FRP COOLING TOWER
FRP COOLING TOWER
FEATURING MAXIMUM EFFICIENCY & HIGH PERFORMANCE IN PROCESS WATER COOLING

FEATURE AND ADVANTAGES

• ELEGANTLY PROFILED-Harrison FRP Cooling Towers are available in three pleasing shades to suit individual taste and environment.
• LIGHT WEIGHT-Allows roof installation and saves on structurals and masonry.
• SCIENTIFIC DESIGN-The bottle shaped body is designed for optimum performance eliminating dead pockets and for longer life in adverse climatic conditions.
• VERTICAL INDUCED DRAFT COUNTERFLOW-Aerodynamically designed to achieve high efficiency. Adjustable Aluminium blades facilitate large air flow at low static pressure and lower noise levels.
• HONEY COMB PVC FILLS-Extended contact area. Splits incoming air and water into several streams spread evenly across the cross section of the tower enhancing the rate of heat transfer.
• ROTARY SPRINKLER-Sprinkler head made of Aluminium alloy fitted with sealed ball bearing to take care of thrust and radial loads.
• DRIFT ELIMINATOR-Specially designed multiblade rotary drift eliminator reduces carry over losses and spray entrainment.
• LEAK PROOF FRP BASIN-Deep sump basin with additional stiffeners. Avoids spillage and seepage of water. Area around the tower dry at all times.
• MODULAR CONSTRUCTION-Easy assembly and dismantling. Direct access to internal parts and easy maintenance.
• CORROSION RESISTANT-Inert to almost all chemical fumes. Reduced maintenance costs.
• LONGER LASTING-Useful life 300% more than conventional towers.
• ALGAE FREE-Minimal cleaning. Saving in chemical treatment costs.
• LOW MAKE UP VOLUME-Lower drift losses hence lower make up water requirement.
• SCIENTIFICALLY DESIGNED PIPING-Inlet/Outlet connections conveniently located to simplify plumbing and improved overall appearance.
STRUCTURAL DIAGRAM OF COOLING TOWER

- FAN MOTOR
- FAN GUARD
- FAN
- TURN BUCKLE SPRINKLER
- DRIFT ELIMINATOR
- FRP CASING
- PVC FILLING
- STAND PIPE
- AIR INTAKE MESH
- FRP BASIN
- INLET
- SUCTION TANK
- AUTOMATIC FILLER
- OUTLET