



AKTIVE COOLING TOWERS PVT. LTD.

(A UNIT OF ACTIVE COOLING TOWERS)

**FACTORY- I-85/13 HARINAGAR EXTN. JAITPUR ROAD
BADARPUR, NEW DELHI-110044, INDIA**

Email: - aktivecoolingtowers@gmail.com / act.jky@gmail.com

Website: - www.activecoolingtowers.com

GSTIN: 07AASCA3113H1ZS II CIN:- U29300DL2019PTC350328 II PAN No:- AASCA3113H

ABOUT COMPANY

AKTIVE COOLING TOWERS PVT. LTD. is a manufacturer, Exporter and supplier of a wide range of FRP Cooling Towers, Wooden Cooling Towers , Fan less Cooling Tower, Cooling Tower spare parts , Industrial Chillers and other assorted equipment that provide various industrial water cooled energy. Our company has reputation in the global market for its service to the industry in terms of providing water cooled energy. In addition to this we have adopted premium standards in offering reliable installation and maintenance services for our cooling towers and chillers. Our first goal lies in attaining complete customer satisfaction and we ensure this by means of fair play and professionalism in our works. It's used in various Industrial purposes.

Our main focus is to build superior quality cooling towers using durable corrosion resistant materials designed to meet the demanding requirements of the cooling tower environment and local guidelines. We are headquartered in Delhi and have installations stretching throughout India. With more than 10 years of experience to our credit, we are well-equipped to cater a wide range of industrial applications.

While quality is our main focus, we also pride ourselves in providing excellent customer service throughout the business cycle from pre-to-post installation services. Our strong customer- centered approach and our strong determination to achieve the highest quality standards have been the foundation on which we have built our business and taken it forward to exceptional heights.

Aktive Cooling Towers Pvt. Ltd. is considered trustworthy for its outstanding performance as we instill our skills in cooling towers we manufacture. Since the inception of our company, we work for the welfare of our customers and provide them what they actually deserve.

The organization was established under the able guidance of "Mr. Jitendra Yadav (MD)". He has a vast experience in this industry domain, which led him to take the company's profile to a significant position. Under his able guidance, a team of diligent professionals works in close coordination with one another in order to maintain a smooth and efficient functioning of the production process. We follow a strict quality management in order to ensure that our array of industrial chillers meet the international standards of quality. This factor has helped us in acquiring ISO 9001:2015 Certification and meets various requirements in the manufacturing units, industries, colleges, private institutions and other



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industrial sectors such as injection molding, pharma & chemicals, pipe, soap, food & beverages, anodizing industry, multilayer and pp films industry. We offer premium after sales services and an array of world-class assortment that helps us in satisfying 2000 (2019) clients all over India and the overseas market.”



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OUR PRODUCTS

- ❖ Square Type Cooling Tower
- ❖ Round / Bottle Type Cooling Tower
- ❖ Wooden Cooling Tower
- ❖ Air Cooled Water Chiller
- ❖ Water Cooled Chiller
- ❖ Industrial Process Chiller (Glycol, Brine etc.)
- ❖ PVC Fills
- ❖ Electric Motor-Cooling Tower
- ❖ Cooling Tower Spare Parts





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SQUARE / RECTANGULAR TYPE COOLING TOWER



Our **FRP induced Square type cooling towers** are designed to yield higher output. These towers are designed and developed as per client's specific requirements in order to suit all the needs of the clients. Some of the features of products are:-

- ✓ Demand less maintenance
- ✓ Require minimum drift losses
- ✓ Easy to install
- ✓ Less power consuming

Capacity: 10 TR to 3000 TR Make: AKTIVE

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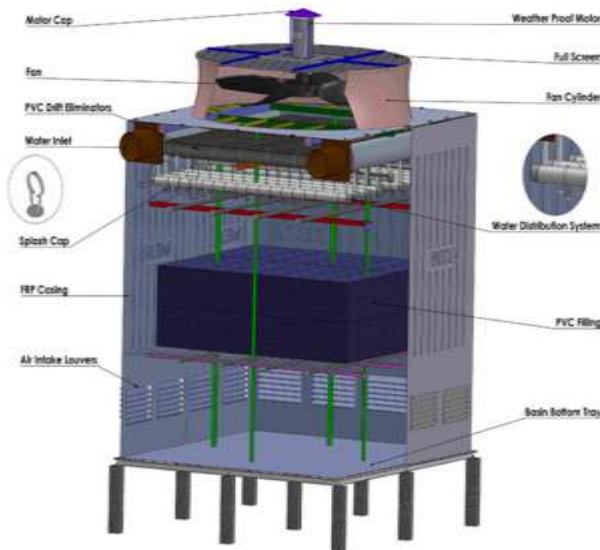
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Our cooling towers are of induced draft design, which is why these are more efficient than forced draft counter flow design. Using less power per cooling ton, our towers represent the latest development in the use of plastic technology. Using superior quality FRP materials in fabrication, we offer towers which have resistant to damages and also prevent corrosive effect of weather and chemicals. Our induced draft design consumes 50% less energy and it can easily cut city water and sewer bills by up to 97%, as water is re-circulated instead of being wasted. One can rely on our towers because our cooling towers provide dependable, trouble-free and satisfactory long-term service. Our cooling towers in fiberglass reinforced plastics provide economic outdoor dissipation of heat picked up water in air conditioning & refrigeration, compressors, diesel-engines and other water-cooled industrial or process heat exchangers.

Capacity: 10 TR to 3000 TR Make: AKTIVE





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BOTTLE / ROUND TYPE COOLING TOWER



Our company is engaged in manufacturing a qualitative range of **FRP Bottle Type Cooling Towers** which are offered at industry leading prices. These are demanded by the users of process coolers, diesel engine, machine and air- conditioning plants.

Compact design, lightweight and corrosion resistant

- ✓ Minimum drift loss of water
- ✓ Piping cost negligible and most suitable for small industrial unit
- ✓ Durable service life
- ✓ Aesthetic design
- ✓ Maintenance free
- ✓ Higher efficiency (rate of cooling)

Capacity: 20 TR to 600 TR Make: AKTIVE

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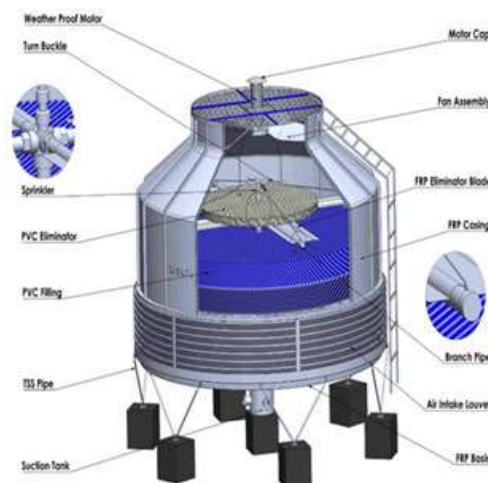


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WOODEN TYPE COOLING TOWER



This rugged war horse in our stables, incorporate multi blade, cast aluminum, adjustable pitch fan assembly driven by special T.E, IP-55 protected Geared Motor with low R.P.M and higher air discharge capacities. The tower structural and supporting sections are HDG Steel, fastened with SS fasteners, and suited for hot, harsh and humid atmospheric industrial conditions.

The standard cladding profile of corrugated asbestos cement sheet, the joints of which are lapped to minimize water spillage. The Treated Wooden Splash bars, the fill media, are supported on FRP Grids to ensure positive and permanent positioning. The wooden splash bars are of imported pine woods, chemically treated to arrest fungal or algae formations. The design incorporates accommodation of waters with very high TDS factors The hot water from the source when circulated to the collection basin with flower pot nozzles, are sprayed over the fill area. Simultaneously, air is induced through the fill media thus taking away the latent heat from the water passing through the fill media.

Capacity: 100 TR to as customer required - Make: AKTIVE



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NATURAL DRAFT COOLING TOWER



We design the fanless cooling tower using scientific principles of thermal conductivity in which heat is transferred from boiling water to natural air and then combined to attain higher heat transmission.

The excess water over the fills has a significant impact on the cooling tower's performance. Nozzles uniformly spread water across a broad spray angle. They are low in mass and help in reducing blockage. The nozzles sprinkle a rim of water around the filling in a straight line.

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INDUSTRIAL CHILLERS



Industrial Chillers are designed using sealed and scroll compressors sourced from danfoss and Copeland. These are available with multiple scroll compressors equipped in one machine. These are manufactured with special alloys like steel, worked on ultra lower temperature applications. They include separate and individual refrigeration circuits. Fabricated with a microprocessor that is suitable for process cooling applications ranging from (+) 20°C up to (-) 5°C and for lower temperatures of up to (-) 50°C. These equipments are used with CFC free refrigerants such as r-407c and r-134a. Beside this, it is available with in-built process pump and stainless steel chilled water expansion tank rated for an ambient temperature of (+) 50°C. It is available in twelve months guarantee and backed by most efficient customer support.

Capacity – 2 TR to 100 TR



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The main function of Shell & Tube Type Evaporator is to act as a heat exchanger in a vessel form. This is mainly done to cool closed circuit for re-circulating fluid flow. This can be done with the help of refrigerants as a cooling medium. They are efficient in working and having compact design. The concept of the equipment is based on large number of tubes that can be formed into bundles. The refrigerants passed through the expansion device that passed into tubes and evaporates to produce a cooling effect.

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