

The following points show the most representative features of REYMSA Cooling Towers.



## RT SERIES COOLING TOWERS

### Description

- Factory assembled Cooling Tower, open circuit, induced draft, counter flow.
- All-FRP corrosion resistant construction.
- 2,482 CTI certified models.
- Direct Drive Fan System for RT, RTU, RTM, RTP, RTUP & RTPM models.
  - RTP, RTUP and RTPM models feature a **Permanent Magnet Motor**.
- Single Fan Gear Driven models (RTG & RTGM).
  - Available in 8', 10' and 12' wide models.
  - Optional direct drive system with a permanent magnet motor.
- Standard, Low Sound, Super Low Sound & Ultra Low Sound models.
- Modular Configuration for increased capacities and to accommodate any heat load (RTM, RTGM & RTPM models).

### Why REYMSA?

- ✓ 30+ years life expectancy.
- ✓ 15-year Warranty (Casing & Structure).
- ✓ Highly durable construction materials.
- ✓ Minimum to zero maintenance.
- ✓ Exceed energy efficiency per ASHRAE Standard 90.1
- ✓ Superior UV protection for extended life and strength.
- ✓ Water conservation - Fiberglass materials support water treatment with higher cycles of concentration and less purge.
- ✓ Offers excellent performance in a compact footprint.
- ✓ Stability: FRP expands and contracts similar to stainless steel.

## APPLICATIONS

### HVAC

Buildings  
Commercial Stores  
Hospitals  
Hotels  
Schools and Universities  
Airports

### INDUSTRIAL

Food and Beverage Industry  
Metalworking Industry  
Pharmaceutical Industry  
Chemical Industry  
Automotive Industry  
Power Plants

### PLASTICS

Injection  
Blow Molding  
Extrusion

## Materials and Components Features

### Tower Construction

- Highly durable construction materials:
  - Corrosion resistant FRP casing and structure.
  - The most reliable non-corrosive PVC water distribution system with large 2.5" threaded polypropylene spray nozzles and no moving parts.
  - Fill Media, Drift Eliminators & Louvers manufactured in corrosion resistant self-extinguishing PVC.
- Seamless basin - no water leaks.

### Motors

- Premium Efficient.
- Severe Duty.
- Marine Duty.
- Inverter Rated.
- Inpro/Seal VBX bearing isolator to ensure permanent bearing protection against lubrication loss and contamination ingress.
- 100% cast iron construction.
- 5-year Warranty.

### Fan

- Cast aluminum hub with adjustable pitch air foil or sickle blades molded of fiberglass reinforced polyamide (PAG).
- Aluminum blades for RTG & RTGM models.

The following points show the most representative features of REYMSA Cooling Towers.



## HFC SERIES CLOSED CIRCUIT FLUID COOLER

### Description

- Factory assembled Closed Circuit Fluid Cooler, induced draft, counter flow.
- All-FRP corrosion resistant construction.
- 145 CTI certified models.
- Direct Drive Fan System for HFC and HFC-SL models.
- Single Fan Gear Driven models (HFC-F).
  - Available in 10' and 12' wide models.
  - Optional direct drive system with a permanent magnet motor.
- Standard & Low Sound fan options.

### Why REYMSA?

- ✓ 30+ years life expectancy.
- ✓ 15-year Warranty (Casing & Structure).
- ✓ Highly durable construction materials.
- ✓ Minimum to zero maintenance.
- ✓ Exceed energy efficiency per ASHRAE Standard 90.1
- ✓ Superior UV protection for extended life and strength.
- ✓ Water conservation - Fiberglass materials support water treatment with higher cycles of concentration and less purge.
- ✓ Offers excellent performance in a compact footprint.
- ✓ Stability: FRP expands and contracts similar to stainless steel.

## APPLICATIONS



### HVAC

Buildings  
Commercial Stores  
Hospitals  
Hotels  
Schools and Universities  
Airports



### INDUSTRIAL

Food and Beverage Industry  
Metalworking Industry  
Pharmaceutical Industry  
Chemical Industry  
Automotive Industry  
Power Plants

### PLASTICS

Injection  
Blow Molding  
Extrusion

## Materials and Components Features

### Tower Construction

- Highly durable construction materials:
  - Corrosion resistant FRP casing and structure.
  - The most reliable non-corrosive PVC water distribution system with large 2.5" threaded polypropylene spray nozzles and no moving parts.
  - Fill Media, Drift Eliminators & Louvers manufactured in corrosion resistant self-extinguishing PVC.
  - **Type L Copper Coil** with stainless steel casing. Copper coil offers a thermal conductivity at least 8 times greater than that of galvanized steel.
  - Recirculating pump with a close-coupled design resulting in improved alignment and increased seal life.
- Seamless basin - no water leaks.

### Motors

- Premium Efficient.
- Severe Duty.
- Marine Duty.
- Inverter Rated.
- Inpro/Seal VBX bearing isolator to ensure permanent bearing protection against lubrication loss and contamination ingress.
- 100% cast iron construction.
- 5-year Warranty.

### Fan

- Cast aluminum hub with adjustable pitch air foil or sickle blades molded of fiberglass reinforced polyamide (PAG).
- Aluminum blades for HFC-F models.