FRP Cooling Tower Manufacturer India FRP cooling Tower Fiber glass Reinforced Plastic Cooling Tower Manufacturer Exporters India

by Jeyakumar

Article published on March 5th 2012 | Business

FRP is produced using pultrusion technology and became the most common structure material for cooling towers as it offers lower costs and requires less maintenance compared to reinforced concrete.

FRP Cooling Tower Fill

Honeycomb PVC Fills are used for extended contact area having high heat transfer efficiency. The crossing of air and water streams in close proximity, which creates a diffuesed turbulence conductive to evaporation

and efficient heat transfer. A pre-eminent quality and long life fill consists of modular block of PVC honey combs construction to create prolonged contact time of hot air with water for maximum heat transfer. The air

pressure drop through the fill is negligible. The fills available in different flute size like 6mm, 12 mm, 19 mm and 1.2 mm thichness.

FRP Cooling Tower Nozzles

General fill consists of Honeycomb PVC Film type splash deck is modules with high resistant to corrosion and highly efficient for heat transfer water distribution system. The hot water is raised by hot water riser and

taken inside by a PVC hot water header inside. Branch distribution pipes fitted with Polypropylene Splash cups / non clogging nozzles are connected to hot water heater and uniform water distribution over entire fill is

achieved. It is totaly maintenance free distribution.

FRP Cooling Tower Drift Eliminator

To reduce carry out losses through entrainment of moisure drops in the stream by specially designed drift elimiator made of PVC Fills. Additional PVC eliminator is provided in large capacity cooling towers.

FRP Cooling Tower Motor

Special low RPM totally enclosed motors of vertical, Flange type with enlarged and treaded shaft and sealed top is supplied with the cooling tower. The motor is also weather proof and in IP-55 construction.

FRP Cooling Tower Supports and Hardware:

All components like tower supports, motor supports, leg supports, etc., are either hot dip galvanized or epoxy coated. Hardware is Galvanized Steel. Stainless Steel or Phosphor Branze hardware can be supplied on

request at extra cost.

FRP Cooling Tower Fan

The fan consists of axial propeller fan blades of special alloy aluminium blades of aero dynamic designed axial flow type to achieve high efficiency. Adjustable pitch blades are used for maximum utilization of applied

horsepower and connected to a common Aluminum Alloy Hub. The fan is dynamically balanced. FRP fan set can also be supplied on request at extra cost.

FRP Cooling Tower Energy Fans

A new generation, state of the art cooling tower fans, the energy economy concept. Built with uncompromising international quality standards. Our fans are combination of performance, strength, endurance and reliability.

Types of Frp Cooling Towers:

1. FRP Square Type Cooling Tower

2. FRP Bottle Shape Cooling Tower

3. FRP Seamless Cooling Tower

Usage:

FRP Cooling tower casing is made of selected grade materials of Fibre Glass Reinforced Plastic and resins. Additional embossing is done for extra strength. FRP casing and basins are designed to withstand

severe vibration, high wind load and to resist corrosion. Water basin is completely leak proof, which avoids spillage and seepage of water. It is of deep sump to ensure maximum water level at all times and made of

FRP with additional stiffening take care of extra water weight. We manufacture Bottle Shape Cooling Towers, Square Shape Cooling Towers and Seamless Cooling Towers

Advantages:

Power Saving: FRP fans are most efficient, consumes upto 30% less power than conventional aluminum alloy / FRP blades. Thus saving in operational cost is enormous.

For more details about FRP Cooling Tower visit our website.

Article Source:
http://www.articleside.com/business-articles/frp-cooling-tower-manufacturer-india-frp-cooling-tower-fiber-glass-reinforced-plastic-cooling-tower-manufacturer-exporters-india.htm - Article Side

Jeyakumar - About Author:
For more details about a FRP Cooling Tower visit our website.

Article Keywords:
FRP Cooling Tower,FRP,Cooling tower india, FRP Cooling Tower Manufacturer India,FRP,Fiber

glass Reinforced Plastic,Cooling Tower Manufacturer,FRP Cooling Towers Exporters India,Frp seamless, frp bottle, FRP Square,FRP square type, frp bottle type, FRP B

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!