

FanAir



About us

FanAir India Pvt Ltd has grown into becoming one of the leading manufacturing of air management systems. We can proudly boast of world class production facilities with complementary competency portfolio while providing total customer comfort.

We are involved in manufacturing of various HVAC products such as Forward Curved Centrifugal Fan, Backward Inclined centrifugal fan, Plug Fan, Cabinet Inline Fan, Circular Inline Fan, Jet Fan and Axial Flow Fan etc. These products are manufacture under the brand name “**FanAir**”. Along with people involved, our state-of- the- art manufacturing unit is facilitated with machines and equipment which helps us to develop our range in line with set industry standards. The product are design according to requirement of pressure and air capacity (CFM) to ensure low noise & power consumption and trouble free operation.

We have a Pan-India network of dealers 7 distributors with a strong satisfied customer base and also thrust on global supply chain and dsitribution footprints, thereby providing a complete solution to residential & commercial structures. We endeavor to get highly trained people who have a precise understanding of their role and what is expected of them. Our utmost concern area is quality check and delivery schedule of the product manufacture through stringent quality test. Further our zeal to excel and lead above others has helped us to carve a niche in this competitive industry and gamer reputed clients not only in India but abroad also.

Our Aim

To rank and stay within top Indian companies engaged in our sector by delivering quality products.



Research & Development

Ensuring proper feedback from every nook & corner is we aim for. Everyone in all segments, in the chain provides input which is very vital for research and development. This participation helps us to iron out every unaddressed issue.

Our Strengths

- High grade raw material.
- Leadership in product innovation.
- Continuous R & D of products
- Optimum functionality
- Highly efficient, Low- Cost manufacturing.
- Energy saving features

Our Vision

We would like to be the most reliable & innovative manufacturer of blowers & HVAC products as regarded by our customers globally.

Our Mission

We will work as a team with full dedication towards achieving operational excellence and thus strive for value creation for our customers.

Our Quality Policy

The right way is to use experts is every step of the way-to research rigorously, in-depth and apply punctilious detail to tried and trusted methods, examining the special technical characteristics of every single project and to anticipate problems, whether apparent or unseen. Due to our tight quality control specialists, we have received the ISO 9001 : 2015 certification and assure the quality of our products.

New Facility

Our new state-of-art manufacturing setup spreads over 110000 sqft at Ghiloth Industrial area, RIICO, Neemrana, Rajasthan.



Air Movement & Control Association International, Inc.

The International Authority on Air System Components Since 1917



Fanair India PVT LTD

January 2015

Member Since


Executive Director

Certificates

Certificate of Registration

This is to Certify that
Quality Management System of

FANAIR INDIA PVT. LTD.

A-9, RIICO INDUSTRIAL AREA, GHILOT, DIST. ALWAR - 301401,
RAJASTHAN, INDIA.

has been assessed and found to conform to the requirements of
ISO 9001:2015
for the following scope :

MANUFACTURER OF FORWARD CURVED BLOWERS (AMCA CERTIFIED),
BACKWARD CURVED BLOWERS, AXIAL FANS, CABINET INLINE FAN, PLUG FANS,
JET FAN, KITCHEN EXHAUST FAN, AIR HANDLING UNIT, AIR WASHER,
FAN COIL UNIT, DRY & WET SCRUBBER, TREATED FRESH AIR UNIT,
FAN SECTION, CIRCULAR INLINE FAN, CABINET INLINE FAN, PRE FABRICATED DUCT,
AIR DISTRIBUTION PRODUCTS, HVLS FANS, TURBO VENTILATION FANS,
FILTERS - PRE/FINE/ HEPA.

Certificate No	: 20IQFV22	Issuance Date	: 19/08/2020
Initial Registration Date	: 19/08/2020		
Date of Expiry	: 18/08/2023		
1st Surve. Due	: 19/07/2021	2nd Surve. Due	: 19/07/2022


Director



ACCREDITED
Management Systems
Certification Body
MSCB-119



AQC MIDDLE EAST FZE.

Head Office: E1-1401 E Amber Gem Tower, Sheikh Khalifa Bin Zayed Road, 2, Ajman, UAE. e-mail: info@aqcworld.com.

Key Location: 403, Madhuban Building, 55, Nehru Place, New Delhi-110019, India.

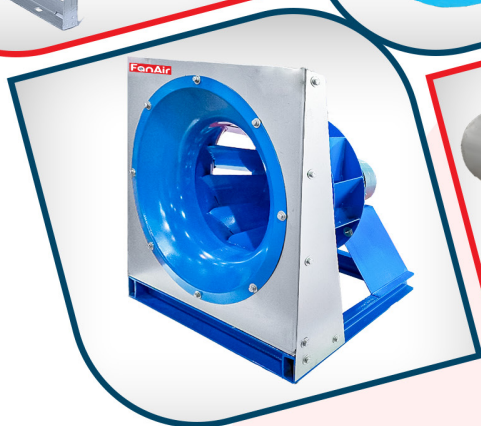
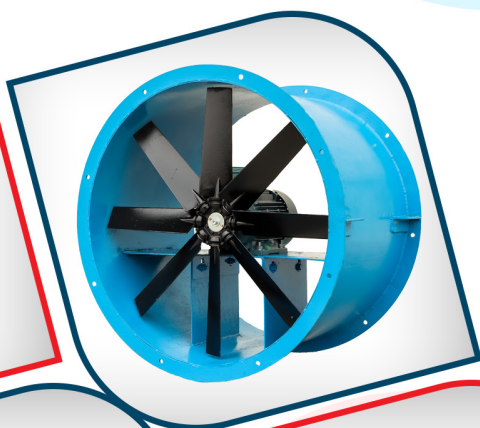
*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date. (in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn).

Certificate Verification: Please Re-check the validity of certificate at <http://www.aqcworld.com/activeclients.aspx> or www.aqcworld.com at Active Clients.
Certificate is the property of AQC Middle East FZE and shall be returned immediately when demanded

www.fanair.in



Product Overview



JET FANS



Introduction

Jet fans—also known as impulse or induction fans—support the natural flow between the supply air and extract air zones. They provide motion in regions with low air speeds, thus guaranteeing the daily ventilation requirement for all areas. Since jet fans are only installed at particular points, they take up less than 0.5% of the ceiling area. This leaves room for other technical installations and the visibility across the parking decks is improved. Often it is even possible to reduce the storey heights. This saves time and money. For the system to be able to reach its full potential and react reliably in an emergency depends on precise planning and a perfectly-controlled interaction of all the components. This is why, if you wish, FanAir will support you right from the design phase and can offer you jet ventilation as a complete package. This means you only have a single contact and can be sure that everything functions smoothly. You only need to install it, switch it on and you're done.

INNOVATION

The Green Ventilation jet fan system from FanAir-

Our experts and developers have invested more time so that you get much less energy consumption, lower operation costs, less expense for planning, realization and commissioning. The combination of modern fans, tailored components and & demand control resulting in a system fully attuned to your requirements, which is unrivalled in its efficiency i.e. 80% energy savings.

ALL INCLUSIVE PACKAGE FROM FANAIR

- + Conception of the entire system including the CFD system
- + Detailed ventilation system
- + Creation of cable lists and compilation of all components
- + Delivery of components to the building site
- + Commissioning
- + Accompanying the independent inspection with hot smoke tests

WHY JET FANS

No matter what the design of your underground car park or multi-storey car park looks like – together with you, our experienced experts will develop a solution tailored to your project, consisting of supply air, extract air and jet fans, monitoring sensors, a superordinate control system and accessories as required. This takes into account any available supply air inlets, such as entry ramps or other openings. Of course, our planning is based on the legal requirements; not forgetting the different approaches taken in the German car park regulations (GAVO) for individual federal states.

In case of Emergency

Jet fan systems from FanAir are active systems which, in an emergency, react according to a pre-saved switching matrix, thus offering people and buildings the greatest possible protection. To start with, protection targets are agreed for each project. If there is an emergency, the project-specific switching matrix ensures that the legal basic requirements and the predetermined protection targets are adhered to. These are for example maximum CO and smoke gas concentrations, required visibilities for self-rescue and preparation for fire fighting by the fire services. In case of fire, the aerodynamic forces of the jet fans (depending on the corresponding safety regulations) can build virtual smoke sections, if a structural separation of the smoke sections is not possible due to circumstances. Naturally always from the perspective of the highest efficiency and energy saving, without losing track of the investment costs.

APPLICATIONS

- Perfect for renovation because of high flexibility.
- Aesthetically appealing because of modern design.
- Saves time as less planning is needed.
- Easy to install Just install, switch on and you're done.
- Good air quality: Lower concentration of hazardous substances than for conventional system.

COMPONENTS

Fan Housing- Depending on the application, the Jet fan housing is available in the following versions:

1. Hot Dip Galvanised (standard)
2. Pre Galvanised (Ventilation Control System)
3. Stainless steel (Corrosive atmosphere)

All housings have rolled flanges for airtight duct connection.

The fan sizes up to 1,600 mm are equipped with an inspection opening for checking the direction of rotation.

Fan Motor- IEC standard motors according to EN60034-5; standard, highly-efficient motors complying with the ErP Directive 327/2011. Insulation class F or H, depending on the application, 2-, 4-, 6 - or 8-pole, one-or two-stage. In the standard, the standard motor is suitable for inverter speed control for motor frame sizes up to 225 Motors for applications at ambient temperatures are equipped with PTC thermistors as standard for motor protection.

Fan Impeller- Unidirectional or fully reversible blades made from die-cast aluminium (LM13 or ADC12 depending on size and application). All reversible impellers are x-rayed. Dynamically-balanced for vibration-free running. Adjustable impeller positioning angle for maximum efficiency at a standstill.

Connection Box- The standard connection box is assembled on the outside of the fan housing for quick and easy connection. Insulation class IP 65. Die-cast aluminium, powder-coated steel or stainless steel, depending on the application.

Motor Bearing- L10 motor bearing life over 40,000 hours for standard temperature motors and bearings with permanent lubrication. The bearing service life varies depending on its field of application.

Specification

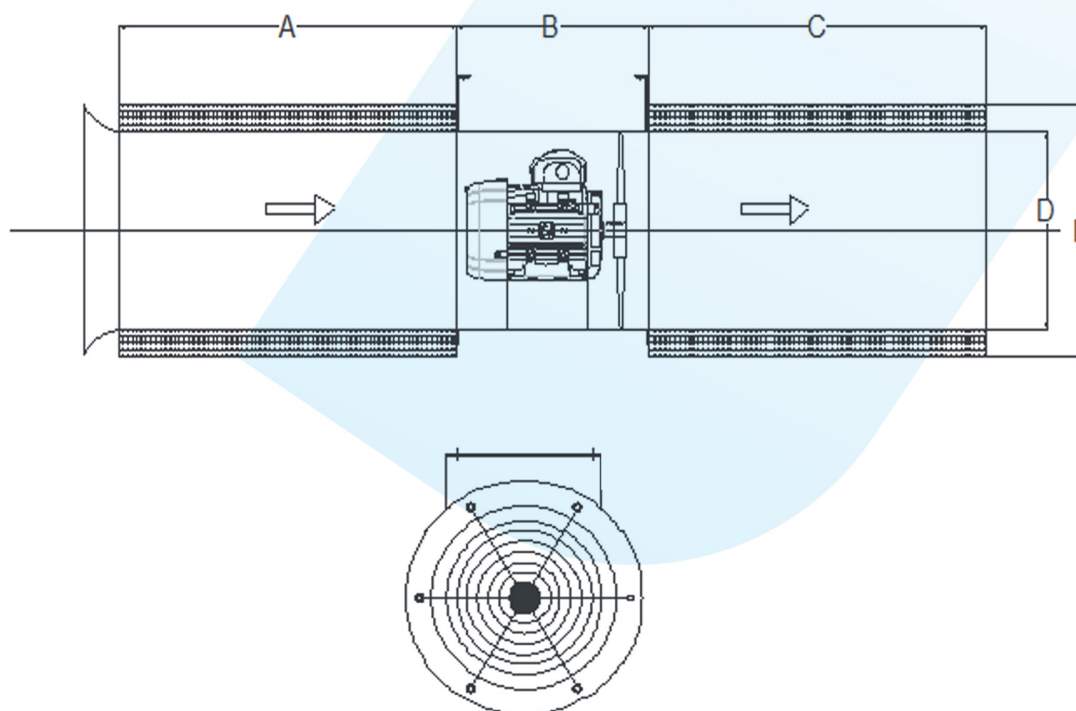
Size:- 315mm, 355mm & 400mm diameter

Capacity:- upto 11000CMH

Dual Fan Speed

Smoke exhaust/Heat Ventilation Suitable for basement car parking

Technical Details

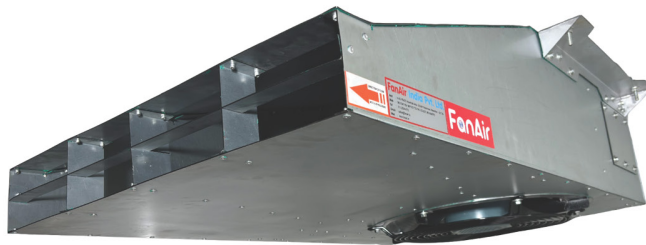


FAJF- 315 - 400

Technical Details											
Make	Dia	Capacity @2800	Capacity @1400	Thurst @2800	Thurst @1400	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Motor Rating (Kw)
FanAir	315	4500	2250	24	6	610	345	610	315	415	1.2/0.24
FanAir	355	6480	3240	40	10	610	345	610	355	455	1.2/0.24
FanAir	400	9000	4500	60	15	610	345	610	400	500	1.7/0.34

* All dimensions are in mm and it may vary at the time of production

IMPULSE JET FANS



Introduction

An impulse jet fan or centrifugal jet fan is used for regulating airflow is specially crafted to guide contaminated or polluted air and smoke from the cars towards designated extraction point in the basement car parking facility.

Features

1. Compact design, ideal for low- ceiling car parking.
2. High airflow capacity, extended throw distance, minimal noise.
3. Simple upkeep.

Operating Temperature

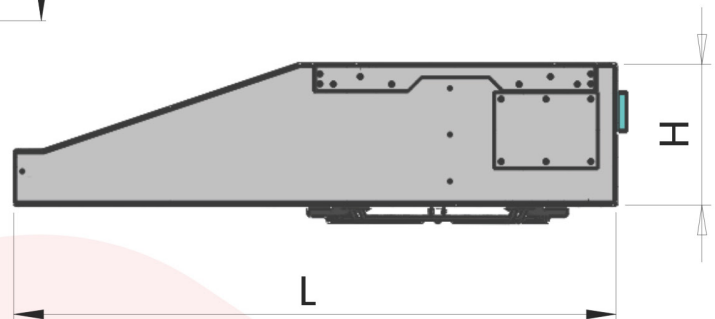
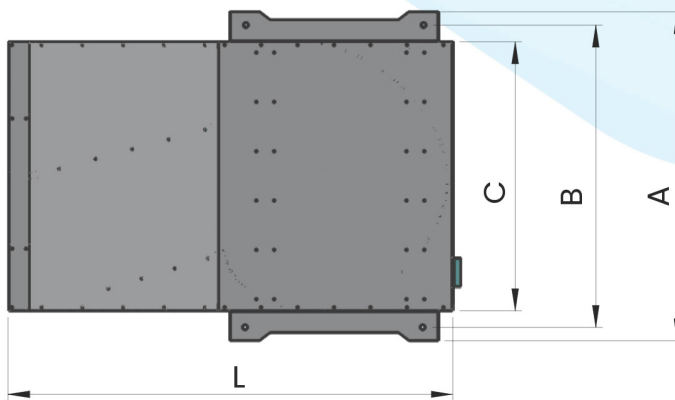
1. General ventilation range : -20°C to +55°C.
2. Smoke exhaust system rated for 200°C, 250°C, 300°C or 400°C for 2 hours.

Smoke Exhaust System

1. All motors are IP55, Class H insulation, Totally Enclosed Non-Ventilated (TENV) High Temperature rated motor.

Technical Details

Technical Details												
Model	Speed (rpm)	Thrust Force (N)	Airflow at free discharge (m ³ /h)	Current at free discharge (A)	Fan Input Power at free discharge (kW)	Installed Power (kW)	Voltage	Phase	Hz	Lw(A) at free discharge* (dB(A))	Lp(A) at 3m free discharge* (dB(A))	Outlet Velocity (m/s)
FAIJF 50	1390/670	60/15	7900/3950	3.12/1.12	1.4/0.20	1.5/0.3	415	3	50	90/73	69/52	22.7/11.4
FAIJF 56	1430/710	71/17	9150/4520	2.1/0.25	2.1/0.25	2.3/0.4	415	3	50	91/73	70/52	23.4/11.6
FAIJF 63	1430/720	98/24	11200/5600	2.7/0.35	2.74/0.35	3.0/0.5	415	3	50	92/77	71/56	26.2/13.1



Dimension			
Model	FAIJF 50	FAIJF 56	FAIJF 63
A	990	1020	1100
B	910	980	1060
C	810	930	1010
H	314	354	355
L	1340	1600	1670

*All dimensions are in mm and it may vary at the time of production



MAKE IN INDIA

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