"	100	5	330
ΔT-125I	1585	4310	84" x 146"	125	7.5	330
ΔT-150I	1785	5570	95" x 178"	150	7.5	468
ΔT-175I	1925	5810	95" x 178"	175	10	468
ΔT-200I	3170	8440	114" x 210"	200	10	718
ΔT-250I	3365	8640	114" x 210"	250	15	718

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# TM SERIES™

## Induced Draft Cooling Towers 250 to 20000 ton cooling systems

### DIRECT DRIVE AIR MOVING SYSTEM

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

### FILL MATERIAL

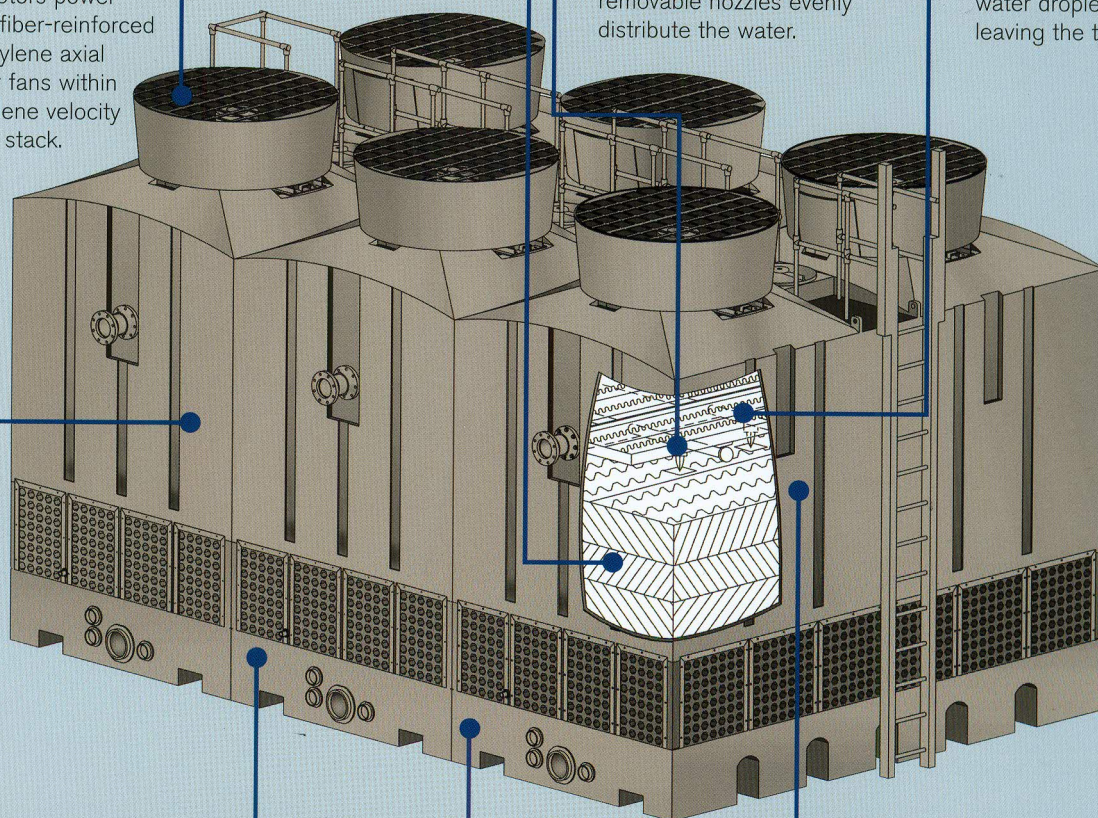
High efficiency PVC cellular design for maximum cooling.

### 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.



### LIGHTWEIGHT AND DOUBLE-WALL

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

### LEAK-PROOF SUMP

Molded as Unitary (One-Piece) Structure that has no joints to leak or require re-caulking and sealing.

### 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.

### CORROSION- PROOF SHELL

HDPE Plastic Construction can not corrode and is backed by 15 Year Warranty.

### INDEPENDENT CELL CAPABILITY

Independent Cells allow isolation of cells for operational flexibility.

Model Group	Approximate Weight Shipping	Operating	Dimensions L x W x Ht.	Capacity Tons	Fan Motor HP	Sump Capacity Gallons
1 Cell	5020	10670	16.5' x 8.5' x 15.5'	250-425	10-30	480
2 Cell	10040	21340	16.5' x 17.0' x 15.5'	460-820	20-60	960
3 Cell	15060	32010	16.5' x 25.5' x 16.5'	700-1200	30-90	1400
4 Cell	20080	42680	16.5' x 34.0' x 16.5'	910-1580	40-120	1920
5 Cell	25100	53350	16.5' x 42.5' x 16.5'	1120-1710	50-120	2400
6 Cell	30120	64020	16.5' x 51.0' x 16.5'	1340-2020	60-120	2880

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