



citizen

a member of **DAIKIN** group

The Air Specialist



CEILING SUSPENDED
UNITS



SMART AIR
HANDLING UNITS



FAN COIL
UNITS



AIR WASHERS &
AIR SCRUBBERS

ENERGY EFFICIENCY | RELIABILITY | CUSTOMISED SOLUTIONS | PAN INDIA SUPPORT

ABOUT US

Citizen Industries Pvt. Ltd. (Formerly known as Citizen Industries Limited) is the leading AHU manufacturer for residential, commercial and industrial purposes. Citizen Industries was established in **1987** as an OEM of domestic air conditioning equipment. In a short span of four years, Citizen expanded its manufacturing facilities to manufacture all kinds of Air Handling Equipment.

Daikin Airconditioning India Pvt Ltd (DAIPL) acquired Citizen Industries Limited in 2021 and we are continuously evolving and expanding our operations ever since.

We are backed by innovation and technology that helps us in delivering efficient air conditioning solutions. We have obtained certifications including ISO 9001:2015, AHRI certification for AHU casings and coils and Eurovent certification for AHU's.

MANUFACTURING FACILITIES

We have state-of-the-art manufacturing facilities at Ahmedabad & Bengaluru



SANTEJ, AHMEDABAD

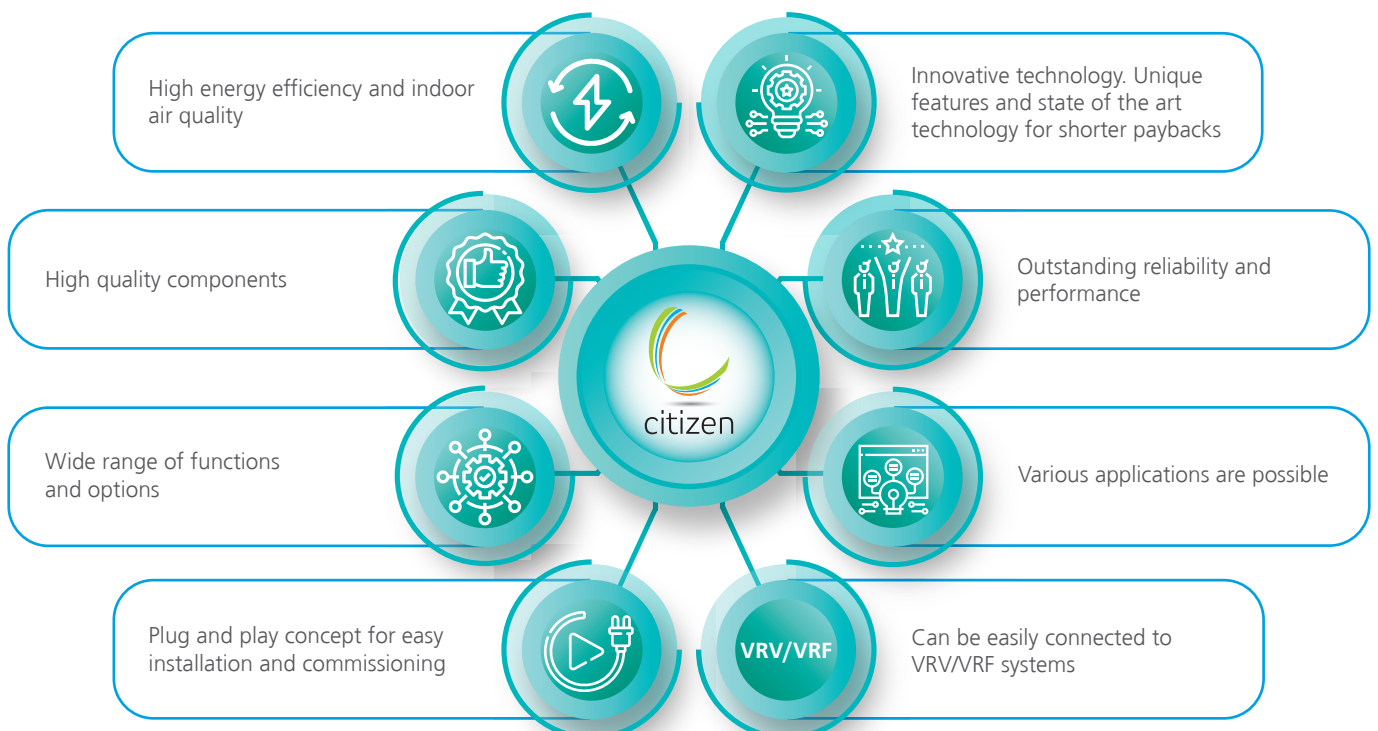
Established in 1995, this unit is spread over an area of 1,07,000 sq. ft. area and having a full-fledged manufacturing facility



HOSKOTE, BENGALURU

Established in 2017, this unit is spread over 1,30,000 sq. ft. area with a state-of-the-art manufacturing facility

WHY CHOOSE CITIZEN



PRODUCT RANGE

STANDARD AIR HANDLING UNITS (AHUs)

Air Handling Units that control the overall quality, quantity and circulation of air come in standard and customized designs as per usage requirements. A Standard Air Handling Unit casing consists of double skin sandwiched insulated panels (PUF) which are mounted on specially designed aluminium profile structures.

This casing is then mounted on a galvanized iron base frame with the cooling/heating coils, fan, motor etc. for condensate disposal. This low maintenance and highly reliable design results in fewer breakdowns of the unit.



CUSTOMIZED AIR HANDLING UNITS

Customized Air Handling Units are those which come with various combinations of airflow, static pressure, and filtration levels, as per clients requirements. These units are specially designed to offer customized solutions for needs ranging from 850 to 100,000 CMH.

Additional features such as Heat Recovery Wheels, Heat Pipes, Plate Type Heat Exchanges, Fire Control Dampers, Sound Attenuators, UV lights, etc. can be included as per the project and industry-specific requirements.

SMART AIR HANDLING UNITS

The Smart Air Handling Unit or the Next-Gen Air Handling Unit is equipped with an integrated control system to overcome the need of Building Management Systems (BMS). These Air Handling Units can be controlled remotely and linked to automation systems quickly through BACnet or Modbus protocols.

With this advanced feature, you can monitor and control AHU parameters including temperature, humidity, air flow, filter clogging etc. thus saving thermal and electrical energy as well as operation and maintenance costs.

This energy-efficient AHU provides superior air quality and a comfortable indoor environment and is accessible remotely via smartphones and PCs to offer an optimal running cost.



PRODUCT RANGE

CEILING SUSPENDED UNITS (CSUs)

To save floor space, we offer compact & low noise single or double skin ceiling suspended air handling units equipped with efficient motors & cooling coils. The units are suitable for offices, banks, residential buildings, retail stores & shopping malls, multiplexes, hospitals, sports complexes, restaurants, factories etc. The units are standard in design, available quickly and ready to install.



FAN COIL UNITS (FCUs)

Fan Coil Units (FCUs) are produced in rugged construction with trouble-free silent operation.

A wide variety of FCUs is available with us from 1TR to 6 TR& varying effective static pressures.

A separate range available for district cooling applications.

AIR WASHERS

An air washer is a device for conditioning air. In an air washer air comes in direct contact with a spray of water and there is an exchange of heat and mass (water vapour) between air and water. The outlet condition of air depends upon the temperature of water sprayed in the air washer.



AIR SCRUBBERS

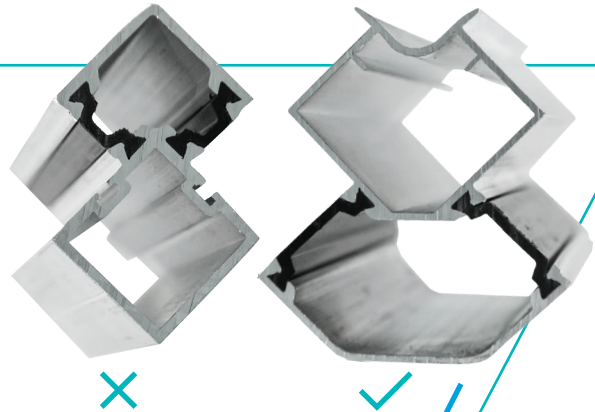
An air scrubber purifies air by removing particulate matter and other airborne pollutants using moisture or by filtering the air as it enters the scrubber. The two types of air scrubbers are wet and dry based upon the method they use to remove particles. The primary function of an air scrubber is to improve indoor air quality.

UNIQUE BENEFITS

INTERNAL COVING

Citizen AHUs are provided with internal coving inside as a standard for any application. This design is AHRI certified also.

Internal coving prevents dust, powder etc. from getting trapped inside the AHU & gets carried away with the air. The filters then trap these particles, leading to superior indoor air quality.



SMART AHUs (ADVANCED CONTROLLER)

Key Features

- PLC with 7 inch HMI Display
- Over 100 inputs/outputs (I/O) possible
- Plug and Play Installation
- Energy Efficient Components and Integrated Controls
- On-site Instant Control Logic Customisation
- Auto/Manual/Schedule/Maintenance Modes
- Wired Remote Access (Start/Stop+Demand Control)
- Master-Slave Configurable
- Predictive Maintenance
- Alarm/History Trend
- Multi Level User Access
- BMS Ready (Modbus/BACnet)
- IOT Enabled



7" HMI Display



PLC

STANDARD CONTROLLER

Standard controller also available with lesser inputs/outputs and 4" HMI display

CERTIFICATIONS



All our AHU's are AHRI certified assuring you of superior quality

Our EURO range of AHU's are Eurovent certified. Please contact us for more details

SOME APPLICATIONS



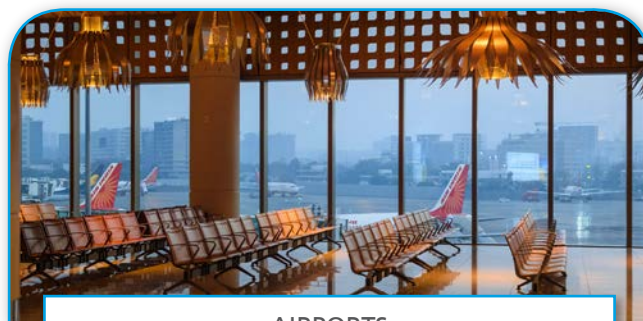
PHARMACEUTICALS



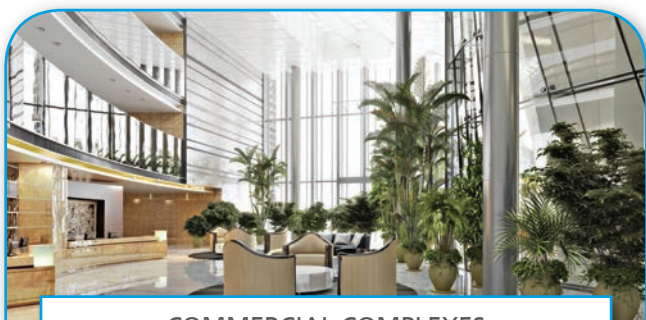
HEALTHCARE,
CLEAN ROOMS & LABORATORIES



RAILWAYS & METRO RAIL



AIRPORTS



COMMERCIAL COMPLEXES



SHOPPING MALLS & RETAIL SPACE



BANKS, OFFICE SPACES, IT/ITES



HOSPITALITY



INDUSTRIAL



EDUCATIONAL INSTITUTE & OTHERS

LANDMARK PROJECTS



COMMON CENTRAL SECRETARIAT
(CENTRAL VISTA)



BENGALURU INTERNATIONAL
AIRPORT LTD. - T2

BRIEF LIST OF SATISFIED CUSTOMERS

PAN INDIA SALES & SERVICE NETWORK



citizen

a member of **DAIKIN** group

Corporate Office:

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