

FRP-RCC
frm

FRM SERIES COOLING TOWERS

Counterflow Design



- ◆ Precisely designed for optimum performance
- ◆ Best cost/quality ratio
- ◆ Backed by 30 years' experience



Design Advantage :

- Motor and gear Box are directly coupled on a common mounting frame supported on a center RCC column thereby avoiding any vibrations commonly caused by misalignment of transmission shaft between motor and Gear Box.
- This unique concept of center RCC column allows FRP casing and FRP fan section to be kept independent of rotating parts like gear box, motor and fan.

Cost Advantage :

- The onsite construction of these towers are considerably low as the casing is in FRP which is manufactured at the factory and assembled at the site.
- The operating cost is also comparatively low as the power consumption is reduced by providing film fill which increases the wetted surface area.



Salient Features

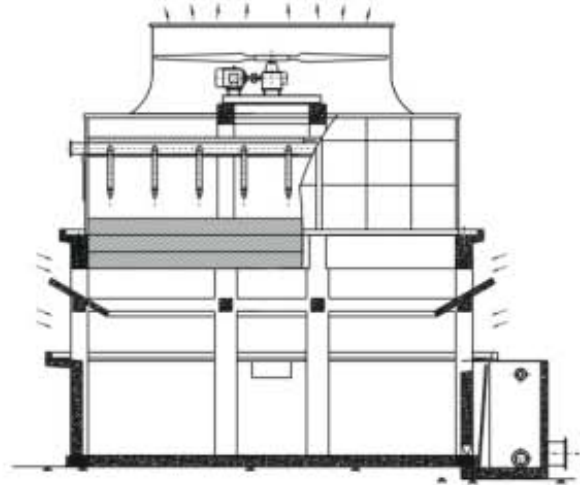
- ◆ Casing, fan deck and fan stack in corrosion-resistant FRP
- ◆ Hot dip galvanized supporting structure
- ◆ Fill material of PVC (max. temp. 55° C)
- ◆ Minimum site activity
- ◆ Minimum completion time
- ◆ Aerofoil shape energy efficient hollow FRP Fan Blades.
- ◆ Motor and Gear Box mounted on RCC columns, thus FRP casing and FRP fan stacks are independent resulting no vibrations.

FRP
*Durability of RCC
Advantages of FRP*
RCC

*Cooling up to :
3000 m³/Hr/Cell*

FRM SERIES - Material of construction

DESCRIPTION	MOC
BASIN	RCC
LOUVERS	RCC
FILLS	PVC
SUPPORTING STRUCTURE	MSHDG
INSPECTION DOOR	FRP
NOZZLES	POLYPROPYLENE
CASING	FRP
WATER DIST. SYSTEM	PVC FRP LINED
ELIMINATORS	PVC
FAN STACK & ASSEMBLY	FRP
ELECTRIC MOTOR	STANDARD, FOOT MOUNTED WEATHER PROOF
GEAR BOX	BEVEL HELICAL



• *There is one for every application.* •

Mihir Cooling Towers : Range of models available



RB SERIES



CM SERIES



XE SERIES



FM SERIES



FRM SERIES



RCM SERIES

BRAND-SMITH : 079-26928738

Mihir ENGINEERS LIMITED



The Triangle of Totality

Regd. Office : 4-B, Kakad House, 'A' wing, 11, Sir V. Thakersey Marg, (New Marine Lines), Mumbai - 400 020.
Phone : +91-22-22053039 / 22053042 / 22018568, Fax : +91-22-22053040
e-mail : mumbai@mihircooling.com

Ahmedabad Office : 2nd Floor, "Simandhar", Opp. Old High Court, Navrangpura, Ahmedabad - 380 014.
Phone : +91-79-2754 2838, 2754 2148 ▲ Fax : +91-79-2754 2822
e-mail : amd@mihircooling.com

Delhi : delhi@mihircooling.com, Telefax : 011-47038624
Chennai : chennai@mihircooling.com, Phone : 044-26202875
Kolkata : kolkata@mihircooling.com

Factory : Chhatral - Ahmedabad, Gujarat.

www.mihircooling.com

