

# Systemair

By your side - from concept to completion.



By your side for 50 years.  
And counting.





Systemair headquarters in Skinnskatteberg, Sweden



## Systemair Worldwide

Systemair is a leading ventilation company with operations in 51 countries in Europe, North America, the Middle East, Asia, Australia and Africa. We develop, manufacture and market high quality ventilation products and solutions. The Company was founded in 1974 on the initiative of Chairman of the Board Gerald Engström. Systemair shares have been quoted on the Nasdaq OMX Nordic Exchange in Stockholm since October 2007, and are today traded on the Large Cap List. The Company has its registered office and headquarters in Skinnskatteberg, Sweden.

## What we do

Systemair offers a wide range of energy-efficient fans, air handling units, air distribution products, air conditioning products and air curtains for different types of premises. We also help our customers in combining these products into total solutions meeting their demands. Our products are robust and simple to choose, install and use.

The Group's products and solutions are marketed under the Systemair, Frico, Fantech and Menerga brands.

## Production and Technology

The Group comprises about 91 companies with more than 6,700 employees, who together work to ensure that Systemair is among the leading players in the global ventilation industry. We have 27+ modern and well-invested production facilities in 19 countries. Systemair's product development organisation consists of engineers and technicians with cutting-edge expertise across a range of technologies.

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**We create better air.**

**Every day. Worldwide**

# Brand Promise & Core Values

Systemair stands for more than clean air and healthy indoor environments.

## WE PUT OUR CUSTOMER **FIRST**

We meet our customers' expectations and offer products and solutions based on their needs.

From concept to completion, we are at our customers' side.



## WE **SIMPLIFY**

We make our customers' jobs easier by turning complex systems into smart, easy and sustainable solutions.



## WE **GUIDE**

We share our deep knowledge and experience to give our customers advice and guidance. This makes us a trustworthy partner.



1974

Founded in Skinnskatteberg,  
Sweden

1100 MEUR

Turnover-2024/25  
Annual net sales

91

Companies comprised by the  
Group

>135

Countries exported to

2007

NASDAQ  
OMX Nordic Exchange

130 MEUR

Total Book value of our own  
production facilities

27+

Production facilities

>6700

Employees



# 50+

Countries with Sales Subsidiaries

Always  
close to you!

# A GLOBAL COMPANY

## Production Facilities

Skinnskatteberg, Sweden	●	●	●	●						●	
Hässleholm, Sweden				●							
Eidsvoll, Norway		●	●								
Aarhus, Denmark		●	●							●	
Ukmergė, Lithuania		●	●	●						●	
Waalwijk, Netherlands				●							
Langenfeld, Germany						●					
Windischbuch, Germany	●								●	●	
Bratislava, Slovakia								●	●		
Maribor, Slovenia	●		●	●					●		
Pardubice, Czech Republic (2VV)		●	●		●	●					
Pardubice, Czech Republic (Recutech)										●	
Fuenlabrada, Madrid, Spain				●							
Móstoles, Madrid, Spain								●	●		
Milan, Italy								●		●	
Dilovasi, Istanbul, Turkey				●							
<b>Greater Noida, India, (2 factories)</b>	●			●				●	●		
<b>Hyderabad, India</b>				●				●			
<b>Chennai, India</b>	●										
Kuala Lumpur, Malaysia (2 factories)	●			●					●	●	
Bouctouche, Canada		●	●								
Tillsonburg, Canada			●	●							
Lenexa, KS, USA	●		●								
Johannesburg, South Africa	●			●							
Melbourne, Australia	●										
Riyadh, Saudi Arabia	●										
	Fans	Residential ventilation	Air handling units standard BPR	Air handling units modular	Heating products	Air curtains	Air Distributions Products	Fire safety	Garage and tunnel ventilation	Heat Exchangers	Filters

# SYSTEMAIR MARKS 50 YEARS OF EXCELLENCE

1974

**1974**

**LHG Kanalfläkt AB**

LHG Kanalfläkt was founded and production commenced in Skinnskatteberg. At first, only fans were assembled.

**1976**

The first sales company, LHG Kanavapuhallin was started in Finland.

**1978**

The first price list was created and published with data that has been measured using the bag test.

**1984**

**Residential units**

Production of Metsovent, the first residential unit with heat recovery started in Skinnskatteberg. The unit was named after Ilmar Mets, a design engineer.

**1985**

The German fan motor manufacturers Ziehl-Abegg and ebm-papst who were suppliers from the beginning became partners through their Swedish subsidiary Ziehl-ebm.

**1988**

Kanalfläkt delivered 50 fans for the Eiffel Tower's 100-year anniversary.

**1992**

**Frico AB**

Frico AB OTC-listed Frico AB, specialized in air curtains and fan heaters, was acquired.

1990

**1993**

LHG Kanalfläkt became ISO 9001 certified.

**1996**

A facility in Bouctouche, Canada was acquired for production for the North-American market.

**1998**

**Diffusers**

Diffusers Europair in Södertälje, a manufacturer of diffusers, was acquired. LTI Lüftungstechnik, Windischbuch, Germany, became the second-largest production unit and central warehouse. Sales companies in the UK, Poland and Singapore were renamed to Systemair.

**2000**

Danvent in Denmark, a manufacturer of modular air handling units for larger buildings was acquired.

**2001**

Systemair became the name for the whole group. Sales companies in Hong Kong, Hungary and Ireland were formed.

**2003**

The sales company Meijdijk Ventilatietechnik in the Netherlands was acquired.

**2005**

Gerald Engström, founder of Systemair, was named Entrepreneur of the Year in Sweden.

**2006**

Matthews & Yates, leading manufacturer of axial fans in the UK was acquired.

**2007**

Awarded the Great Export Award by The Swedish Trade Council. Systemair was listed at the Nasdaq OMX Stockholm index.

2000

## MAKING IN INDIA, FOR THE WORLD - FOR 19 YEARS

2006

**2006**

Started operations in India with Direct presence through Swedish Trade Council.

**2007**

Key team members were recruited.

**2009**

Integration of Ravistar- A Leader in ADPs.  
Establishment of sales offices.  
Establishment of an assembly facility at Alwar, Rajasthan.

**2011**

Systemair Expands with IAPL- AHU Expertise.  
The area of Production unit in Hyderabad was expanded.

2010

**2013**

Eurovent Certification of AHU.  
AMCA membership.  
UL Certification for fire dampers.

**2014**

Green Factory in Noida was established.

2015

**2016**

Becomes the first LEED Platinum rated Green Factory of Systemair.

**2017**

A bigger production unit was established in Hyderabad.

**2018**

Eurovent Hygienic Certification of air handling units.

**2019**

The Laboratory received AMCA Accreditation for AMCA 210 and 300 air and sound performance measurements standards.

2020

**2020**

ISO 14001:2015 Certification.

**2021**

Awarded Green Pro Eco Label for air handling units and fans.

**2023**

A new production unit was established in Greater Noida  
Involves manufacturing of air distribution products and tunnel fans.  
The factory in Hyderabad was significantly expanded.

2024



By your side for 50 years.  
And counting.

2025

**2025**

Inauguration of Unit 3 in Hyderabad.  
Systemair Joins Forces with Nadi Airtechnics- Industrial Fan Expertise.

# SYSTEMAIR IN INDIA



LEED Platinum Certified Factory



Systemair has a well-established footprint in India with three state-of-the-art production units strategically located in Greater Noida and Hyderabad. With a total production area spanning around 34,000 square meters, these facilities epitomize innovation and sustainability in the ventilation industry in the region. The Systemair India head office in Greater Noida is LEED Platinum certified. The production facilities in Greater Noida and Hyderabad are modern and well-invested, with 722+ well-trained staff members having a strong focus on quality.

At the heart of Systemair's operations in India lies a commitment to sustainability. Through cutting-edge technology and forward-thinking practices, Systemair India produces air distribution products, air handling units, fans, and fire safety products that not only meet the highest standards of performance but also contribute to reducing CO2 emissions in the environment.

The factory is also equipped with a Research and Development and testing facility, which contributes to the high level of perfection in product performance.

**Systemair India is a 9001:2015 and 14001:2015 Certified company.**

## EFFICIENT USE OF ENERGY



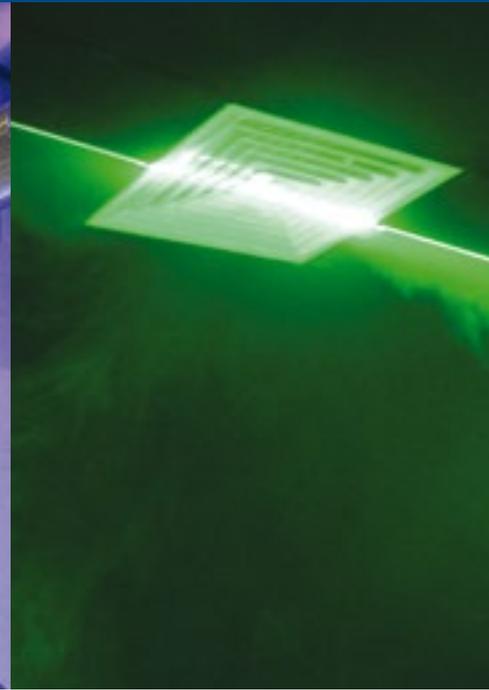
At Systemair, we are aware of our responsibility towards the environment. Our main contribution to modern environmental protection is efficient use of energy. The Green Ventilation symbol identifies intelligent technology in harmony with the environment.



Manufacturing Facility, India.



Air Flow Chamber, India.



ATD Lab, India.

## PRODUCT RANGE



Air Handling Units



Air Distribution & Fire Safety Products



Fans

## CERTIFICATIONS





## R&D Centre

# India's first AMCA accredited laboratory

The Greater Noida Technical Centre houses India's first Air Movement and Control Association (AMCA) International accredited laboratory\*.

The facility features advanced systems for accurate measurement of airflow, sound levels, pressure, energy consumption, throw length, and air discharge patterns.

Tests are conducted in compliance with AMCA 210, AMCA 300 & ISO 5801 standards for fans, and EN 12238 standard for air terminal devices ensuring reliable, globally benchmarked performance data.



### Precision Testing:

- Systemair operates test facilities that are accredited by the AMCA International in Sweden, U.S.A, India & Germany.
- 19 Technology centres in 15 countries.
- The Systemair India laboratories are equipped with Airflow Chamber, Acoustic Chamber, Air Terminal Device (ATD) Laboratory & Airflow Tube (Tube Test Rig).

\* Product performance data based on tests in an AMCA International Accredited Laboratory are not to be construed as being licensed to bear the AMCA International Seal.

# Systemair products in the community

Systemair helps create a healthy, comfortable, and safe indoor climate in most areas where people spend time daily. We do this in the knowledge that good air quality contributes to a better quality of life. We also do this in an energy-efficient way to contribute to a more sustainable society. Systemair offers a wide range of solutions suitable across all application areas and applications.

## Our group-wide application areas

Education

Hospitality &  
Entertainment

Residential

Commercial



Infrastructure & Transport

Industrial

Healthcare

Data centre





# FANS

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## The key to keeping air fresh

Systemair has a wide range of fans for use in various applications from residential buildings to small office premises to hospitals and large industrial applications. All products in our range have been extensively tested, both in the laboratory and in the field, in order to comply with current and future demands for low energy consumption. All products are also manufactured to comply with international environmental requirements.

Energy efficient and environmentally friendly: Systemair EC fans, make it possible to maintain the function, comfort and convenience that are part of a modern lifestyle. Systemair offers you the opportunity to play an active part in LOHAS (Lifestyle of Health & Sustainability). we have developed a simple, effective answer that creates a win-win situation; in other words you, your customer and the environment all are benefited.

## Fans for all needs

Circular Duct Fans

Rectangular Duct Fans

Roof Fans

Axial Fans

Thermo Fans

Smoke Extract Fans

Explosion Proof Fans

Domestic Fans

Aggressive Media Fans

Car Park Jet Fans

Metro & Rail Tunnel Fans

### Comprehensive testing ensures high-quality performance

- Certified & tested in accordance to AMCA 210 & AMCA 300 standards.
- Axial, Jet & Kitchen exhaust fans are BSI approved CE marked tested as per EN12101-3: 2015 .
- Explosion proof range is certified according to ATEX guideline 94/9/EC as well as EN60079-0, EN1127-1 & 13463-1
- Extensively tested at our labs & out in the field, ensuring credible performance.

# Circular Duct Fans

## A proud tradition of quality and innovation

The Systemair circular duct fan was the first of its kind, revolutionizing the world of ventilation when it was first unveiled in 1974.

As a result of continuous improvements, our circular and rectangular duct fans set today's standards in terms of performance, functionality and reliability.

Our circular and rectangular duct fans are used in offices, industrial and residential buildings where there is a need for compact and reliable air supply and extraction systems.

### PrioAir EC



upto  
0.58 m<sup>3</sup>/s



Plastic duct fan with EC motor

### KVO/ KVO EC



upto  
0.9 m<sup>3</sup>/s



Duct fan, insulated

### KVKE/ KVKE EC



upto  
0.6 m<sup>3</sup>/s



Fan insulated with EC motor

### K/K EC



upto  
0.48 m<sup>3</sup>/s



Duct fan, metal with EC motor

### KV



Duct fan, metal

upto  
0.48 m<sup>3</sup>/s

### RVK



upto  
0.51 m<sup>3</sup>/s



Duct fan, plastic

Many commercial and industrial premises require ventilation with an extra powerful airflow. Give them a boost with Systemair Inline Mixed Flow Fans with airflows of up to 5,700 m<sup>3</sup>/h.

## Prio S

upto  
520 m<sup>3</sup>/h (AC)



### ABIL Boulevard, Pune, India

ABIL Boulevard in Pune exemplifies sophisticated urban living with its meticulously designed infrastructure. Located in the prime area of Koregaon Park, it offers luxurious residential spaces that blend modern architecture with functional elegance. The project includes spacious apartments equipped with high-end amenities and panoramic views of Pune's skyline. ABIL Boulevard's infrastructure prioritizes comfort and convenience, featuring landscaped gardens, recreational facilities, and secure parking.

Together, axial fans and jet fans contribute significantly to maintaining a healthy and functional living environment at ABIL Boulevard Pune, aligning with modern standards of residential infrastructure.

**Product range supplied:** Axial and Jet Fans

## Prio ECO



upto  
2,050 m<sup>3</sup>/h (AC)  
1,970 m<sup>3</sup>/h (EC)

## Prio ECO MAX



upto  
3,390 m<sup>3</sup>/h (AC)  
5,700 m<sup>3</sup>/h (EC)

## Prio Silent ECO



upto  
540 m<sup>3</sup>/h (AC)  
600 m<sup>3</sup>/h (EC)

# Rectangular and Square Duct Fans

## Wide range of rectangular and square duct fans

Systemair rectangular and square duct fans are used in industrial, commercial and residential applications – wherever compact solutions for reliable ventilation or air extraction are required. Systemair duct fans have always been characterised by a comprehensive performance spectrum.

Along with a wide range of accessories, including heating and cooling elements, filters, noise dampers and much more, we can offer you a solution for almost every ventilation application.

Thanks to consistent research and development of new products in the last forty years, today Systemair sets standards with regard to performance, function and reliability.

### RSI /RSI EC



upto  
3.35 m<sup>3</sup>/s

Insulated duct fan. Also available with EC motor

### KE / KT



upto  
2.47 m<sup>3</sup>/s

Rectangular duct fan

### KVB/D & KVD/D



upto  
6.94 m<sup>3</sup>/s

Twin fan

### KVB/KVD



upto  
2.91 m<sup>3</sup>/s

Square duct fan, belt driven

### MUB



upto  
5.65m<sup>3</sup>/s



Duct fan, multibox

### CDRE/D/I



upto  
4.01m<sup>3</sup>/s

Duct fan, direct driven



## P & G, Sanand, Gujarat

P&G's advanced manufacturing facility in Sanand, Gujarat spans 12.4 acres and operates as a fully automated export hub for personal healthcare products, especially digestives. The plant features robotic material handling, vision-based quality systems, utilities, labs, and warehousing. Maintaining precise control over air quality, temperature, and humidity is critical to ensure product hygiene and integrity. To meet these needs, the facility integrates high-efficiency HVAC systems, air handling units, & air distribution solutions. Engineered for 24/7 performance, the setup supports continuous production, ensures energy efficiency, and maintains a contamination-free environment, while also safeguarding worker health and regulatory compliance.

### **Product range supplied:**

Air Handling Units, Air Distribution Products, Fans

# Roof Fans

## Our classics

Robust and durable, Systemair roof fans are available in horizontal or vertical discharge models that provide highly reliable exhaust solutions. Low-noise, explosion-proof and smoke-extraction variants are also available, as well as thermo fans with the motor outside the airstream. Our roof fans with EC motor ensures low operational costs, as its motor saves energy and reduces carbon dioxide emissions.



### NTT Data Centre, Mumbai, Maharashtra

NTT's data center in Mumbai features a robust infrastructure designed to meet the highest standards of reliability and security in data management. The facility is equipped with advanced cooling and ventilation systems to maintain optimal operating conditions for servers and equipment. Efficient ventilation ensures consistent airflow and temperature control, crucial for preventing overheating and maintaining the integrity of sensitive data housed within.

**Product range supplied:**

Axial Fans

### TFSK/TF SR EC



upto  
0.216 m<sup>3</sup>/s



Available with EC motor

### DVV/DVVI



upto  
15.20 m<sup>3</sup>/s

Vertical outlet, available with insulation

### DHA



Supply air roof fan



upto  
5.33 m<sup>3</sup>/s

### AXC-R



Roof axial fan with rain protection

upto  
6 m<sup>3</sup>/s

### DVN/DVNI EC



upto  
5.01 m<sup>3</sup>/s



Vertical outlet, with EC motor

### DHS/DVS/DVSI



upto  
4.58 m<sup>3</sup>/s



Roof fan, available with insulation



## IIT, Delhi

Indian Institute of Technology (IIT) Delhi, one of India's premier technical institutions, boasts a sprawling campus with a diverse range of buildings dedicated to education, research, and residential purposes. The campus encompasses academic buildings, laboratories, administrative offices, student hostels, faculty residences, and recreational facilities spread across a vast area. The need for proper ventilation systems in such a complex infrastructure is crucial for supporting comfort, health, sustainability, and safety across its diverse campus facilities.

### Product range supplied:

Air Handling Units, Fans

# Axial Fans

## The best in the business

No matter how varied your requirements are, the axial fan range at Systemair is certain to meet them. Our axial fans are well suited to a wide range of applications, encompassing everything from large shopping malls to underground car parks to tunnel and metro projects around the world. Safety applications such as smoke extraction and explosion-proof fans are also part of our core competencies. The AW sileo and AR sileo ranges are suitable for low pressure environments, while the AXC range is intended for medium to high pressure, making it ideal for industrial applications. Our large range of accessories make it easy to tailor individualized solutions.

### AXCP



AXCPV



AXC (A)



AAW



### **Puravankara Parkhill, Bangalore, Karnataka**

Puravankara's Park Hill on Kanakapura Road, South Bengaluru, is a luxury residential enclave spanning approximately 17.3 acres with four G+20 towers comprising 1,589 tri-deck apartments. Offering spacious homes with three-sided open designs, large terraces, and abundant natural cross-ventilation, the project dedicates around 80% of the site to green and open space. Its amenities include multiple clubhouses, swimming pools, sports courts, jogging tracks, yoga zones, and WFH areas. With excellent connectivity to NICE Road and metro stations, Park Hill blends upscale comfort, strong ventilation, sustainable design, and a premium community lifestyle.

#### **Product range supplied:**

Axial Fans, Jet fans



## Pension Towers, Uganda, East Africa

Pension Towers, Uganda stands as a benchmark in sustainable high-rise development. Designed with efficiency and innovation in mind, the building features a robust ventilation system that ensures clean, balanced airflow across all levels. With a focus on occupant comfort and indoor air quality, the system contributes to the tower's eco-conscious operations and modern working environment.

### **Product range supplied:**

Air Handling Units, Fans

# Thermo Fans

## For kitchens and heavy-duty

Systemair thermo fans are the first choice for high air flow temperatures and harsh operating conditions. They are the smart choice when expectations are higher than average, in applications such as extraction from kitchens, process air systems and industrial ovens. Depending on the model, they are suitable for continuous air flow temperatures of up to 200°C.

### KVB/F



upto  
6.94 m<sup>3</sup>/s

Smoke extract box fans

### KBT/KBR



upto  
1.97 m<sup>3</sup>/s

Fan with forward backward curve impeller

### MUB/T



upto  
4.5 m<sup>3</sup>/s

Thermo multibox



### Marriott Hotel, Bangalore, Karnataka

Marriott Hotel Bangalore offers a luxurious and contemporary stay in the heart of the city, combining world-class amenities with exceptional service. With spacious rooms, a variety of dining options, and state-of-the-art meeting facilities, it caters to both business and leisure travelers. Whether for business events or a relaxing getaway, Marriott Bangalore ensures a memorable experience.

**Product range supplied:**  
Fans, Air Curtains

### Ax-zent



upto  
9.500 m<sup>3</sup>/s



Thermo fan



## Experience Smoke Free Cooking

Systemair's wide range of kitchen inline extract solutions are suitable for handling large volumes of greasy kitchen fumes so that cooking is a smoke free experience for you.

Our kitchen fans are energy efficient, robust, easy to install and reliable even at 400°C.

KVB-F

NEW!



# Smoke Extraction Fans & Pressure Differential Systems

## Customized solutions for your safety

Modern fire safety ventilation is based on a system approach that integrates smoke extraction fans with pressure differential. At Systemair, we have become increasingly involved in the engineering process for larger projects to design customized solutions that offer high levels of both safety and energy efficiency.

Our pressure differential systems pump in fresh air and over-pressurize so that no smoke can enter. When used in combination with smoke extraction fans, the system effectively pushes smoke toward them so that they can quickly and efficiently remove it from the building.

Our unmatched range of smoke extraction fans have all been tested according to the European product and testing standard EN 12101-3 : 2015.



### Bandhan Bank HQ, Kolkata, West Bengal

Bandhan Bank's headquarters boasts modern infrastructure, featuring state-of-the-art facilities including secure banking halls, advanced IT infrastructure, and ergonomic workspaces designed to foster collaboration and innovation. The need for HVAC products in such a facility is paramount due to Kolkata's tropical climate, characterized by hot and humid summers and cool winters. Proper ventilation systems ensure optimal indoor air quality, maintaining a comfortable environment for employees and visitors alike throughout the year. Ventilation products not only regulate temperature and humidity levels but also enhance productivity by creating a conducive workspace.

**Product range supplied:**

Fans, Air Distribution Products, Air Handling Units

### AXC (B)

upto  
58.33 m<sup>3</sup>/s



Smoke extract axial fans

### MUB/F

upto  
3.82 m<sup>3</sup>/s



Smoke extract fan

### DVV/F

upto  
15.2 m<sup>3</sup>/s



Smoke extract roof fan

### DVG/F



upto  
7.03 m<sup>3</sup>/s



Smoke extract roof fan



## Pepsico, Ujjain, Madhya Pradesh

The PepsiCo flavour manufacturing facility in Ujjain, Madhya Pradesh is a greenfield plant spread across 22 acres, designed to significantly boost regional beverage production. It features modern infrastructure including automated processing lines, quality-control labs, utilities, and warehousing, with full reliance on renewable energy and zero liquid discharge for approximately 90% water efficiency.

To maintain strict hygiene, product integrity, and operational consistency, the facility requires high-performance air handling units and precision-engineered air distribution systems. These are essential for controlling temperature, humidity, and airflow across production and packaging areas.

### **Product range supplied:**

Air Handling Units, Air Distribution Products, Fans

# Explosion Proof Fans

## The safest choice in ventilation



The design and manufacturing of explosion-proof fans is one of Systemair's specialities. Our EX portfolio is the most extensive on the market, fulfilling the highest expectations when it comes to ventilating any area where there is a risk of explosion, such as labs that handle chemicals and industrial facilities that generate combustible dust. Our EX fans are also ideal for ensuring high-safety ventilation solutions in the shipping industry.

Each of our EX fan models has been designed from scratch to ensure spark-free operation both electrically and mechanically, and we have a long tradition of relying on third-party testing to confirm full compliance with all relevant regulations, including ATEX Directive 2014/35/EC. The complete EX range meets the requirements for ignition protection type EX e "increased safety" or EX d "flame proof enclosure."

### DVV EX

upto  
12.4 m<sup>3</sup>/s



ATEX certified roof fans

### KTEX

upto  
1.4 m<sup>3</sup>/s



Inline ducted EX fan

### AXC-EX

upto  
12.36 m<sup>3</sup>/s



ATEX certified axial fan

### RVK-EX

upto  
0.33 m<sup>3</sup>/s



ATEX certified Circular Duct Fans

### EX

upto  
0.33 m<sup>3</sup>/s



ATEX certified centrifugal fan

### AW-EX

upto  
3.19 m<sup>3</sup>/s



Axial wall fans

### DVEX

upto  
2.29 m<sup>3</sup>/s



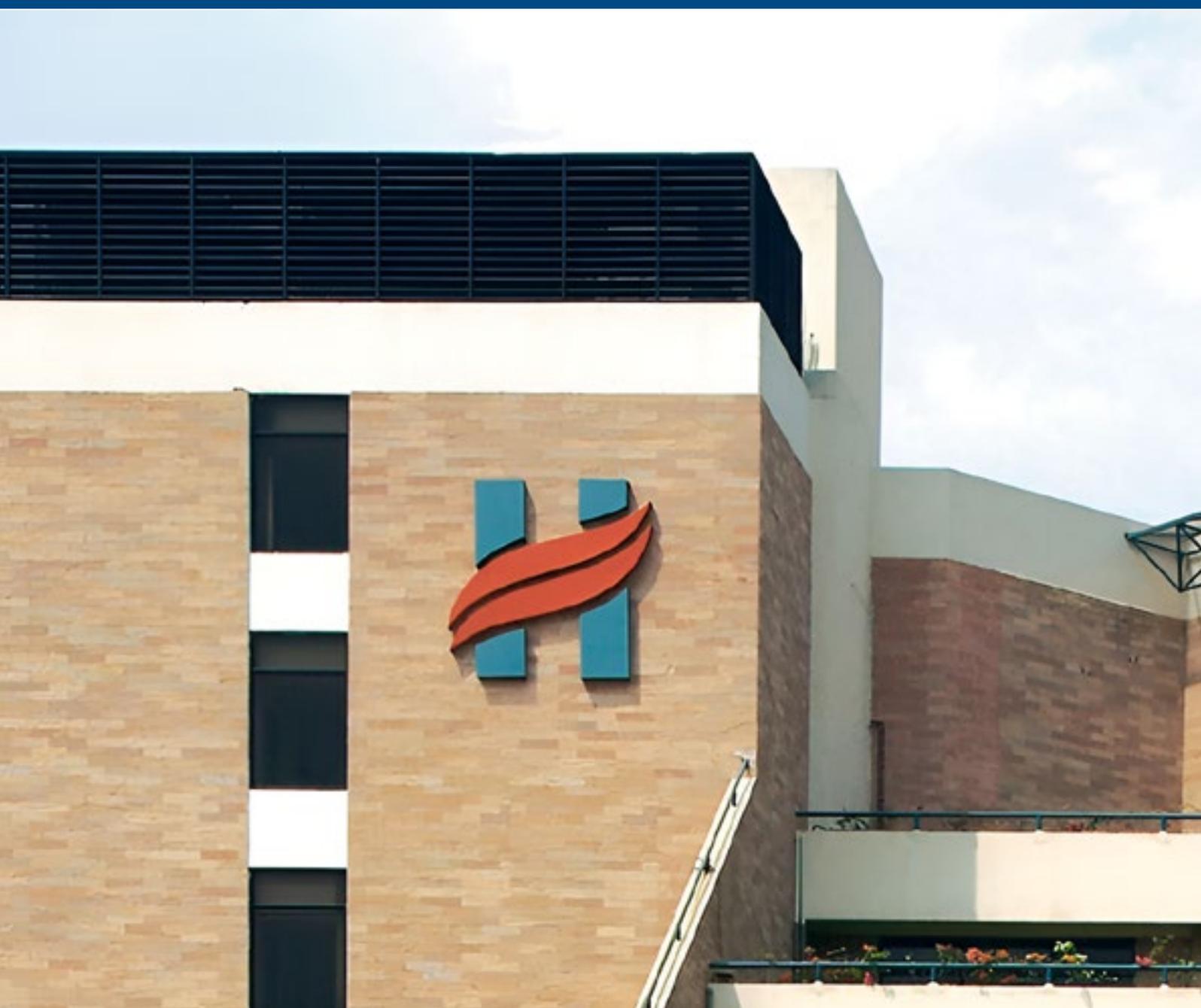
ATEX certified roof fans

### AXCBF-EX

upto  
5.88 m<sup>3</sup>/s



ATEX certified axial fans



## Himalaya Herbal Healthcare, Bengaluru, Karnataka

The Himalaya Drug Company's facility in Makali, Bengaluru, serves as both its corporate headquarters and primary manufacturing hub. Spread across a large, sustainable industrial campus, it features GMP-compliant production lines, R&D labs, and zero-waste infrastructure. The facility produces a wide range of herbal medicines, personal care, and wellness products, backed by advanced quality control, effluent treatment, and clean energy systems. To ensure the purity and efficacy of its herbal formulations, the plant uses advanced air handling units and well-engineered air distribution systems. These maintain cleanroom-like conditions with precise control of temperature, humidity, and particulates. The HVAC design supports GMP compliance, energy efficiency, and continuous operations—reinforcing Himalaya's commitment to innovation, product quality, environmental responsibility, and employee well-being.

### **Product range supplied:**

Air Handling Units, Air Distribution Products, Fans

## Domestic Fans

### Top-quality air and great indoor climate

Systemair's line of domestic fans are ideal for ventilation of kitchens, bathrooms, toilets, restaurants and storage rooms. They offer high level of comfort ventilation for both supply and exhaust air along with significant energy saving. Further our sleek and discreet range of domestic fans blend perfectly wherever they are installed.

These fans are manufactured from sturdy ABS plastic and can be wall or window mounted and in some cases duct mounted too. Available in standard exhaust fan versions or some models support timer and humidity sensor. Back draught damper included.

#### BEF - B



upto  
280 m<sup>3</sup>/h

#### BEF - D



upto  
155 m<sup>3</sup>/h

#### BEF - F



upto  
110 m<sup>3</sup>/h

#### BEF - P



upto  
252 m<sup>3</sup>/h

#### BEF - I



upto  
298 m<sup>3</sup>/h

#### BEF - IQ



upto  
335 m<sup>3</sup>/h

#### BEF - Q



upto  
110 m<sup>3</sup>/h

## Plastic Fans

### The smart choice for dirty or corrosive environments

Where dirt, corrosive gases or other problematic elements occur, fans are exposed to particular challenges. Our plastic fans were specially developed for such applications in the food, electronics and chemical industries. With the help of solid and carefully selected components, plastic fans function reliably in unfavourable conditions and have an impressively long service life.

#### DVP



upto  
2.11 m<sup>3</sup>/s

Plastic roof fans

#### PRF



upto  
1.83 m<sup>3</sup>/s

Plastic fans



#### DLF Crest, Gurugram, Haryana

DLF Crest in Gurgaon is renowned for its exemplary infrastructure and premium appeal. Designed to cater to the discerning few, it offers luxurious amenities and state-of-the-art facilities. The architecture exudes elegance, complemented by spacious interiors and high-quality finishes, ensuring a sophisticated living experience. With its strategic location and meticulous attention to detail, DLF Crest stands as a benchmark of luxury residential living in Gurgaon.

**Product range supplied:**  
Domestic and Axial fans

# Car Park Jet Fans & Control Systems

## Custom designed, integrated solutions

Our car park jet fans ensure good air quality and maximize fire safety by efficiently removing car exhaust, dust and smoke from underground parking garages.

On top of delivering high-quality fans, we also supply main exhaust/supply fans and control systems, and use our engineering expertise to help customers create a tailored solution and integrate it into their project. During the planning phase, we offer Computational Fluid Dynamics (CFD) simulations to prove that the proposed system design will operate efficiently.

Systemair jet fans are tested in accordance with EN 12101-3:2015 and correspond to the temperature class F300-300°C/120 min, and F400-400°C/120 min.



The Systemair control system encompasses the fan control for ventilation and smoke extraction in underground car parks.

### IV smart



upto  
12 N

### IV



upto  
100 N

### AJ8



upto  
66 N

### AJR/ AJR-TR



upto  
66 N



Photo credits- Paresh Mishra

## Dwarka Expressway, New Delhi

Dwarka Expressway, also known as Northern Peripheral Road (NPR), is a significant infrastructure project in the Delhi-NCR region, connecting Dwarka in Delhi to Gurugram in Haryana. It aims to reduce travel time between these areas and ease traffic congestion. This is a pivotal infrastructure project set to transform connectivity and ease traffic congestion in the National Capital Region (NCR). Tunnel ventilation fans are indispensable for maintaining optimal air quality and safety within enclosed spaces such as tunnels. The Dwarka Expressway, designed to accommodate heavy traffic flows, necessitated robust ventilation solutions to mitigate pollutants and ensure a secure environment for drivers and passengers. These advanced fans are strategically positioned to effectively expel smoke during emergencies and regulate airflow to prevent heat accumulation during peak traffic hours.

### Product range supplied:

Tunnel Fans

# Metro & Rail Tunnel (MRT) and Road Tunnel Ventilation

## Complete, high performance systems

Systemair has several decades of experience designing and manufacturing ventilation solutions for all types of road, rail and metro tunnels around the world. Our deep expertise and sophisticated calculation tools enable us to create customized solutions that provide a high level of safety and comfort while simultaneously minimizing energy consumption through the use of our specially designed motors, impellers and fan casings. Air volumes up to 150 m<sup>3</sup>/s and 5000 Pa are available.

Our tunnel fans prove their worth right from the start of the construction phase of the tunnel project by supplying the site with fresh air. When the tunnel is opened to traffic, the fans transport exhaust gases,

dust and heat to the outside, ensuring a clear view and good travel and working conditions for both people and vehicles.

In the event of fire, our tunnel smoke extraction fans save lives by effectively keeping escape and rescue routes free of smoke and heat. They are tested in accordance with EN 12101-3 for temperatures up to 400°C for 120 minutes.

Our research and development centre in Germany plays a key role in continuously advancing our world-leading expertise in this area.





## Delhi Metro Rail Corporation, New Delhi

The Delhi Metro, renowned for its efficiency and extensive network, serves as a lifeline for millions of commuters daily in India's bustling capital. Proper ventilation within the metro system is crucial for several reasons. Firstly, it ensures the comfort and well-being of passengers by maintaining air quality and preventing the buildup of pollutants and heat. Effective ventilation also plays a pivotal role in regulating temperature and humidity levels. Moreover, it enhances safety by facilitating smoke dispersal in case of emergencies. Systemair has been delivering tailored solutions for all phases of DMRC.

We are also suppliers to metro rail projects in other regions of the country like- Kolkata metro, Pune metro, Mumbai metro, Chennai metro, Bengaluru metro, Lucknow metro, RRTS (Meerut line), Agra metro, Jaipur metro.

### Product range supplied:

Tunnel fans, Air Distribution Products, Fire Safety Products, Air Handling Units and Ventilations Fans



# AIR HANDLING UNITS

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## Air treatment at its best

Systemair's extensive range of air handling units (AHUs) regulate and circulate air in heating, ventilating and air-conditioning systems.

Ventilation accounts for a considerable share of energy consumption, in the form of heating and energy losses as heated air is replaced by cold air. Energy efficient products with energy recovery capabilities are becoming increasingly important in reducing energy consumption and at the same time creating a healthy indoor climate.

Our range of AHU includes modular air handling units and compact air handling units, as well as a range of products specially designed for use in residential ventilation applications.

We also offer a complementary range of air distribution products, fire dampers, air cooled and water cooled chillers, close control air conditioning, air conditioning water terminals, rooftop air conditioners, water source heat pumps, air curtains, fan heaters and radiant heaters.

## Tested Performance- Eurovent certified AHU's

Eurovent certified standard & hygienic range of AHU's.

Mechanical characteristics tested as per EN 1886:2007.

Performance characteristics tested to EN 13053/2006 standards + AI 2001 Eurovent & Eurovent Hygiene certified range of AHU.

# Next Generation Air Handling Units

## BA series ultimate in flexibility

### BA+ / BA

Systemair has a wide range of air handling units for use in various applications from small office premises to larger industrial applications. Common to all items in the range is that, systems and components have been developed to satisfy stringent demands for low energy consumption. Heat exchangers, motors and fan units have all undergone extensive testing, both in the laboratory and out in the field, in order to comply with current and future demands for low energy consumption.

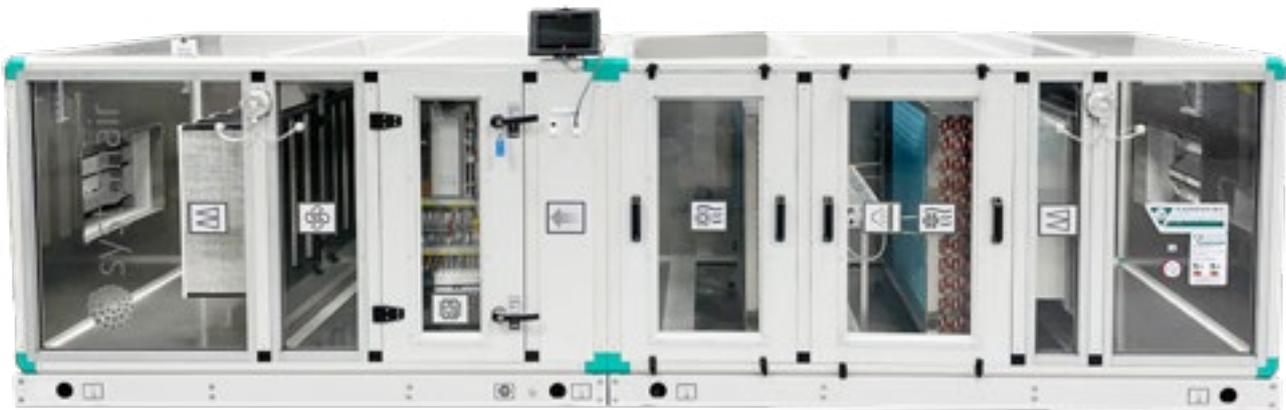
All products are also manufactured to comply with environmental requirements. To ensure easy installation, many of these units feature control systems enabled for plug-and-play, i.e. simple start-up.



### Dabur India Limited, Indore, Madhya Pradesh

The Dabur India manufacturing facility near Indore, spread over approximately 51 acres within the SMART Industrial Park, is a modern greenfield unit designed for large-scale production of food, Ayurvedic medicines, personal care, and juice products. Boasting advanced infrastructure including automated processing lines, high-speed PET bottle lines, warehousing, and quality labs. It requires sophisticated HVAC and ventilation systems to maintain hygiene, temperature, humidity, and air purity. These systems are critical for ensuring GMP compliance, contamination control, operational stability, worker safety, and energy efficiency.

**Product range supplied:**  
Air Handling units





## Sant Nirankari Health City, Delhi

Sant Nirankari Health City in Delhi is a modern, multi-specialty healthcare campus spread across 11 acres, designed to deliver world-class medical care in a calm, patient-focused setting. The facility houses 1,000 beds, advanced diagnostic labs, modular operation theatres, critical care units, and specialty departments across disciplines. Built with a focus on holistic healing and clinical excellence, the campus maintains high standards of hygiene, safety, and patient comfort. Energy-efficient HVAC systems, air handling units, and optimized air distribution ensure superior air quality and infection control. The infrastructure reflects a commitment to sustainable healthcare delivery, operational efficiency, and compassionate service to a broad and diverse patient base.

### Product range supplied:

Air Handling Units, Air Distribution Products

# Inside The Air Handling Unit

## Module configuration for optimised applications



### Fan/motor.

Systemair offers.

- Belt driven DIDW
- Centrifugal plug fan
- EC Fan
- Motors with IE2/IE3
- PM motor with IE4 efficiency



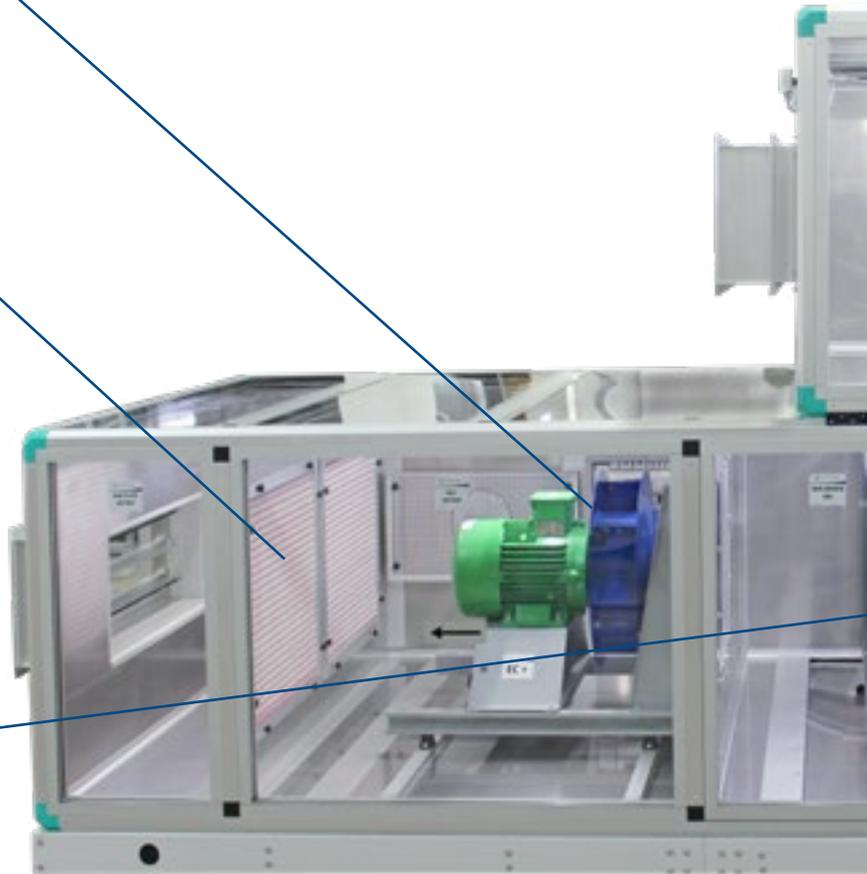
### Supply & extract filters.

Units are offered with high quality & low pressure drop filters of different particulate efficiency.



### Heat transfer coils.

Copper tube aluminium finned heat transfer coils available in multiple rows deep and are designed to give certified performance output for heating, cooling & recovery applications



### Control system.

Units can be provided with fully tested control systems for all necessary standard functions and the settings can be easily adjusted to desired operational values.

### Inspection doors/handles.

Adequate sized inspection doors are provided in each section fitted with high quality comfortable handles.





**Tightness/  
corners.**

Framework of airtight, elegant & sturdy extruded aluminium hollow profile with polyamide thermal break profile having glass filled nylon corners & spacers.



**Supply & extract  
dampers.**

low-leakage extruded aluminium dampers suitable for manual or motorised operations.



**Base frame.**

The base frame is made from strong galvanized steel with lifting provision.



**VFD.**

Units are supplied with single speed motors. To regulate the fan speed to its actual point, frequency converters can be provided.

**Heat exchanger.**

High quality and energy-efficient heat exchangers are available: rotary heat exchanger, plate type heat exchanger, heat pipes or run around coil heat exchanger.



### Designed by Systemair

Designed specifically for fast and easy installation of air handling units, for example the BA plus series.

### HTML5 interface

Intuitive and easy navigation of menus that can be used on a variety of devices including NaviPad, tablets, smartphones or computers. Access to information can be set to three different user levels, depending on competence.

### Connectors for external components

The installation and startup time can be reduced as all connectors for external components on the control unit are clearly marked and grouped together.

### Dedicated BMS system connection

Internal and external communication circuit for bus-based components. Built-in BACnet, Modbus communication makes the control unit well-prepared for integration into SCADA or BMS system.

### Connection to Systemair Connect

Gather all your air handling units in an easy-to-use cloud service for complete overview and accessibility.

### Plug'n'play with BA plus Series

NaviPad comes as standard with Systemair's Ba plus Series air handling units.



## Controllers

# Advanced technology made accessible

At Systemair it's all about making things easier for our customers and we believe that advanced technology should be accessible for everyone. We have combined a strong heart with a sharp mind.

### Systemair Controller

Systemair Controller is a complete control solution for air handling units, which allows you to optimize ventilation performance. It makes the advanced technology of Systemair's air handling units easily accessible, unlocking all their potential – while improving the indoor climate for people at home, at work or in public buildings.

Inspired by the advanced simplicity of today's smartphones, we have developed a logical and intuitive menu structure. It is now easier than ever to navigate and utilize the full functionality of Systemair's air handling units, whether you are a ventilation professional or not creating the perfect indoor climate.



## SYSTEMAIR CONTROLLER

A complete control solution for air handling units, making advanced technology easily accessible – helping you to create the perfect indoor climate.

### Your benefits at a glance:

- Developed by Systemair, ergonomic and robust design
- Intuitive, user-friendly navigation
- Editable names for alarms, control components and unit name
- System overview of several units via home button
- 7" TFT, 1024x600 pixels capacitive touch display
- Protection class, IP54

## Are you aware...

### What happens inside your air handling unit?

- Growth of microorganism colony on nonmetallic parts over the period of operation
- Metallic parts get corroded
- Dust & Foreign Materials get accumulated during construction & remains there
- Does not have sufficient space for cleaning its components
- High leakage rate
- Inefficient thermal bridging
- Low casing strength

Systemair designs a solution to all this. India's first air handling unit indigenously developed & built as per international standards and certified by EUROVENT for Hygienic application.



#### Aga Khan Hospital, Kenya, East Africa

Aga Khan Hospital, Nairobi, Kenya, is a leading healthcare institution in East Africa. Equipped with state-of-the-art facilities. It blends world-class medical expertise with modern infrastructure. Proper ventilation plays a crucial role in maintaining a safe and healthy environment, ensuring clean air circulation, reducing infection risks, and enhancing patient comfort.

**Product range supplied:**  
Air Handling Units

### Specialized Air Handling Units for



Operation  
theatre



Intensive  
care units



Critical  
care units



Clean  
rooms



Healthcare



Pharmaceuticals



## Max Super Speciality Hospital, Delhi

Max Super Specialty Hospital in Delhi is a leading healthcare facility with advanced infrastructure and a capacity of around 200-300 beds. It provides a wide range of medical services across multiple specialties. The hospital's commitment to top-tier technology and infection control makes it a trusted choice for patients. Air Handling Units (AHUs) are crucial for maintaining air quality, controlling ventilation, and preventing infections, ensuring a safe and comfortable environment for patients and staff.

### Product range supplied:

Air Handling Units

# Hygiene Certified AHU's

## BA+ -H / BA-H series hygienic performance

### BA-Hygiene

Systemair's hygiene air handling units are suitable for use in sterile areas, pharmaceutical industry, clean rooms, hospitals etc. All the metallic components are either designed of corrosion free material or have been provided with special coatings to make it corrosion free. The non metallic components have been developed from materials which are tested and evaluated for negative growth of micro organisms/ fungi after completion of incubation cycle. None of the components have been manufactured from hazardous materials and do not produce odor.

Resulting class according to EN 1886 :2007

- Casing Strength : D1
- Casing Air Leakage : L1
- Thermal Bridging Factor : TB2
- Thermal Transmittance : T2
- Filter Bypass Leakage : F9

Performance characteristics tested to EN 13053/2006 standards + AI 2011



### Tata Memorial Hospital, Mumbai, Maharashtra

Tata Memorial Hospital in Mumbai is amongst the oldest and largest cancer centres in the world, with over 80 years of exceptional patient care, high-quality training and innovative cancer research centre. It boasts a modern and expansive infrastructure designed to cater to the specialized needs of cancer treatment.

**Product range supplied:**  
Air Handling Units





## Serum Institute, Pune, Maharashtra

The Serum Institute of India's flagship vaccine manufacturing campus in Pune (Manjri) spans approximately 45.9 acres and is one of the largest such facilities in the world. Equipped with high-capacity bioreactors, downstream processing units, cleanrooms meeting US/EU GMP standards, and stainless-steel water tanks, it produces up to 500 million doses annually, exporting to nearly 150 countries.

In such highly sensitive production environments, HVAC systems are mission-critical. Advanced air handling units, HEPA filtration systems, and controlled air distribution ensure sterile conditions, temperature stability, and particulate control within cleanrooms and production zones.

### Product range supplied:

Air Handling Units



# AIR DISTRIBUTION PRODUCTS

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## The perfect fusion of function and form

Systemair develops, produces and delivers air distribution products, air volume controllers and fire safety products for different application areas. These components not only comply with the interior design requirements, but also make their own contribution to a pleasant indoor climate. This is guaranteed by certified labs. There we measure air volumes, throw, coanda effect, sound level and temperature simulations.

## Air Distribution for all needs

Circular Diffusers

Square Diffusers

Jet Diffusers

Displacement Diffusers

Transfer & Door Grilles

Linear Wall Grilles

Air Valves

Air Volume Controllers

Fire & Smoke Dampers

Sound Attenuators

Louver & Plenum Boxes

### Design that complements your space:

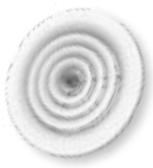
- Follows ETL testing lab U.S.A for performance testing of grilles, diffusers, slot diffusers & nozzles.
- UL 555 & UL 555 S class 1 certification for combination fire & smoke dampers.
- UL 555 certified motorised & fusible link fire dampers.
- Sound attenuators certified in SRL, U.K for static insertion loss as per BS 4718 -1971 .

# Diffusers

## Robust and discrete

Systemair's diffusers are constructed of high quality aluminium alloy or galvanised steel sheets. Suitable to be used as air terminal devices for the ventilation of buildings and spaces in terms of supply air and return air. They are suitable for installation in Ceiling and well-designed to blend in among other fittings in their surroundings, our air diffusers give a fresh, energizing indoor climate to any room.

### KONIKA



Size  
150-600mm

Fixed deflector cones

### Circular (MC)



Size  
150-400mm

Removal deflector cones

### DF- Flush type



Size  
150-600mm

Flush border with antismudge removal type multicore

### Antismudge diffuser



Size  
150-600mm

Antismudge border with antismudge multi removal core

### CSD



Size  
200-1200 mm

Circular swirl diffuser with front panel with horizontal connection of round duct

### CAP-F/G



Size  
595-595mm

Five way flow pattern

### PLD-C



Size  
595-595 mm

Removal type plaque diffuser with circular inlet

### ACD



Size  
250-600mm

Adjustable curved blade  
1 way/2way/3way/4way pattern

### LFD



Size  
600-1200mm

Laminar Flow Diffuser

### VVKR-Series



Size  
300-600mm

Adjustable blade swirl pattern

### VVKN-Series



Size  
300-600mm

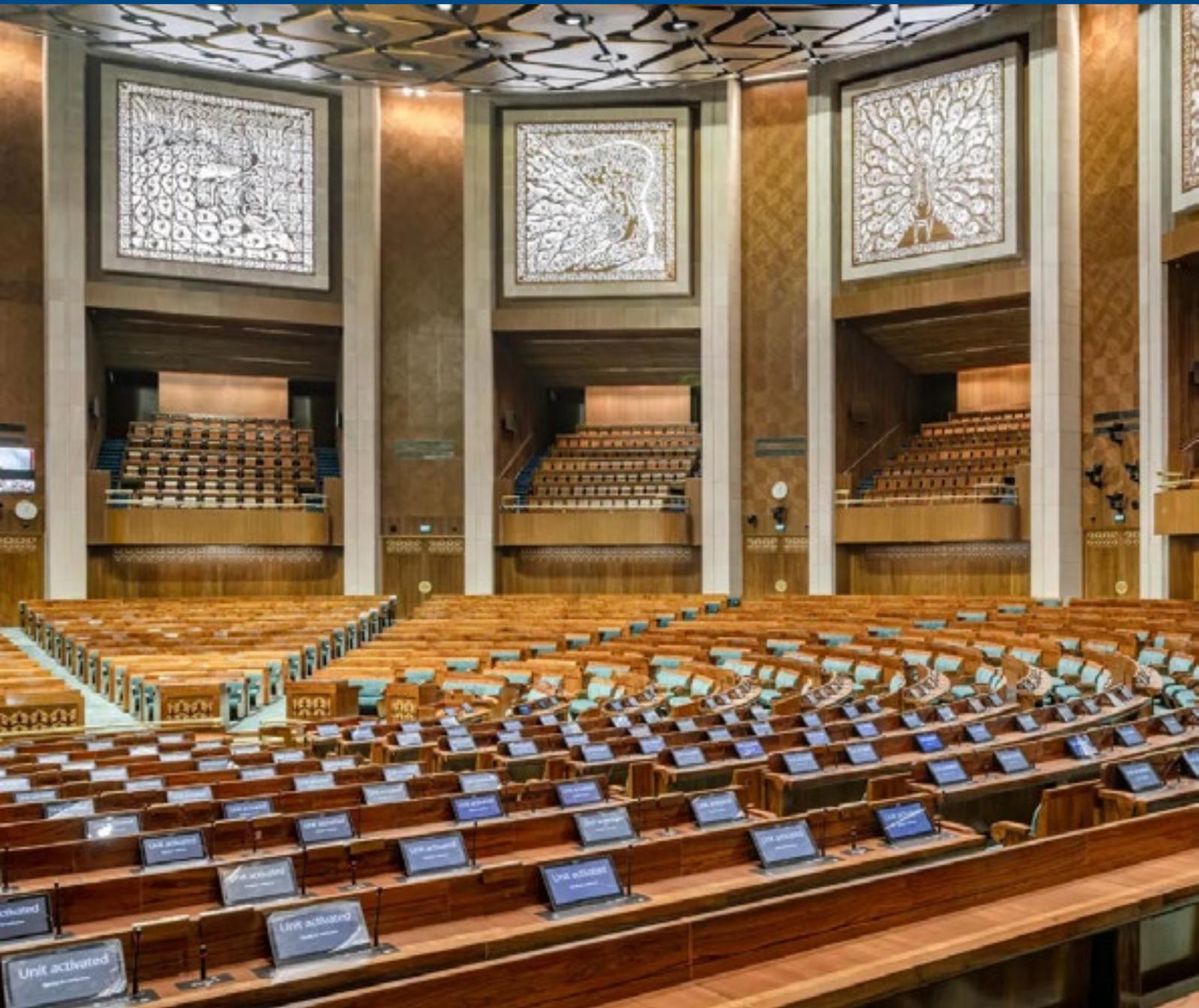
Fixed blade swirl pattern

### PLD



Size  
150-450mm

Plaque type diffuser



## Parliament Building, Delhi

The infrastructure of the new Indian Parliament promises to be a hallmark of modern governance and architectural excellence. Designed to reflect India's democratic ethos and future aspirations, the new complex aims to accommodate the evolving needs of parliamentary proceedings, technological advancements, and environmental sustainability. It is envisioned to feature state-of-the-art facilities including spacious chambers for both houses, advanced communication systems, and eco-friendly initiatives such as energy-efficient lighting and water management systems.

**Product range supplied:**  
Air Distribution Products

# Diffusers

## Long throw nozzle

### AJD



Size  
100-500mm

Eyeball double skin type  
long flow spot pattern

### DJD



Size  
906-3510mm

Drum jet diffuser longflow  
adjustable throw pattern

### RSD



Size  
Ø4",8",  
12",16",20"

Single skin jet nozzle  
with spot cooling

### RWH



Size  
100-1800mm

Adjustable jet diffuser/  
jet nozzle type flow pattern

## Linear ceiling mounted.

### NLD



Size  
200-1200mm

Narrow linear diffuser  
wall mounted

### Trimless slot



Flangeless Hidden linear slot  
diffuser. (1 slot/ 2 slot/ 3slot)

### DSL



Size  
600-1200-1800mm

Linear continuous ceiling  
diffuser (1 way/2 way flow pattern)

### CSF-RS1



Size  
1-8 Slot

Sliding vane linear slot

### CSF-RS2



Size  
1-8 Slots

Curved vane type linear slot

## Sound attenuator

### Attenuator



Size  
2000-2000mm

GI construction

## Plenum box for Slot/Grill/Diffuser

### Plenum slot



Size  
1 mtr

Plenum for slot diffuser



GI Plenum for slot diffuser/  
grilles



## Common Central Secretariat, New Delhi

The Central Vista currently accommodates various Ministries, Departments attached and subordinate offices of the Central Government. The Common Central Secretariat (CCS) comprises of 10 office buildings and a Central Conference Centre. All the 51 Ministries are located at one location. The office spaces are equipped with modern technological features and adequate space with amenities. This is a modern infrastructure building with capacity to hold about 54,000 personnel, meeting the needs of the Ministries/Departments. All these offices are connected through a loop of automated underground people-mover, over-ground shuttles and walkways. The campus has offices like Udyog Bhawan, Nirman Bhawan, Krishi Bhawan, Shastri Bhawan etc..

### Product range supplied:

Air Distribution Products, Fire Safety Products

# Diffusers

## Displacement diffusers

### KDU-90C



Cylindrical displacement unit

### KDU-90SC



Semicircular displacement unit

### KDU-90R



1 way Rectangular displacement unit

### KDU-90R3



3 way Rectangular displacement unit

## Floor diffuser

### SFD



Size  
200mm (neck/240 out to out)

Floor diffuser with dust collector



### Kalinga Stadium, Bhubaneswar, Odisha

Kalinga Stadium in Bhubaneswar stands as a premier sporting venue in India. Its infrastructure is a blend of modern amenities and functional design, featuring state-of-the-art tracks, seating arrangements for thousands of spectators, and world-class facilities for athletes. The stadium's architecture emphasizes accessibility and comfort, ensuring a seamless experience for both participants and audiences.

**Product range supplied:**  
Air Distribution Products, Fans

# Louvers

## Acoustic louvers

### Louvers



Size  
150-150mm-  
1200-1200mm

Low profile linear slot

## Weather prof diffuser

### WG



Size  
150-150mm-  
1200-1200mm

Large format

### YG



Size  
150-150mm-  
1200-1200mm

Small format

### Box type



Size  
100-1800mm

Box types or flash type louver box

### Sand trap

Size  
150-150mm-  
1200-1200mm

Sand trap louver



## Yashobhoomi (IICC) India International Convention & Expo Centre, New Delhi

The India International Convention and Expo Centre (IICC) in Dwarka, New Delhi, stands as a cutting-edge facility designed to host large-scale international events and exhibitions. Its infrastructure includes expansive exhibition halls, conference rooms, and modern amenities. The convention center features advanced ventilation systems that ensures optimal air quality and comfort for participants and visitors. These systems are crucial in managing the flow of fresh air and controlling indoor temperatures. The IICC's emphasis on efficient ventilation enhances the experience of guests.

### Product range supplied:

Air Distribution Products, Displacement Diffusers, Fire Safety Products, Fans

# Grilles

## Quality meets performance

Systemair's grilles are constructed of high quality aluminium alloy or galvanised steel sheets. Suitable to be used as air terminal devices for the ventilation of buildings and spaces in terms of supply air and return air. They are suitable for installation in walls, floors, doors in rectangular/ circular ducts.

### 1H & 2H / 1V & 2V



Size  
100-1200mm

Single or double Adjustable diffraction grille

### AL Series



Size  
100-1800mm

Standard fixed bar grille upto 60% free area

### 3HG, 3HJ & 3HF Series



Size  
100-1200mm

Supply/Return/Exhaust upto 80% free area

### 3HG-F-GI



Size  
225x75mm to  
225x425mm

Fire rated Fixed bar grille upto 80% free area

### Floor grill



Size  
600-600mm

Heavy duty floor grill with removal core

### NS



Size  
200-1200mm

Door air transfer grille with matching front and rear border

### GC5

Size  
100-2000mm



Egg crate grille  
Upto 90% free area

### Four way grille



Size  
600-600mm

4 way deflection fixed bar aluminium grille

### PER



Size  
100-1800mm

AL/SS

### Designer grille



Size  
100mm x 150mm

Designer grille

### DSRX



Size  
300-1200mm

Acoustic air transfer grille



## Indira Gandhi International Airport, Delhi

Indira Gandhi International Airport Terminal 3 exemplifies cutting-edge infrastructure and ventilation design. With its expansive layout and advanced technology, the terminal ensures seamless operations and passenger comfort. Natural light permeates through large windows, enhancing the open, airy feel and reducing energy consumption. The ventilation system employs innovative techniques to maintain optimal air quality, circulating fresh air efficiently throughout the terminal. This commitment to sustainability and passenger well-being underscores Terminal 3 as a model of modern airport architecture, providing a superior travel experience.

### Product range supplied:

Air Distribution Products, Fire Safety Products, Air Handling Units

# Fire and Smoke Dampers

## Key components of fire, fire & smoke dampers

Fire and smoke dampers are a vital part of any fire safety ventilation system. Every building is divided into different fire zones, and fire dampers are used to separate those zones from each other, preventing a fire spreading from one zone to another. Systemair fire, fire & smoke dampers are known for their light weight design and high-quality, energy-efficient motor technology. We have a very broad assortment that fits virtually any application need, complemented by a full range of fire damper and combined fire & smoke dampers.

The dampers are supplied with a electrical actuator, optional accessories (e.g. microswitches, control panel, smoke sensor, temperature sensor)

### FSD- Series



Fire & Smoke dampers UL 555 S Listed



### **Adani Connex Data Centre for Microsoft, Pune, Maharashtra**

The AdaniConneX data centre in Pune is a 25-acre hyperscale facility featuring high-availability server halls, secure zones, and top-tier HVAC and precision cooling systems to maintain optimal temperature, humidity, and air cleanliness—ensuring operational efficiency, equipment reliability, data integrity, and compliance with global standards.

**Product range supplied:**  
Fire Dampers

### WGD-Series



Motorised/ fusible link type fire dampers as per UL555, 90/120 minutes rating

### FSD(F) - F series



Fusible link fire dampers UL listed

### FSD(FS) - Series



Fire damper UL555 certified



## Hindustan Coca Cola, Lote, Maharashtra

The Hindustan Coca-Cola Beverages facility in Lote Parshuram, Maharashtra is a significant greenfield project spanning 88 acres. Designed for high-capacity bottling and beverage production, the facility is equipped with cutting-edge infrastructure – including fully automated production lines, quality-control laboratories, utility zones, and extensive warehousing.

To ensure smooth operations and regulatory compliance, the facility demands high-performance HVAC and ventilation systems. These systems play a crucial role in maintaining precise temperature and humidity levels, upholding hygiene standards, ensuring product safety, protecting personnel, and enabling energy-efficient operations.

### Product range supplied:

Air Handling Units, Air Distribution Products, Fans

# Air Valves

## Function & form perfectly fused

Systemair offers a comprehensive range of ventilation air supply and extract valves for domestic and commercial ventilation applications.

These are typically designed for easy installation on the wall or on the ceiling.

### BALANCE -S



Size  
100-160mm

Supply air polypropylene (PVC) valve

### BALANCE - E



Size  
100-200mm

Return air polypropylene valve

### VB



Size  
100-200mm

Spinning steel/Aluminium construction



#### **Ram Mandir, Ayodhya, Uttar Pradesh**

The Ram Mandir in Ayodhya, Uttar Pradesh, stands as a monumental blend of cultural heritage and modern infrastructure. Designed to accommodate lakhs of devotees from across the world, the temple complex integrates advanced engineering practices to ensure safety, durability, and comfort. From the intricately carved stone architecture to the vast prayer halls and corridors, every element reflects both tradition and innovation. Given the large influx of visitors, efficient air distribution, ventilation systems, and crowd management infrastructure play a vital role in maintaining a serene and healthy environment.

#### **Product range supplied:**

Air Distribution Products, Fire Safety Products



## RBI Data Centre, Bhubaneswar, Odisha

The Reserve Bank of India (RBI) Data Centre is a Greenfield Data Centre and an Enterprise Computing & Cybersecurity Training Institute in Bhubaneswar, Odisha, spread across a sprawling 18.55-acre campus. It features cutting-edge infrastructure including high-availability server halls, secure network zones, and advanced cooling and power systems. Designed for RBI's domestic and financial-sector computing needs, the facility emphasizes robust HVAC and ventilation to regulate temperature, humidity, and air purity- ensuring equipment reliability, energy efficiency, data integrity, and regulatory compliance.

The critical role of air handling units and precision air distribution systems helps maintain optimal environment.

### Product range supplied:

Air Distribution Products

# Air Volume Controllers

## Air flow adjustment and control devices

Designed to provide positive control of airflow within ventilation and air conditioning systems. Available in a range of format / adjustment systems to suit most installations.

### VAV/ CAV

#### Notus R



Size  
80-315mm

Insulated /Non insulated CAV  
Pressure- 52000Pa



#### IGG Headquarters, Uganda, East Africa

The IGG Headquarters in Uganda, East Africa is a state-of-the-art facility built to promote transparency and efficiency in governance. With modern infrastructure and thoughtfully designed office and public spaces, it ensures a healthy environment through advanced ventilation systems that enhance indoor air quality. Combining sustainability and functionality, the headquarters stands as a benchmark for progressive infrastructure in the region..

**Product range supplied:**  
Air Distribution Products, Fans

#### RSV /RSV I



Size  
100-400mm

Single skin/ Double skin type  
Circular to rectangular VAV regulator  
50-4000CFM

#### KCR-K-1



Size  
80-250mm

CAV Controller damper, self  
regulating contact air

#### RA



Size  
125-400mm

Circular VAV regulator

## Circular duct

#### SPI



Size  
80-800mm

Iris damper

#### SPM



Size  
160-400mm

Iris damper with choking ability

#### SPI-F



Size  
100-315mm

Actuator driven Iris damper

## Dampers

### TUNE-S-AL



Size  
Size 150-1200mm

AMCA Class 1 Certified  
Low Leakage  
Volume control damper

### AL-WDD



Size  
Size 150-1200mm

AL-Low Leakage  
Opposite blade type, Gear operated

### Round duct



Size  
Φ50-Φ200mm

Round duct damper multi  
blade type

### Butterfly



Size  
100-400mm

Round single slab damper

### WLDX



Size  
400 x 400 mm to  
3500 X 2000mm

Heavy duty duct damper  
work upto- 15m/s velocity

### GIVCD



Size  
150-1200mm

Opposite blade type, operated-  
Manual/ Motorised

### GI-NRD/GL



Size  
150-1200mm

GI construction with linkage  
or with duct

### PRD



Size  
300-1000mm

Pressure relief damper  
with column weight

## Heating & Air curtains

### AR200 A/E/W



Air curtains for smaller entrances

### AGS5500 A/W



Air curtain for large industrial entrances

### AGI4500 A/W



Air curtain for large industrial entrances

### CORINTE ADCS



Horizontal mouth air curtains for exclusive entrances

### PA2200C A/E/W



Air curtain with remote and integrated control installation

### K21



Fan heater

## Air curtains

### The invisible door

Air curtains create an invisible barrier in an open entry or passage areas, separating different temperature zones from each other without blocking the access of people or vehicles. They reduce energy loss and create a pleasant indoor climate. They are equally helpful in situations where you need to prevent the escape of cold air or entry of dust, exhaust gases or insects.

Frico Thermozone technology has enabled us to develop a line of air curtains in which performance, sound level and the orientation of air flow are all fully optimized. We have a close cooperation with leading architects and product designers resulting in a modern and aesthetically pleasing design of our products. Our wide range includes systems with or without heating, suitable for openings in any area – from a passenger doorway to an aircraft hangar entrance.

Frico was founded in 1932 and has been part of the Systemair Group since 1992, making us Europe's leading manufacturer of air curtain systems, radiant heaters and fan heaters. The Frico brand is represented in 70 countries by our subsidiaries or distribution partners.



## Microsoft Hyderabad, Telangana

Nestled amidst 54 sprawling acres, the 'smart' and 'green' Hyderabad campus, consisting of three buildings, manages to blend in seamlessly with the city's landscape. The energy efficient and eco-friendly campus has hi-tech safety systems and recently bagged a LEED Gold Certification for one of its buildings. The campus is equipped with amenities like a 24x7 ambulance & pharmacy, a landscaped 800-seater outdoor amphitheatre and a fully equipped gymnasium. With a focus on sustainability, the campus incorporates green initiatives and efficient resource management practices. This world-class infrastructure supports Microsoft's mission to drive technological advancements in cloud computing, artificial intelligence, and beyond, positioning Hyderabad as a key hub for global innovation within the company's network.

### Product range supplied:

Air Curtains, Air Handling Units, Fans, Air Distribution Products



# Systemair at your Fingertips



## MEDIA CENTER by Systemair

Access all Systemair documents anytime and anywhere on your smartphone, tablet or computer.



Explore our wide range of solutions through Virtual and Augmented Reality Apps



## Selection tools & plugins making your work easier

Systemair provides a range of powerful selection tools to help you quickly find the right product that meets your specific requirements.

Find them at [www.systemair.com](http://www.systemair.com) or use the scannable code.

With Systemair's free plugins, you can also use our selection tools for air handling units and air distribution products in your own Revit, AutoCAD and MagiCAD design software.

## Systemair DESIGN:

### Plan HVAC projects in minutes

An intuitive online tool to select air distribution and fire safety products – with up-to-date technical data, CAD models, and documentation.

- Quick product selection
- Always updated specs
- Export-ready CAD files
- Free & user-friendly

Plan and manage your HVAC projects in minutes.



# We contribute to 10 of the Sustainable Development Goals (SDGs)



Systemair supports the UN Global Compact

Systemair is committed to actively promoting and respecting the 10 principles of human rights, labour, environment and anti-corruption.



## Scan to download E-brochures

ADP



AHU - BA/BA+



H - AHU





## Some of our many references in India

### AIRPORTS

Ahmedabad Airport  
Coimbatore Airport  
Cochin International Airport  
Delhi International Airport - T3  
Hyderabad International Airport  
Jaipur Airport  
Mumbai International Terminal -1C  
Netaji Subhas Chandra Bose International Airport- Kolkata  
Raja Bhoj Airport  
Srinagar Airport  
Trivandrum International Airport

### AUTOMOBILES

BOSCH  
Ford Motor Company  
Hero Honda  
Honda Motors  
Hyundai Motors  
Maruti Udyog Ltd.  
Scania Commercial Vehicles India pvt. Ltd.  
Suzuki Motors  
TATA Motors  
TOYOTA Motor Corporation  
Volkswagen pvt. Ltd.  
Volvo India pvt. Ltd.

### CORPORATE PARKS

Amanora Park Town - Pune  
Cyber Walk - Manesar  
Embassy Golf Link - Bengaluru  
Global Business Park - Gurgaon  
Godrej IT Park - Mumbai  
Golden Heights - Bengaluru  
Lodha I Think - Mumbai  
Lulu Tech Park  
Mahindra Tech Park - Hyderabad  
Manyata Tech Park - Bengaluru  
Ramanujam IT City - Chennai  
Tata Communication Ltd



Systemair's products and ventilation solutions are used everywhere in society, and help create a pleasant and healthy indoor climate in homes, offices, industrial premises, hospitals, swimming pool halls, multistorey/ underground car parks, tunnels etc.  
Welcome to our world and some of the many solutions and systems that can be created using our products.

## DEVELOPERS

ATS  
Bhutani Group  
Brigade Group  
DLF  
Hiranandani  
Lodha  
Raheja Developers  
Salarpuria Sattva Group  
Sobha Developers  
Stellar Group  
Tata  
The Oberoi

## EDUCATIONAL INSTITUTIONS

American Embassy School - Delhi  
Amity-Gurgaon  
Army College of Medical Science- Delhi  
British School - Delhi  
DPS School - Delhi  
IIT - Delhi  
IIT - Hyderabad  
IIT - Kanpur  
IIT - Kharagpur  
IIT - Mumbai  
Indian School Of Mines - Dhanbad  
Navodya Public School - Hyderabad

## GOVT./PSU

BARC  
BHEL  
CPWD  
DRDO  
DMRC  
GAIL  
HSCC  
ISRO  
IOCL  
NTPC  
NPCIL  
ONGC



## Some of our many references in India

### HOTELS

Grand Hyatt  
ITC Hotels  
JW Marriot  
Le-Meridian  
Leela Hotel  
Novotel  
Oberoi Hotel  
Pullman Hotel  
Taj Gateway Hotel  
Hotel Taj  
Ramada Resort  
Trident Hilton

### HOSPITALS

AIIMS  
Amrita Hospital  
Apollo Hospital  
Columbia Asia  
Escorts Heart Institute  
ESIC  
Fortis Hospital  
Hiranandani Hospital  
Manipal Hospital  
Sant Nirankari Hospital  
Holy Family Hospital  
Medicity

### INDUSTRIAL

Apollo Tyres  
Asian Paints Ltd.  
Bombay Dyeing  
Bosch Ltd.  
Moser Baer India  
Reliance Industries  
TATA Steel  
Thermax Solar Power Plant  
Vacmet India Ltd.  
Pepsico  
Himalaya  
Tata Electronics

## Systemair product solutions are

- Innovative and energy efficient
- Simple to choose, install and maintain
- Robust, stable and standardized
- Performance tested, measured and documented in every detail

### IT INDUSTRY

Accenture  
CISCO  
Cognizant Technologies  
HCL Technologies  
Hewlett Packard  
IBM  
Infosys Technologies  
Microsoft India  
TCS  
DLF Building 2  
KP Tower  
WIPRO

### RAIL TRANSIT/ TUNNEL

CIAL Airport Metro line  
Chennai Metro  
DMRC  
Devli - Kota Interlink  
Delhi Airport Metro Express Line  
Dwarka Expressway  
Hyderabad Metro  
Jaipur Metro  
Kanpur Metro  
Kolkata Metro  
Lucknow Metro  
Mumbai Metro Rail Corporation

### MALLS/MULTIPLEX

A.B. Movies  
Adlabs Dome Theatre  
Bokaro Mall  
Centenary Mall  
Centrestage Mall  
City Emporio Mall  
Diamond Mall  
Metro Mall  
Pheonix City  
Select City Walk Mall  
Spice Mall  
The Forum Mall



## Some of our many references in India

### POWER PLANT

Adhunik Power  
BIDCO  
Hindustan Powerprojects Pvt. Ltd.  
Jindal Power Plant  
Lanco Solar Power pvt. ltd.  
Moolamattom Power Plant  
NTPC  
Rajwest Power Plant,  
Reliance  
Shirpur Thermal Power Plant  
Siemens Power Plant  
Tala Hydro Power

### PHARMACEUTICAL

ACG  
Biocon Pharmaceuticals  
Cipla Ltd  
Dr. Reddy Laboratories  
Glenmark  
HLL Lifecare Ltd.  
Mankind Pharma Ltd.  
Ranbaxy / Sun Pharma  
Torrent Pharmaceuticals Ltd.  
Serum Institute of India  
Wrivier Life Sciences  
Sun Pharma

### RETAIL OUTLETS

Amway  
Diamond Prestige  
India Exposition Mart  
Metro Cash & Carry  
More Stores  
Motilal Brijlal  
Pantaloon  
Reliance Cash & Carry Store  
Shoppers Stop  
Flipkart Warehouse  
Dabur India  
Spencer's



## Improving the climate for your business

Systemair's products and solutions create a comfortable and healthy indoor climate in homes, workplaces, public areas and on ships.

### SPORTS ARENA

Aga Ali Khan Stadium  
Chidambaram Stadium  
Dhyan Chand National Stadium  
IGI Stadium  
Indoor Stadium-Indian Railway  
Jawaharlal Nehru Stadium  
Kalinga Stadium  
MIB Cricket Stadium  
Narendra Modi Stadium  
Shivaji Stadium  
Siri Fort Stadium  
SPM Stadium  
Weight Lifting Stadium

### SHIPPING

Bharat Shipyard Ltd - Goa  
Bharati Shipyard - Manglore  
Chowgule Shipyard - Goa  
Cochin Shipyard - Kerela  
Garden Reach Shipyard - Kolkata  
PIPAV Shipyard - Gujarat  
Prince Marine Shipyard - Goa  
Shoft Shipyard - Gujarat  
Vijay Marine Services - Goa  
Zamil Offshore pvt. ltd - Saudi Arabia  
Indian Coast Guard Surat  
Seabird Karwar

### SPECIAL PROJECTS

Bangalore International Convention Center  
Common Central Secretariat  
Hyderabad International Convention Center  
IICC Dwarka  
Lucknow High Court  
Punjab & Haryana High Court  
Rashtrapati Bhavan  
Ram Mandir  
Sansad Bhavan  
Supreme Court of India  
Swarnim Sankul- CM Office  
Tamil Nadu Assembly  
Reserve Bank of India



## Some of our many references of Export network

### AFRICA

7Up Bottling Company - Nigeria

ADC Data Centre - Kenya

Africa Improved Foods - Kigali, Rawanda

Aga Khan Hospital - Kenya

Aga Khan University Centre - Kenya

Apapa Factory - Nigeria

Avenue Hospital - Kenya

BHC Nairobi Refurbishment - Nairobi

BSL3 - Uganda

Busolwe General Hospital - Uganda

Control Centre - Kampala

Cool Point HVAC Engineers Ltd.- Nairobi

Cosmos-Nairobi - Kenya

Dawa Life science Nairobi Kenya

Dawa Life Science - Nairobi

DEI Bio - Uganda

EAH Kenya Warehouse - Kenya

Excelligent Health Hospital

Gertrude Hospital - Kenya

Heart Institute - Uganda

Hilton Hotel - Kampala

IGG - Uganda

Inter Continental Hotel - Nigeria

Jomo Kenyatta Int. Airport- Nairobi

Kenya EHK - Kenya

Kenya Power Project - Kenya

Kigali Finance Square - Kigali

Konark Engineering & Services Ltd. - Nairobi

Langata Barracks - Kenya

Lapfund

LDC Phase 2 - Uganda

Life Care Hospital - Kenya

Marriott Hotel - Kampala, Uganda

Medland Hospital - Zambia

MGallery - Nairobi

Millimani Hotel - Kenya

# Systemair India Export network

Systemair India proudly exports its world-class ventilation and air distribution products across Asia, Africa, Oceania, the Americas, and Europe. By delivering energy-efficient and sustainable technologies worldwide, Systemair continues to strengthen its global presence while supporting healthier indoor environments across diverse geographies.

Mission Hospital - Kenya  
Mulago Hospital - Uganda  
Nairobi Hospital - Kenya  
NCI Mombasa Bunker - Kenya  
P58-Nairobi - Kenya  
Pension Tower - Uganda  
Regal Pharma - Nairobi, Kenya  
Royal Link Hospital.-. Mozambique Island  
Safa Group - Somalia  
Scania Service Centre - Nairobi  
Skaneem Manufacturing Facility - Limuru  
Tenwek Hospital - Kenya

## NEPAL

Ashwini Hospital  
Avant Garde Cleanroom  
Bio Clean Integrated Air System  
Bio Clean Turnkey Solutions  
Birgunj Adventures  
Birtamode Eye Hospital  
Blue Star Limited  
Charak Enterprises  
Concord Industrial Services  
Dabur Nepal  
Deurali  
DJPL

Fortis Elinique  
GC Electrical & HVAC  
Grand Central Hotel  
Hotel Crown Plaza  
Integrated Cooling Solutions  
JJ Laboratories  
Lyka Pharmaceuticals  
Magnus Pharma  
Mahavir Shree Intl  
Meera Biotech  
National Health Care  
Nepal Pharmaceuticals Lab



## Some of our many references of Export network

### NEPAL

Nepal Remedies  
Panas Pharmaceuticals  
Pokra Nepal  
Samar Pharma Company  
Sharma-Rasuwa Joint Venture  
SPM Printers  
SR Drug Laboratories  
Supreme Court  
Surya Nepal  
Unique Pharmaceuticals  
Vega Pharmaceuticals

### SRI LANKA

Admin Complex Mahara  
Akbar Brothers  
Amazon Teas Pvt. Ltd.  
Anuradhapuram  
Arc Hospital  
Batticaloa Hospital  
Boc City Office  
Cancer Hospital Bone Marrow  
Cargills Distribution Centre,  
Castle Street Hospital  
CBL Chocolate  
Children Care Hospital

Colombo City Centre Partners  
Cool Planet Ahu  
Dambadeniya Hospital  
De Mazenod College  
DPLG & Nawaloka Hospital  
Galle Hospital  
General Hospital  
Help Zone University  
ICC Innovative Hub  
ITC Hotel  
ITC Ratnadipa  
Jaffana Hospital



Jaffana Hospital  
Kandy City  
Lanka Dairies Pvt. Ltd.  
Ministry of Health  
National Archives  
Nawaloka Hospital  
Nawaloka Hospital Lab  
Noyon Lanka Merchandise Department  
Polonnaruwa Auditorium  
Ratnapura Hospital  
Ruhunu Hospital  
Sabaragamuwa University

Sc Printing International Pvt. Ltd  
Sky shopping Mall  
Sriyani Dress Point  
synergy pharmaceuticals Cor Pvt Ltd.  
Taj Bentota Resort and Spa  
Technomedics (Vision Care)  
Thellipalai Hospital  
Vario Systems Pvt. Ltd.

# Offices across India & East Africa

## INDIA

### NORTH

#### **Noida**

B-39, 3rd Floor, Sector 63, Noida, U.P. 201301  
Tel: +91 1204763100

### EAST

#### **Kolkata**

92/2A Bidhan Nagar Road, Kolkata, West Bengal-700067  
Tel: +91 9830420473

### WEST

#### **Mumbai**

804, 8th floor Ruby Crescent Business Boulevard Chakravarty Ashok Road, Ashok Nagar Kandivali (East) Mumbai-400101  
Tel: +91 8108124863

#### **Pune**

Office No 7B , B wing Manorama Apartments  
Lane no 7, Prabhat Road, Pune-411004  
Tel: +91 9823987810

#### **Ahmedabad**

1009, 10th floor, Shilp Zaveri, Shyamal cross road,  
Ahmedabad-380015  
Tel: +91 9920962642

### SOUTH

#### **Hyderabad**

Door No. 8-84/14/12, 13, 14  
Devar Yamjal Village, Shamirpet Mandal, Medchal,  
Malkajgiri District, Hyderabad, Telangana-500078  
Tel: +91 7674889007

#### **Bengaluru**

#3, 2ND Floor, Survey No.18, PDS Tower,  
Sanjeevini Nagar, Kodigehalli Main Road,  
Sahakar Nagar Post, Bangalore-560092.  
Tel: +91 9686454434

#### **Cochin**

2nd Floor, Poovathankavil Gardens, Subhash Chandra Bose Road,  
Vytilla, Cochin, Kerala-682019  
Tel: +91 7619553067

#### **Chennai**

No 11/38, Status Quo Building, Sterling Rd, Seetha Nagar,  
Nungambakkam, Chennai, Tamil Nadu-600034  
Tel: +91 6366430422

### EAST AFRICA

#### **Kenya**

Global Trade Centre(GTC), 14th Floor  
Westlands, Nairobi, Kenya  
Tel: +254 717 244551

## **Systemair India**

(Head office & Manufacturing Plant)  
LEED Platinum Campus  
Plot No.03, Ecotech I, Sector-31, Kasna,  
Greater Noida,  
U.P - 201308.

**Unit II** - Plot No.-B-3/1,  
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Fax: +91 120 4763 101

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