

GREEN HOUSE FAN



MEMBER

Quality Speaks For Itself



GREEN HOUSE FAN

HUMIDIN GREEN HOUSE FAN

Greenhouse fans are specifically designed ventilation systems used to regulate the temperature and humidity levels inside various manufacturing industries and warehouse. Their primary function is to maintain a stable environment by ensuring proper Air moves and controlling heat buildup. In a greenhouse, temperature and humidity must be kept within optimal ranges to encourage healthy plant development and maximize crop yields. Greenhouse fans are essential for achieving this balance by facilitating air circulation, cooling, and humidity control.

FEATURES:

1. Air Circulation:

These fans improve air movement within the greenhouse, which is essential for ensuring that all plants receive adequate Air moves. Proper circulation helps prevent stagnant air pockets that could lead to poor plant growth and uneven temperature distribution.

2. Exhaust and Intake Options:

Exhaust fans are typically used to expel hot air and humidity from the greenhouse, while intake fans bring in fresh, cool air from the outside. Both types of fans work together to create a continuous Air moves, ensuring optimal conditions inside the greenhouse.

3. Durable Construction:

Greenhouse fans are often built with weather-resistant and corrosion-resistant materials like galvanized steel or plastic, ensuring they can withstand the humid and sometimes harsh environment inside a greenhouse. Durability is critical to ensure that the fans function effectively over many seasons.

4. Effective Cooling

Greenhouse fans are especially effective in providing cooling solutions during hot weather. They help reduce the buildup of heat and moisture, which could otherwise harm the plants by stressing them or promoting fungal diseases.

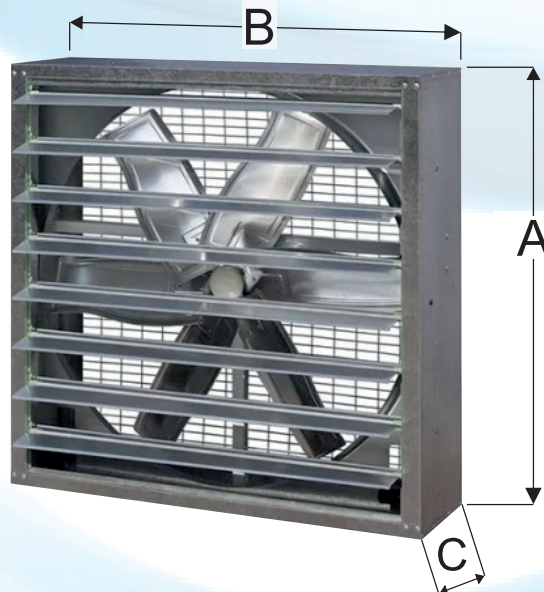
5. Protection Against Pests and Diseases:

Good Air moves provided by greenhouse fans can reduce the likelihood of plant diseases and pests by keeping the environment dry and preventing the formation of mold, mildew, or fungus. Proper ventilation is one of the best ways to create an unfavorable environment for many greenhouse pests.

APPLICATIONS:

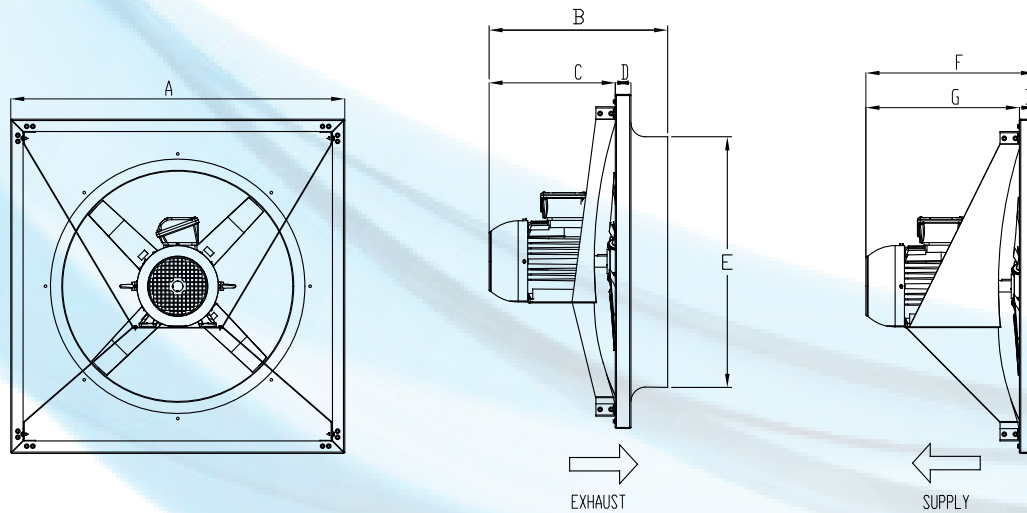
- Industrial Ventilation
- Commercial Crop Production
- Nurseries
- Hydroponic and Aquaphobic Systems
- Research Greenhouses

DIMENSION TABLE OF GREEN HOUSE FAN



GREEN HOUSE FAN									
ALL DIMENSIONS (IN MM)									
AIR VOLUME	MAX. STATIC PRESSURE	FAN TYPE	FAN DIA	MOTOR	SPEED	Sound	Height (A)	Width (B)	Thickness (C)
CFM	MM WG		MM	WATTS/HP	RPM	Db@3m	MM	MM	MM
10588	15	GREEN HOUSE	710	370	612	≤ 60 db	800	800	400
17647	15	GREEN HOUSE	900	750	513	≤ 60 db	1000	1000	400
21176	15	GREEN HOUSE	1100	1100	450	≤ 60 db	1220	1220	400
25882	15	GREEN HOUSE	1250	1100	460	≤ 60 db	1380	1380	400
32824	15	GREEN HOUSE	1400	1500	430	≤ 60 db	1530	1530	400
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE									

DIMENSION TABLE OF PROPELLER FAN WITH AL / PP IMPELLER



PROPELLER FAN WITH ALUMINIUM / PP IMPELLER												
Fan Size	A	B		C		D	E	F		G		Damper Size Sq.
MM	MM	Min.	Max.	Min.	Max.	MM	MM	Min.	Max.	Min.	Max.	MM
500	661	221	302	96	176	38	517	277	328	239	290	559
630	813	210	352	90	231	38	619	272	374	234	336	660
800	968	251	352	106	208	38	771	296	398	258	360	813
900	1105	251	442	87	279	38	924	315	507	277	469	965

NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE

PROPELLER FAN WITH ALUMINIUM / PP IMPELLER							
AIR VOLUME	MAX. STATIC PRESSURE	FAN TYPE	FAN DIA	MOTOR	SPEED	ELECTRICAL SPECIFICATION	SOUND
CFM	MM WG		MM	WATTS/HP	RPM	VOLTS / PH/HZ	Db@3m
5000	20	AXIAL	500	1.1 / 1.5	1440	440 / 3 / 50	68
7500	30	AXIAL	630	2.2 / 3.0	1440	440 / 3 / 50	65
9000	30	AXIAL	800	2.2 / 3.0	1440	440 / 3 / 50	75
16000	40	AXIAL	900	5.5 / 7.5	1440	440 / 3 / 50	75

AIR VOLUME	MAX. STATIC PRESSURE	FAN TYPE	FAN DIA	MOTOR	SPEED	ELECTRICAL SPECIFICATION	SOUND
CFM	MM WG		MM	WATTS/HP	RPM	VOLTS / PH/HZ	Db@3m
6000	20	AXIAL	500	1.1 / 1.5	1750	380 / 3 / 60	69
9000	30	AXIAL	630	2.2 / 3.0	1750	380 / 3 / 60	67
10800	30	AXIAL	800	2.2 / 3.0	1750	380 / 3 / 60	76
19200	40	AXIAL	900	5.5 / 7.5	1750	380 / 3 / 60	76

HUMIDIN

Sales & Marketing Department

North India: (Ventilation Dept.)
Phone: +91-9654400710
Email Id: tc@humidin.com

East India: (Ventilation Dept.)
Phone: +91-9654551093
Email Id: tceast@humidin.com

West India: (Ventilation Dept.)
Phone: +91-9654551015
Email id: tcwest@humidin.com

South India: (Ventilation Dept.)
Phone: +91-9654781452
Email Id: tcsouth@humidin.com

All India: (Air Handling Unit Dept.)
Phone: +91-9654557807
Email Id: ahu@humidin.com

After Sales Service Department (24x7)
Phone: +91-9654452926
Email Id: service@humidin.com

COUNTRIES:

RIYADH:
Email Id: riyadh@humidin.com

EGYPT:
Email Id: egypt@humidin.com



HR Department
Phone: +91-7290065533
Email Id: hr@humidin.com
hrmanager@humidin.com

Finance Department
Phone: +91-9654452925
Email Id: accounts@humidin.com

The intention of this brochure is to introduce you to, and acquaint you with the capabilities of the HUMIDIN organization in the offered product areas. It will not answer all your immediate questions, and indeed, it will no doubt raise others. We welcome your interest in our products and shall be very pleased to provide further information.

GUARANTEES

HUMIDIN guarantees its products to be free of defects in materials and workmanship for a period of one year from the date of delivery from the factory, provided motors are properly installed with overload protector. Humidin agrees to repair or replace defective parts or part to be returned to the factory, all transportation charges prepaid. Humidin does not guarantee against abrasion, corrosion or erosion. Humidin shall not be held responsible for any charges in connection with the removal or replacement of alleged defective equipment nor for incidental consequential damages

A.C HUMIDIN AIR SYSTEMS PVT.LTD.

Plot C18, Tronica City Industrial Area
Loni Dist. -201102