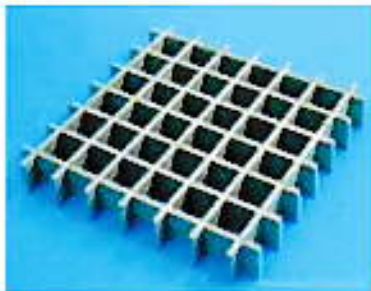


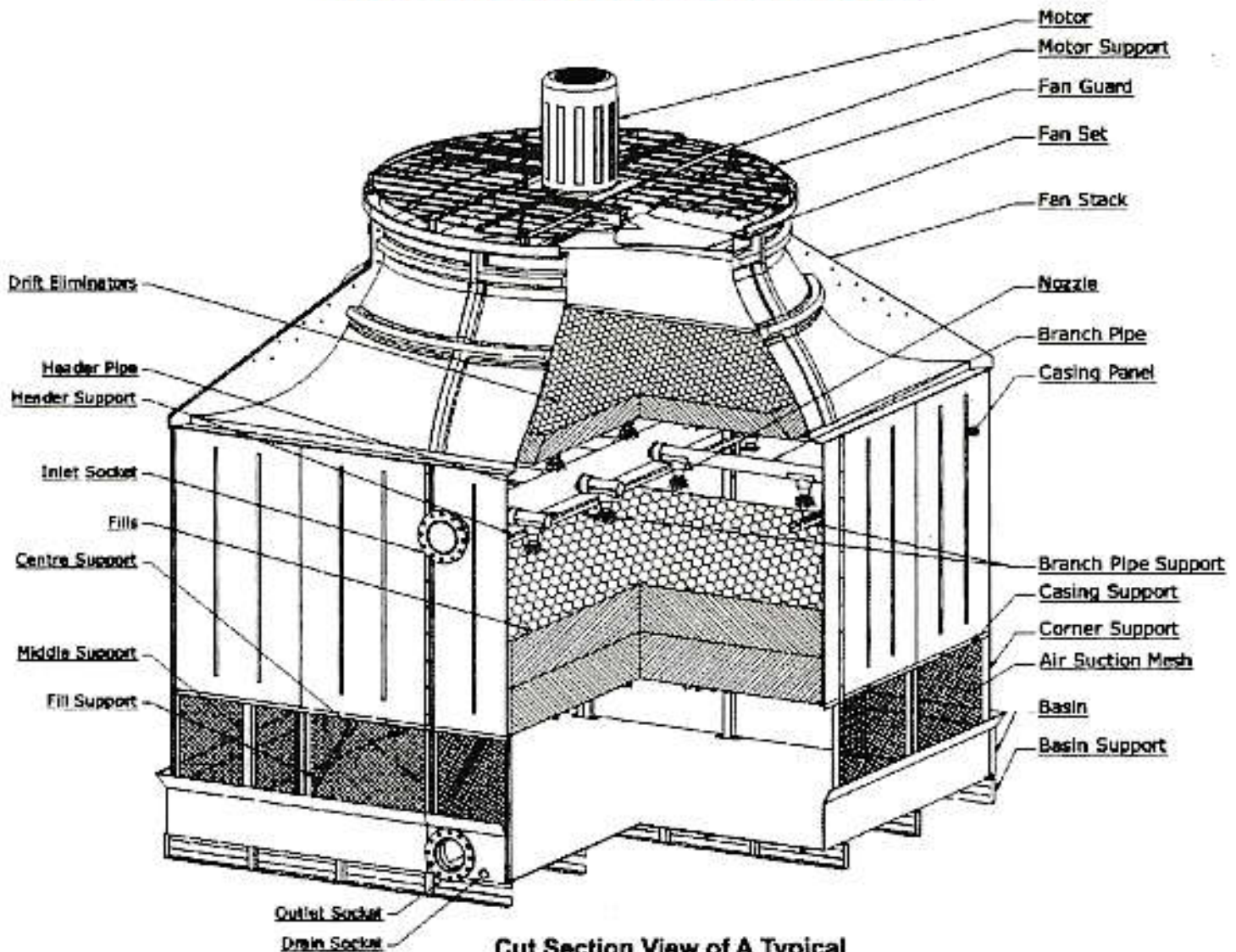


WATER TECH COOLING SYSTEMS

(A COMPLETE SOLUTION FOR WATER COOLING SYSTEMS)



WTCS – R & S - SERIES FRP COOLING TOWER



**Cut Section View of A Typical
S - Series Cooling Tower**

WTCS Engaged in Manufacturing & supply of R & S - Series High quality FRP Cooling Tower from 10 TR to 500 TR in Single Cell with FRP basin & without basin according to the customer need.

The key feature of WTCS * R & S Series (*R - Round Shape, S - Square Shape)

- Tough Fibre Glass reinforced Polyester casing for maximum durability & Strength.
- Rust Proof Hot Dip Galvanised Steel Structure & Supports.
- Aero Dynamic Axial Flow adjustable pitch type Fan for high efficiency
- 360 Degrees Air intake area for 100% capability.
- Specially designed Non corrosive Sprinkler for uniform water distribution.
- Vacuum Formed Honeycomb PVC Fills for higher performance
- Capacity from 10 TR to 500 TR in Single Cell
- Leak Proof FRP Basin to avoid Spillage & Seepage of Water.
- Specially Designed Extended Flange Mounted Motor – TEFC, IP – 55 Protected Class F insulation
- All Joints are fastened with SS Fasteners to arrest rust
- WT Non Clogging Type Nozzle for uniform water distribution & better Atomization for S - Series Tower
- Basin is supported by Rust Proof HDGS Frame



X – SERIES TIMBER COOLING TOWER

WTCS engaged in supply of X – Series Cross Flow Treated Timber Cooling Tower, Medium Capacity Cooling Towers are supplied in which fan assembly is driven through Single or Double Reduction Gear Box.

The key feature of X - Series Timber CT

- All Timbers are treated as per IS – 401
- All Structure are Bolted with Stainless Steel or Galvanizes, special hardwares can be used according to the application.
- GRP / SS Fill Grids are used as Fill Hanger.
- Casing will be of FRP/ Treated Timber/ Asbestos corrugated sheet.
- Fill will be Treated Timber/ PVC Perforated V or C bar
- PP or PVC Nozzle will be used for uniform water distribution.
- Double pass Treated Timber Cum Ply or PVC Eliminator will be used to avoid water losses.
- Fan will be of axial flow FRP, Drive Shaft will be HDG/ SS
- CI Flow control valve will be used to control the flow uniformly



FRP FAN LESS AND FILL LESS CT

WTCS engaged in Manufacturing and supply of Fan less and Fill less cooling tower using advance technology working under jet principle. Our range of Fan less cooling tower is one of the most Energy Saving Cooling Tower it works on the principle of evaporative cooling. The specially designed jet ejected nozzle induced the air current and converting the kinetic energy of the return water in to kinetic energy of air.

The Key Salient Feature of Fan less Fill less cooling Tower

- Rust Proof HDG Structure & Support.
- Non Corrosive FRP louvers
- PP Nozzle & the special design cover maximum area
- No power Consumption
- No Breakdown
- No Fills – No Future replacement
- Less Operating Cost

COOLING TOWER SPARES



FLIM TYPE PVC FILL BLOCK



FAN SPEED REDUCER



DRIVE SHAFT ASSEMBLY



PP NON CLOGGING NOZZLE



ROTORY SPRINGLER



ROTARY NOZZLE



SPIRAL TARGET NOZZLE



FILL GRIDS



GEAR BOX ASSEMBLY



PVC C TYPE ELIMINATOR



PVC CELLULAR ELIMINATOR



FRP FAN ASSEMBLY



TREATED TIMBER SPALSH FILL



FRP FAN STACK



PVC V&C TYPE SPLASH FILL

WATER TECH COOLING SYSTEMS

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Manufacturer and Supplier of All Types of Cooling Towers - Spare for All Cooling Tower - Up gradation of Cooling Tower - Thermal Performance - FRP Moulded Grating - FRP Lining - PP FRP Process Tank - FRP Ducting - FRP Blower & Scrubber.