

## About Us

ISOTHERM took its big step in 2014 into the vertical of HVAC Systems. We had envisioned establishing ISOTHERM as a superior quality products manufacturer and service provider in the cleanroom requirements segment to the roster of esteemed clientele and take their business to the next level.

The company has set an ambitious goal to become a prominent HVAC System supplier. To realise this mission, the company has a pre-defined plan to fast track its growth in terms of annual turnover and new client acquisition a customer-centric approach, state-of-the-art infrastructure, commitment to excellence, superior quality products and exceptional service at an economical price forms the cornerstones of Isotherm's philosophy. We take pride in offering a wide array of superior quality products, which enabled us in driving customer delight.

'One Vision, One Team' is at the heart of every business initiative undertaken by the company. Today, the ISOTHERM's HVAC family has grown to 52 team members. They are deployed across various departments including design, purchase & dispatch, finance, production, installation and sales. Currently, the company caters to diverse industry segments such as pharmaceutical, industrial, healthcare, biotechnology and aerospace. The company is headquartered in Hyderabad, Telangana, INDIA.

## Our Advantage

Any company is as good as its employees. Our team has a wealth of experience with core strength in the pharmaceutical industry.

- Accurate understanding of customer requirements
- Detailed engineering drawing
- On-time delivery
- Familiar with current CGMP practices
- Compliant with regulatory requirements

Our team keep themselves abreast with the current trends in the industries we cater to. It is reflected in our wide array of superior quality product offerings. They are designed to meet the operational flexibility and international quality standards as per CGMP standards.

We cater to a bouquet of industrial segments. These include :

- Pharmaceutical
- Biotechnology
- Vaccine Plant
- Medical Devices
- Health care — Operation Theatres
- Micro Electronics
- Electronics
- Food Processing

## Air Handling Unit (AHUs)

We are one of India's leading manufacturers and suppliers of Air Handling Unit (AHU). It is a device used to regulate and circulate air around a building as part of the heating, ventilation and air conditioning (HVAC) system.

AHU unit comprises a large insulated box that contains a fan, heating and/or cooling elements, filters, sound attenuators and dampers. Usually, it is connected to air-distribution ductwork, or else, the AHU can be kept open to the space it serves.

It is deployed for creating better ventilation in commercial establishments, including laboratories, hospitals and many more. These units are manufactured by our team of experts in compliance with global standards and offered at competitive prices.



## Scientific Door and Windows

Scientific Doors and Windows are the preferred choice of leading pharmaceutical and food companies in India and worldwide for their use in cleanroom areas and wherever doors are regularly exposed to washing.

These designs meet the most stringent requirements for clean and hygienic applications including USFDA/WHO/CGMP approvals. They facilitate the highest standards of hygiene for cleanroom environment across industry verticals including pharmaceuticals, biotechnologies, food, microelectronics industries and hospitals.



Available in galvanised steel and stainless steel, these fully flush doors are offered with a wide range of indigenous, imported ironmongery in stainless steel and colour finish.

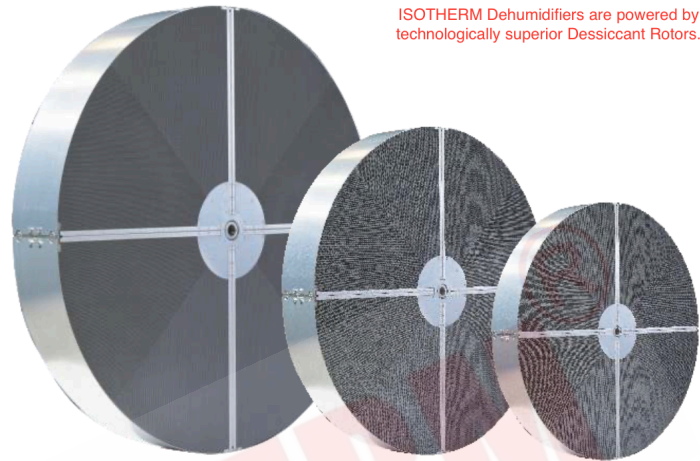
These door sets provide bespoke solutions depending upon specific project requirements while including special features.

### Different Types of Doors

- Scientific Doors
- Fire Rated Doors
- Emergency Doors
- Sliding Doors
- Residential Design Doors

## Dehumidifier

Our dehumidifier removes moisture from the air at low temperatures and low humidity levels. It consists of two centrifugal fans to process air and reactivate air intake and exhaust supply. It demonstrates very high drying efficiency while consuming less energy. It can be easily installed and is efficient at low temperatures. Overall, it facilitates increased productivity at low maintenance costs.



ISO THERM Dehumidifiers are powered by technologically superior Desiccant Rotors.

## Clean Room Equipment

Clean Room Equipment makes sure that the in-room environment is free of microorganisms and other undesirable foreign particles that may be harmful to the products or processes of the business.

Sampling and Dispensing Booths are designed and manufactured to meet the specific requirements of our clientele. It is based on the re-circulation of air principle.

This unit eliminates powder contamination and thus, provides aseptic conditions to protect the operator and the surrounding environment. It is used for weighing, mixing and dispensing the powder. 0.3-micron downward air streams deflect airborne dust away from the operator breathing zone, which is caused by handling operation.

### Our Range of Clean Room Equipment

- Dynamic Passbox
- Static Passbox
- Air Shower
- Bio Safety Cabin
- Vertical Laminar Airflow Unit
- Horizontal Laminar Airflow Unit

## Lab Furniture

Our Laboratory Furnitures are designed impeccably after studying the usage patterns of the users over a period of time. With a reputation for exceptional value, our fume hoods are found in industrial, pharmaceutical and laboratories across the country. We make Exhaust Hood keeping in mind maximum user comfort with exquisite workmanship. You can expect easy access to our knowledgeable staff at every phase of the project. Our quality and timely delivery ensure we satisfy even the most demanding customers.



### Our Range of Lab Furniture

- Storage Racks
- Fume Hood
- Elephant Trunk
- Prefabricated Lab Racks



## Modular Operation Theatre

We take pride in designing and offering customised Operating Theatres (OTs) endowed with insulated Stainless Steel 304 and Walkable False Ceiling based on the specific requirements of physicians, surgeons, nurses and anaesthesiologists to enable them to perform the medical procedures efficiently. These provide optimum workflow solutions and boost productivity.

These theatres are equipped with superior quality equipment to meet the WHO standards – sub terminal HEPA modules to facilitate even distribution of air in the operation theatre. The corner joints are lined with Stainless SteelCove profiles.

Prefabricated Access doors are provided on the Stainless Steel Ceiling and leak-proof construction. The Central Laminar Hood is built with provision for Central Light Control Panel and Power Connections.

Wall panel: PPGI panel/ SS304 panel.

Seamless floor option: Epoxy,PU & anti-static vinyl floor .

Coving options: SS304/Aluminium and epoxy coving.



## Turnkey Solutions

ISOTHERM is a leading national player providing Integrated Turnkey Clean Room solutions to a wide array of industries. These include:

- Pharmaceuticals
- Biotechnology
- Vaccine Plant
- Healthcare
- Micro Electronics
- Electronics
- Food Processing
- Medical Devices

We have acquired domain expertise on the back of an immersive experience in handling numerous prestigious projects by our team of seasoned professionals to undertake turnkey installation of your projects.

Every initiative we undertake at ISOTHERM is made to order. Our experienced validation team assures that all processes and documentation are well-maintained.


We deploy all key processes and functional types of equipment to facilitate the completion of the project as per the pre-decided concept. It is followed by installation, commissioning and validation of key equipment including:

- Clean Room Partitions
- BMS (Building Management System)
- HVAC
- Utilities (Piping)
- Lab Furniture
- Electrical

## Get in Touch with Us

 **ISO THERM<sup>®</sup> Internationale**  
An ISO 9001 : 2008 Company

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