

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.
- 3,850 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, RTGTC & RTGMTC).
 - **New sizes:** 14' wide for RTGTC models; 20', 24' and 28' wide for RTGMTC 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 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

Material and Component 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, RTP, RTUP, RTPM, RTGTC & RTGMTC models.