



**CLIMATE**  
TECHNOLOGIES

Adjusting Atmosphere



## ABOUT US

PMP Climate Technologies is one of the distinguished names engaged in manufacturing, supplying and exporting of broad range of Heat Exchanger, Commercial and Industrial Coils like air/water cooled condensers, evaporator (chiller) for refrigeration and air conditioning unit. We also offer wide range of Oil cooler, Marine cooler, Low temperature unit, fan coil unit, condensing unit, Air handling unit and Air Washer Unit for both industrial and commercial application. We also provide job work for re-tubing and cleaning and erection work for any types of heat exchanger at on site and our work shop.

The comprehensive ranges of our products are appreciated by various clients in India for the unrivaled features such as precision performance, prolong maintenance free life. Furthermore, we offer our entire range through convenient both technical & economical aspect of the clients.

All products are designed specially by a team of experts in the field who understand the Indian Climatic and working conditions. We have been undertaking extensive research and developmental activities to enhance our design. Thus, we are able to offer the best products with the latest Technology. Our company is driven by a team of Qualified Engineers. They are equipped with in-depth knowledge of Management / Finance background and are enriched with over more than 10 years of specialized experience in heat management systems. We are able to gain a strong foothold in the industry under the efficient guidance and leadership of Core Team and Partners. With his transparent and ethical business dealings, we are able to gain the trust and confidence of our huge client base.

1 HVAC EQUIPMENTS

2 MODULAR O.T. & ACCESSORIES

3 HVAC AND CLEAN ROOM SERVICES

# HVAC EQUIPMENTS

- Air Handling Unit
- Air Washer System
- Fresh Air Unit
- Tow Stage Evaporating cooling System
- Kitchen Dry scrubber system

## MODULAR O.T. AND ACCESSORIES

- Clean partition
- HVAC
- Laminar Air Flow
- Flooring
- Control Devices

- Treated Fresh Air Unit
- Ceiling Suspended AHU
- Exhaust Air Unit
- Dehumidifier Unit
- Kitchen Wet scrubber system

## HVAC & CLEAN ROOM SERVICES

- Preventing Maintenance
- Part Supply
- Clean Room Service
- AMC

## Air Handling Unit (A.H.U.)



### FEATURES

- Anodized aluminum profiles
- High density CFC free puf filled panels
- Galvanized steel channel base
- Weather proof light, limit switch, view glass
- Thermal break profiles- Different stage filter section
- Imported centrifugal fans
- Pre fabricated duct with MS angle flanges
- Ducts are available in different shapes and sizes

**Range:-** 2,000 CFM To 1,00,000 CFM

**Blower Types:-** Backward / Forward blowers

**Bearings:-** Self Aligning, Pillow Block Type

**Filters:-** Synthetic, Washable

**Panels:-** GI/SS/FRP Long Life Body

**Single Skin:-** 18 SWG, Powder Coated

**Double Skin:-** 24 SWG, Skins with Sandwiched Insulation

### SPECIFICATION

- Floor mounted, double skin vertical, ceiling suspended ductable and special purpose AHU's are available- 500 To 100,000 CFM capacity
- Inner panels made out of Stainless steel/Aluminium/ Pre coated/Powder coated sheets- Single skin and ventilation units are available
- GI/Aluminium/SS duct with flanges- Silicon/solder/full welded options- Flexible ducts with all accessories Aluminium/ GI return air risers
- Volume control dampers in aluminium/GI Thermocole with aluminium foil/nitraile rubber insulation



## Ventilation System

### Dry Scrubber Unit

Clear dry scrubbers provide an equal performance in removing kitchen exhaust, smoke, oil, dust particles and odor. Clear offers a vast performance spectrum of electrostatic filters and mechanical filter designed as individual and as modular units. Clear yields in cost effective benefits increased process quality and again in productivity.

Thanks to effective and efficient production of our Environment and respectively the permitted particles as per PCB Norms.



### Treated Fresh Air Unit

Treated Fresh Air Units (TFA) are also known as Fresh Air Handling Units (FAHU). Unlike Air Handling Units that are used to recirculate the air in an enclosed space, TFAs cater to large, fresh airflow and recovery needs by treating outdoor air using filters and condition it some degree using a cooling system.



### Ceiling Suspended AHU

Ceiling Suspended Double / single Skin Air Handling Unit, which has compact structure, elegant outlook, and low noise design. This unit is comprised of modular constructions configured from DIDW centrifugal Fan with single phase motor Sectional - for Ease of Installation

- Low Profile
- Low Noise Break Out



## Ventilation System

### Air Washer Unit

#### FEATURES AND ADVANTAGES

- Range :- 2,000 CFM TO 1,00,000 CFM
- Blower Types :- Backward / Forward / Plug blowers
- Bearings :- Self Aligning, Pillow Block Type
- Filters :- Synthetic, Washable
- Panels : GI/SS/FRP Long Life Body
- Single Skin :- 18 SWG, Powder Coated
- Double Skin :- 24 SWG, Skins with Sandwicheed Insulation



### Two stage evaporative cooling System

A two-stage evaporative cooling system can deliver cool indoor air with a relative humidity in the 50%-65% range, while direct evaporative cooling systems typically condition the air at around 70% relative humidity.

According to the American Society of Heating and Engineers (ASHRAE), advanced two-stage evaporative coolers can use 60%-75% less electricity than conventional refrigerant-based AC systems.



### Wet Scrubber Unit

kitchen wet scrubbers are spray type, the kitchen fumes are drawn from the kitchen hoods through duct, the duct is connected to the inlet of scrubber, then the fumes passes horizontally.

wet scrubbers are highly efficient with less pressur drop and are manufactured in double /single skin construction having inlet louver, stainless steel tank with double bank spray header comprising of brass / PVC





## Modular Operation Theater (Modular O.T.)

Modular Operation Theater (Modular O.T.), manufacturers and designing for hospital operation room, laboratories etc. Our modular operating theater equipment has been satisfying those conditions consists of a ceiling, slanted panels and wall, in addition, it has a high availability with high work ability and enough functions, which is provided for the introduction of a new facility in the future.

### OPERATION ROOM PANELS

Our range of Modular Operation Room Panels are suitable for super speciality & general operation theater rooms.



### Hermetically Sealed Metal Doors

PMP Climate is the Hermetically sealed Metal Doors manufactured in VADODARA, GUJARAT. Hermetically Sealed Metal Doors satisfy the most stringent requirements for environmental controls.



### Operation Theater Room Accessories

We deal with all kind of operating room accessories like OT Pendant, OT Light, Peripheral Light, X-Ray Screen, Writing Board and Modular Fittings.



## Our Valuable Clients :





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An ISO 9001:2015 Certified Company

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