

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.
- 150 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 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.
 - **Type L Copper Coil** with stainless steel casing. Copper coil offers a thermal conductivity at least 8 times greater than that of galvanized steel. Slides out for easy maintenance.
 - 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.