



AMICRON CLEANTECH PVT. LTD.

HVAC & Cleanroom System Solutions

ABOUT US:

- 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 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.
- Its 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 put 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 consists 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.

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 assets, 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.





1

BLOWER



CENTRIFUGAL - FW / BW
DIRECT DRIVEN PLUG TYPE
E.C FAN

2

AIR FILTER



10µ / 5µ / 3µ / 0.3µ
HEPA FILTER
ACTIVATED CARBON

3

V.C DAMPER



ALUMINIUM / G.I DAMPER
MANUAL / MOTORISED
FIRE DAMPER

4

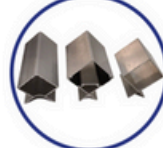
AHU HARDWARE



NYLON / AL CASTING
HANDLE, HINGES, VIEW
GLASS, LIMIT SWITCH, ETC

5

AL. PROFILE



THERMAL / NON THERMAL
PANEL THICKNESS - 25 / 50mm
PUF / ROCKWOOL INSULATED

6

HEATER



SS TUBULAR HEATER
SS STRIP HEATER

7

MOTOR



IE-2 / IE-3 / IE-4
FLP / NON-FLP

8

**MAGNEHELIC
GAUGE**



DIGITAL / ANALOG
S.S BOX / PROBE / PIPE

9

CONTROL PANEL



STARTER PANEL WITH VFD
HMI / PLC / BMS

10

COIL



DX / CHILLED WATER
STEAM / HOT WATER

11

U.V LIGHT



12

**DESICCANT
WHEEL**



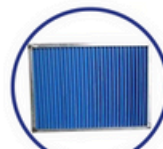
13

LOUVERS



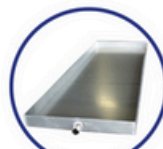
14

**MIST
ELIMINATOR**



15

DRAIN TRAY



AMICRON AHU FEATURES :

- Capacity - 700 CFM - 80000 CFM.
- Static Pressure - 25 mmwg - 250 mmwg.
- Body - PPGI / PCGI / S.S 304 / S.S 316 / Al. Powder Coated for Inner & Outer Panel skin.
- Insulation - PUF / Rockwool / PIR.
- Structure - Thermal / Non-Thermal Break Profile in 25mm / 50mm thickness.
- The Internal components of all Amicron AHU's (Blower-Motor support rails, Filter frame, Coil & Blower blank covers, Collar for damper, etc) shall be Powder Coated / Painted along with Red Oxide for Rust Prevention and enhanced durability.
- Stringent factory testing & thorough internal inspection is conducted for all Amicron AHU's against Air / Water leakages along with performance orientated parameters like Air Flow, Velocity, pressure loss, noise level, etc prior to dispatch.
- Amicron offers Retro fitting options for energy optimizations & better performance.
- Amicron offers Annual Maintenance Services.



HORIZONTAL AHU



DOUBLE TIER AHU



STAINLESS STEEL AHU



VERTICAL TIER AHU



CEILING SUSPENDED AHU



SMART AHU



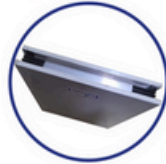
MINERAL WOOL
INSULATED
PANEL

PUFF-INSULATED
PANEL

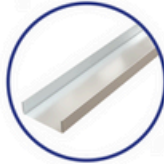
①
PROGRESSIVE



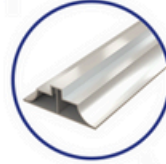
②
NON-PROGRESSIVE



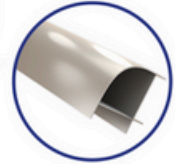
③
G.I. BASE



④
AL BASE



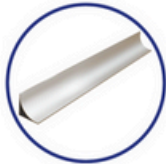
⑤
EXTERNAL COVING



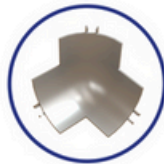
⑥
2D CORNER



⑦
INTERNAL COVING



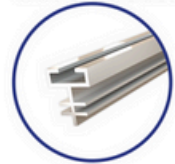
⑧
3D CORNER



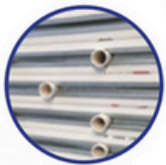
⑨
WALL
CONNECTOR



⑩
CEILING
CONNECTOR



⑪
CONDUITS



⑫
SILICON



⑬
CONCEALED
RISER



⑭
WINDOWS



⑮
GRILLS



CLEANROOM PANELS FEATURES :

- Type - Progressive / Non-Progressive
- MOC - PPGI / SS304 / SS316L / HPL
- Infill Material - PUF : 40 Kg/m³ | Mineral Wool : 60 to 150 Kg/m³
- Thickness - 35mm / 50mm / 60mm / 80mm / 100mm
- Panel Peripheral profile - G.I / P.C.G.I / Aluminium
- Maximum Panel Dimensions - 1200mm (W) X 5000mm (H)
- Compressive Strength - 2.1 Kg/cm² (At 10% Deformation)
- Tensile Strength - 4.1 Kg/cm²
- Closed Cell Content - 90 - 95 %
- Inbuilt Riser - 80mm / 100mm





DOUBLE LEAF DOOR



EMERGENCY DOOR



SINGLE LEAF DOOR

1
DOOR CLOSER



2
HINGES



3
LOCK



4
HANDLE



5
KICK PLATE



6
INTERIOR DROP SEAL



7
EXTERIOR DROP SEAL



8
PANIC BAR



9
VIEW GLASS



10
TOWER BOLT



11
GASKET



12
HARDWARE



13
PUSH PLATE



14
ELECTRICAL STRIKE



15
ELECTRICAL HINGES



SINGLE DOOR & DOUBLE DOOR

- MOC : PPGI / SS304 / SS316L / HPL
- Infill Material - PUFF / Mineral Wool / Honeycomb
- Frame & Shutter - P.C.G.I / Aluminium
- Type - Manual Swing / Manual Slide
- Colour - Powder Coated (Customised as per requirement)
- Door Frame Thickness - 50mm / 60mm / 80mm / 100mm
- Single Leaf Door Width - 600mm to 1200 mm
- Double Leaf Door Width - 1200mm to 2400mm
- Maximum Door Height - 2500mm



AIR SHOWER



BIO SAFTY CABINET



HORIZONTAL LAF



VERTICAL LAF



REVERSE LAF



FUME HOOD



DYNAMIC PASSBOX



STATIC PASSBOX



LOCKERS



GARMENT CUBICLE



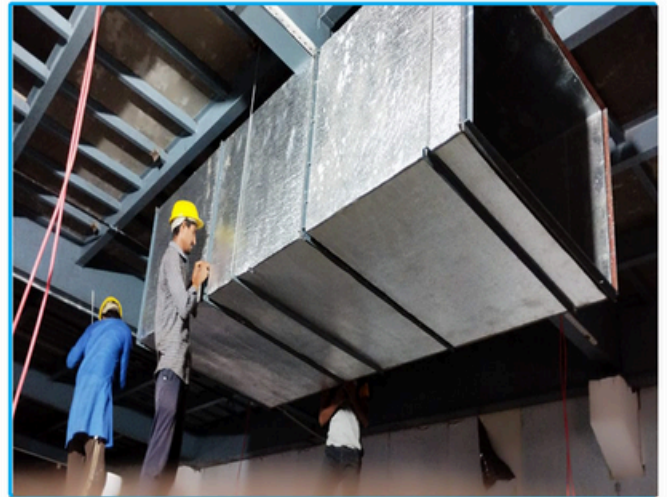
CROSSOVER BENCH



STORAGE RACK



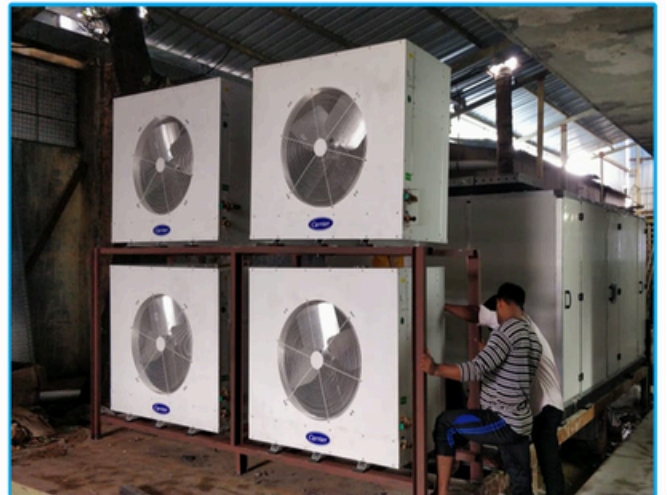
TDF DUCTING



ANGLE DUCTING



CHW MANIFOLDS



OUTDOOR UNITS



CONTROL PANEL



PLC / HMI

OUR CLIENTS:



AMICRON CLEANTECH PRIVATE LIMITED

Corporate Office :- 106, 1st Floor , Primus Business Park, 16A Ambica Nagar,
Wagle Industrial Estate, Thane West - 400604

Factory: M- 85/86, Murbad MIDC, Murbad Shahpur Road, Kalyan - 421401

Phone number. 9223501187 / 7303033308

Email: info@amicronclean.com / amicronclean@gmail.com

Website: www.amicronclean.com / www.airhandlingunits.co.in

