



## **About The Company:**

Air system was established by a young and dynamic entrepreneur Mr. Arvind Tambe in 2003 with a single point objective to provide 'Quality and Honest Services' in the field of Heating, Ventilation and Air Conditioning. The Commitment and dedication of Mr. Arvind Tambe and his team has positioned the company as one of the most competent and reliable HVAC & Clean Room companies in India. Air System is a key planner in Contracting, Servicing and Maintenance of HVAC and Clean Room systems. The company undertakes all types of project and upgrading works pertaining to HVAC & Clean Room Systems. The company is specialized in Design and Execution of all types of HVAC & Clean Room Projects. M/s. Air System has grown into a company of multifaceted activities such as manufacturing of HVAC & Clean Room Equipment's.

The foundation of the company's growth over the last 12 years is a deep understanding of economical stimuli and customer needs, and the ability to translate them into customer desired offering through leading edge team of our professionals. Today we have dedicated team of more than 50 professionals having vast experience of understanding and executing Techno Commercial needs of our customers pertaining to HVAC & Clean Room Systems. M/s. Air System started manufacturing of HVAC Equipment's & Modular Clean Rooms in 2003 with an aim to provide quality, economic, power efficient and reliable products. Our products include various types of Air Handling Units, Air Washer, Pre / Microvee / HEPA Filters, Grilles / Diffusers, Dampers etc.

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## Services :-

Air System is a HVAC & Clean Room Contractors, offering Quality and Honest Services in following disciplines:-

- Design, Installation, Testing and Commissioning of all kinds of HVAC Systems
- Humidification
- Dehumidification
- Maintenance of HVAC Plants
- Design, Installation, Testing and Commissioning of Clean Room Systems
- HVAC & Clean Room Validation





## **Products :-**

We are reckoned as one of the Manufacturers and Suppliers of HVAC equipment's and Modular Clean Rooms. Our quality products are cost effective and power efficient. These are the end products of our highly experienced engineers and skilled technicians. Our every endeavor is to produce quality and world class products. To meet requirements of our customers and quality standards, our highly skilled production team is fully equipped with state-of-the-art manufacturing unit at MIDC Waluj, Aurangabad. Range of Our products is given below:-

- Double Skin Floor / Ceiling Mounted Air Handling Units
- Desiccant Dehumidifiers
- Terminal HEPA Filter Housing
- Return Air Risers
- Inline / Tube Axial / Cabinet Fans
- Pre / Microvee / HEPA Filters
- Cooling & Heating Coils
- Air Management Products
- Modular Wall Panels
- Walkable Ceiling Panels
- Clean Room Doors with Required Hardware
- Double Glazed View Panels
- Metallic Covings
- Clean Room Light Fixtures & Equipment like Pass Boxes, LAFs, Sampling & Dispensing Booths, Crossover Benches and Air Showers.

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## Salient Features of our Air Handling Units:-

Our Air Handling Units are best suitable for Pharmaceuticals, Biotech, Electronic and Healthcare industry.

- ❖ AHU Supporting frame made of extruded aluminum profiles having excellent mechanical characteristics.
- ❖ Profile connected by means of specially made nylon corner pieces.
- ❖ Flexible Assembly, novel structure, operational stability, easy installation and commissioning.
- ❖ Double skin panels fabricated from pre-coated or powder coated galvanized steel sheet on the outer side and plain galvanized steel sheet on the inner side with 40 kg/m<sup>3</sup> density PUF (polyurethane foam) as infill.
- ❖ Copper tube / Aluminum fin direct expansion or chilled water coils with stainless steel insulated drain pan.



- ❖ AMCA Certified DIDW Centrifugal Fan.
- ❖ Fire Retardant flexible canvas connection.
- ❖ TEFC (Totally enclosed fan cooled) electric motors.
- ❖ Powder coated galvanized steel filter frames.
- ❖ Pre and Fine filter from 10μ to 0.3μ Filtration.
- ❖ Airfoil blade aluminum dampers suitable for motorized or manual operation.
- ❖ Wide range of models from 1000cfm to 50000cfm.
- ❖ Custom Built AHU's for special requirements apart from standard models.



## **Clean Room Equipment:-**

Air System offer Cleanroom equipment for Pharmaceutical, Biotech, Laboratory, Microelectronic & semi-Conductor units and Hospitals. We provide tailor made solutions and design the Cleanroom Equipment for specific use.

### **LAF (Laminar Air Flow Unit)**

We manufacturer makes customized LAFU's. The size & of type of LAFU's depend on the type of process and size of the connecting process equipment. For laboratory purpose, we have a standard size with various optional accessories.

#### **Types**

- Ceiling Suspended Laminar Air Flow Unit
- Vertical Laminar Air Flow Unit
- Horizontal Laminar Air Flow Unit
- Mobile Laminar Air Flow Unit

### **RLAFs / Dispensing & Sampling Booths**

Reverse laminar air flow units are designed for dispensing and sampling activities for powder and liquids. The size shall be designed based on the requirement. Optional accessories like Perforated Work Bench, FLP Accessories for flame proof areas etc. in various custom made size are available with compact design.

### **Passbox**

We manufacture makes **Static** and **Dynamic** pass boxes meeting the customer specific requirements meeting the highest standards. Option of choosing type of pass box depends on the contaminant level and transfer of material from one class of cleanliness to other class of cleanliness.

#### **Interlocking**

We have different door interlocking systems for pass boxes like electromagnetic and mechanical type.

#### **Accessories**

Various optional accessories can be provided like Digital Hour Meter, Buzzer, Digital DP Instrument and Glove Ports etc.

*MOC : We offer different MOC options like SS 304, SS 316 and GSS with Powder Coating.*

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## **Modular Cleanrooms:-**

A modular cleanroom system incorporates flexibility in Design, Construction and process integration based on the type of facility and its application. Air System Modular Cleanrooms are designed to suit the specific requirement of the customers and allow them to expand or modify as per their changing business requirements.

Air System offers total cleanroom solutions, right from concept to commissioning, including design, manufacture and installation of cleanroom partitions. The integration of cleanroom partitions with other equipment and utilities is carried out to meet the regulatory requirements ensuring maximum cleanliness and minimum contamination. The solution are capable to both new facilities and refurbishment of existing facilities to GMP Standards.

At Air System each and every panel is manufactured as a customized and pre-designed panel. These customized panels are made at our factory and supplied at the site for construction.

Cleanroom construction begins with the floors, walls and ceilings. At Air System, wall panels and walkable ceiling systems are made to meet the specific requirements of the customers. Wide range of infill options like PUF, Honeycomb (Kraft Paper) and Rockwool are available.

Various Return Air Riser designs are available like inbuilt RA Riser within the panel, Riser between Double panels. The type of risers shall be decided based on the type of facility, cleanliness class and other requirements of the customer.

Air system product range for the entire cleanroom included Wall Panel, Walkable ceiling panels, Cleanroom Doors with required hardware, Double Glazed View Panels, Covings, Cleanroom Light Fixtures & Cleanroom equipment like Pass boxes, LAF's, Sampling/Dispensing booths, crossover benches and air showers.



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## **Highly Satisfied Customer Base:-**

Our ability to precisely address each of our customer's specific requirements and our strong emphasis on quality have earned us an enviable customer base among leading hospitals, pharmaceuticals, microelectronics, biotechnology industries. Prominent among them are:

<b>Name Customer</b>	<b>Location</b>
Amri India Pvt. Ltd.	Aurangabad
Acharya Chemicals Pvt. Ltd.	Ambarnath
Prowill Pharmaceuticals Pvt. Ltd.	Navi Mumbai
Ashwik Pharmaceuticals & Chemicals Pvt. Ltd.	Dombivali
Shirdi Chemicals Pvt. Ltd.	Navi Mumbai
Rubicon Formulation Pvt. Ltd.	Aurangabad
Atra Pharmaceuticals Ltd.	Aurangabad
Accon Life Sciences Pvt. Ltd.	Ratangiri
Adora Products Pvt. Ltd.	Aurangabad
Delta Finochem Pvt. Ltd.	Nashik
Wockhardt Biotech	Aurangabad
Mylan Laboratories Ltd.	Aurangabad
Jubilant Life Sciences	Roorkee
Lupin Ltd.	Mandideep
Oman Chemicals & Pharmaceuticals LLC	Oman
Reni Pharmaceuticals	Ghana, South Africa
Flamingo Pharmaceuticals Ltd	Rabale, Navi Mumbai
Zenvision Pharma LLP	Navi Mumbai
Adama India Pvt Ltd	Dahej, Gujarat
United Breweries Ltd (Kingfisher)	Aurangabad
Vadivarhe Speciality Chemicals Ltd.	Nashik
Lesanto Laboratories	Palghar
Aarti Drugs Ltd.	Palghar
Center One Mall	Vashi
Inorbit Mall	Vashi
Inorbit Mall	Pune
Inorbit Mall	Amravati
Raghuleela Mal	Vashi
Orion Mall	Panvel

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