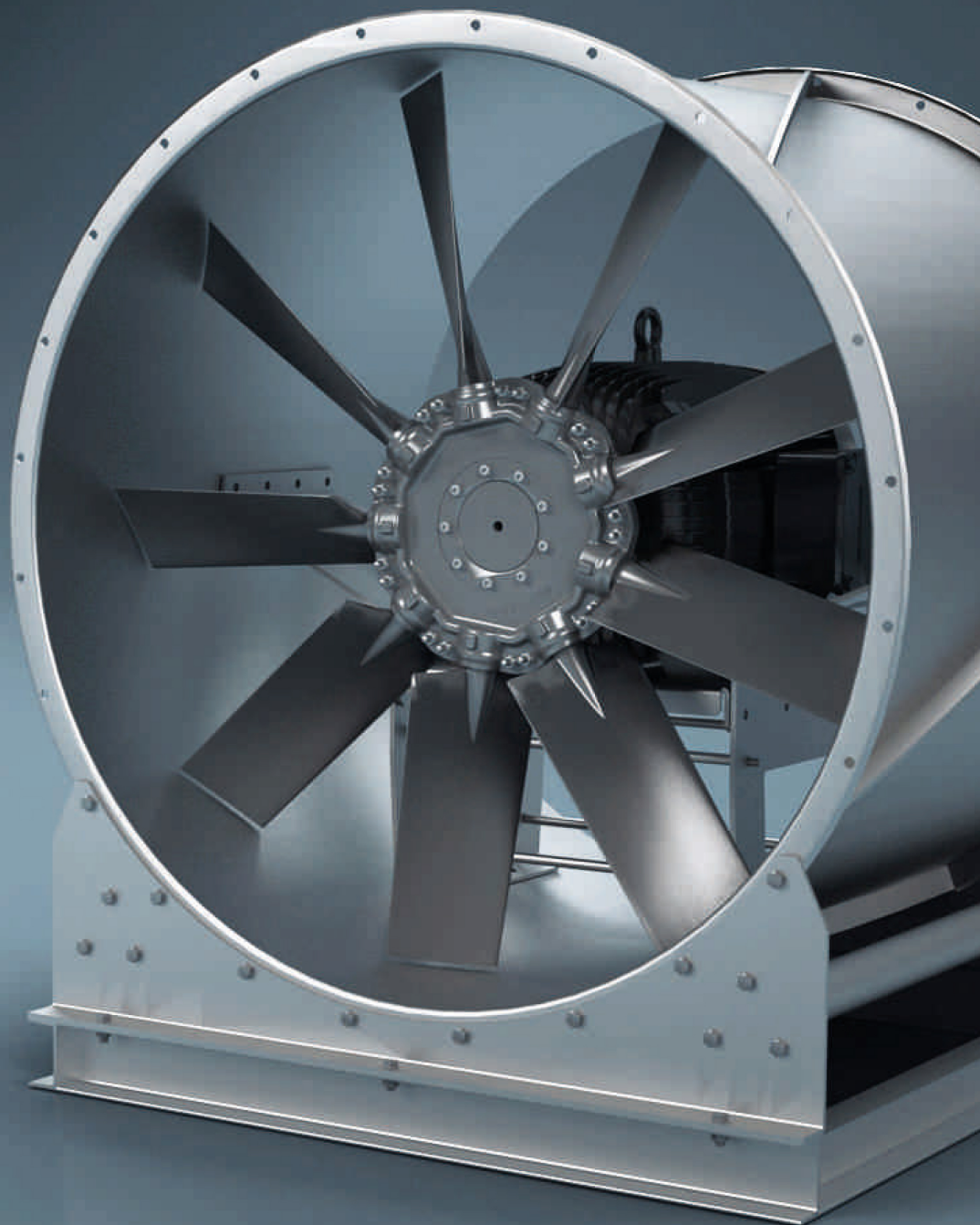




AERONÖX

www.aeronoxindia.com



ABOUT US

RLJ International is built on a strong manufacturing heritage and a modern vision for India's ventilation industry. Operating from a factory with over four decades of production experience, we bring together dependable machinery, skilled workmanship, and updated product engineering.

Under our flagship brand **Aeronox**, we manufacture a premium range of axial fans designed for industrial and commercial environments.

Aeronox fans are developed to deliver high airflow, long operational life, and stable performance even under continuous use.

We believe in practical innovation — meaning every **Aeronox** product is designed to solve real user needs : smooth airflow, energy efficiency, lower noise, and long-term reliability.

As **RLJ International** grows, our mission is to expand **Aeronox** into a complete fan brand covering industrial fans, domestic exhaust fans, and advanced air-movement systems.

Our approach is simple : Strong foundation.

Quality products. Customer-focused growth.



LEGACY & ROOTS /

Our journey began in 1978 when the manufacturing unit operated under **Garg Electricals India**, producing induction motors. Today, induction motors continue to be made in the same facility - now expanded to manufacture **Aeronox** Axial Fans under **RLJ International**, maintaining the same trust and workmanship.

OUR VISION /

To establish **Aeronox** as one of India's most trusted brands for industrial and domestic ventilation. To expand **Aeronox** across the globe and establish **RLJ International** as a worldwide leader in air-movement and ventilation solutions.

OUR MISSION /

- ❖ Deliver reliable and efficient airflow solutions
- ❖ Maintain strict manufacturing standards
- ❖ Expand Aeronox across multiple fan categories
- ❖ Provide dependable service and long-term value

WHY CHOOSE AERONOX /

- ❖ High Airflow Performance
- ❖ Energy-efficient Motor Design
- ❖ Long Life & Rugged Build
- ❖ Suitable For Continuous Industrial Use
- ❖ Custom Size & Rpm Options
- ❖ Manufactured With Strict Quality Control

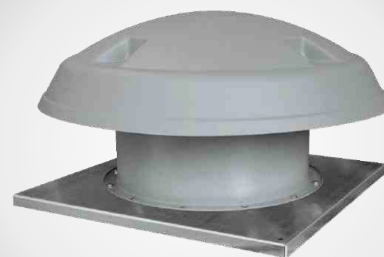
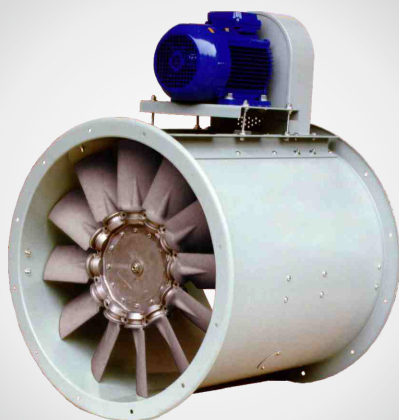
QUALITY & MANUFACTURING STRENGTH /

- ❖ Precision Machining
- ❖ In-house Airflow Testing
- ❖ Component Inspection
- ❖ Skilled Assembly Line
- ❖ Durability & Vibration Checks
- ❖ Every Fan Branded Under **Aeronox** Passes Thorough Quality Checks Before Dispatch



PRODUCT RANGE /

Under the Brand **AERONOX** Industrial Fans

**TUBE AXIAL FAN****AXIAL ROOF FAN****JET FAN****BELT DRIVE AXIAL FAN****PEDESTAL MAN COOLER****MAN COOLER****DIRECT DRIVE AXIAL FAN**

INTRODUCTION /

Axial fans as the name implies, move an airstream along with the axis of the fan. The air is pressurised by the aerodynamic lift generated by the fan blades, much like a propeller or an air plane wing. They have less rotating mass and are compact. They are frequently used in providing general ventilation, fume exhaust and removal of hot spots.

FEATURES /

- ◆ High performance
- ◆ Low sound
- ◆ Non overloading characteristics
- ◆ Suitable for high pressure range
- ◆ Aerofoil blades with higher lift coefficient
- ◆ Performance flexibility with adjustable blades
- ◆ Dynamically balanced
- ◆ Compatible with variable frequency drives
- ◆ Die cast aluminum hub and blades
- ◆ Rugged construction with spun flanges.

/ APPLICATION

- General Ventilation ↵
- Fume Exhaust ↵
- Basement Ventilation ↵
- Removal of hot spots ↵
- Tunnel Ventilation ↵
- Industrial Process Applications ↵
- Staircase and Liftwell Pressurisation ↵

ACCESSORIES /

Bird Screen

Aeronox offers bird screen made of mild steel material which doesn't allow the entry of foreign material and prevents unwanted accidents.

Louver

Aeronox offers transition cones for all of its axial fans equipped with some longitudinal vanes to prevent an excessive spin.

CONSTRUCTION FEATURES /

Blades

Aeronox manufactures a die cast aerofoil blades from sizes to 300-1600 mm diameter. The impellers are made of LM6 aluminium alloy for high strengths and low weight impeller for high rotational speed low sound level. The impellers are designed for adjustable pitch to provide performance flexibility.

Hubs

Aeronox offers the hubs of various diameters and blade configuration for different applications providing high efficiency low noise for the respective applications. These are designed ensuring strength and high performance to provide economical and optimized solution. These are designed with a taper lock bush to ensure a fine grip between the hub and the motor shaft and also for easy handling while assembling and dismantling.

Casing

Aeronox offers casings with a spun flanges on both ends fabricated from mild steel plates. Fans are available with different mounting arrangement offering varied choices to the customer.

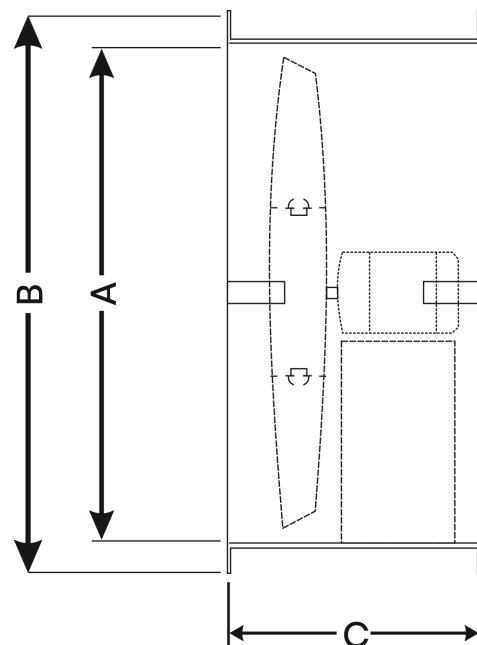
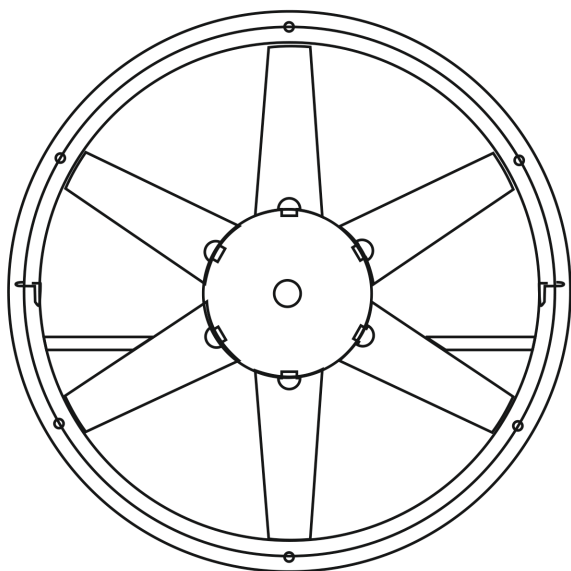
Motor

The standard AC motors are totally enclosed fan cooled (TEFC), squirrel caged induction type suitable for ambient temperature up to 400°C. FanAir also offers class Hand high temperature motor as well as flame proof, vapour tight and other motor. We can supply VED compatible motor on the client's request.

TECHNICAL SPECIFICATION

SIZE	HP/RPM	FAD (CFM)
RAXF 300	0.5 / 2800	2120
RAXF 375	0.75 / 2800	2500
RAXF 400	1 / 2800	3200
RAXF 450	1 / 1440	3700
RAXF 500	1 / 1440	4500
RAXF 600	1 / 1440	6000
RAXF 700	2 / 1440	8000
RAXF 800	3 / 1440	15000
RAXF 900	5 / 1440	18000
RAXF 1000	7.5 / 1440	25000
RAXF 1050	10 / 1440	27000
RAXF 1200	12.5 / 1440	36000

TECHNICAL DETAILS



RAXF - 300 - 1250

Fan Dia A	Casing Width b	Flange Width	Casing Thickness	Flange Thickness
RAXF 300	355	25	2	2
RAXF 375	355	25	2	2
RAXF 400	355	25	2	2
RAXF 450	520	30	2	2
RAXF 500	570	35	2	2
RAXF 600	670	35	2	2
RAXF 700	770	35	2	2
RAXF 800	880	40	2.5	2.5
RAXF 900	980	40	2.5	2.5
RAXF 1000	1080	40	2.5	2.5
RAXF 1050	1130	40	2.5	2.5
RAXF 1100	1180	40	3	3
RAXF 1200	1280	40	3	3
RAXF 1250	1330	40	3	3



AERONÖX

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