

LATHA INDUSTRIES



STRONG. RELIABLE. COOL



**INNOVATIVE  
COOLING SOLUTIONS FOR  
EVERY INDUSTRY!**

[WWW.LATHACOOLINGTOWERS.COM](http://WWW.LATHACOOLINGTOWERS.COM)



## About Latha Cooling Towers

At Latha Cooling Towers, we specialize in designing and manufacturing high-performance industrial cooling solutions tailored for various industries. With expertise in FRP, RCC, and Wooden Cooling Towers, we provide durable, efficient, and cost-effective cooling systems to meet diverse industrial needs.



### Innovative Designs

Advanced engineering for maximum cooling efficiency.



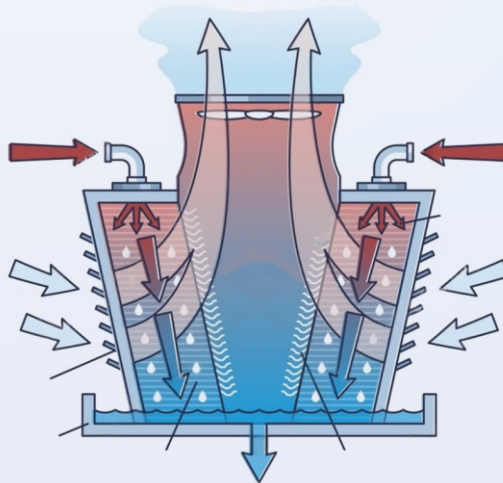
### Reliable Performance

Built to last with corrosion-resistant materials.



### Custom Solutions

Tailored cooling towers for power plants, HVAC, manufacturing, and more.

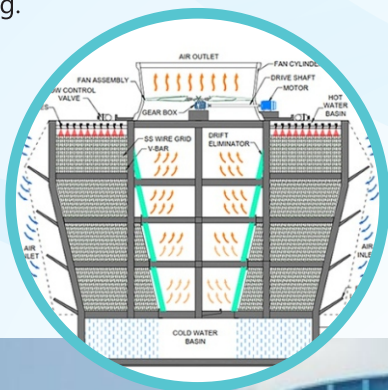


**Engineered for Efficiency, Built for Reliability!**

# PULTRUDED FRP CROSS FLOW COOLING TOWER

**Efficient | Durable | Corrosion-Resistant**

Our Pultruded FRP Cross Flow Cooling Towers are engineered using advanced pultrusion technology, creating strong, reinforced composite structures for reliable and efficient cooling.



## Innovative Pultrusion Process:

By pulling fiberglass and reinforcement materials through a resin bath and shaping die, we achieve a durable, corrosion-resistant FRP structure designed for long-term performance.

## Optimized Cross Flow Design:

The cross-flow configuration allows horizontal air movement across falling water, maximizing heat dissipation while minimizing pressure drop.



## Why Choose Our Pultruded FRP Cross Flow Cooling Towers?

- ✓ Corrosion Resistance: Ideal for harsh industrial environments.
- ✓ Lightweight & Strong: High strength-to-weight ratio for easier handling and installation.
- ✓ Efficient Heat Dissipation: Optimized design for effective cooling.
- ✓ Low Maintenance: Minimal upkeep due to non-corrosive, durable materials.

**Applications: Power Generation | Chemical Processing | Steel and Metallurgy | HVAC Systems**



# WOODEN COOLING TOWERS

Natural Draft | Induced Draft | Cross Flow | Counter Flow



We specialize in manufacturing Treated Timber Cooling Towers with Natural Draft and Induced Draft configurations, available in both Cross Flow and Counter Flow designs.

## Single Cell & Multi-Cell Construction:

Our versatile designs range from single-cell to multi-cell constructions, offering unlimited capacity in multi-cell configurations. We have extensive experience in designing and delivering customized multi-cell towers to meet diverse industrial needs.



- ✓ **Durability & Longevity:** Treated timber ensures resistance to decay, moisture, and harsh weather conditions.
- ✓ **Efficient Heat Dissipation:** Our optimized cross flow and counter flow designs maximize cooling efficiency.
- ✓ **Cost-Effective Solutions:** Ideal for industries seeking effective cooling without compromising quality.
- ✓ **Customizable Designs:** Tailored to fit specific operational requirements, regardless of size or complexity.

Applications: Power Plants | Process Industries | HVAC Systems | Chemical Manufacturing

# PULTRUDED FRP COUNTER FLOW COOLING TOWERS

**Induced Draft | Counter Flow Design | Advanced FRP Structure**

We manufacture high-quality FRP Cooling Towers with Natural Draft and Induced Draft options, available in both Cross Flow and Counter Flow configurations.

Our Induced Draft Counter Flow Cooling Towers with Pultruded FRP (Fiber Reinforced Polymer) Structure offer a superior, modern alternative to traditional treated timber towers.

## **Unlimited Capacity:**

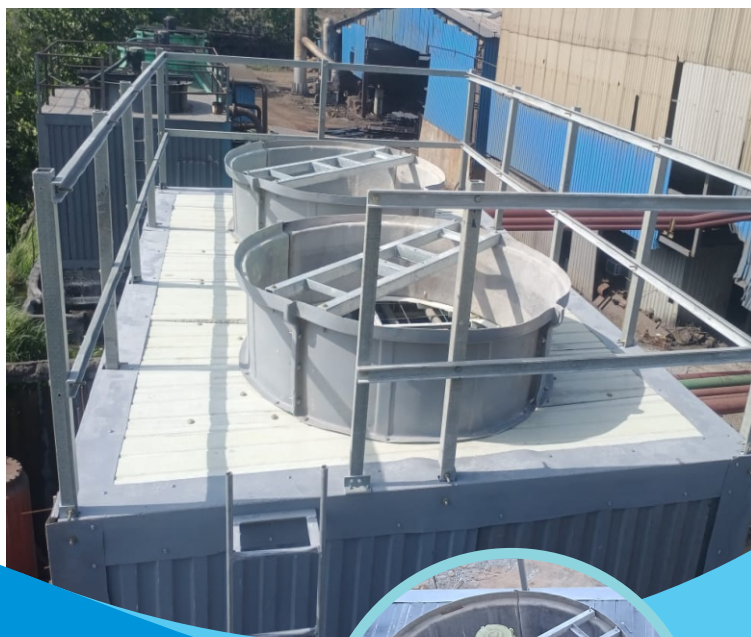
With the multi-cell design concept, there is no limitation to capacity, making these towers suitable for large-scale industrial applications.

## **Durable & Corrosion-Resistant:**

Pultruded FRP provides exceptional strength, resistance to corrosion, and long-term durability, ensuring reliable performance even in harsh environments.

## **Non-Clogging PVC Splash Bars:**

Equipped with non-clogging PVC splash bars as fill media, optimized for specific applications, ensuring efficient water distribution and enhanced cooling performance.



## **Why Choose Our Pultruded FRP Cooling Towers?**

- ✓ **Lightweight & Easy to Install:** Quick assembly with minimal maintenance.
- ✓ **Energy Efficient:** Reduced air resistance, lowering energy consumption.
- ✓ **Low Maintenance:** Resilient to corrosion, reducing repair needs.
- ✓ **Eco-Friendly Design:** Recyclable materials with a lower environmental impact.



**Power Generation | Chemical Processing | HVAC Systems | Industrial Manufacturing**



# RCC COOLING TOWERS

Counter Flow | Cross Flow | Large-Scale Solutions

Latha Cooling Towers provides RCC (Reinforced Cement Concrete) Cooling Towers in both Counter Flow and Cross Flow designs, ideal for large-scale, high-capacity cooling applications.

## Robust & Durable Construction:

Built with reinforced cement concrete, these towers are engineered to withstand harsh environments, offering long-lasting durability and stability.

## Versatile Fill Media:

Our cooling towers accommodate various fill media options tailored to your application:

- Treated Wooden Splash Bars for traditional performance
- PVC Honeycomb Fills for high thermal efficiency
- Asbestos Fills for specific industrial needs
- PVC Splash Bars for non-clogging, efficient cooling



## Why Choose Our RCC Cooling Towers?

- ✓ **High Capacity:** Ideal for large-scale industrial and commercial cooling.
- ✓ **Superior Strength:** Withstands extreme weather and industrial conditions.
- ✓ **Customizable Design:** Flexible configurations to match specific operational requirements.
- ✓ **Efficient Cooling:** Optimized for maximum heat dissipation and minimal water loss.

Industrial Cooling | Chemical Processing | Power Generation | HVAC Systems



## PP FRP PRODUCTS

### STORAGE TANK

Durable, corrosion-resistant PP FRP storage tanks designed for safe chemical storage and long-lasting performance in industrial applications.



### SCRUBBER

High-efficiency scrubbers for removing harmful gases and pollutants from industrial exhaust, ensuring cleaner emissions and environmental compliance.



### HOOD

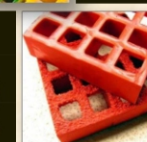
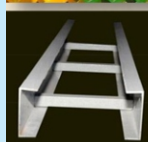
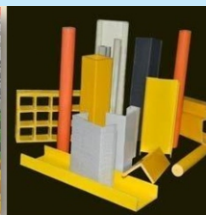
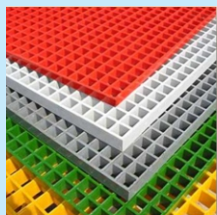
Designed to capture fumes, vapors, and heat at the source, our industrial hoods ensure a cleaner, safer working environment.



## PULTRUDED FRP PRODUCTS

Pultruded FRP products—including handrails, gratings, ladders, platforms, and walkways—provide superior strength, corrosion resistance, and weather durability. Ideal for industrial environments, they ensure long-lasting, low-maintenance, and safe access solutions."

### FRP GRATINGS



### WALK WAY



### HAND RAIL

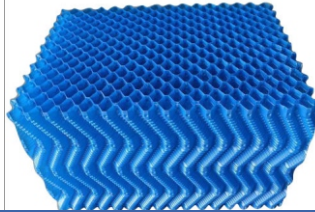




## WE ALSO DEAL IN COOLING TOWER SPARES



**COOLING TOWER MOTOR**



**PVC FILLS**



**PVC V BAR**



**ALUMINUM FAN SET**



**FRP FAN SET**



**DRY SHAFT**



**PVC NOZZLES**



**PVC ELIMINATOR**




**CROSS FLOW FILLS**




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