

Agrifirst Exhaust Fan

Agrifirst Exhaust Fan — heavy-duty greenhouse fan for fan & pad systems. High volume, corrosion-resistant. Climate control for polyhouse. Buy from Agrifirst.



3x better

cooling with 85% efficiency

4x improved

air quality with purification features

2x longer

lifespan with anti-mildew technology

ABOUT

Heavy-Duty Greenhouse Exhaust Fan — Powerful Ventilation for Fan & Pad Systems

Agrifirst Exhaust Fan is a heavy-duty, corrosion-resistant ventilation fan engineered for greenhouse fan & pad cooling systems. These high-volume fans create the negative pressure that draws cool, humid air through the evaporative cooling pads and across the entire growing area — the driving force behind polyhouse climate control during India's intense summers.

DESCRIPTION

Agrifirst Exhaust Fan is the power behind greenhouse climate control — a heavy-duty, high-volume fan that creates the air movement in fan & pad cooling systems. Installed on the wall opposite the cooling pads, these fans draw ambient air through the water-saturated pads, cool it by evaporation, pull it across the entire greenhouse, and exhaust the warmed air outside — maintaining temperatures 8–12°C below ambient.

Key Features

- **High Volume** — Moves massive air volumes for effective cooling across large greenhouse areas
- **Corrosion Resistant** — Frame and blades designed for humid, high-moisture greenhouse environments
- **Energy Efficient** — Optimized blade design maximizes airflow per watt of power consumed
- **Low Noise** — Balanced blades and vibration-dampened mounting for quiet operation
- **Direct Drive** — No belts to maintain or replace
- **Automatic Shutters** — Gravity-operated shutters close when fan stops, preventing reverse airflow

Technical Specifications

Fan Sizes	1000mm / 1400mm diameter
Drive	Direct-drive motor
Motor	Single-phase / Three-phase (application-dependent)
Frame	Galvanized steel / SS frame
Blades	Corrosion-resistant aluminium / FRP
Shutters	Gravity-operated automatic shutters
Application	Fan & pad cooling system exhaust, general greenhouse ventilation

GALLERY



AGRIFIRST - FARMERS FIRST

Plot E-7, Industrial Area, Kanpur - Lucknow Road,
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