



Complete Air Management Solutions

ABOUT THE COMPANY

GVS is primarily a manufacturing and project company in the field of Heating, Ventilation and Air Conditioning. We have dedicated teams for Manufacturing and Projects independently working together in a very close knit, to accomplish projects in the smoothest of the manner. Our team shows strengths in delivering the projects on defined targets following the best of the project management practices. We design, supply, install and commission projects in the field of air conditioning, air cooling, heating and ventilation systems. Our Esteemed Global clients from Japan, Korea, India, America and other parts of the globe, mainly work in the field of automobiles, automobile components, textile, pharmaceutical, food & beverages, appliances and hospitality industry.

GVS offers solutions to its customers keeping in mind the Motto "WE SAVE ENERGY". It undertakes turnkey projects which involves activities into:

Design, Supply, Testing and Commissioning of Project Systems

Design & Engineering Consultancy Services

Manufacturing of Equipments like Single Stage and Two Stage Air Washer Units, Air Handling Units, Kitchen Scrubbers, Industrial Air Coolers and Dehumidified Wardrobes.

Air Purification Systems

GVS is also involved in a specialised field of Refrigeration and is competing well in the same industry for products like Territory Delivery Units, Deep Freezers, Freezer on Wheels and Water Coolers. In this field we work primarily for domestic and international ice cream manufacturers, frozen vegetables, frozen meat and dairy product companies.



OUR VISION

We believe in fundamental engineering technology, Industrial development, collaboration, diversity in business and contribute our significant presence.

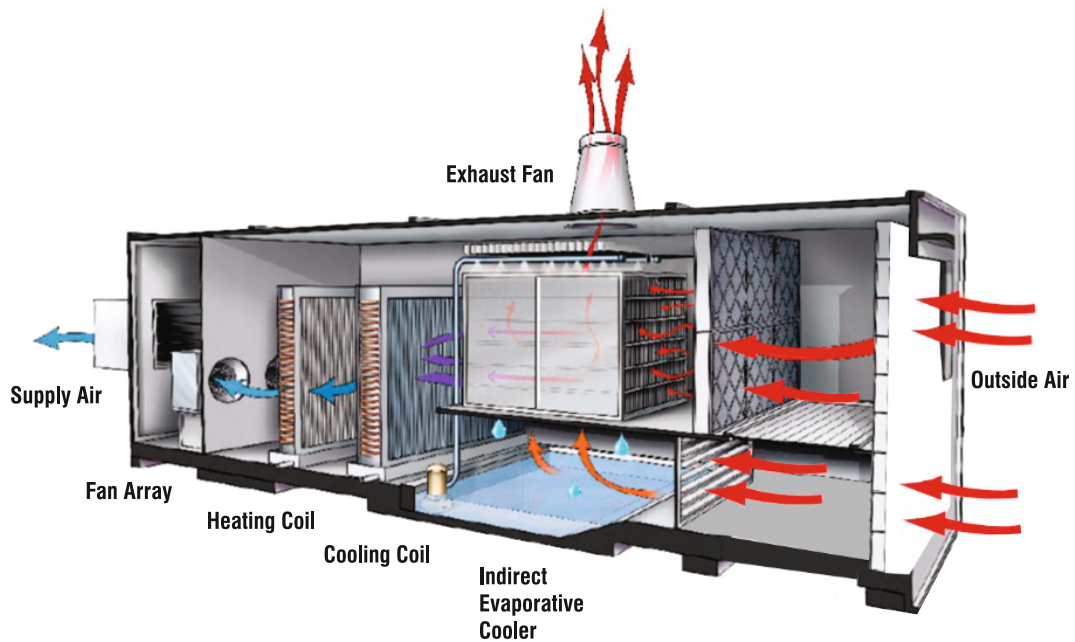
We wanted to become a renowned global engineering company with innovative employees & stake holder involvement.



MISSION

Our mission is to provide honest and helpful working environment to all stake holders where every individual is committed to provide excellent workmanship & services with professional integrity.

Multi Stage Cooling Unit



"Greenoz" eco-friendly Air Cooling Experts, brings you Unique, energy-efficient and eco-friendly cooling solutions, based on indirect direct evaporative cooling technology. With indirect evaporative cooling, a secondary air stream is cooled by water. The cooled secondary air stream goes through a heat exchanger, where it cools the primary air stream. The cooled primary air stream is circulated by a fan. Indirect evaporative cooling does not add moisture to the primary air stream.

"Greenoz" Multi Stage Units using natural refrigerants that enhance the use of improve sustainability and offer energy efficiency cooling system. Our products can heat, cool, humidify, bring in fresh air to maintain indoor air quality, do heat recovery and improve energy savings with a short payback period.

Capacity : 3,000 to 80,000 CFM

Applications

Public Places : Cinema Halls, Auditoriums, Banquet Halls, College Buildings, Religious Buildings, Municipal Halls, District Admn. Buildings, Community Centers.

Institutional Area : Defense Services, Para Military Services, Research Institutions, Para Military Network, Police, Border Security Forces, Bank Buildings, Schools, Colleges, Libraries, Laboratories.

Automobile Industries : Automobile Assembly Area, Automobile Component Manufacturing Area, Mechanical Engineering Labs, CNC Machining Areas, Sintered Carbide Cutting Tools, Packaging Areas, Welding Shops.

Paper Industry : Processing Area, Packing Areas, Spot Cooling For Operators.

Textile Industry : Processing Area, Packing Areas, Spot Cooling For Operators.

Air Washer

It is an evaporative cooling method which uses water as a medium to cool the air. We manufacture wide range of air washers with various capacities

Air Washer Comprises of:

- Centrifugal Fans
- Celullose Pad Type/ Spray Type
- Pre Filters/ Fine Filters
- Single Skin/ Double Skin
- Pump
- Fan Motor
- SS- 304 Water Tank
- PVC Eliminator

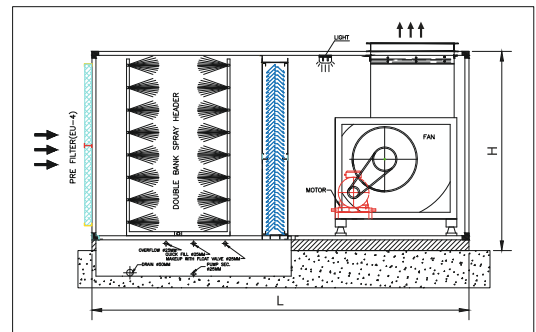


Air Scrubber Unit

Kitchen Scrubber is an equipment which scrubs the fumes generated while cooking in the kitchen. These fumes uses high pressure water from the spray banks to trap the contaminated air separating oil, grease and other particulates from air. These kitchen scrubbers are highly efficient with low pressure drops. We manufacture wide range of Kitchen Scrubbers.

Kitchen Scrubber Comprises of :

- Centrifugal Blower with Motor
- Intake Louvers
- GI Spray Header Banks with PVC/Brass Spray Nozzles
- SS – 304 Water Tank
- PVC Eliminator
- Single Skin/ Double Skin

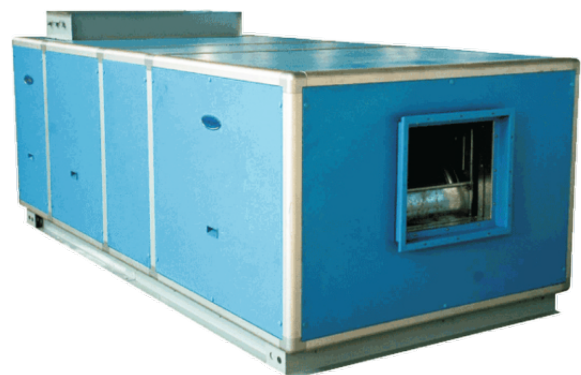


Floor Mount AHU

We manufacture wide range of AHU's. We Design our AHU's with a rigid frame work design for better strength. All profiles used are corrosion free. We have in house PUF injection where each panel is injected with CFC free polyurethane foam upto 40kg/cu density. The drain pan made of SS-304, and insulated on out side with closed cell insulation.

Air Handling Unit Comprises of :

- Centrifugal Blower / Direct Drive Fans
- Cooling Coil/ Heating Coil
- Pre Filter/ Fine Filter/ Hepa Filter
- Thermal Break Profiles
- Face and Pass Dampers
- Air Mixing Chambers
- Single/ Double Skin
- Floor Mounted



Kinds of Unit



Horizontal Unit



Vertical Unit



Ceiling Suspend



Exhaust Unit



Fresh Air



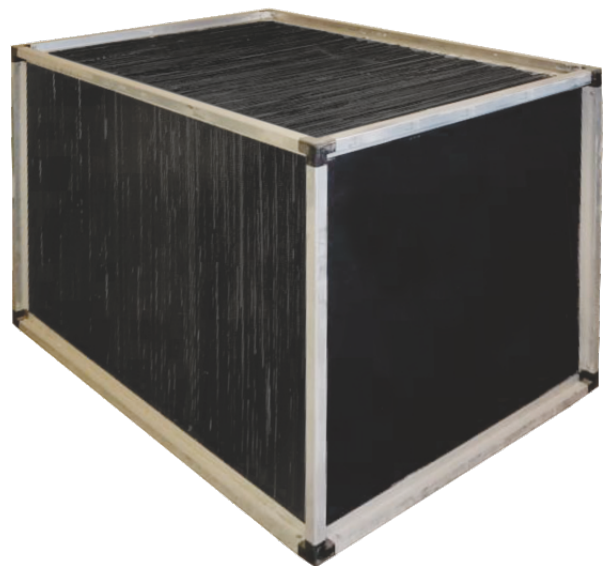
Faarma Unit

Polymer Plate Heat Exchanger

Greenoz has a cross flow polymer plate heat exchanger, removing sensible heat from air reducing the dry bulb (DB) & Wet Bulb (WB) temperatures to achieve high thermal efficiency with the our unique plate design which creates good turbulence even at low velocities. Outdoor & Exhaust air plates ensures the air tightness while transferring the heat. It has no moving parts and so its more reliable and ensures longer service life.

Advantages

No refrigeration used – environment friendly, Reduces power, Reduces water consumption, Total separation of Fresh & Exhaust Air streams Complete Joint sealing, No cross contamination, Anti-fungal, Anti-bacterial coating, Vertical or Horizontal construction available, High grade polymer,





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