



MANSOORI HVAC SYSTEMS

HEATING | VENTILATION | AIRCONDITIONING

Reliable Air Conditioning Solutions

Delivering Comfort Beyond Cooling and Air



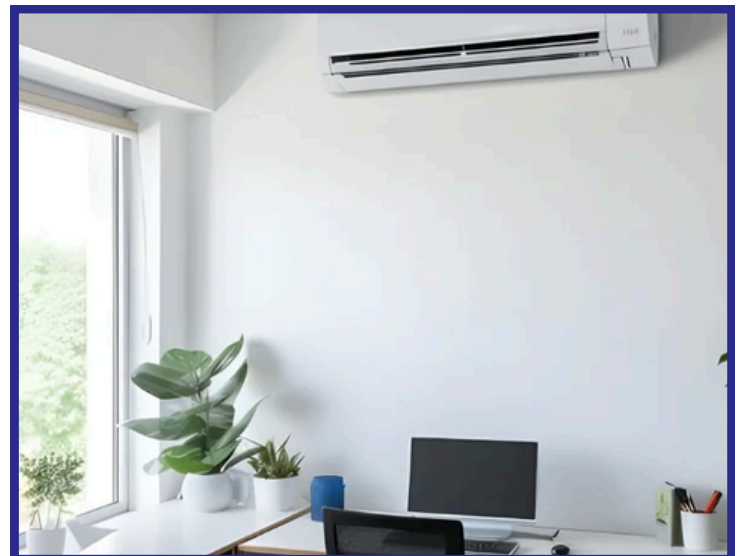


About US

- **Trusted by 2,000+ Clients & Businesses**
- **10+ Years of Expertise in Cooling Solutions**

At **MANSOORI HVAC SYSTEMS**, we are more than just an HVAC provider. We are a dedicated team of professionals committed to provide reliable, efficient, and innovative air conditioning and refrigeration solution expert guidance, and strong after-sales service to our valued clients across all segments.

MANSOORI HVAC SYSTEMS has built a reputation for delivering precision cooling for homes, offices, institutions, and industries alike. Our journey began with a vision to offer high-quality cooling systems and reliable service, backed by our status as an Authorized Mitsubishi Dealer.



Why Us?



Our Vision

To be the region's most trusted provider of climate control and refrigeration solutions, known for precision, efficiency, and long-term reliability.



Our Mission

Our mission is to provide reliable HVAC and refrigeration solutions with Mitsubishi excellence, expert service, and lasting client satisfaction.



Our Goal

Our goal is to expand sustainably and lead the region in reliable, efficient, and customized cooling solutions for every client—from homes to large industries.



Committed to Excellence

we're an Authorized Mitsubishi Dealer with 10+ years of expertise, driven by precision, efficiency, and client trust. Guided by a clear vision and strong values, we deliver reliable HVAC and refrigeration solutions you can count on.

Our Services

Comfort Applications (Home & Office)

We provide efficient, stylish cooling solutions for homes and offices, including Split, Cassette, Tower, VRV, and Ducted Systems—ensuring quiet, reliable, and customized comfort.



Institutional Segment

We provide efficient, high-capacity HVAC solutions for institutions like hotels, schools, and offices—ensuring reliable, multi-zone cooling, superior air quality, and lasting performance.



Industrial Segment

We provide high-capacity HVAC and refrigeration for industrial facilities, ensuring precise cooling, air quality, and reliable performance.



Our Products



High Wall Split AC



Window AC



Cassette AC



Tower AC



**Central
Airconditioning**



VRV Systems

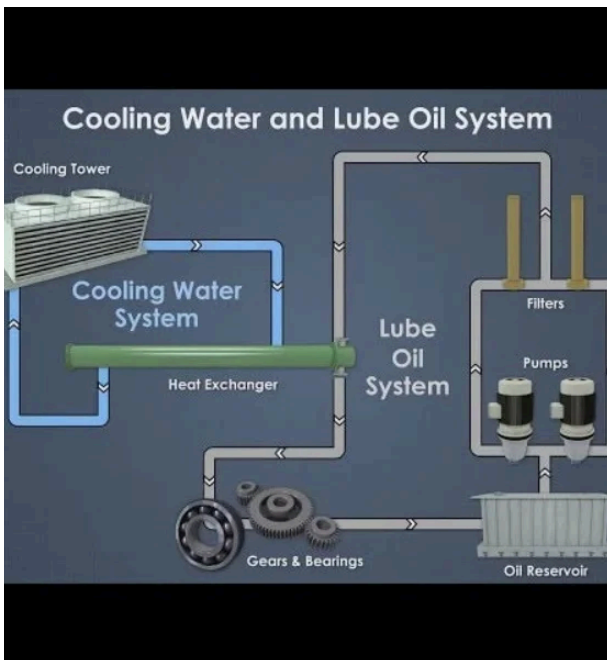
Our Products



Ducted Splits AC



Package Air Condition

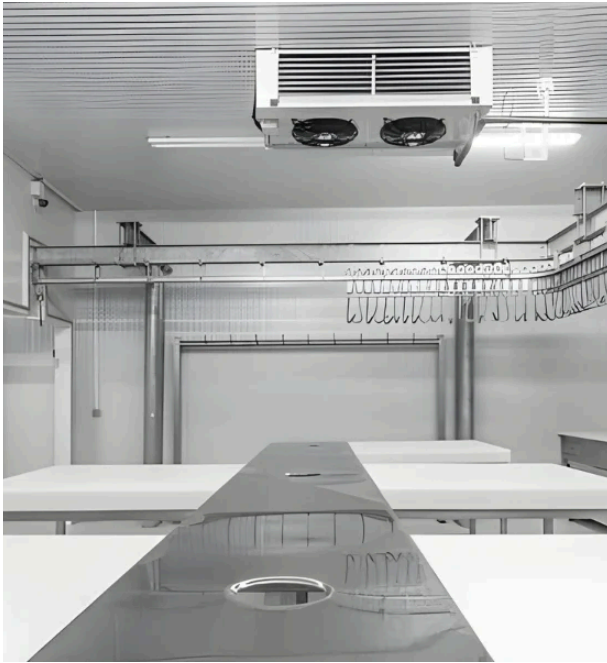


Chilled Water System



**AHU System
(Air Handling Unit)**

Our Products



Walk-in Cold/Freezer Room



Aircon Area



Mechanical Ventilation System

High Wall Split AC

High Wall Split ACs are one of the most popular and efficient cooling solutions for homes, offices, and institutional spaces. Designed for individual rooms and medium-sized areas, they provide quiet operation, energy savings, and consistent comfort.

Product Profile & Key Features:

- **Format:** Two-piece system consisting of a sleek indoor unit and a robust outdoor condensing unit.
- **Aesthetics:** Discreet design that integrates well into modern interiors; only the fan unit is visible indoors.
- **Key Advantage:** Exceptional Quietness – The compressor (noise source) is located outside, ensuring tranquility inside the room.
- **Efficiency:** Features inverter technology (especially in Mitsubishi models) for variable speed operation, leading to substantial energy savings.
- **Functionality:** Offers advanced features like sleep modes, programmable timers, and fine-tuned temperature control.
- **Ideal Application:** Bedrooms, small offices, individual hotel rooms, and residences demanding high efficiency.



we offer expert installation and reliable warranty support for High Wall Split ACs, ensuring year-round comfort and optimal performance in any space.

- **Expert Installation** – Optimal placement, correct refrigerant charging, and seamless setup for long-term efficiency.
- **Warranty Service & Support** – Reliable maintenance and repairs, fully aligned with manufacturer warranties.
- **Year-Round Comfort** – Precise and consistent cooling for bedrooms, offices, and classrooms.

Window AC

Window ACs are a highly valued and traditional cooling solution for small homes, apartments, and budget-conscious commercial spaces. They are prized for their simple design, which contains all components in one unit, offering easy installation, basic functionality, and reliable cooling output.

Product Profile & Key Features:

- **Format:** A fully self-contained, monoblock unit that houses the entire refrigeration cycle.
- **Installation:** Simplest and fastest installation, fitting directly into a prepared window or wall aperture.
- **Cost-Effectiveness:** Generally the lowest initial investment for immediate, localized cooling.
- **Maintenance:** Easy access for servicing and cleaning, making routine filter changes and repairs straightforward.
- **Durability:** Known for its robust and reliable operation in challenging conditions.
- **Ideal Application:** Small rooms, rental properties, outbuildings, and applications where budget and simplicity are the top priorities.



At MANSOORI HVAC SYSTEMS, we specialize in:

- **Safe Installation** – Ensuring the unit is securely fitted into the window or wall opening with proper sealing to prevent air leaks and maintain efficiency.
- **System Overhaul** – Comprehensive cleaning and maintenance to clear debris, optimize filter performance, and extend the unit's operational life.

Whether for your small shop, apartment bedroom, guard cabin, or auxiliary space, our Window AC solutions provide quick and dependable spot cooling.

Cassette AC

Cassette ACs are the preferred choice for cooling retail showrooms, large restaurants, boardrooms, and open-plan institutional lobbies. They are designed to be installed within the ceiling void, offering a discreet aesthetic, uniform four-way airflow, and powerful cooling capacity without cluttering wall space.

Product Profile & Key Features:

- **Format:** Indoor unit is installed entirely above the false ceiling, with only a decorative panel visible below.
- **Air Distribution:** Unique 360-degree or four-way airflow ensures uniform temperature distribution across the entire zone.
- **Design Integration:** Maximizes wall space and blends seamlessly with the ceiling, maintaining the room's architectural aesthetic.
- **Functionality:** Often includes built-in condensate pumps and advanced temperature sensors for precise control and drainage management.
- **Efficiency:** Highly efficient for large single zones, preventing uneven cooling or hot spots.
- **Ideal Application:** Retail showrooms, large boardrooms, restaurants, and educational classrooms.



At MANSOORI HVAC SYSTEMS, we specialize in:

- **Concealed Integration** – Expert installation flush with the ceiling, ensuring seamless integration with interior design and optimal drain routing.
- **Airflow Balancing** – Precision adjustment of vanes and airflow to ensure perfect, draft-free temperature distribution across the entire zone.

Whether for your retail floor, hotel lobby, banquet hall, or large classroom, our Cassette AC solutions guarantee consistent, elegant, and powerful cooling performance.

Tower AC

Tower ACs (Floor Standing Units) are a versatile, high-capacity cooling solution often chosen for large temporary events, high-traffic commercial spaces, and industrial areas where wall mounting is impractical. They are characterized by their robust airflow, high tonnage capability, and ease of positioning on the floor.

Product Profile & Key Features:

- **Format:** The indoor unit stands vertically on the floor, connecting to a separate outdoor unit.
- **Capacity:** Designed for very high cooling capacity and powerful air throw, effectively reaching far corners.
- **Placement Flexibility:** Requires no complex wall-mounting or ceiling alterations, simplifying installation and relocation.
- **Service Access:** Components are easily accessed from the front panel, simplifying maintenance without disrupting ceilings.
- **Air Delivery:** Provides a powerful, concentrated column of air, ideal for mixing large volumes of air quickly.
- **Ideal Application:** Banquet halls, factory floor corners, high-ceiling areas, large retail lobbies, and temporary setups.



At MANSOORI HVAC SYSTEMS, we specialize in:

- **Capacity Sizing** – Calculating the precise cooling load needed for high ceilings or large, dynamic environments to guarantee effective temperature reduction.
- **Hassle-Free Setup** – Quick deployment and connection to the outdoor unit, providing powerful spot cooling with minimal structural alteration to the building.

Whether for your warehouse area, event space, large waiting room, or factory floor corner, our Tower AC solutions deliver reliable, high-volume cooling exactly where you need it.

Central Air Conditioning

This service designs and installs centralized cooling systems for entire buildings, ideal for multi-floor offices, institutions, and malls, ensuring uniform temperature, efficient management, and thermal stability across all zones.

Product Profile & Key Features:

- **Format:** A large-scale system utilizing a central cooling plant (either DX or Chilled Water) connected to an air distribution network.
- **Key Advantage:** Unified Climate Control— Provides consistent temperature and humidity regulation across the entire facility.
- **Scalability:** Highly scalable, designed to efficiently manage massive and sustained cooling loads.
- **Efficiency:** Allows for centralized monitoring and management, optimizing energy use for the whole building envelope.
- **Discretion:** All major equipment and distribution lines are concealed, maintaining interior aesthetics.
- **Ideal Application:** Commercial high-rises, shopping complexes, large schools, and central cooling integration projects.



At MANSOORI HVAC SYSTEMS, we specialize in:

- **System Architecture Design** – Full engineering and load calculation to determine the perfect balance between Ducted Splits, Package Units, or Chilled Water infrastructure.
- **Seamless Integration** – Coordinating the installation of all components (compressors, air handlers, and controls) into a cohesive, quiet, and efficient network.

Whether your project is a new corporate headquarters or a large institutional retrofit, our Central Airconditioning solutions deliver comprehensive, reliable, and expertly managed climate control.

VRV Systems

These are the modern, energy-efficient solution for multi-zone buildings like hotels, boutique offices, and large apartment complexes.

Product Profile & Key Features:

- **Format:** One outdoor unit connected to multiple (up to 60 or more) individual indoor units via a small network of refrigerant piping.
- **Key Advantage:** Exceptional Energy Efficiency—Variable speed compressors drastically reduce energy consumption, especially under partial-load conditions.
- **Zoning Control:** Allows for simultaneous heating and cooling in different areas of the building from the same system.
- **Installation:** Requires minimal ductwork and is easier to install in existing structures compared to Chilled Water Systems.
- **Flexibility:** Wide variety of indoor unit styles (cassette, high wall, ducted) can be mixed and matched.
- **Ideal Application:** Hotels, multi-tenant office floors, large residential towers, and buildings with highly varied occupancy.



At **MANSOORI HVAC SYSTEMS**, we specialize in:

- **Mitsubishi Excellence** – As an authorized dealer, we deploy cutting-edge Mitsubishi VRV technology, ensuring system reliability and optimal performance.
- **Pipework Optimization** – Precision installation of complex refrigerant lines and control wiring to maximize efficiency and minimize pressure loss.

If you require granular control and maximum energy savings across highly variable occupancy zones, our VRV Systems are the definitive solution.

Ducted Splits AC

Ducted Split Systems are renowned for providing discreet, uniform, and quiet cooling across multiple rooms or large single zones in high-end homes, banks, and mid-sized offices. The system achieves total concealment by hiding the indoor unit above a false ceiling and distributing conditioned air through architecturally pleasing ceiling or wall vents.

Product Profile & Key Features:

- **Format:** Consists of an outdoor unit and a high-capacity, ceiling-concealed indoor unit connected by refrigerant lines.
- **Aesthetics:** Only the air grilles are visible; the bulky equipment and noise sources are hidden, ensuring a clean interior look.
- **Air Quality:** Facilitates integration with specialized filters and purification units for superior indoor air quality.
- **Uniformity:** Provides even air temperature across the entire area, eliminating the hot/cold spots often associated with non-ducted units.
- **Scalability:** Versatile enough to cool everything from a large living space to a small commercial floor using a single system.
- **Ideal Application:** Large residences, corporate suites, retail outlets, and areas where visual aesthetics are a top priority.



At MANSOORI HVAC SYSTEMS, we specialize in:

- **Custom Duct Design** – Calculating static pressure and airflow resistance to ensure every vent delivers the correct volume of air silently and efficiently.
- **Acoustic Treatment** – Implementing noise mitigation techniques to ensure the concealed indoor unit and airflow remain whisper-quiet in occupied spaces.

Choose Ducted Splits for an elegant and powerful cooling solution that prioritizes both performance and interior design.

Package Air Condition

The Package Air Conditioner is a high-capacity, self-contained solution tailored for large, single-zone environments like warehouses, factory floors, and retail complexes.

Product Profile & Key Features:

- **Format:** All major refrigeration and air handling components are contained within a single outdoor unit (often rooftop or ground-slab mounted).
- **Installation:** Easier and less labor-intensive to install than multi-component central systems, requiring only duct connections and power supply.
- **Reliability:** Built to withstand harsh outdoor conditions and handle demanding, constant, large-volume cooling loads.
- **Maintenance:** Simplifies service, as all components requiring access are centrally located in one place outside the building.
- **Application:** Provides powerful, focused cooling via ductwork to a large, open single area.
- **Ideal Application:** Manufacturing facilities, large retail boxes, single-story institutional halls.



At MANSOORI HVAC SYSTEMS, we specialize in:

- **Load Calculation for Large Volumes –** Precisely sizing the tonnage required to overcome thermal gain in expansive, often high-ceilinged, industrial and commercial spaces.
- **Duct Interface –** Expertly connecting the outdoor package unit to the indoor duct network, ensuring a proper seal and optimal airflow delivery.

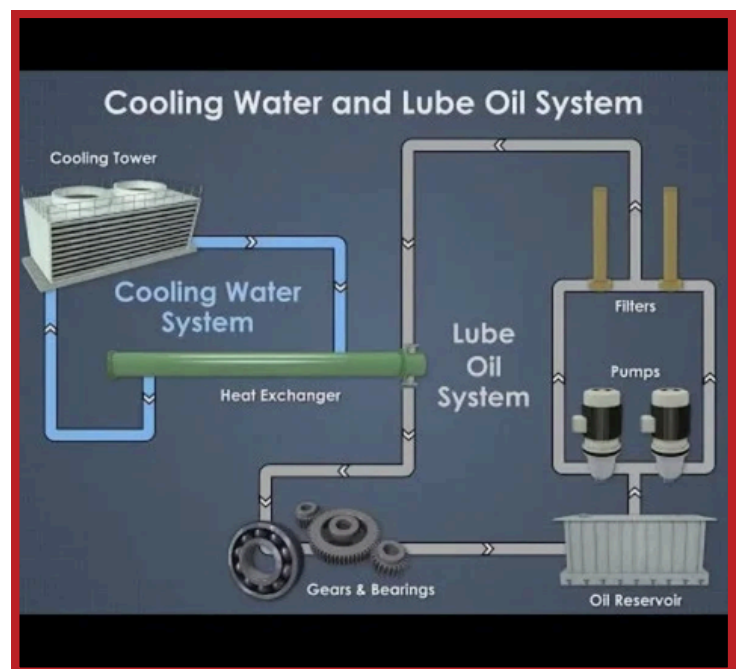
Rely on our Package Air Conditioner service for dependable, high-volume cooling in your most demanding industrial and commercial zones.

Chilled Water System

The Chilled Water System is the foundation of our high-capacity industrial service, essential for meeting the massive, sustained cooling demands of major hospitals, large university campuses, and large-scale industrial plants. The system uses water, cooled by a central Chiller, as the medium to transfer heat.

Product Profile & Key Features:

- **Format:** Consists of a central Chiller Plant (Chiller unit, pumps, cooling tower) and a distribution network of water piping and AHUs/FCUs.
- **Key Advantage:** Highest Capacity & Longevity—Offers the highest tonnage cooling available and typically has the longest operational lifespan of any HVAC system.
- **Efficiency at Scale:** Highly energy efficient for large, constant cooling loads and over long distances.
- **Safety:** Keeps refrigerant contained in the central plant, circulating only water to occupied areas.
- **Management:** Facilitates centralized management, monitoring, and precise control over the entire complex.
- **Ideal Application:** Airports, high-rise towers, large-scale industrial manufacturing, and multi-building complexes.



At **MANSOORI HVAC SYSTEMS**, we specialize in:

- **Chiller Sizing & Installation** – Expertly selecting and installing industrial-grade Chillers, validated by our track record of installing 10,000+ tons of cooling capacity.
- **Piping & Commissioning** – Designing and welding the primary and secondary chilled water loops and ensuring flawless system start-up and water treatment.

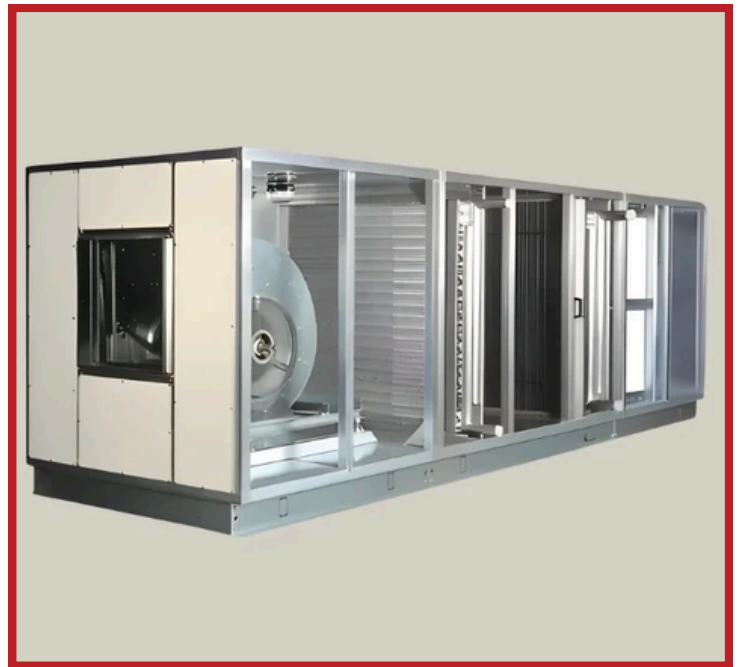
We provide the engineering excellence required to deploy robust, centralized, and highly efficient Chilled Water Systems.

AHU System (Air Handling Unit)

The AHU (Air Handling Unit) is a crucial component in both Central Air Conditioning and Chilled Water Systems, particularly where air quality and precise temperature are non-negotiable, such as in hospitals, pharmaceutical labs, and clean rooms. The AHU's function is to condition and circulate the air supplied by the central system.

Product Profile & Key Features:

- **Format:** A large, modular box containing fans, coils, filters, dampers, and mixing chambers.
- **Primary Function:** Air Conditioning & Purification—Filters, cools (via chilled water coils), dehumidifies, and mixes fresh outdoor air with return air.
- **Air Quality Control:** Allows for the installation of specialized filters (e.g., HEPA) to achieve strict air cleanliness and infection control standards.
- **Air Distribution:** Houses powerful fans (blowers) that overcome the static pressure of the ductwork to distribute air evenly across large distances.
- **Temperature Control:** Facilitates extremely precise temperature and humidity maintenance within the designated zone.
- **Ideal Application:** Operating theatres, clean rooms, data centers, laboratories, and large institutional halls.



At **MANSOORI HVAC SYSTEMS**, we specialize in:

- Custom AHU Specification – Tailoring the AHU's coils, filtration stages, and construction materials to meet unique process and hygiene requirements.
- Ventilation & Pressure Management – Engineering the system to maintain correct positive or negative air pressure relationships between critical zones.

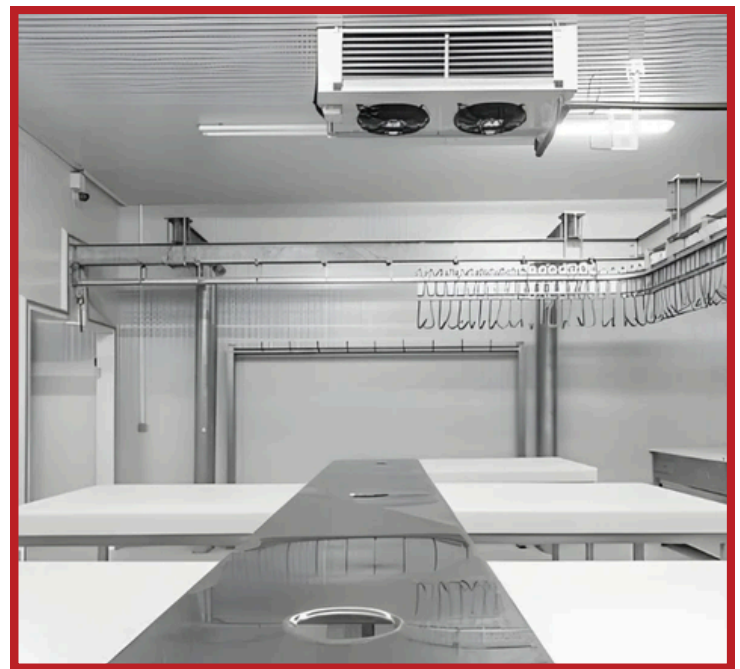
We provide the expertise to integrate high-performance AHU Systems that guarantee a clean, controlled, and precise indoor environment.

Walk-in Cold/Freezer Room

Walk-in Cold/Freezer Rooms are specialized refrigeration solutions essential for food processing, logistics, hospitality, and pharmaceutical industries. They are custom-built, insulated structures designed to provide controlled, large-volume storage either above freezing (Cold Room) or below freezing (Deep Freezer Room), ensuring product integrity and compliance with safety standards.

Product Profile & Key Features:

- **Format:** Modular, insulated panel construction with a dedicated high-capacity refrigeration unit.
- **Temperature Range:** Cold Rooms typically operate from 0°C to 5°C; Freezer Rooms operate from -18°C down to -40°C.
- **Key Advantage:** Large-Volume Preservation—Allows for organized, bulk storage of temperature-sensitive goods over extended periods.
- **Customization:** Fully customizable dimensions, door types, shelving, and refrigeration unit capacity based on product load and ambient conditions.
- **Durability:** Built with heavy-duty insulation and robust components designed for continuous, critical operation.
- **Ideal Application:** Commercial kitchens, food warehouses, pharmaceutical storage, and large retail frozen sections.



At MANSOORI HVAC SYSTEMS, we specialize in:

- **Thermal Design & Sizing** – Calculating precise cooling loads and insulation requirements to guarantee consistent, energy-efficient temperature stability.
- **Panel & Door Integrity** – Expert construction and sealing of insulated panels and vapor barriers to prevent leaks and maximize thermal efficiency.

Rely on us for the engineering and installation of critical refrigeration infrastructure that protects your valuable inventory and ensures operational compliance.

Aircon Area

The term **Aircon Area** describes the comprehensive service involved in managing and conditioning designated zones within factories, warehouses, and industrial units that require cooling beyond standard comfort levels.

Product Profile & Key Features:

- **Format:** Often utilizes robust Ducted Splits, Package Units, or smaller VRV Systems designed to handle larger cubic volumes and higher thermal loads than typical office systems.
- **Key Advantage: Staff Productivity & Equipment Protection**—Maintains a stable environment to prevent heat stress on personnel and protect heat-sensitive electronics or materials.
- **Load Management:** Systems are specifically sized to account for high internal heat gains from machinery, lighting, and processes.
- **Air Distribution:** Solutions are engineered to deliver cooled air effectively across large, open industrial floors or through high ceilings.
- **Flexibility:** Can be deployed to cool entire zones or highly localized “spot cooling” areas near critical equipment.
- **Ideal Application:** Industrial assembly areas, quality control laboratories within factories, IT server rooms in warehouses,



At MANSOORI HVAC SYSTEMS, we specialize in:

- **Heat Load Analysis** – Conducting detailed analysis of process heat, machinery output, and ventilation to accurately size the required tonnage.
- **Durable Equipment Selection** – Specifying rugged, industrial-grade cooling units built to withstand the operational dust and vibration found in factories.

We provide tailored solutions to ensure your industrial and manufacturing spaces are cooled efficiently and reliably, maximizing both comfort and uptime.

Mechanical Ventilation System

A Mechanical Ventilation System is crucial for controlling Indoor Air Quality (IAQ), managing airflow, and ensuring safety in all commercial, institutional, and industrial buildings.

Product Profile & Key Features:

- **Format:** A system of powerful fans (supply and exhaust), air intake/outflow louvers, dampers, and dedicated ductwork separate from the cooling system.
- **Key Advantage: Mandatory Air Quality & Safety**—Removes stale air, contaminants (fumes, dust), humidity, and meets local building codes for air changes per hour (ACH).
- **Pressure Control:** Used to create positive or negative pressure in specific zones (e.g., to keep contaminants out or in).
- **Energy Recovery:** Can be integrated with Heat Recovery Ventilators (HRVs) to pre-cool or pre-heat incoming fresh air, saving energy.
- **Applications:** Essential for commercial kitchens (smoke/grease exhaust), underground parking (CO/NOx exhaust), and factories (fume removal).
- **Ideal Application:** Parking basements, commercial kitchens, chemical storage areas.

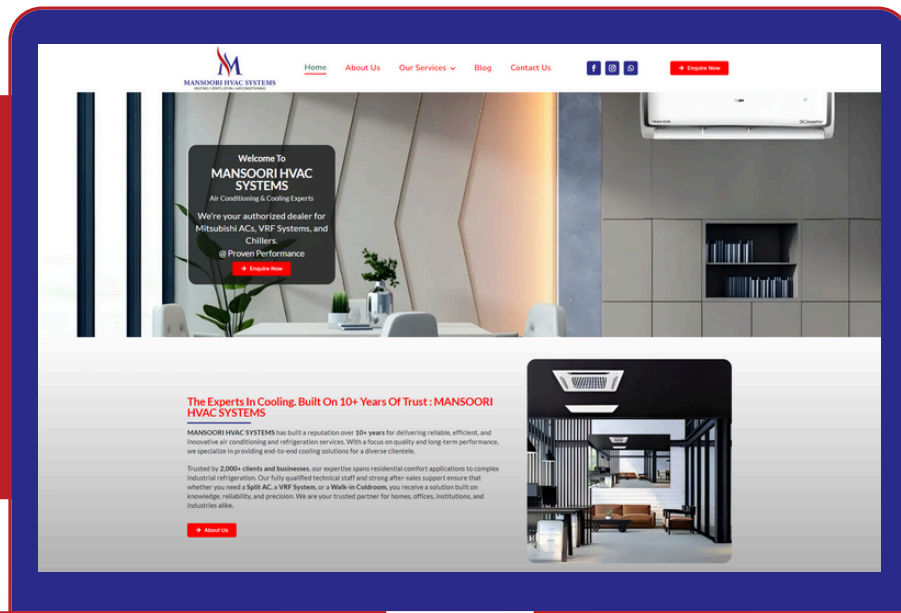


At MANSOORI HVAC SYSTEMS, we specialize in:

- **Air Change Calculation** – Engineering the system to meet specific industry standards for air changes per hour (ACH) to ensure compliance and worker health.
- **Fume/Exhaust Design** – Installation of dedicated, chemically resistant exhaust systems, ductwork, and powerful fans for safe removal of industrial contaminants.

Trust us to design and install compliant and effective ventilation systems that secure the health of your occupants and the longevity of your facility.

CONTACT US



Let's keep in touch

Stay connected with MANSOORI HVAC SYSTEMS
for updates on new solutions, expert advice, and
industry insights!

Call: +91 8655 355 041 / +91 0250 2991182

Email: info@mansoorihvac.in / service@mansoorihvac.in

Address: Shop No. A/31, I-Wing, Rashmi Residency, Co-Op.
Hsg., Soc. Ltd., Achole Road, Vasai, Nallasopara (East),
Palghar, Maharashtra, India – 401 208.



www.mansoorihvac.in