



## PIONEERING **4C-AIR** SOLUTIONS SINCE 1989

Clean, Conditioned, Controlled & Contamination-Free Air



## About Zeco Aircon

We have been consistently providing comfortable, clean, and infection-free air to all the corporates and business houses of India along with other parts of the world through the range of world-class HVAC products and patented air purification technologies. We started from a small factory in Todapur village, New Delhi, with ten employees to 4 state-of-art factories in Bahadurgarh, Malur, and Lahe and 12 sales offices in India, with over 1000 devoted employees is our growth journey of 35+ years.

With robust technology, extensive research and development, and dedicated resources, Zeco is poised to navigate the dynamic market landscape and lead the way into the future.



### Latest Technology

With robust technology, extensive research and development, and dedicated resources, Zeco is poised to navigate the dynamic market landscape and lead the way into the future.



### Assured Quality

Quality is at the core of everything we do. Zeco maintains stringent quality control measures to deliver products and services that meet the highest standards.



### Timely Delivery

We understand the importance of deadlines. Zeco is committed to delivering projects on time, every time, without compromising on quality.



### Client Satisfaction

Our ultimate goal is client satisfaction. Zeco works closely with clients to understand their needs and deliver tailored solutions that exceed expectations.



# Operational Excellence

With robust technology, extensive research and development, and dedicated resources, Zeco is poised to navigate the dynamic market landscape and lead the way into the future.



# Our Journey



**1989**

Came Into Existence in Delhi & started with coil manufacturing



**1999**

FCU Manufacturing



**2006**

State-of-the-art Manufacturing Plant In Haryana

**2008**

GI Duct Manufacturing



**2010**

Manufacturing Unit In Karnataka



2023

Become a part  
of Munters  
Group

2020

New Corporate  
Office In Gurgaon,  
Haryana

2013

Manufacturing  
Unit In  
Maharashtra  
for PID & AHU



2021

AHU Filter &  
Control Panel  
Manufacturing

2016

Started  
manufacturing  
Smart AHU



# Air Handling Solutions

Our AHUs are Eurovent & AHRI certified, ensuring global quality, energy efficiency, and superior performance. Catering to industries like commercial buildings, pharmaceuticals, data centres, and cold storage, we focus on precision engineering, sustainability, and compliance with international standards.

**72,000 units  
per year**



AHU | FCU | TFA | ZIDEC | ZOAS | ZEN

With advanced automation and rigorous quality control, Zeco delivers trusted, high-quality air management solutions for diverse applications

# Smart AHU

Our Smart AHU is equipped with an integrated control system, which makes it the most advanced air handling unit in the market. It is the latest addition to our AHU line providing a one-stop solution for all air management needs. We have 36 ready models ranging from 1000 to 60,000+ CFM that can be completely customized. It offers a wide range of control over IAQ, humidity, DCV, Automation along with the Real-Time monitoring, and energy saving.



Hospital

Warehouse

Airport/Metro Station

Commercial/IT Building

Hotel

## Benefits:-



Energy and cost saving



24x7 operations management



Real-time monitoring



Customized I/O with analytics.



Customized compact design



High efficiency fans & motor

## Features:-



Customize solutions for all air management needs.



Pharmaceuticals, commercial, residential, & office applications.



Wireless compatibility for smart access



BMS & Fire alarm system integration.



Inbuilt control panel with display



# Cleanroom AHU

AHU play a vital role in supplying contamination-free air to the Pharmaceutical industry. Hygiene is given top priority in a few applications like cleanrooms, health care, pharma, microelectronics etc., where controlling certain parameters in the air is a basic necessity. Our range of customized cleanroom AHU 1000 - 60,000+ CFM is manufactured to substantiate GMP standards for meeting high-quality product requirements.



Hospital



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## Benefits:-



Energy efficient customized solutions.



Hotwater coils /Heaters steam coils



EC/IE-3/IE-4/IE-5 motors



Units compatible with VRF/VRV ODU's & chilled water system

## Features:-



Thermal break profile with internal coving



Rigid Framework with 45/50 mm thick panels



Air tight door locking mechanism



Aerofoil blade low leakage dampers








# Fresh Air Handling Unit (FAHU/TFA)





Fresh air is a basic need in any building for occupants' health. Our Fresh Air Handling Units (FAHUs) infuse fresh air from outside. This air is treated to make it clean and comfortable before circulating it in the required spaces. It offers cooling, heating, humidification, dehumidification, efficient filters, sound attenuation, and many more features.



## Benefits:-

-  Infuses O<sub>2</sub> in the controlled spaces to counter SBS/BRI
-  Dilutes air born infection in the air
-  Energy efficient
-  Reduces particulates (Dust, Dander and Pollen) in the air
-  Diminishes harmful gases (VOCs & Odors)

## Features:-

-  Customized treated fresh air solution
-  Heat recovery and smart automation (Optional)
-  Aluminium or SS casing (Optional)
-  BMS compatible

# Fan Coil Unit

Our FCU consists of a blow-through /draw-through arrangement of a fan and coil. Our AHRI-tested and certified FCU offers a customizable compact; range for 1TR to 4TR and a high static pressure range. A Fan Coil Unit can be with or without duct work and is used to control the temperature in spaces like residences, hotels, commercial buildings or offices.



Hospital



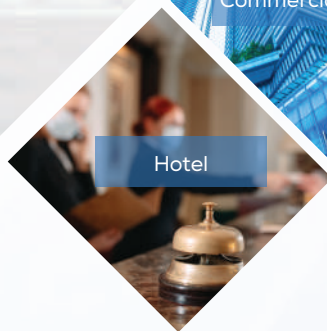
Warehouse



Airport/Metro Station








Commercial/IT Building



Hotel

## Benefits:-

-  Low noise operation
-  Energy saving
-  2 Pipe/ 4 Pipe systems
-  Equipped with Nano or high efficiency filters
-  DX/CHW/Hteating

## Features:-

-  Space-saving compact height
-  SS Drain Pan
-  VRF/VRV compatible
-  Units performance tested as per AHRI 440
-  AHRI 410 certified coil performance
-  Easy access for service

# Vertical AHU

Our vertical AHU is ideal for places where the installation of a traditional AHU is not a viable option. Its compact design makes it a perfect fit for areas with horizontal space constraints. Our customized range offers multiple options for heat exchangers, cooling, heating, filtration and supply options from 1000- 20,000 CFM.



Hospital



Warehouse



Airport/Metro Station



Commercial/IT Building



Hotel

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Reduces particulates (Dust, Dander and Pollen) in the air



Diminishes harmful gases (VOCs & Odors)

## Features:-



Customized treated fresh air solution



Heat recovery and smart automation (Optional)



Aluminium or SS casing (Optional)

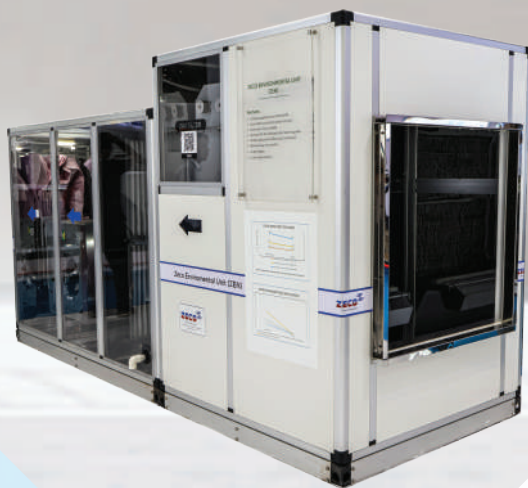


BMS compatible



# Zeco Enviromental Unit (ZEN)

The ZEN ZECO Environmental Unit is a highly efficient and environmentally friendly solution for exhaust air treatment & treated fresh air intake. It complies with the guidelines of CPCB & NFPA for handling combustible metals. By taking care the stringent Stack Emission norms for PM (particulate matter), NOx (nitrogen oxide & its derivatives) and CO (Carbon Monoxide).



Hospital



Warehouse



Airport/Metro Station












Commercial/IT Building



Hotel

## Benefits & Features








-  Saves high amount of water
-  Neutralize PM, NOx & CO2.
-  Multiple applications (Industrial & Commercial)
-  Reduce energy consumption
-  Longer lifespan
-  Complies guidelines from CPCB & NFPA
-  Sustainability solutions for pollution control
-  Control water pollution
-  Low maintenance

# Zeco Indirect Direct Evaporative Cooling Unit (ZIDEC)

ZIDEC involves two stage process which include Indirect and Direct evaporation of water to cool supply air stream. The first stage is Indirect Cooling stage where hot ambient air passes through sensible air to air cross flow heat exchanger where the sensible heat is removed. Heat exchanger is made up of engineered polymer having anti-fungal, anti-bacterial inert coating on wet side to improve the heat transfer through adjacent surfaces.



## Benefits & Features

-  Uniform Water Distribution
-  Healthier System 100% Fresh Air
-  Low Running Cost- Huge Savings In The Power Consumption Bills As Compared To Central Air
-  Conditioning System
-  Provides Dust-free Environment.
-  Environment Friendly
-  Unlike Conventional Coolers, This System Is Odorless System

# Zeco Outdoor Air System (ZOAS)

Zeco Outdoor Air System (ZOAS) is a HVAC system that consists of two parallel systems: a dedicated system for delivering outdoor air ventilation that handles both the latent and sensible loads of conditioning the ventilation air, and a parallel/decoupled system to handle the (mostly sensible heat) loads generated by indoor/process sources and those that pass through the building enclosure.



## Benefits & Features

-  Improves ventilation & humidity control
-  Cross-Contamination Control
-  Enhanced Filtration
-  Desiccant Dehumidification
-  Noise & Vibration Free

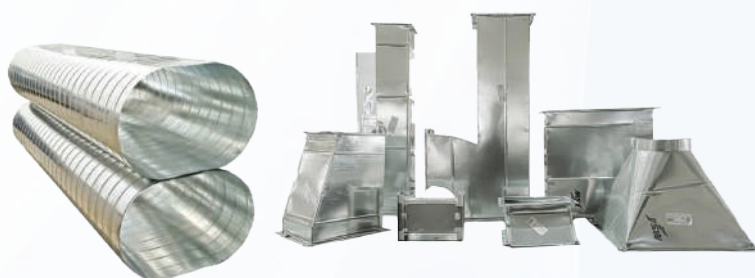
-  Low Power Consumption
-  Reduced Risk For Mold Or Other
-  Microbial Growth
-  Provide Clean Dry Air



# Air Distribution

Zeco's Air Distribution solutions are designed to ensure uniform airflow, enhanced indoor air quality, and energy-efficient ventilation across various applications. From ducting systems and air diffusers to grilles, dampers, and louvers, our solutions are engineered for precise air control, minimal leakage, and superior performance. Manufactured with high-quality materials and advanced technology,

**3,200,000 m<sup>2</sup>  
per year**



**DUCT GI/SS/AL | PIP**

Zeco's air distribution products cater to commercial buildings, healthcare, pharmaceuticals, data centers, and industrial facilities, delivering optimal comfort, efficiency, and reliability.

# Duct GI/SS/AL

Galvanized Iron Duct is the standard and most common material used in fabricating ductwork. Its specially designed-zinc coating prevents rusting and avoids the cost of painting. We produce metal ducts as per SMACNA standards with accessories to make negligible site loss of air and long life of ducts.



## Benefits:-



Faster project completion



Less accumulation of dust



Less energy loss

## Features:-



Lightweight



Aesthetic compatibility



Green building eligibility



Zero leakage



Weather proofing



Factory fabricated ducts



# Pre-Insulated Pipe





ZECO's Pre-Insulated Pipes are used to carry hot/cold water from small to large spaces. Our PIP are best suited for air conditioning with chilled/hot water piping systems, process piping systems and domestic hot water piping systems with media temperatures ranging between  $-50^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$  in any environmental conditions. It is the most advanced, safe and economical way of carrying water without thermal loss.



## Benefits:-

-  Prevents heating & Cooling losses
-  Utilizes CFC free blowing agent.

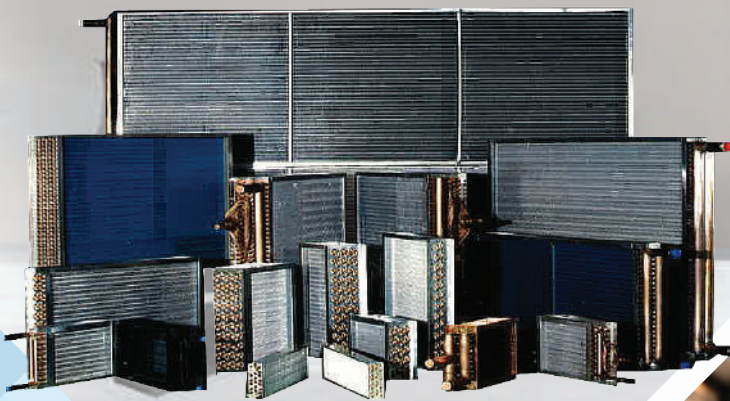
## Features:-

-  Eliminates need of inside insulation of pipe
-  Variety of insulation and jacket material
-  PUF and calcium silicate insulation
-  HDPE, Aluminium, SS & GI jackets



# Coil

Be it a Chilled Water Coil, Hot Water Coil, Brine Coil, DX Coil (Refrigerant based), High-Efficiency Heat Transfer Coils (specially designed) we manufacture all. To increase surface area for efficient heat transfer, we use aluminium fins; if anticorrosive treatment is required, we offer hydrophilic-coated blue Aluminium fins. We offer Copper and Stainless Steel (304) fins. For effective cooling in DX Coils, we provide Inner Groove Tube (IGT) for efficient heat transfer. For Drain Pan, we offer multi-sloping in Aluminium or Stainless Steel (304), duly insulated with closed-cell nitrile/PUF. Our AHRI-Certified coils (heating/cooling) are made as per AHRI solutions & standards.



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Commercial/IT Building

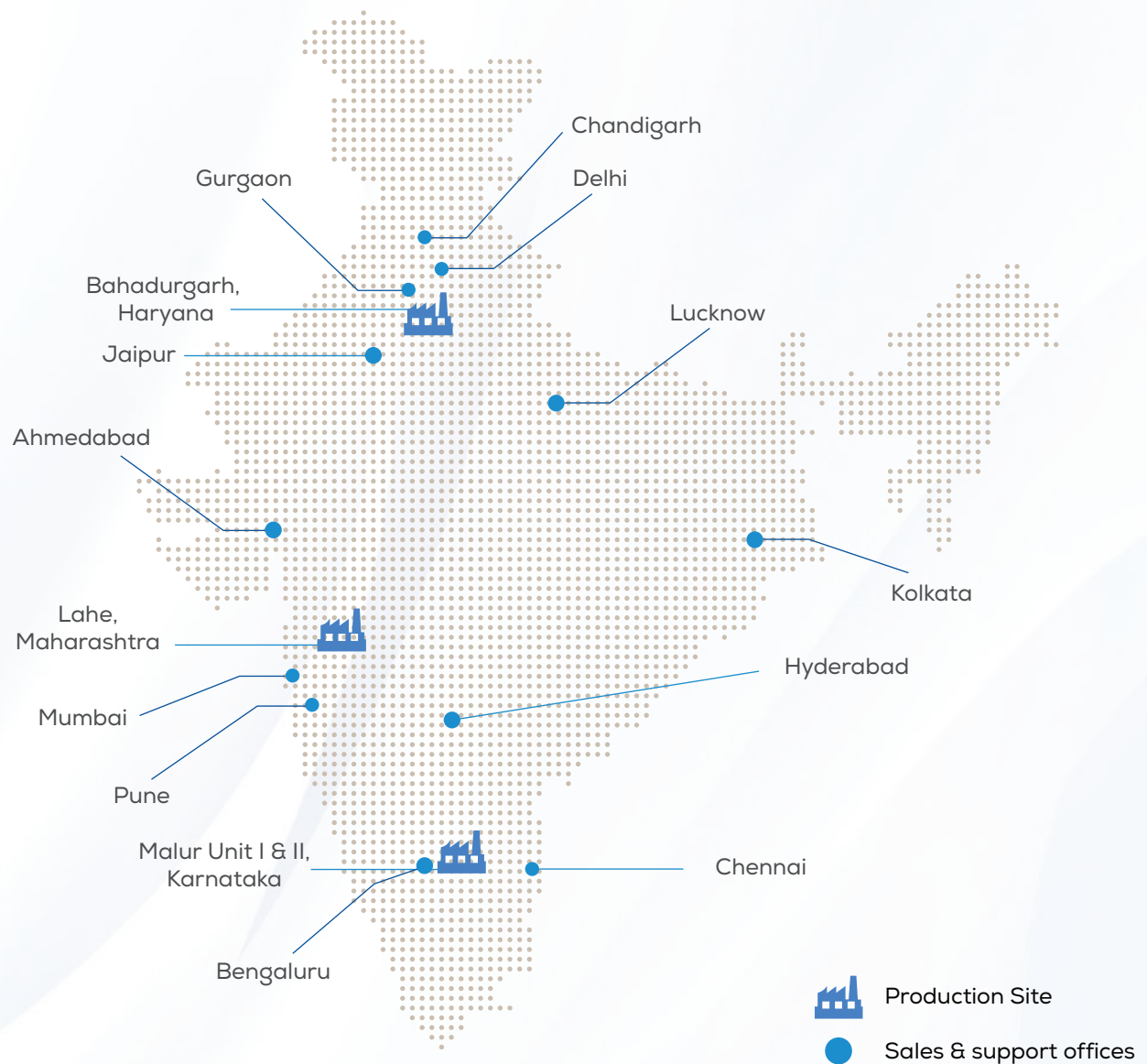


Hotel

## Features & Benefits:-

-  Coil Casing - GI/SS-304 (Optional)
-  Tube Dia. - 12.7 mm ( 1/2" O.D)/9.5 mm (3/8")
-  Header material - Copper/MS
-  Customizable
-  AHRI -410 Certified
-  DX/chilled water compatible
-  Fin material - Aluminium / Copper(optional)





Net Sales (Cr.)

₹400+

Trusted Partners

700+

Years of Experience

35+

Number of employees

1500+

Production plants

4

## Delivering Sustainable Solutions for a Healthier Tomorrow

With a presence across 12 cities in India and a growing global footprint, Zeco is powered by 1500+ dedicated employees committed to delivering solutions that reflect quality, reliability, and trust. Our energy-efficient, sustainable HVAC systems are designed to meet the diverse needs of our clients across sectors. At Zeco, we are building lasting partnerships that drive customer success and contribute to a healthier planet.

# Our Clientele



## Sales & Support Offices

Ahmedabad | Bengaluru | Chandigarh | Chennai | Delhi | Gurugram | Hyderabad | Jaipur | Kanpur | Kolkata | Mumbai | Pune

### Corporate Office

#### Gurugram

DLF Corporate Greens,  
Tower No. - 4, 12th Floor,  
Southern Peripheral Road,  
Sec - 74A, Gurugram -  
122004, Haryana

### Manufacturing Facilities

#### Haryana

O-1, O-5 and O-3/A,  
Old Industrial Area,  
Bahadurgarh-124507  
Haryana, India

#### Maharashtra

343 & 343/1/A,  
Village Lahe, Mumbai-  
Nashik Highway,  
Taluka Shahpur,  
Thane - 421603

#### Karnataka

Plot no. 124 to 127,  
3rd Phase, KIADB Industrial  
Area, Malur, Distt: Kolar,  
Karnataka - 563130

**Registered Office:** Office No. 105, First Floor, Padma Tower-I, Rajendra Place, New Delhi 110008

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