

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

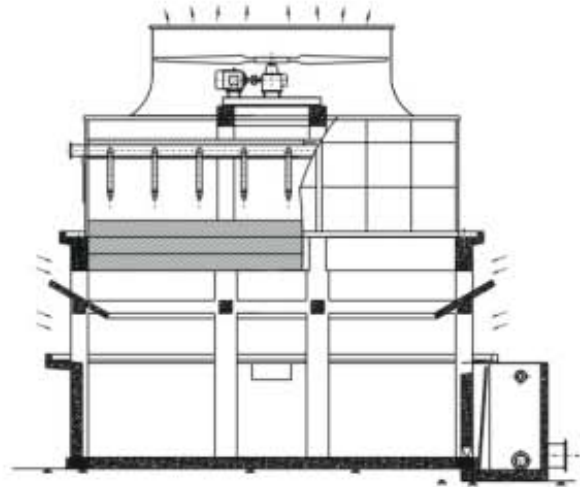
- ◆ Casing, fan deck and fan stack in corrosion-resistant FRP
- ◆ Hot dip galvanized supporting structure
- ◆ Fill material of PVC (max. temp. 55° C)
- ◆ Minimum site activity
- ◆ Minimum completion time
- ◆ Aerofoil shape energy efficient hollow FRP Fan Blades.
- ◆ Motor and Gear Box mounted on RCC 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

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Mihir ENGINEERS LIMITED



The Triangle of Totality

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