



EXTRA COOLING SYSTEM

Fast Cooling – The Revolution

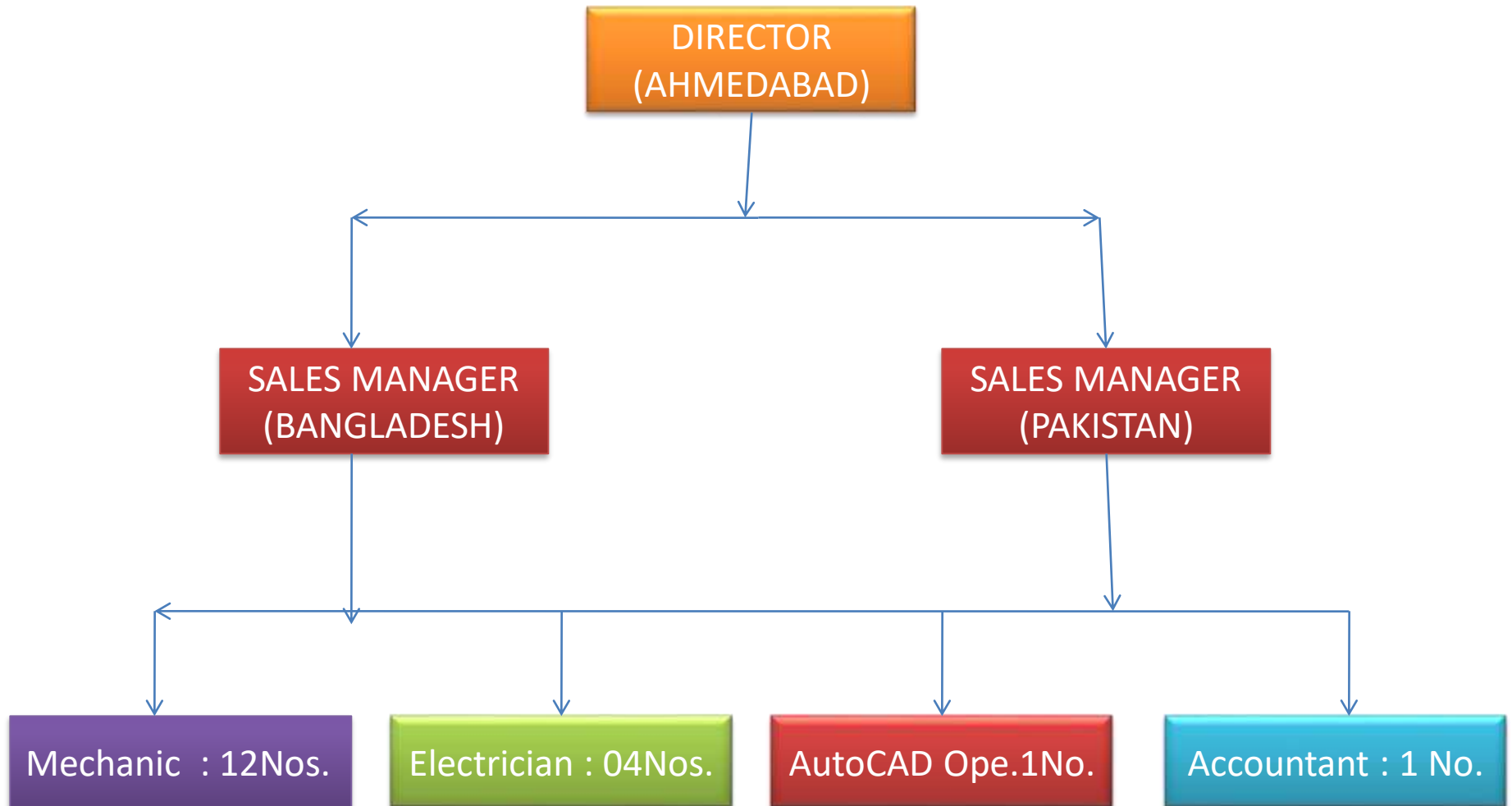
COMPANY PROFILE

- **Extra Cooling System** is a widely acknowledged Manufacturer, Exporter and Supplier of cooling solutions and Chilling Plant, Cold Rooms for industrial applications. Based at Gujarat (India), our company was set up in 2006. Our product line includes Chilling Plant, Cold Room, Cooling Tower, Incubation Room, to name a few. These products have a wide usage in different industries including Chemical, Petrochemical, Pharmaceutical, Plastic, Dairy, Plating, Textiles, Food & Beverages, Oil & Solvents, Cement, Industrial Gases, Information & Technology, Infrastructure, etc. Since our inception, we have made a huge industrial growth with our continuous efforts to achieve our organizational goals. Our sincere efforts, united team spirit, dedication for quality of products, and complete client satisfaction have led us to the leading position in the industry.

● Company Functionality

➤ Nature of Business :	Manufacturer, Exporter & Supplier
➤ Year of Establishment:	December 2015
➤ No. of Production Units:	1
➤ No. of Employees:	20
➤ Original Equipment Manufacturer :	Yes
➤ Warehousing Facility :	Yes

ORGANIZATION CHART



OUR PRODUCTS

(1) Air Cooled Scroll Chiller

Extra Cooling System Manufacture

Air Cooled scroll chillers starting from 5TR capacity up to 20TR capacity with single compressor system, and then after we offer multiple compressor system, as per requirement.

Chillers are available with varied range of refrigerants like Freon R 22, R 404a, R 407c, R 507, R 134a etc.

- Chillers are provided with wide operating range, low noise, low vibration, low failure rate, and in compact design and maximum accessibility and total connectivity.



(2) Water Cooled Scroll Chiller

Extra Cooling System Manufacture

Water Cooled scroll chillers starting from 10TR capacity up to 20 TR capacity with single compressor system, and then after we offer multiple compressor system, as per requirement. Chillers are available with varied range of refrigerants like Freon R 22, R 404a, R 407c, R 507, R 134a etc.



- **Chillers are provided with wide operating range, low noise, low vibration, low failure rate, and in compact design and maximum accessibility and total connectivity.**

(3) Air Cooled Screw Chiller

We manufacture and supply wide range of Freon and Ammonia based Screw Chillers, Air Cooled with variety of (Low / Medium) temperature range up to (-) 40 Deg C.

We provide varied range and makes of **Screw Compressors** with single and twin screw arrangements and with required fittings.

We provide screw chillers with environment friendly and HFC free refrigerants like Freon

R 134a, R 407c, R 507A, R 404a, Ammonia Selection of excellent and first grade raw material and fittings, and experienced, excellent and quality workmanship is the key to guaranteeing screw chiller quality.



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(5) Centrifugal Chiller

ECS centrifugal chillers take up less floor space than multiple single compressor chillers while delivering the combined capacity. A dual compressor chiller can also provide installed costs savings of up to 35% compared to installing two separate chillers.

Here's why:

- **Eliminates piping to the second chiller and to additional pumps**
- **Fewer valves and controls**
- **Less rigging costs**
- **Reduced control wiring**

The redundancy of two of everything connected to the evaporator and condenser enhances reliability. If any compressor component fails, it can be removed or repaired without shutting down the other compressor. And there's automatic back-up with at least 60% of the chiller design capacity available on single circuit units and 50% on dual circuit units. Daikin dual compressor centrifugal chillers are seismic compliant with both IBC standards and OSHPD pre-approval.



(5) Cooling Tower

Cooling Tower We manufacture reinforced fiber glass & fiber reinforced plastic (F.R.P) casing. Metallic parts of the tower are completely galvanized /Powder Coated/Epoxy Coated. The steel & wooden tower case results in corrosion resistance & reduction in dry rot problems.

Advantages

- Maximum maintenance required & they have 500% more life than conventional towers.
- Uniform Air Distribution
- Optimum Heat dissipation
- Low make up volume cuts down the water requirement & related costs.
- Light Weight, rust free parts developed from synthetic material.
- Highly resistance against strong winds, sudden & serve vibration.
- Ready assembly, dis-assembly & direct access to internal parts.
- Leak proof F.R.P resin.



(6) COLD ROOM

In today's changing global climate scenario, which presents threats to sustainable food production, the need for conservation of resources becomes more relevant. It calls for sustainable and eco-friendly preservation techniques to prevent wastage and maximize utilization. Our Industrial Refrigeration (IR)

products, cooling equipment, and services are innovatively designed to meet the challenges posed by the changing world. Highly customizable, these products cater to large and small needs of industries across verticals such as food processing, agro, and pharmaceuticals. Our products assist in storing farm produce, freezing, storing cooked and semi-cooked poultry, seafood, fruits, and vegetables.



(7) REFRIGERATION SYSTEMS

We are the manufacturer and suppliers of excellent quality Refrigeration Unit. This refrigeration units are available in various specifications for maintaining different temperatures. Low temperature, Medium temperature and High temperature. This range includes a wide variety of both evaporating units and condensing units as per the specific cold room application. It includes both air-cooled and water-cooled.



(8) SHELL & TUBE HEAT EXCHANGER

Shell & Tube Heat Exchanger Our wide range of Industrial Heat Exchangers are manufactured from high quality steel, which enable our respected clients to transfer heat between different mediums. The quality of these products are at par with the international

standards, which increases their durability and stability. They provide optimum levels of heat exchange be it any type of liquids, gases or vapors. Following are the main reasons why these products are highly demanded by our clients:



➤ Features

- Efficient heat elimination
- Durable and stable
- Multi purpose usage
- Made from reliable raw material

(9) SHELL & TUBE OIL COOLER

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(10) PLATE TYPE HEAT EXCHANGER

In recent years, we have established ourselves as one of the reputed manufacturers, suppliers and exporters of Plate Type Heat Exchanger.

These heat exchangers are manufactured using optimal quality raw material that is sourced from reliable vendors of the market. Offered product is compact in size, portable and requires less maintenance.

Owing to its high efficiency, high pressure resistance and large heat transfer capacity, our Plate Type Heat Exchanger is highly demanded in the market.



(11) ELECTRIC CONTROL PANEL – FOR REFRIGERATION

Extra Cooling System is engaged in design and manufacture of MCC Panels and Control Panels for AC Plants, Chiller Plants, Refrigeration Plants and many more.

We provide solutions for replacement of Old and Obsolete Panels for Chiller Plants and Refrigeration Plants.

We use siemens switchgears and Danfoss / Alenbradley / Equivalent VFDs & PLCs etc in our MCC Panels and Control Panels. Our Control Panels are BMS / BAS / DCS / SCADA integrable and uses advanced Technologies



VALUED CLIENT LIST

- ADITYA BIRLA
- INDIAN INSTITUTE OF TECHNOLOGY (IIT – ROPAR)
- GRASIM INDUSTRIES LIMITED
- BELLOTA AGROSOLUTION & TOOLS LIMITED
- CIRCUIT INDIA SYSTEMS LIMITED
- EUROCIRCUITS LIMITED
- COCA-COLA
- GENUS ELECTROTECH LIMITED
- 3B FILMS LIMITED
- PRACHEM LABORATORIES PVT. LTD.
- PARLE
- SHIVA BIOCHEM INDUSTRIES LIMITED
- PELICAN CONFECTIONER PVT. LIMITED
- POLYCON GULF LIMITED
- KUSUMGAR CORPORATES LIMITED
- Aarohi Sterilite Pvt. Ltd

VALUED CLIENT LIST

- VOLCANO FLEXITECH PVT. LTD
- OMKAR COMPOSITES PVT. LTD
- FUSION LABELS PVT. LTD
- MICRO SURFACE ADVANCE TECHNOLOGIES PVT. LTD
- SHREE DURGA ELECTROPLAST PVT. LTD
- AISHWARYA CHEMICALS LIMITED
- MEGHMANI CHEMICALS LIMITED
- SWAN ENERGY LIMITED
- LONSERN KIRI CHEMICAL LIMITED
- CDET EXPLOSIVE PVT. LIMITED
- PCB PLANET INDIA LIMITED
- C.M.SMITH & SONS LIMITED
- NED ENERGY LIMITED

Many more too be continue.....

VALUED CLIENTS



ADITYA BIRLA GROUP



Questions? Contact Us!

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EXTRA COOLING SYSTEM

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THANK YOU