



AMICRON CLEANTECH PVT LTD.

Hvac & Cleanroom System & Solution

103 – Aai Laxmi Plaza, behind classic hotel, kalyan shill road, Dombivali (E), India - 421204.
Tel-9223501187.

Email Id - info@amicron.com.in , amicronclean@gmail.com, sales@amicron.co.in

Website - www.airmicron.com, www.airhandlingunits.co.in

Corporate Off: -

A-103 Aai Laxmi Plaza, Kalyan – Shil Road, Dombivli €
Tel No – 9821323656

Email id: amicronclean@gmail.com

info@amicron.co.in

sales@amicron.co.in

Website: www.airmicron.com

www.airhandlingunits.co.in

Factory Address: -

Zone 1: Plot No M- 85, Additional MIDC Industrial Area, Murbad Shahpur Road, Murbad, Kalyan
- 421401

Zone 2: Plot No. AM-82, Additional MIDC Industrial Area, Murbad Shahpur Road, Murbad,
Kalyan - 421401



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HISTORY:

- + **AMICRON CLEANTECH PVT. LTD.** is one of the leading designers, manufacturers, contractors, Exporters of Air Handling Units / Ventilation / Exhaust Systems along with other HVAC equipment & Clean Room System in India required for various industries having its manufacturing Unit located at MIDC – Murbad, 50 Kms away from Mumbai City.
- + **AMICRON CLEANTECH PVT. LTD.** is a 10 years old venture, specializes in Conceptualization, Design, Construction and Validation of **Clean rooms, Biosafe environs, Containment facilities and other associated controlled environments, Unidirectional Air Flow Systems (formerly known as Laminar Air Flow Systems), Sampling & Dispensing Booths, Sterilizing, Biological Safety Cabinets, Air Showers, Garments Storage Cubicles, Pass Boxes, Modular Wall & Ceiling Panels, Doors and View Panels etc, Pre-filters & HEPA filters and Air handling Unit, ventilation unit & Air washer System.**
- + It is with great pride we would like to mention here that we have successfully completed project in **HVAC & Cleanroom Solution application** also successfully executed many other prestigious projects in Maharashtra for commercial & industrial applications .
- + We also undertake **Annual maintenance & operation contract** for corporate offices, hospitals, showrooms & industrial premises.
we are enclosing herewith **our company profile with partial list of projects executed.**
- + Our production facilities offer accurate and automatic fabrication equipment along with a well co-ordinated work force of highly skilled technicians to manufacture Pre-engineered & Pre-fabricated for clean room applications.

Now, **Amicron Cleantech pvt ltd** is coming up with more experience & qualitative work with best of our efforts. We can carry out any challenge in manufacturing and we can meet customized order as per customer's requirement. We have all MS/SS fabrication facility consist of well qualified & skill fitters, welders, packers etc. We have well Experience Engineer trained Labour & staff. We undertake engineering manufacturing equipment as per the drawing or sample. Consistent quality control starting at the receipt of goods, followed by repeated checks in the individual attention, right up to the constant top quality of our fabrication work.

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COMPANY PROFILE

- ✦ Amicron Cleantech is strongly known for its quality and services
- ✦ Amicron Cleantech designs, supply, installation, testing and commissioning of proper air management systems for suitable application.
- ✦ We have also providing complete HVAC solutions like Air Washer (Humidifiers) Cellulose Pad and Spray Type, Ventilation units, Treated Fresh Air Units with Heat Recovery Wheels and Energy recovery Ventilators, Dehumidifiers, Air handling Units, Chilled Water / DX Type Coils, Chilled Water Cassetts, Hepa Filter Boxes, Risers etc.
- ✦ Our products & services mostly useful for all applications like comfort air conditioning for Banks, offices, hotels, shopping malls, restaurants, houses, Precision applications for clean rooms, pharmaceuticals, hospitals, IT parks, auditoriums, libraries, Laboratories, telephone exchange , food storage etc.
- ✦ Operating principles: Survive by good quality; develop by high efficiency and Expand by good credibility.
- ✦ In order to satisfy the market demand and the requirements of the clients, the company constantly makes innovation and develops new products. The company constantly increases the investment; it has got the certificates of quality system certificate.
- ✦ Perfect quality guarantee systems and advanced design technology makes products quality stay in the leading position in the market.

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COMPANY PRODUCT

AIR HANDLING UNIT



We offer various kinds of air handling units ranging from lower to a larger capacity of 500 CFM to 75000 CFM. Our range of air handling units includes single skin air handling units and double skin air handling units with thermal break and non-thermal break profile and panel thickness is from 25 to 65 mm.

- ✦ Special Air Treatment Unit
- ✦ Floor Mounted
- ✦ Ceiling Suspended
- ✦ Vertical Mounted
- ✦ Ventilation Unit
- ✦ Single Skin Unit
- ✦ Air Cooling Unit
- ✦ Cooling Coil
- ✦ Ventilation Unit

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CLEAN ROOM PRODUCT

+ Vertical Laminar Air Flow System/Bio Safety cabinet



- Amicron Cleantech make unidirectional vertical laminar air flow (Bio Safety cabinet) Class 2 with box type aluminum construin minipleate heap filter having efficieny 99.997% down to 0.3 micron, 5 micron microvee filter & Exhaust hepa filter with suitable dynamically blower motor assembly, SStable , SS Side & back panel, U.V. stabilized polycarbonate or toughened glass front door in single piece construction sliding upwards with motorized operation OR Door will in TWO pieces, one fixed and another will be removable Arrangement .UV Light with hour meter. etc

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✚ Horizontal laminar Airflow



HORIZONTAL LAMINAR FLOW CLEAN AIR WORKSTATION

Model	Work space dimensions			Overall dimensions		
	w	d	h	W	D	H
2203	36"	24"	24"	40"	42"	57"
2204	48"	24"	24"	52"	42"	57"
2206	72"	24"	24"	76"	42"	57"

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✚ Sampling Booth/Dispensing Booth



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 VFD, work bench, FLP Accessories for flame proof areas and extension sockets etc. in various custom made sizes are available with compact design.

Model	Work space dimensions			Overall dimensions		
	w	d	h	W	D	H
2254-RF	48"	24"	84"	56"	57"	102"
2254-RF-SP-1	48"	36"	84"	56"	69"	102"
2254-RF-SP-2	48"	48"	84"	56"	81"	102"
2254-RF-SP-3	48"	60"	84"	56"	93"	102"
2256-RF	72"	24"	84"	81"	57"	102"
2256-RF-SP-1	72"	36"	84"	81"	69"	102"
2256-RF-SP-2	72"	48"	84"	81"	81"	102"
2256-RF-SP-3	72"	60"	84"	81"	93"	102"

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✚ Static Pass Box/Dynamic Pass Box



Amicron Cleantech makes Static and Dynamic pass boxes meeting the customer specific requirements and to the highest standards. Option of choosing the type of pass box depends on the containment level and transfer of material from one class of cleanliness to other class of cleanliness. We also supply the pass boxes suitable for flame proof areas.

We have different door interlocking systems for pass boxes like electromagnetic, pneumatic and mechanical types.

✚ Ceiling suspended laminar air flow unit





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MODULAR CLEANROOM SYSTEMS



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✚ Wall & Ceiling Panels



A vital ingredient in the creation of Clean rooms, Wall panels form a substantial part of our product offerings. Amicron Cleantech wall panels are manufactured in standard sizes and can also be customized depending on the requirement. Double Skin insulated Clean room Door & view panel.

Specifications

- ✚ **Standard size** : 1200 X 3000mm (Other sizes customizable on request)
- ✚ **MOC** : GI powder coated / SS -304
- ✚ 0.8mm/0.6/0.5mm thick skin pass PPGL sheets, duly powder-coated, fastened to extruded aluminum / GI profiles.
- ✚ Fire retardant PUF as In-Fill (Other In-Fill options available on request)
- ✚ Factory- made cutouts for integration with Pass boxes, Autoclaves etc.
- ✚ Factory –made cutouts for in-built power sockets and Magnehelic manometers



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Cleanroom Doors



AMICRON cleanroom doors are designed to complement the AMICRON wall system and offers a cost effective, durable door solution with our standard GIPC facing or optional stainless steel doors for maximum visibility. AMICRON also integrates many specialty door types into the wall system, including FRP, swing doors, sliding doors. AMICRON cleanroom doors come with a standard hardware package that includes stainless steel hinges and push/pull hardware. Our PVC doors also include stainless steel kick plates and a vision panel.

AMICRON standard door frames are extruded aluminum with a polyester powder coat paint finish, allowing us to field bond the frame to our wall for a flush finish. Standard frames are a blue finish, and alternate colors are available. We also offer stainless steel door frames for all door types. Door frames include an integrated bubble gasket seal on (3) sides of the frame.

AMICRON door options include: automatic door operators, emergency egress hardware, door interlock systems and door status indicator lights.

***AMICRON doors come in a double door option & Magnetic Interlocking System.*

Looking Forward towards associating with your esteemed Organization