



*since 1985*

*[www.coolingtowerfabricators.com](http://www.coolingtowerfabricators.com)*



## **COOLINGTOWER FABRICATORS PRIVATE LIMITED**

### **Introduction**

**We are team of experienced, hard-working people. Having worked since 1981 on various types of Cooling Towers, we have got solution to any problem in Cooling Towers. Our people are covered under benefits like ESIC, PF schemes. Our company is also registered for BST, CST, WCT and Profession Tax Numbers. We assure you that if we are given an opportunity to provide our services in your esteemed organization, we can bring out best of the results up to your satisfaction.**

### **SERVICES PROVIDED BY COOLINGTOWER FABRICATORS PRIVATE LIMITED.**

#### **1. Performance testing and up gradation.**

Cooling tower fabricators will provide you with a complete detailed report, analysis of current operation, and replacement part recommendations for your existing equipment. As the cooling tower specialists, we are ideally qualified to provide an expert inspection and evaluation of your cooling tower system and make recommendations to improve the efficiency and life of your evaporative cooling equipment, We understand how cooling tower works and why it fails thermally. Accordingly there is a very well established procedure to inspect, analyze and remedy the problems faced by the cooling tower. Cooling tower is inspected by experienced team of engineers who survey the whole cooling tower, take measurement of various critical parameters and present them in well designed data sheet. A cost benefit analysis is also done for the customer to select the best economic option.

*The benefits of such an assessment of your existing cooling tower system include:*

- 1. Optimizing the efficiency of your existing cooling towers.**
- 2. Extending the life of your existing cooling towers.**
- 3. Making an informed decision on upgrades or replacements.**
- 4. Accurate budgeting for maintenance and or replacement.**

**You will be provided with:**

- 1. Detailed Inspection Report.*
- 2. Performance report.*
- 3. Parts needed to be replaced or serviced.*

## 2. Preventative Maintenance Services & Agreement.

Our plans for routine maintenance are setup so that you can get the most life out of your equipment and save money. To maximize the operating life of your evaporative cooling system, your CTF can provide preventive maintenance services which will reduce the potential for unplanned downtime due to equipment failure and keep it operating at peak efficiency. WE can provide you with services that are custom tailored to your equipment and operational requirements.

You will be provided with:

- *Periodic Inspection Reports.*
- *Emergency Repairs*
- *General Mechanical and Structural Repairs*
- *Regularly scheduled preventive maintenance.*
- *Detailed testing, measurement and analysis of critical system components .*
- *Routine maintenance will involve checks and adjustments to all parts of the cooling tower including, fans, belts, pulley, motors, sprays, drift eliminators, fill, float valves, basin, pipework, coils, dosing etc*

## 3. Suite of specialized services, customized to meet your unique requirements.

### Equipment Upgrade

Often demands on your evaporative equipment have increased since the original specification requirements and installation of your cooling system. We can evaluate the operating efficiency and capacity of your existing system and make Equipment Upgrade recommendations that will improve system performance and extend the useful life of your equipment.

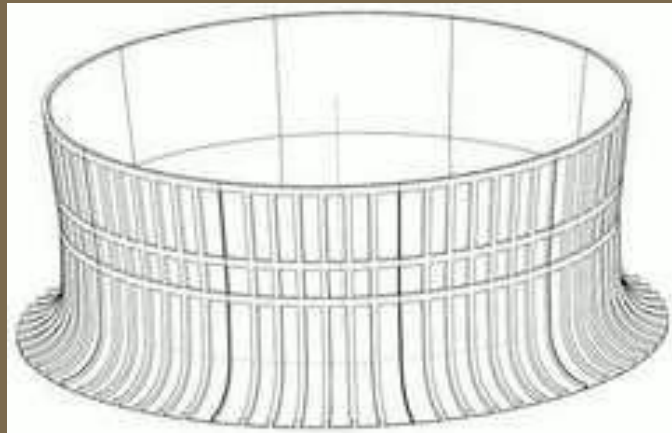
*You will be provided with:*

- *Inspection and operating condition report*
- *Detailed recommendation on upgrades to improve performance.*
- *Installation and testing of new components by factory trained technicians.*
- *Cooling Towers & Fabricators backed service warranty.*
- *Service & Parts*

The Cooling Tower Company strongly recommends that all cooling towers have a routine cleaning and maintenance program in place, to ensure that the towers operate safely, reliably and efficiently at all times.

## 4 OUR PRODUCTS.

Fan assembly ,Fan HUB, Fan stack etc.



### Performance & Operating Ranges

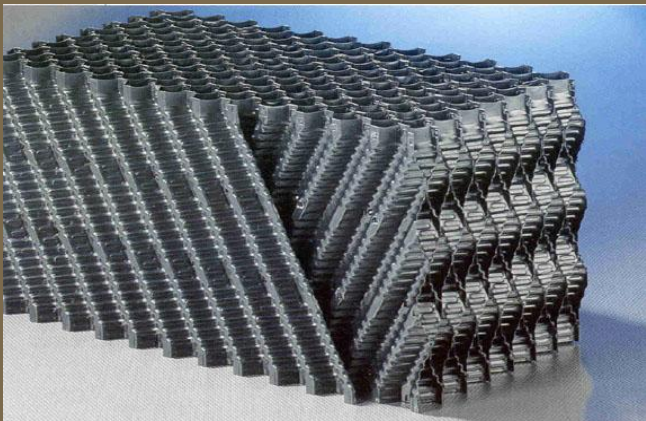
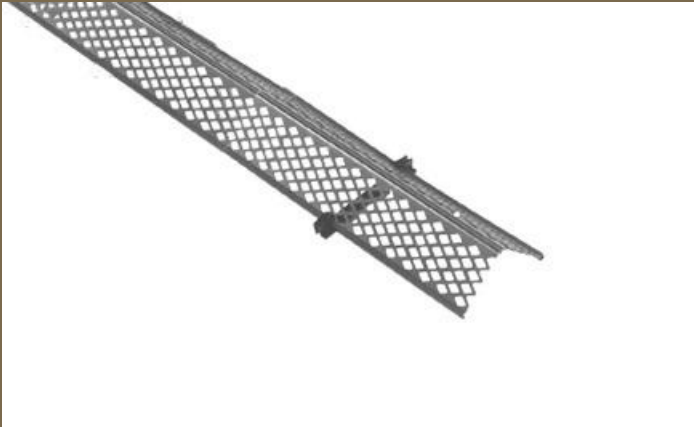
<b>Fan Diameter</b>	: 300 mm to 10360 mm (1 ft. to 34 ft.)
<b>No. of Blades</b>	: 2 to 12
<b>Air Flow</b>	: 2 to 700 m <sup>3</sup> /sec
<b>Pressure</b>	: 40 to 1600 Pa
<b>Speed</b>	: 0 to 2500 RPM
<b>Power Rating</b>	: 1 to 1000 kW
<b>Operating Temp. :</b>	-20°C to +120°C



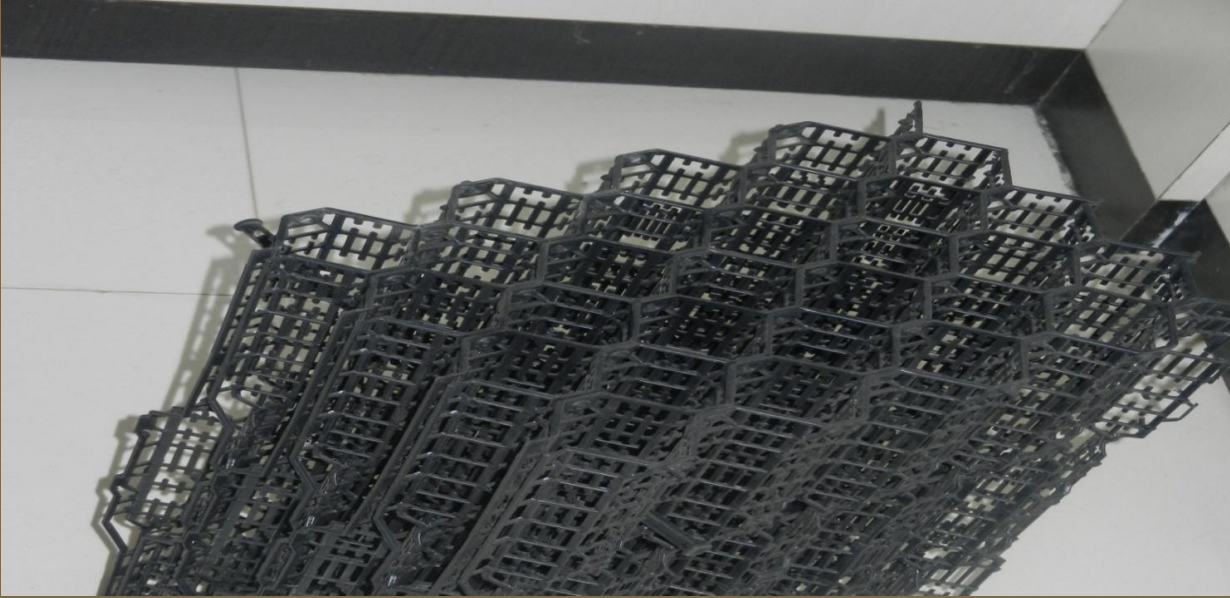
**Sigma Fills**



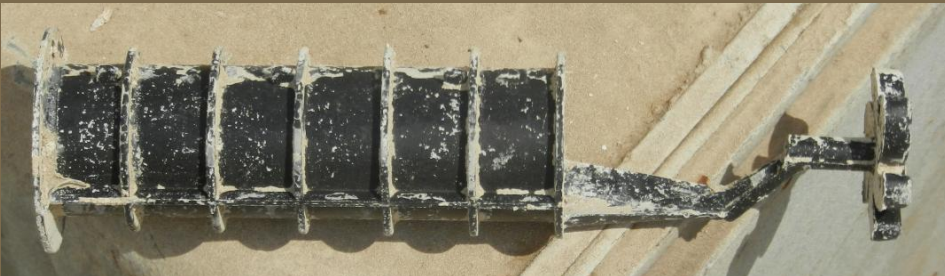
**Splash fills & V-bars etc**



## Trickle fills



## Drift eliminator, Spray nozzle,



## Adapter, Sprayer body, Deflector, Pvc Pipes etc.



