

# THRECELL COOLING TOWER

## THA SERIES

SIDE DISCHARGE CROSSFLOW COOLING TOWER



## THA Series Side Discharge Cross Flow Cooling Tower

### Design of Integrated System

THA Series is an induced draft, crossflow, rectangular, film filled cooling tower with single side air intake and side air discharge. It is specially designed for equipment cooling, industrial process cooling and air conditioning applications with space constraints.

The light weight structure and standardized components of THA tower feature easy transport, lifting and site installation. The THA Series Cooling Tower is designed in accordance to CTI & JCI standards. Performance is guaranteed with a written performance guarantee.

### Low Noise & Easy Maintenance

THA Series cooling tower features an access door with internal walkway for easier inspection of internal parts. It uses high tension v-belt reducers, which correspond to the low noise light weight axial flow fans featuring low noise operation, easy maintenance and quick replacement.

### Light Weight, Less Space and Multi-Cell Installation

THA features lighter operational weight and less installation space. Also the combinative multi-cell structure is suitable for large cooling requirement and future expansion.

### Unique Distribution System & Efficient Heat Exchange

Gravitational distribution systems features low pressure and slow water flow which can prolong cooling duration and ensure cooling efficiency.

### Low Electrical Power Consumption

The high efficient hydrodynamic "venturi-tube" fan stack with high efficient low-resistance filling facilitates good ventilation and reduction of fan motor power to save electrical power.

### Durableness & Low Maintenance Cost

THA tower components are made of weather-proof and anti-corrosive materials. Casing, Fan stack, basin and access-door are made by F.R.P. Filling are by P.V.C. Supporting rack is by light weight steel. All steel parts are hot-dip-galvanized for high durability at low cost.

### Customization Options & Add Ons

THA Series is customizable to site space constraints and client's requirements. Optional add on items such as spring isolator, handrail & caged ladder, hot water basin cover, extended discharge hood, etc. are available.





# THRECELL COOLING TOWER

## THR SERIES

INDUCED DRAFT CROSS FLOW COOLING TOWER



Energy Saving . Low Noise

# THR

# PRODUCT OVERVIEW

THR series is a low noise, open circuit induced draft cross flow cooling tower with compact footprint and easy access to the internal parts of the cooling tower for maintenance. The compact modular design saves space, offers lighter weight, and lower operating cost. It is suitable for equipment cooling, industrial process cooling and air conditioning applications. The THR series is designed in accordance to CTI & JCI standards, with guaranteed thermal performance.



### Super Low Noise

THR Series cooling tower uses high tension v-belt reducers, which correspond to the low noise axial fans with lower rotation speed significantly reduces the noise level.



### Maintenance Friendly

Instant and tool-free access to the internal of the cooling tower for periodic maintenance and inspection. The access door allows service team to enter the cooling tower reduces down time and maintenance cost.



### Energy Saving

The combination of high efficiency fan, high performance fills, and gravitational low pressure flow improves energy consumption.



### Small Footprint and Multi-Cell Installation

Optimization of air volume and high performance fills greatly reduces tower dimension and provides space saving and lower operating weight benefits. The THR features smaller footprint, and also the combinative multi-cell structure is suitable for large cooling requirement and future expansion.



### Long Service Life

The THR cooling tower components are made of weatherproof and anticorrosive materials. Casing is constructed of anti-ultraviolet FRP which features soundproof and non-decayed merits with fine streamline outlook. Basin are made by F.R.P. Supporting structure is made of light weight steels. All the steel parts are hot dip galvanized so as to prolong the service life.



### Design & Customization

The THR are able to customize cooling tower design to suit your needs. Such as replacement of existing cooling tower to sit back existing plinth dimension, or utilize lower energy motor consumption. Our cooling tower engineers will come up with a cooling tower system designs that will be the best solution for your commercial or industrial properties.

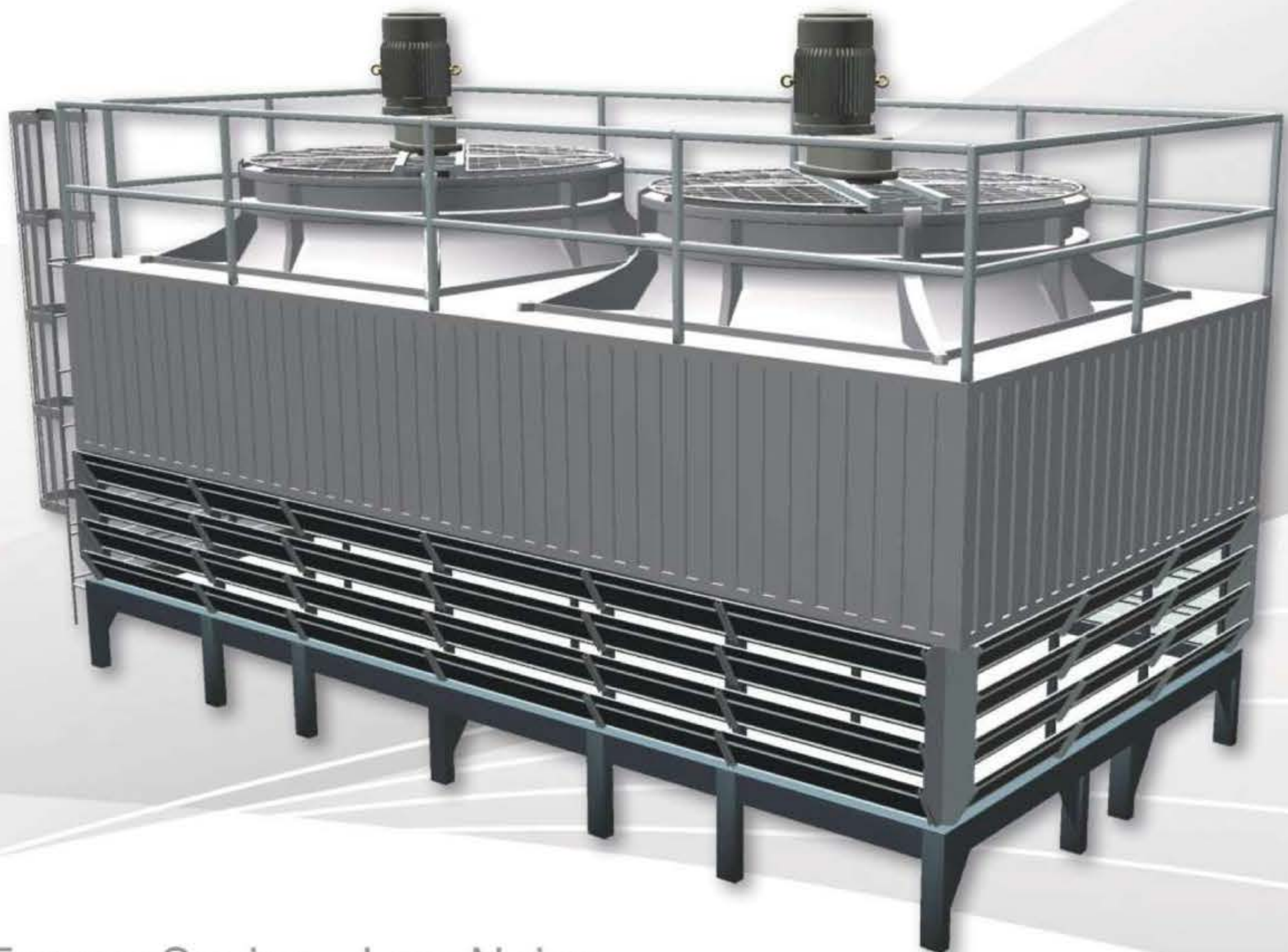




# THRECELL COOLING TOWER

## THD SERIES

INDUCED DRAFT COUNTER FLOW COOLING TOWER



Energy Saving . Low Noise



# THRECELL COOLING TOWER

## THD SERIES

INDUCED DRAFT COUNTER FLOW COOLING TOWER



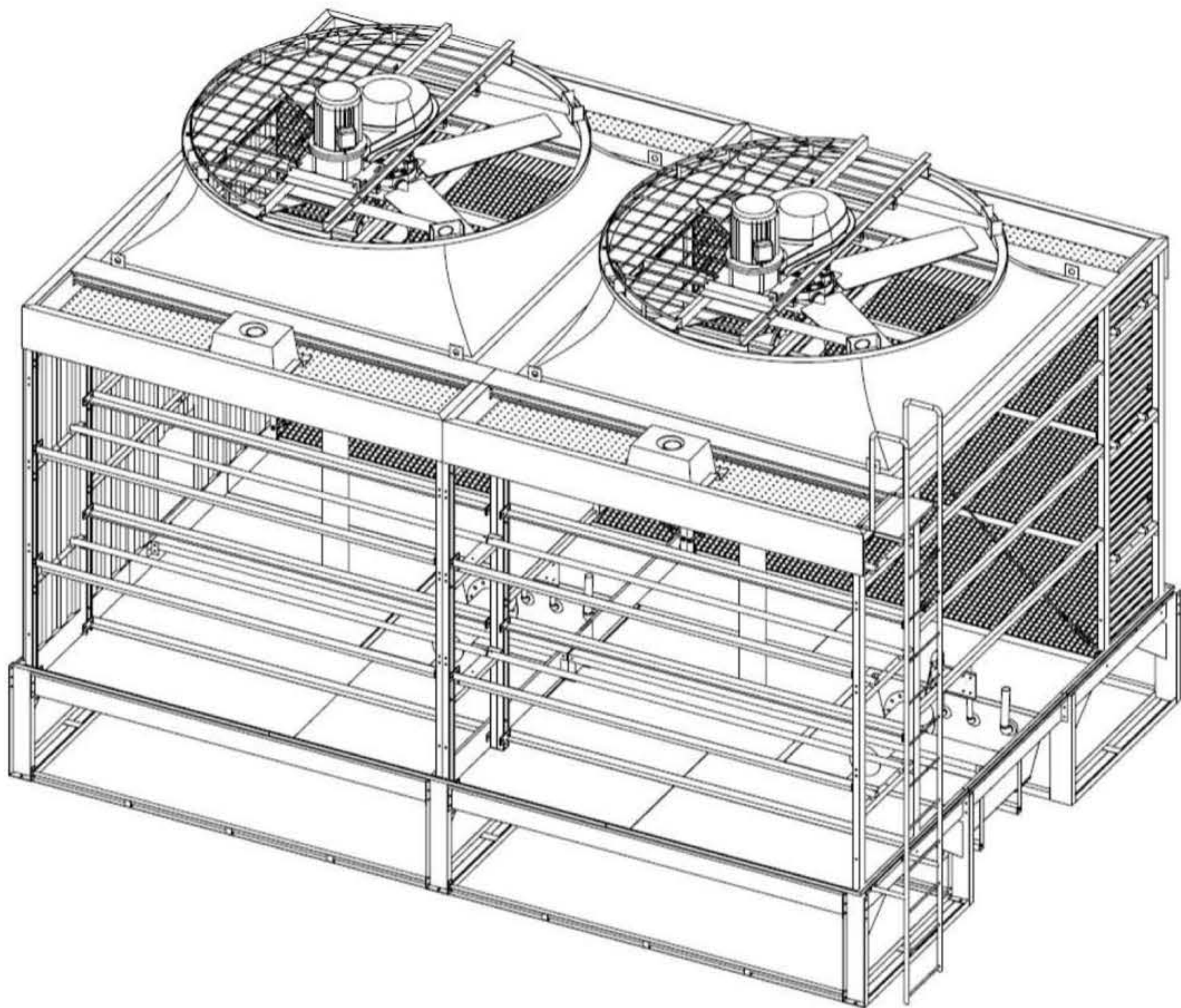
Energy Saving . Low Noise



# THRECELL COOLING TOWER

## Cooling Tower Replacement Parts

For all your cooling tower needs



# Replacement Parts

FOR ALL COOLING TOWER TYPES

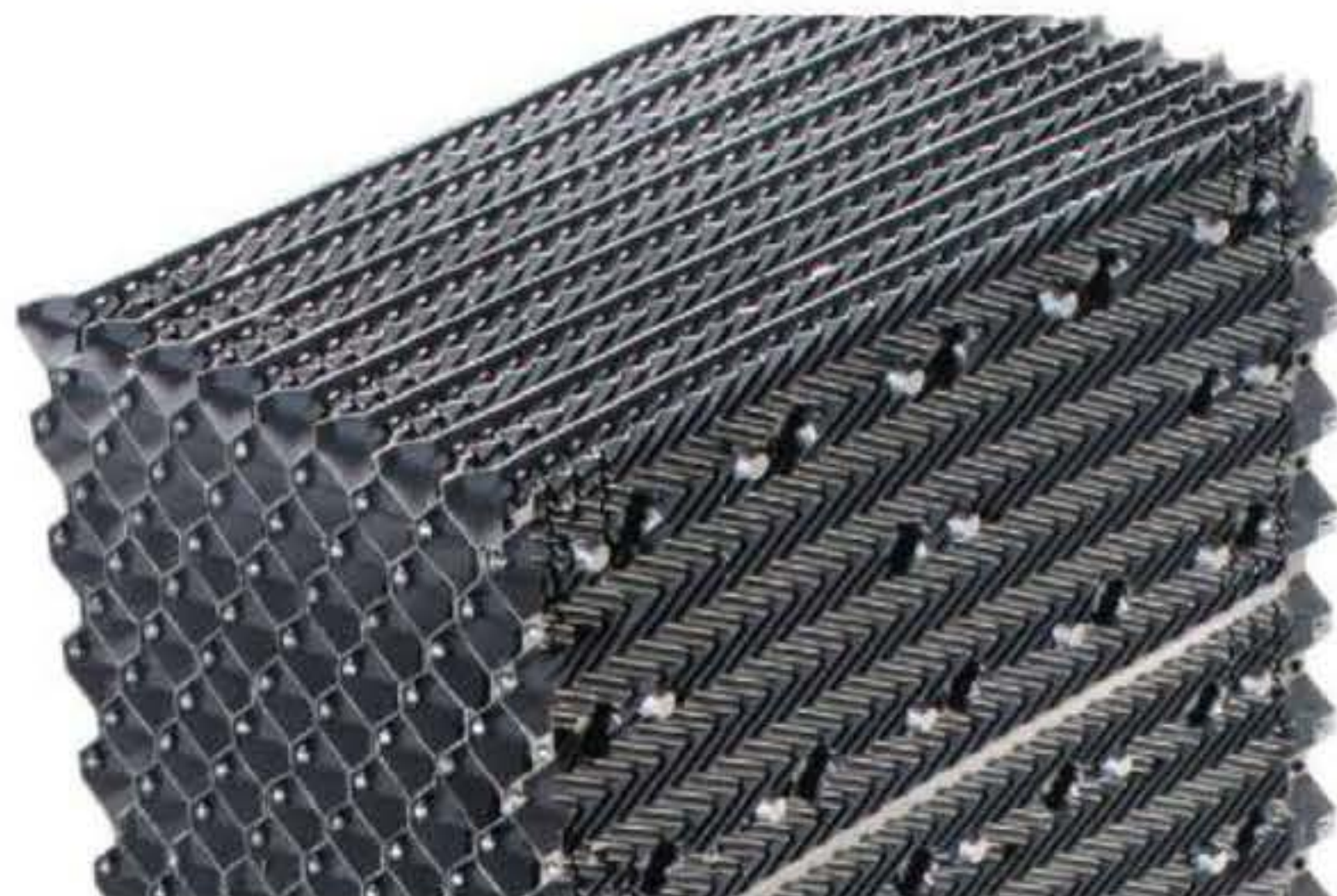
Our parts are available for all cooling tower types and brands. When your maintenance and repair projects demand reliability, count on us for your cooling tower components.



Drift Eliminator



Counter Flow Fill



Cross Flow Fill



# Replacement Parts

FOR ALL COOLING TOWER TYPES

Out parts are available for all cooling tower types and brands. When your maintenance and repair projects demand reliability, count on us for your cooling tower components.



Axial Fans



Motors



Belts