



EARTH COOLING SYSTEM

The Leading Manufacturer of Chilling Plants and Air Conditioning Engineering

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(An I S O 9001:2015 Certified Company)

ABOUT US

Earth Cooling System, a pioneer in the Indian industry, has been creating innovative products and iconic brands since 2014. Headquartered in Delhi, with over 25 employees, Earth Cooling System is the largest Indian manufacturing company. Our top of brands include Water Chilling Plant. Being the fastest-growing manufacturing company, we continue to aggressively adopt new strategies and innovative initiatives in order to connect with our consumers. A large part of our growth strategy is driven by sales and distribution and our manufacturing capabilities.

We have always been passionate about building our own brands. We like to create, and we like to nurture what we create. Fueled by innovation that is engrained in the business. Our focus and vision is making Earth Cooling System, the No.1 manufacturing company in India. Earth Cooling System is the largest manufacturer of Process Chillers in India, having exports to over 4 countries around the world, including EU & US. Our Product range includes the advanced Screw Chillers, versatile Scroll Chillers, rugged Reciprocating Chillers as well as Customized Chillers, precisely designed and made as per the peculiar process cooling applications, some of them being Brine Chillers, Oil Chillers, etc. We are accredited through various prominent international organizations for the management as well as engineering processes and are approved through various prestigious consultants and certifying bodies for the specific process cooling applications across the world. Absorption chillers with Temperature range up to (-) 20°C.

These Absorption chillers use spare heat and temperature of hot water up to 110°C along with cooling water from cooling tower to produce large scale cooling up to (-) 20°C Meat Freezing, Ice cream freezing etc.

OUR TEAM

Management Team

The management team of Earth Cooling System came together with a common motive to serve humanity. The team is keen to discover new possibilities and is always eager to adopt innovative approaches.

Earth Cooling system has an exceptional and veteran team that has collaborated to provide the optimum quality products to their clients. Our crew continuously searches new opportunities and always uses contemporary strategy to grow as an organization.

Mr. Sandeep Kheda (Director)

Earth Cooling System is a man behind the formation of the world's most oversized chiller manufacturing company, Earth Cooling System. He is a Graduated from B.Tech in Electrical Engineering. Being a technological person, he always wanted to do something innovative and revolutionary. The journey of Earth Cooling System India was not a cakewalk because there was rigorous involvement of efforts, inventions, discussions, modern mechanisms and all that. Handling all these perspectives of business was a brainstorming period. However, with the evolution over time, businesses and customers demand globally. He always works with a team and always has a perception that even a single ray of hope and innovation can change the whole scenario of life.



Double honors Business Management from University of Haryana. He is enthusiastic and the biggest motivator of the company. Her marketing approach, business technology, and supply chain management have led Earth Cooling System to become one of the leading chiller manufacturing brands. He has contributed a lot to making this brand acceptable in the international market. With her consistent endeavor and research, the company has embarked on its stature in the Global market.

Vision

To provide energy efficient Compressed air Solution to Everyone, Everywhere

DESCRIPTION :

Earth Cooling System plants is being manufactured from 2TR to 250TR in compact design.

COMPRESSOR :

We use Branded Sealed/Screw/Sanharmonic Compressor of Emerson/Danfoss/Bitzer make.

CONDENSER:

We used shell and tube type Chiller for water cooled and Finns tube type for Air cooled Chiller

CHILLER:

We used Compact Shell & Tube/Plate Typer Chiller.

CONTROLS:

Low Pressure, High Pressure cutout are being provided for the safety of Plant. Thermostate being also provided for automatic tripping in case when temperature get maintained. Earth Cooling System assure about good quality & trouble free running all around the year. Due to single sources responsibility covering designing, manufacturing, installation and service by our experienced Engineers and always Standing by to attend post installation problems also.

OUR PLANTS ARE IDEAL FOR FOLLOWINGS APPLICATIONS

1. Air Conditioning
2. Milk Plant
3. Solvent Plant
4. Checmical Industries
5. Food Industry (Soft Srink/Beer etc.)
6. Rubber Industries
7. Anodising
8. Vanaspati Industries
9. Carbon Plant
10. Pharmaceutical Industries
11. Plastic Industry (Blow Molding, HDPE/PVC Pipes, PP Films, Multi Layer & Mono Layers Moldings, HDPE/PP Tape Plants Lamination
12. Malt Plant & for Many Other Industrial Uses.
13. Dairy Plants
14. Ice-crems Plants
15. Meat Plants

SPECIFICATION

Model	ECSC-3	ECSC-5	ECSC-7.5	ECSC-10	ECSC-15	ECSC-20	ECSC-25	ECSC-30
Temp. Range	5°-15°C							
Refrigeration Capacity	9000 Kcal/hr	15000 Kcal/hr	22500 Kcal/hr	30000 Kcal/hr	45000 Kcal/hr	60000 Kcal/hr	75000 Kcal/hr	90000 Kcal/hr
Tonnage (TR)	3	5	7.5	10	15	20	25	30
Power Supply	415, 50H/z AC, 3PH.							
Compressor	Sealed							
Chiller	Dx-type							
Condenser	Air/water Cooled							
Chilled Water Flow (LPH)	2250	3750	5625	7500	11250	15000	18750	22500

1. Due to continuous product development and Improvement specification and Technical details are subject to change without notice.
2. Capacity are based on 11°C temp of water.
3. T for chiller shall be 4°C.
4. Condenser water inlet temp should 32° max.
5. High Capacity chilling plants are also available on demand and Fabricated accordingly to temp requirements.

OUR PRODUCTS

- 1. Air Cooled Water Chillers / Water Cooled Chillers**
- 2. Scroll Chiller/ Reciprocating Chiller**
- 3. Air Cooled Screw Chillers**
- 4. Water Cooled Screw Chillers**
- 5. Online Chillers**
- 6. Glycol Chillers**
- 7. Oil Chillers**
- 8. FRP Cooling Towers Bottle type / Square Type**
- 9. PSA Oxygen Plants**
- 10. Nitrogen Plants**
- 11. PANEL AC**
- 12. Heat Exchanger**
- 13. HVAC Projects**

Water Cooled Screw Chiller



Air Cooled Screw Chiller



Online Chiller



Air Cooled Water Chiller



Glycol Chillers



Heat Exchanger



Oil Chillers



OUR CLIENTS





Few of our customers

