

# Engineered for the Industrial Environment

## The Adjustable Industrial Extractor Fan

A robust and efficient solution for precise control over ventilation, temperature, and air quality.



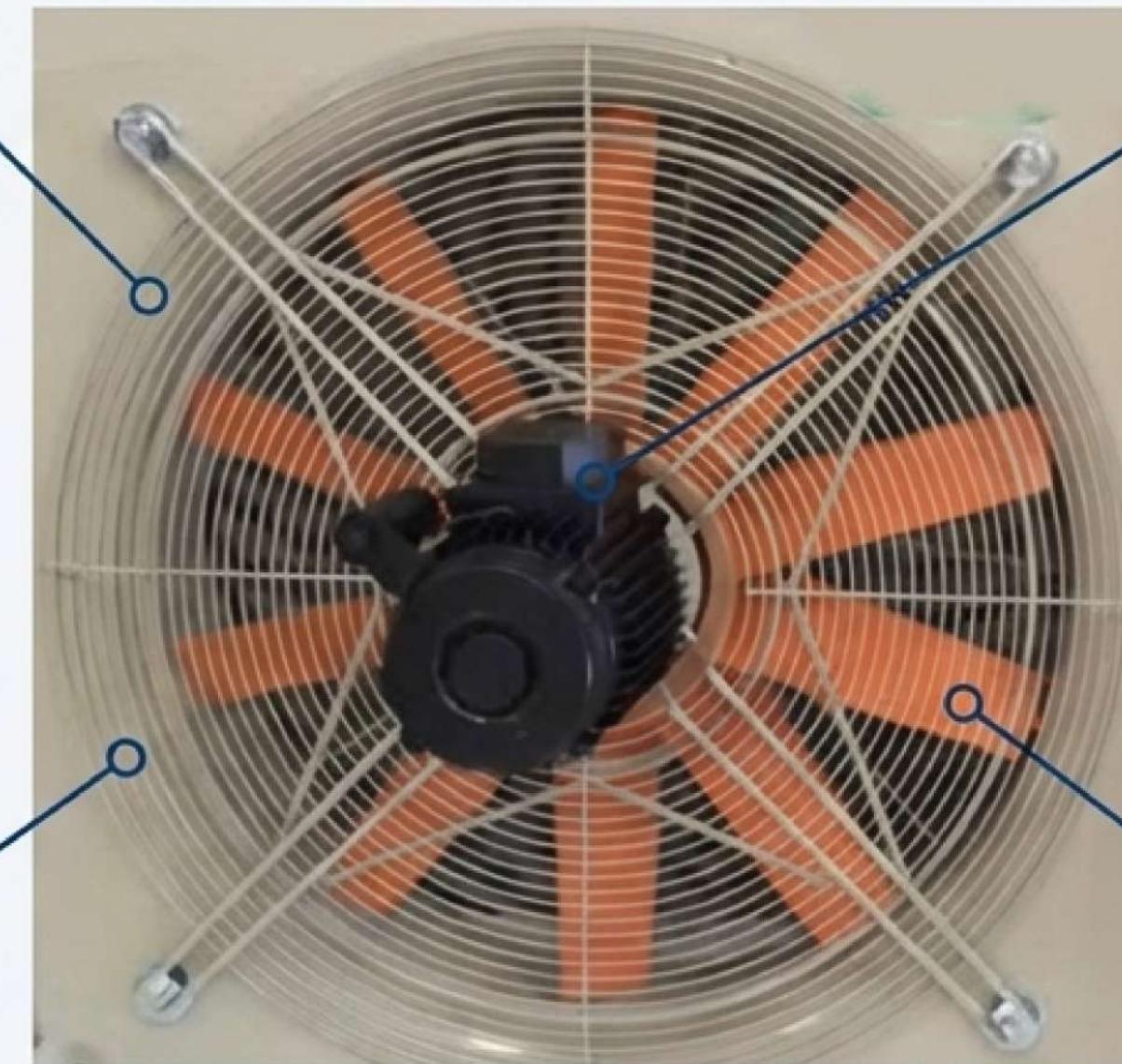
Creating a Healthier, More Productive, and Safer Work Environment.

# Meticulous Engineering in Every Component

Every part of this extractor is designed for durability and long-term performance in demanding settings. We will deconstruct the four key areas that deliver its resilience and reliability.



**1. Foundation:** The Frame & Propeller



**2. Powerhouse:** The Motor

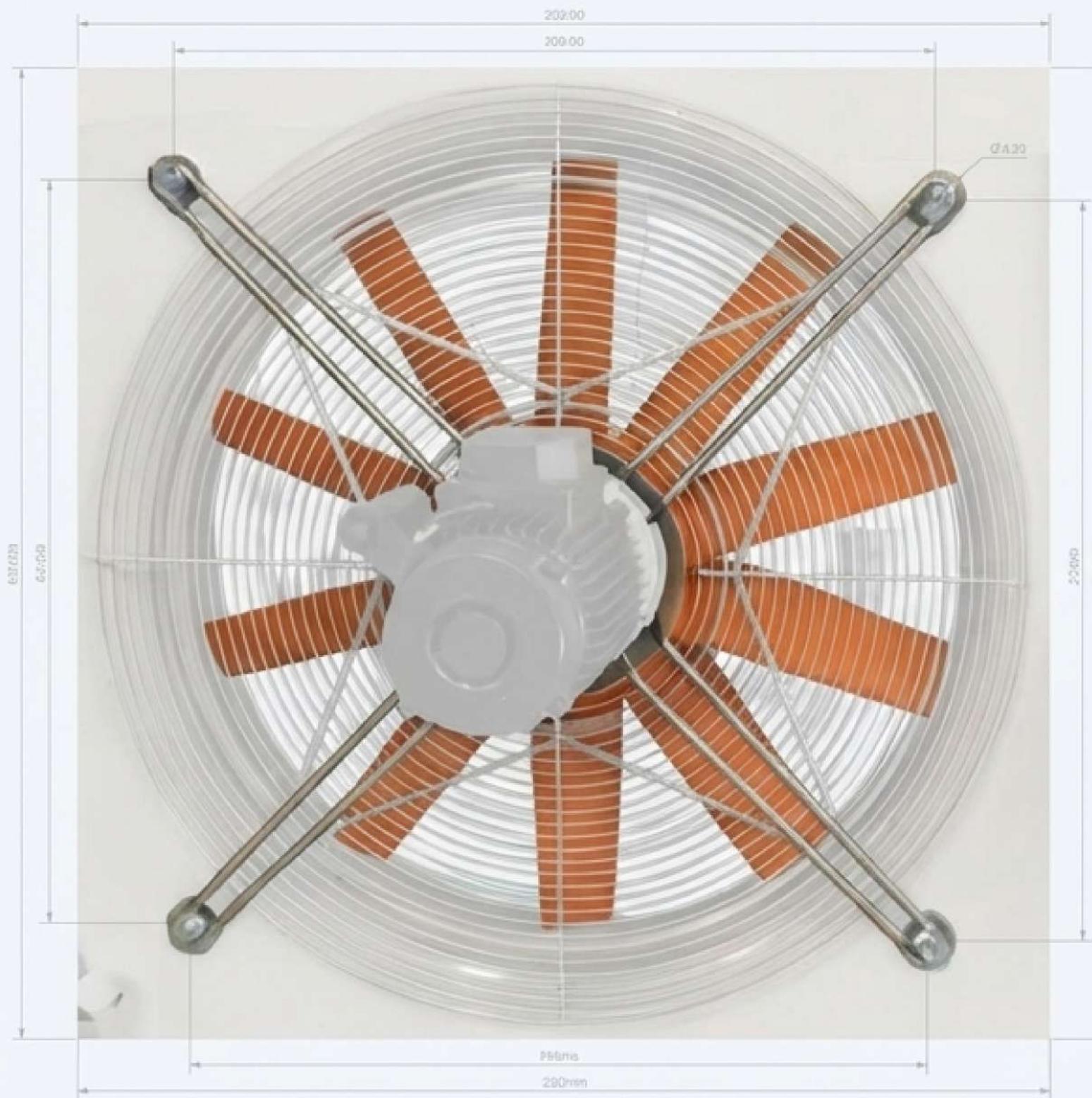


**3. Protection:** The Finish



**4. Safety:** The Grid

# A Foundation of Strength: The Frame & Propeller



## Robust Frame

**Specification:** Steel sheet support frame.

A tough, heavy-duty steel core provides the strength to withstand the rigors of an industrial setting.

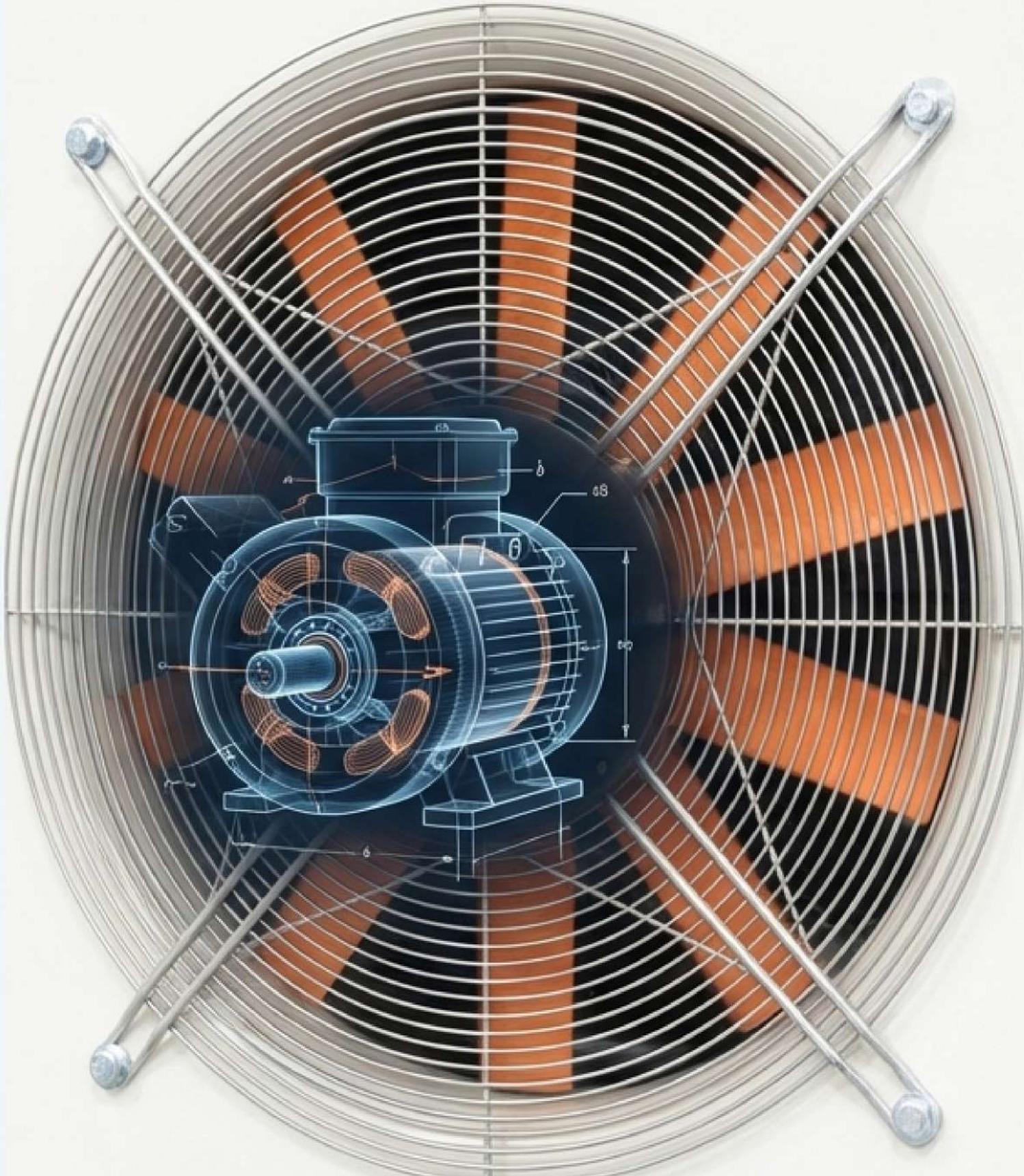
## Reinforced Propeller

**Specification:** Polyamide 6 propeller reinforced with fiberglass.

A high-strength composite material that resists wear, chemical agents, and abrasion, ensuring a long and reliable service life.

# The Powerhouse: Engineered for Efficiency and Reliability

Technical Feature	What This Means For You
Class F Motor with IP55 Protection	<b>Superior Reliability:</b> Handles higher operating temperatures without overheating. Well-protected against dust and low-pressure water spray. <i>*Note: Single-phase models size 45-63 feature IP54 protection.</i>
IE-2 Efficiency	<b>Reduced Operational Costs:</b> Converts more electricity into useful work, wasting very little as heat, which lowers energy consumption. <i>*Note: Excludes powers &lt;0.75 Kw, single-phase, and 2-speed motors.</i>
Wide Temperature Range	<b>Operational Versatility:</b> Engineered to start up and run reliably in climates from -25°C to +60°C.



# A Shield Against Corrosion: The Advanced Finish

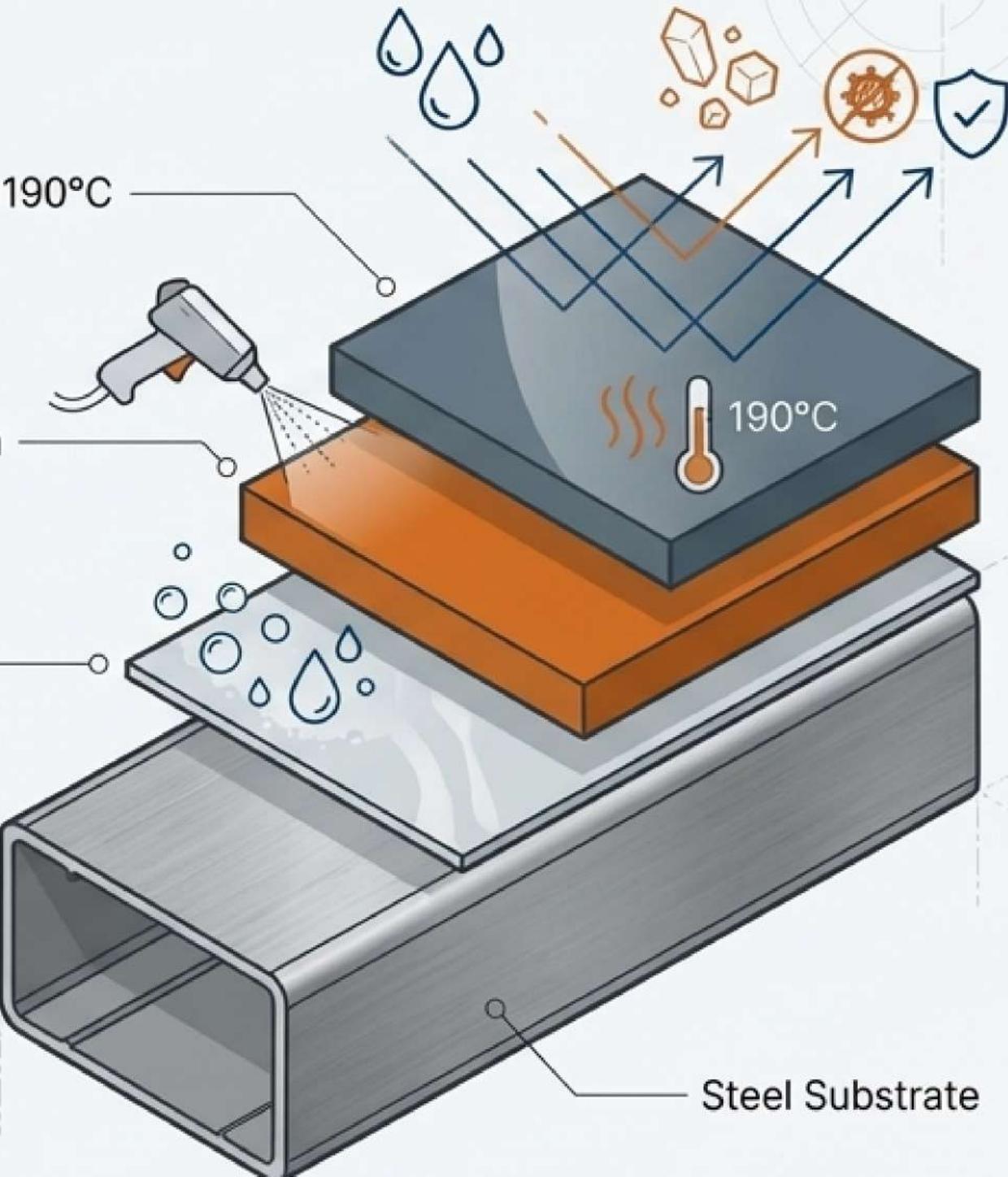
## More Than a Coat of Paint: An Industrial-Grade Protective System.

The fan is safeguarded by a superior anti-corrosive finish that provides long-lasting protection from rust and environmental damage.

**Step 3:** Polymerized at 190°C to create a hardened, durable barrier.

**Step 2:** Application of a Polyester resin finish.

**Step 1:** Meticulous alkaline degreasing and phosphate-free pretreatment.



# Designed for Safety: Certified Personnel Protection

## Protective Grid Against Contact

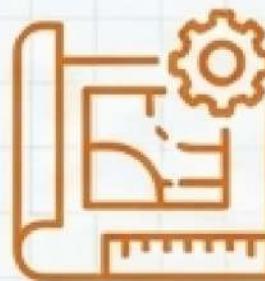
A sturdy wire guard creates a physical barrier to prevent accidental contact with the moving propeller, ensuring personnel safety during operation.



## Compliance & Availability

- **\*\*Certified Protection\*\*:** The guard is built to meet the UNE 100250 standard, providing verified protection.
- **\*\*Availability Note\*\*:** Standard on most models. Available as an essential accessory on models 71, 80, 90, and 100.

# Technical Specifications at a Glance



## Mechanical & Construction

Component	Specification
Support Frame	Steel sheet
Propeller	Polyamide 6 reinforced with fiberglass
Finish	Anti-corrosive polyester resin
Airflow Direction	Engine to propeller



## Electrical & Motor

Efficiency	IE-2 Standard
Motor Class	Class F with ball bearings
Protection	IP55 (IP54 for single-phase models 45-63)
Single-Phase Power	230V-50Hz
Three-Phase ( $\leq 5.5\text{HP}$ )	230/400V-50Hz
Three-Phase ( $> 5.5\text{HP}$ )	400/690V-50Hz



## Operational Parameters

Working Temperature	-25°C to +60°C
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# The Result: An Asset Built for Lasting Performance

The sum of these engineering choices is a powerful, reliable tool for managing your workplace environment.



## Durability & Reliability

From its steel frame and reinforced propeller to its protected motor and anti-corrosive finish, every component is built to withstand tough industrial work.



## Efficient Operation

The high-efficiency motor (IE-2) (IE-2) allows you to improve air quality and control temperature without driving up energy costs.



## Certified Safety

The UNE 100250 standard protective grid is a critical feature designed to keep personnel safe and ensure operational peace of mind.

# Help Us Help You

## Innovation in Protection.



The information provided is based on extensive practical experience and laboratory testing.  
We recommend practical tests to ensure compatibility for each specific application.