

Closed Loop Cooling Tower



Thermax Cooling Solutions

Conserving resources. Preserving the future.

Thermax provides systems and solutions in the critical domains of energy and environment. The products and services developed by Thermax help industries achieve better resource productivity and improved bottom lines, while maintaining a cleaner environment. The company's vision for the future is firmly anchored in the belief that, to stay competitive, business houses need to adopt sustainable practices.

Thermax's product portfolio covers heating, cooling, water and waste management, and specialty chemicals. The company also designs, builds and commissions large boilers for steam and power generation, turnkey power plants, waste-to-energy systems and air pollution control projects.

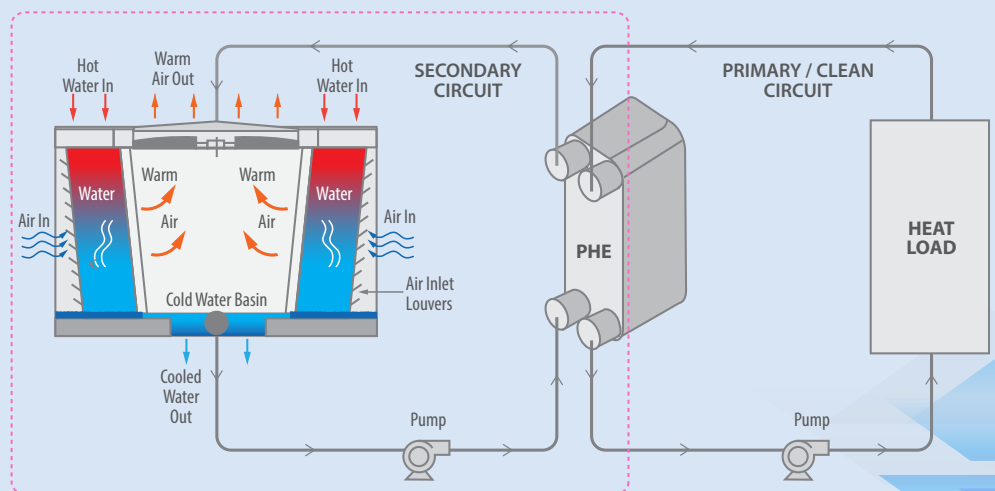
Thermax Cooling Solutions Ltd

We offer various wet & dry cooling solutions to remove heat from different process & manufacturing industries. The range of wet & dry cooling solutions uses air, water or a combination of both as medium of heat rejection. This keeps the process fluid/refrigerant properly cooled and increases the efficiency of production processes and operations of equipment.

Closed Loop Cooling Tower

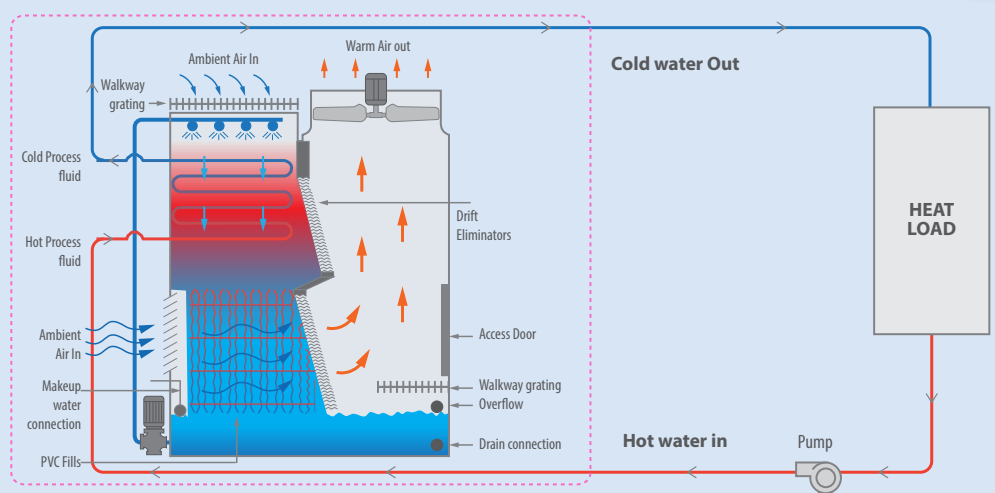
Conventional system

Most of the process industries use secondary circuit with heat exchanger, open cooling tower and secondary pump for heat rejection applications.



Mixed flow

A closed loop cooling tower replaces the intermediate heat exchanger, secondary pump piping & cooling tower into a single unit.



Product Highlights



For cooling of process water, glycol-water solution, oil, chemicals, pharma liquids, machine cooling acids and any other process fluids



Modular construction allows plug & play installation for new and replacement units



Saving in operational cost compared to conventional systems



Zero contamination avoids algae formation



Suitable for lower approach temperature and varied temperature difference



Offering field erected units and turn-key solutions with supply of balance of plants



Quality Construction

- Customized material of construction option-SS/HDG
- Safety as priority (Handrail, ladder as standard unit mounted fittings)
- Long life (SS304 tube bundle, for casing & basin- MOC options of AZ150,SS304 & SS316 available)



Energy Efficient and Reliable Component

- Energy efficient motor and composite axial fan
- Mechanically enhanced tube bundle
- Efficient spray system ensuring no dry spots on tube bundle
- Direct drive fan system



Effortless Maintenance

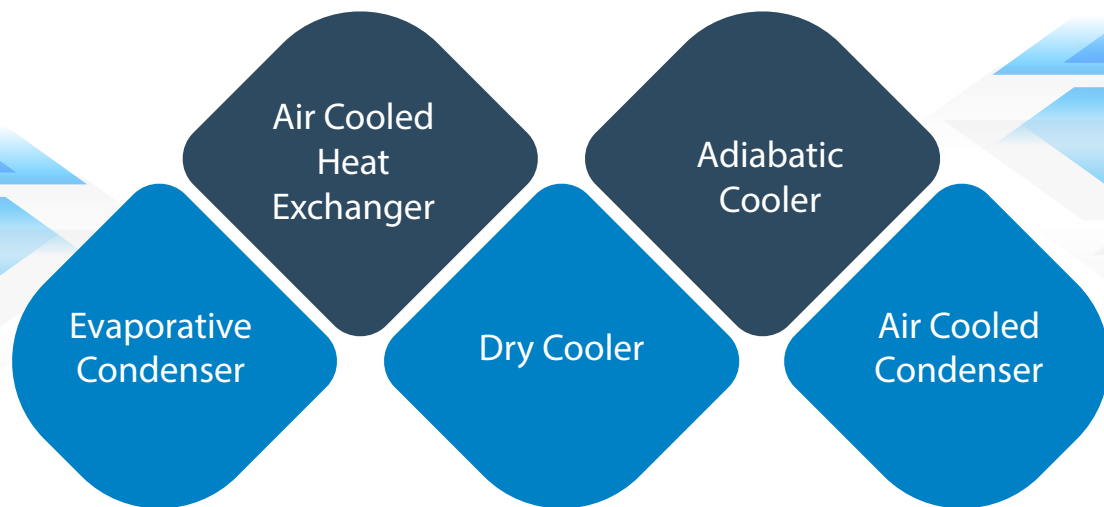
- Trouble free online maintenance (only for mixed flow machine)
- Walkways and platforms for easy access



Industry segments we cater



Other offerings:



Sustainable Solutions in
Energy & Environment

www.thermaxglobal.com

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Thermax Business Portfolio

- Heating
- Cooling
- Power
- Air Pollution Control
- Chemicals
- Water and Wastewater Solutions
- Solar
- Specialised Services