



Eco Shutter Exhaust Fan



Aluminum Shutter Fans

Shutter fans come in size 12"-16"-20"-24"-36".

Shutter fans are excellent in greenhouses, factories, welding shops and warehouses.

Remove unwanted moisture, odor, and fumes with performance shutter fans. Improve inside air quality.

Variable speed shutter fans are designed to work in the harshest of environments

Small model 12" shutter fan is used for general ventilation in work areas, lavatories, kitchens or other low-volume general ventilation applications.

Shutter Fans are available without a cord, or pre-wired a cord and plug for "No Electrician Required" installation (option).

Fans ship fully assembled, so you're up and running in few minutes!

FEATURES:

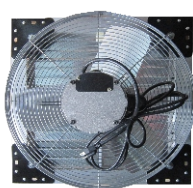
- Smooth and quiet operation.
- Ships fully assembled out of the box.
- Balanced 3 blades aluminum 12" to 24" propeller with zinc plated steel hub.
- Powder coated guard for easy cleaning and meets OSHA 1910.212(a) (5) requirements to mount at any height on inlet side of fan. (When mounted, shutter side should be 7' above ground.)
- High efficiency and corrosion resistant aluminum shutter with tie bar to reduce shutter flapping and opening on windy days.
- 3 year warranty on motor and 1 year limited warranty on all other parts.

MOTOR FEATURES:

- Motor are fully enclosed, maintenance-free, direct drive high-efficiency motors feature sealed ball bearings.
- Motor is CE-CSA/UL approved.
- Direct Drive.
- 50/60 hz
- Rotors have been balanced to reduce noise vibration and prolong life.
- Copper windings and class F insulation.
- Bearing specifications -40°C to 140°C.
- Bearing seal and lip seal protect motor from humidity and dust.
- Capacitor rating 450vac, 10,000 hours.
- Silicon steel rotor and stators.
- IP54 dust and moisture protection.

OPTION:

* Models with cord have 3-prong plug and are pre-wired for 115 Volts. No electrician required!



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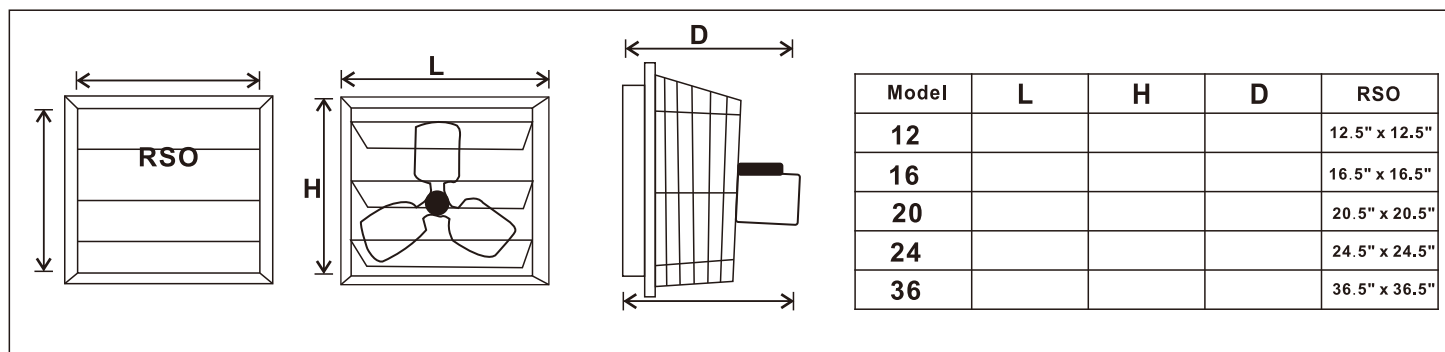
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FEATURE POINTS



PICTURE APPLICATION



*Picture for reference only.

CONFIGURATIONS & PERFORMANCE DATA

Part No	Size	Power	Volts	Amps	Hz	Poles	Spd	CFM	M³/hr
84-2201-0	12	1/10	230	0.91	50	4	var	1000	1700
84-2231-0	16	1/10	230	0.91	50	4	var	1400	2380
84-2251-0	20	1/3	230	2.40	50	4	var	3100	5270
84-2261-0	24	1/2	230	3.01	50	4	var	4500	7650
84-2271-0	36	1/2	230	3.94	50	8	1	8000	13600

*Several model are available, variable speed with optional control or built-in speed switches 2-3speed or one speed on/ off.

*For complete description and detail please call now.

The products show in this brochure are covered by a limited warranty.

Due to our continual effort to provide better products and service; literature, products, performance data, prices and availability are subject to change without notice.

Additional information is available at www.topcool.co

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