



AQUA CHILL
You'll never lose your cool

**ENERGY
EFFICIENT &
ENVIRONMENTALLY
CONSCIOUS
COOLING
SOLUTIONS**

AQUA CHILL SYSTEMS INDIA PVT. LTD.



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Established in 1997, Aqua Chill Systems India Pvt. Ltd. is a turnkey EPC Contractors in the field of **Air Conditioning & Ventilation, Process Cooling, CHPC Architecture, and GT Inlet Air Cooling**. We do these projects in Industrial Manufacturing Facility and Process Plants. These segments include **Food, Engineering, Automobile, Steel, Power, Chemical, Pharmaceutical, Healthcare, Textile, and many more**. We are operating Pan India as well as few overseas markets.

The company has grown around its technological innovation which has been successfully incorporated in each of its projects. We have successfully brought innovation in Project management by implementing a matrix project organization, unlike conventional functional project organization.

Our highly experienced & professional team is working in three business verticals of Projects, Services, and Dealership business and several employees from our team have earned Esteem in the industry by virtue of their contribution to the field.

- We follow international norms of design and execution of these projects namely **ASHRAE, USGBC, ISHRAE**, etc.
- State of the art software is used to refine and validate the designs.
- Entire execution happens through highly robust **ERP**.
- There are several professional accreditations available with the organizations like **BEE Certified Energy Auditors, USGBC LEED APs**, etc.
- We are an approved vendor for **TCE Consultants, Jacobs Consultants & ThyssenKrupp**.
- We are an Authorized Service Franchise of Thermax Limited for Vapour Absorption Chillers in the Maharashtra & Chhattisgarh Region.



"To be a reliable partner to Global Industrial users for EPC requirements & services in HVAC, Process Cooling & Tri-generation by leveraging technical know-how & project management ability."

We have successfully implemented following Innovations for our customers :

- Primary Variable Chilled Water System
- Dehumidification with low ADP coil coupled with heat pipe
- Closed Loop Adiabatic Cooling Tower
- Gas Turbine Combustion Air Cooling System
- Tri-generation & Cogeneration system
- Composite Cooling system (Compression + Absorption)
- Multi-temperature process cooling multiple zones

Turnkey Engineering, Procurement & Construction Services in

Air Conditioning & Ventilation

We offer Design, Supply, Installation & Commissioning of complete HVAC System including items right from Chillers, Pumps, Cooling Towers, Air Handling Units, Ventilation Units, Evaporative units, Ducting, Piping, Electrical Panels, BMS, PLC Panels etc. Our expertise is offering these systems for all industrial applications like Clean room applications, Dehumidification requirements, High sensible heat requirement areas, humidification requirements, Engine test cells, Tunnel cooling, once through systems, Critical Laboratory applications etc.

Process Cooling

We provide 'Design and Build' project services of Process cooling systems for manufacturing / process plants requiring chilled / cooling water / brine supply to reactors, heat exchangers, jackets with varying degree of temperature and with critical pressure / flow controls. Our expertise is conceptualizing most energy efficient systems while ensuring utmost reliability and ease of operation.

CHPC Architecture

We provide 'Design and Build' project services of combined heating, power and cooling systems based on gas engines. We are expert in configuring CHPC system on the basis of matching demand profiles of heating, power and cooling in all seasons and all possible load permutations. We are pioneer in configuring and executing heat recovery systems, absorption chillers integrated with compression chillers to maximize benefits of both systems.

GT Inlet air Cooling

We provide 'Design and Build' project services of Gas Turbine Inlet air cooling to enhance net exportable power output of gas based power stations in fertilizer, petrochemical complexes. Our expertise is doing cost benefit analysis of implementing GT IAC systems and designing, implementing most reliable systems ensuring fluid dynamic commitments on this system apart from thermal process commitments.



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Major Projects in Exports

Sr. No.	Customer	Project Details	Location
1.	Abul Khair Steel	Air Conditioning & Supply of CHPC Systems	Chittagong, Bangladesh
2.	Bombay Sweets	Design, Engineering, Procurement, Supply, supervision of Installation and Commissioning of HVAC Work	Bangladesh
3.	JM Fabrics Ltd.	HVAC works using Waste Heat Recovery based Absorption Chiller	Bangladesh
4.	Lalan Group Pvt. Ltd.	Designing, Engineering, Procurement, Supply, Supervision of Installation & Commissioning of Centralised Air Conditioning System	Sri-Lanka
5.	Busia Sugar Industry Ltd.	Air Conditioning System	Kenya
6.	Melwa Pharma	Air Conditioning System	Sri-Lanka

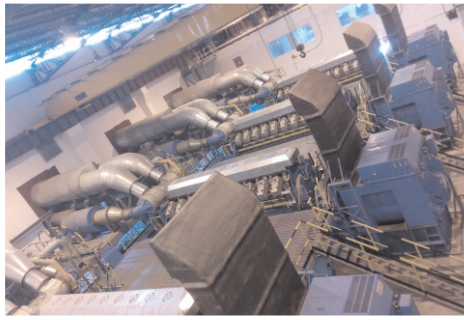
Major Projects in India

Sr. No.	Customer	Project Details	Location
1.	Britannia Industries Ltd.	Air Conditioning System for Rusk Production Plant	Kandla, Gujarat
2.	Hindustan Coca-Cola Beverages Pvt. Ltd.	630 BPM & 430 BPM Bottling Plant Ventilation	Pune, Maharashtra Bidabi, Karnataka Goblej, Gujarat
3.	John Deere India Pvt. Ltd.	6 Lacs CFM 2 Stage Ventilation System for 5M Plant	Pune, Maharashtra
4.	ITC Ltd.	Air Conditioning & Process Cooling Project for 600 TR for Pioneer PSPD Paper Plant	Bhadrachalam Telangana
5.	Pepsico India Holdings Pvt. Ltd.	Chilled Water Process Cooling Project for Bottling Plant	Sangareddy Andhra Pradesh
6.	Abbott Healthcare	Two Air Conditioning Projects for Nutritional Products	Bharuch, Gujarat



PROJECT GLIMPSE

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Project @ Abul Khair Steel-I



Project @ Abul Khair Steel-II



Project @ JM Fabrics, Bangladesh-I



Project @ JM Fabrics, Bangladesh-II



Project @ Lalan Rubber-I



Project @ Lalan Rubber-II



Project @ Bombay Sweets-I



Project @ Bombay Sweets-II



Project @ Anantara Resort, Maldives-I



Project @ Anantara Resort, Maldives-II



Project @ Dynaplast, Indonesia-I



Project @ Dynaplast, Indonesia-II



Project @ Tetra Pak



Project @ John-Deere



Project @ JCB



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Awards & Accreditations

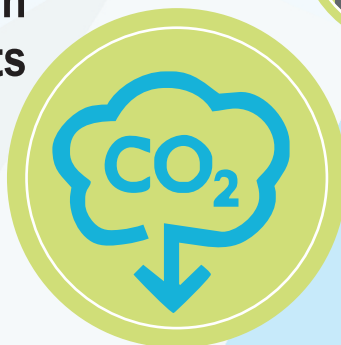


Environmental Impact

Environmental Impact

Carbon Footprints

46,580 Tonnes of CO2 Till Date



6,00,000
HSD / Annum
Electricity Saved



Water Saved
2,40,560 M3
Water Saved



Our Esteemed Clients



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Air Conditioning & Ventilation | Process Cooling | CHPC Architecture | GT Inlet Air Cooling