

Evaporative Condenser



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 achieving 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

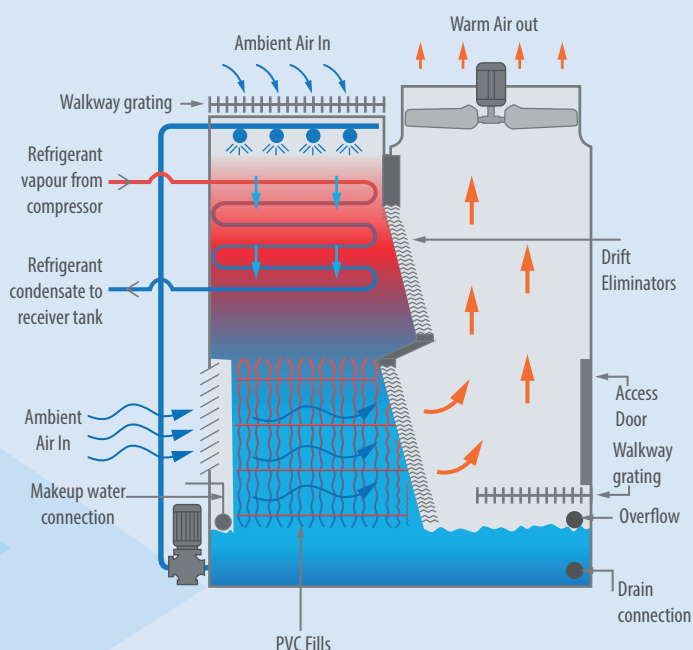
We offer various wet & dry cooling solutions to remove heat from different process & manufacturing industries. The range of wet & dry cooling solutions uses air, water or a combination of both as medium of heat rejection. This keeps the process fluid/refrigerant properly cooled and increases the efficiency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

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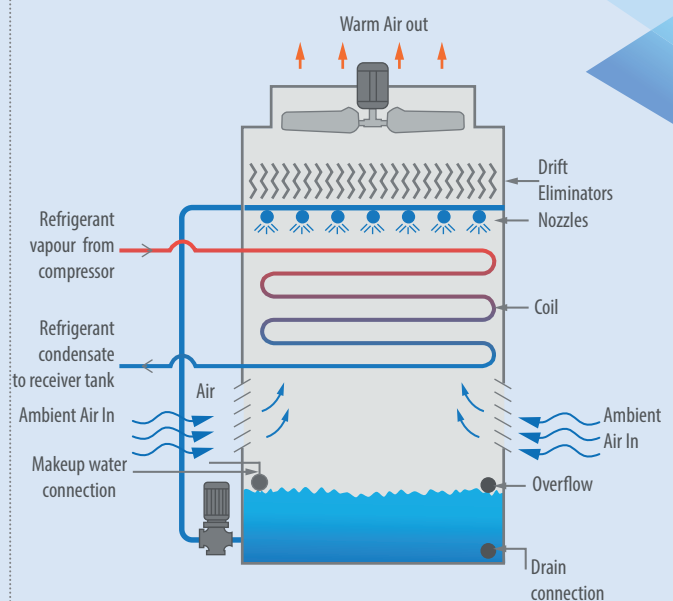
Conventionally, the condenser of the Refrigeration system is either a PHE or shell and tube type heat exchanger. Circulating water from the secondary circuit rejects heat through an open loop cooling tower. The Heat exchanger acts as an isolation point to maintain two independent circuits.

An evaporative condenser replaces the intermediate heat exchanger, secondary pump piping & cooling tower into a single unit.

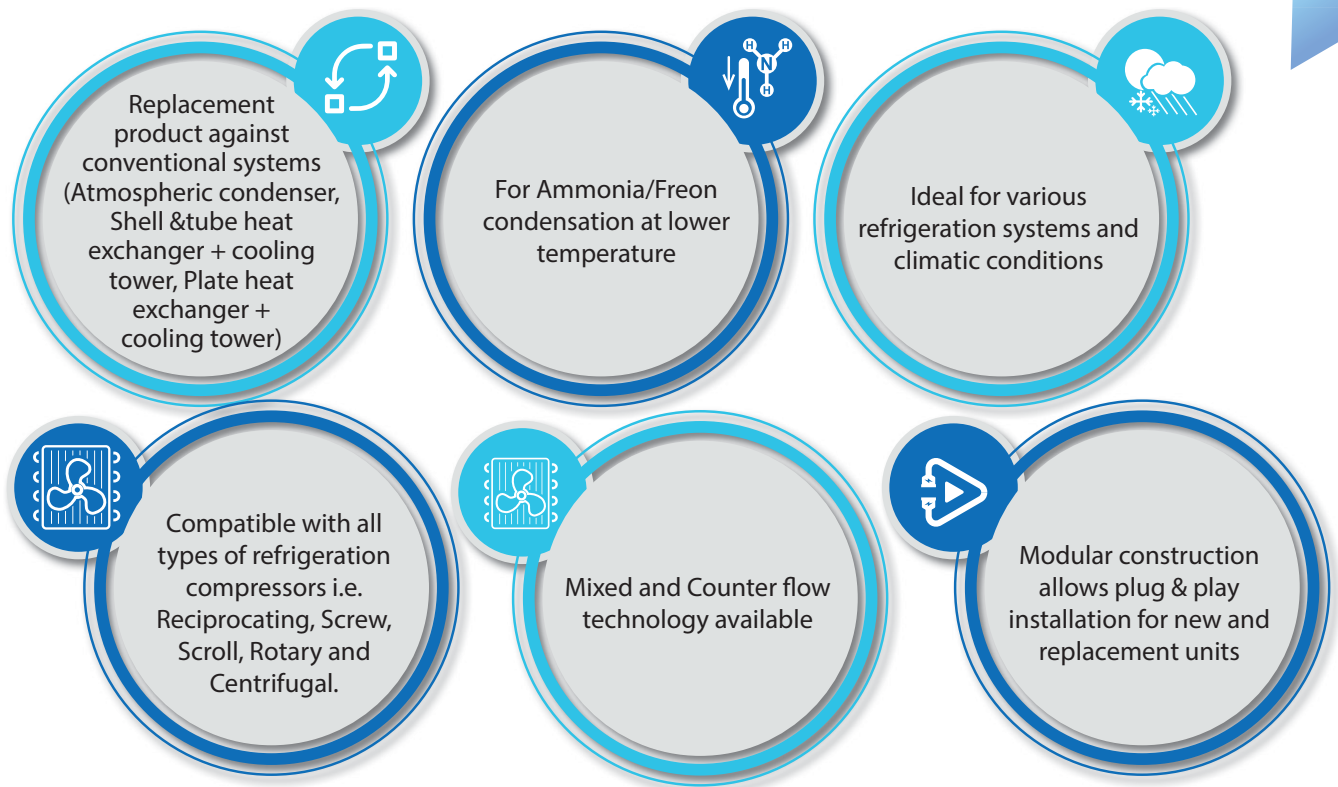
Mixed Flow



Counter Flow



Product Highlights



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 we serve

Dairies



Cold Storage



Food & Beverage



Chemical



Sea Food Processing



Pharmaceutical

Other offerings

Closed
Loop
Cooling
Tower

Air Cooled
Heat
Exchanger

Dry Cooler

Adiabatic
Cooler

Air Cooled
Condenser



Sustainable Solutions in
Energy & Environment

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Thermax Business Portfolio

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