



# MAX-AIR

## Fiberglass Exhaust Fan



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# MAX-AIR | Fiberglass Exhaust Fans



## MODEL 36, 50 & 72

The MAX-AIR is a high output and high efficiency fiberglass exhaust fan. The MAX-AIR-72 fan produces an astounding 65,000 CFM.

The thick fiberglass housing is strong, corrosion resistant and easy to clean. MAX-AIR fiberglass discharge cone does not stick out as far as conventional exhaust fans. This reduces the wind scoop effect of the large cones which significantly affects the performance of the fan when wind blows against the fan. Most roofs overhangs extend over MAX-AIR fans, as opposed to other cones sticking out, thus putting them at risk of shear-off or damage from falling snow or heavy rain.

## VERY EFFICIENT LOW POWER CONSUMPTION

### Options

- Optional variable frequency drive allowing for a smooth speed adjustment from 120 RPM up to 400 RPM. Fan power consumption decreases with speed.
- Optional winter cover or insulated shutters available for severe winter conditions.

## INNOVATIVE DESIGN FOR HIGH PERFORMANCE

- Balanced heavy duty corrosion resistant 6 aluminum blades.
- Extremely quiet operation at all speeds.
- Automatic belt tensioner.
- Totally enclosed motor high efficient.
- Easy to remove and to clean shutter design.
- Heavy corrosion resistant fiberglass housing.
- Shipped fully assembled except of discharge cone and guard.
- Heavy duty pulley and bearing assembly kit.
- Heavy power coat steel motor mount straightens the air as it is propelled through the venturi.
- Optional variable frequency drive increases bearing, belt and motor life.



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## TECHNICAL SPECIFICATIONS

MODEL	MAX-AIR 36		MAX-AIR 50		MAX-AIR 72		
Dimension	0.91 m (36")		1.27 m (50")		1.83 m (72")		
Motor Power	0.56 kw (3/4 HP)		1.12 kw (1.5 HP)		2.24 kw (3.0 HP)		
Phase	1	3	1	3	1	3	3
Voltage	115/230	208-230/460	115/230	208-230/460	230	208-230/460	575
Current (Amp) <sup>1</sup>	11/5.5	2.6-3/1.5	15.2/7.6	5-4.8/2.3	13.2	8.6-8/4.3	3.2
Speed	Single	Variable	Single	Variable	Single	Variable	Variable
RPM	400	120 @ 400	400	120 @ 400	300	100 @ 300	100 @ 300
Shutters	PVC				Aluminium & PVC		
Fan Frame	Steel Powder Coated						
Blades	6x Aluminium						
Rough wall opening	1.10 m x 1.10 m (43-1/4" x 43-1/4")		1.41 m x 1.41 m (55-1/2" x 55-1/2")		2.00 m x 2.00 m (78-1/2" x 78-1/2")		
<b>0" SP</b>							
Air flow <sup>2</sup>	340 m <sup>3</sup> /min (12 000 CFM)		750 m <sup>3</sup> /min (26 500 CFM)		1840 m <sup>3</sup> /min (65 000 CFM)		
Efficiency	0.60 m <sup>3</sup> /min (21 CFM) per Watt		0.71 m <sup>3</sup> /min (25 CFM) per Watt		0.85 m <sup>3</sup> /min (30 CFM) per Watt		
<b>0.05" SP</b>							
Air flow <sup>2</sup>	315 m <sup>3</sup> /min (11 150 CFM)		711 m <sup>3</sup> /min (25 125 CFM)		1615 m <sup>3</sup> /min (57 000 CFM)		
Efficiency	0.51 m <sup>3</sup> /min (18 CFM) per Watt		0.66 m <sup>3</sup> /min (23 CFM) per Watt		0.74 m <sup>3</sup> /min (26 CFM) per Watt		

1. The AMP values depend on the motor manufacturer
2. MAX-AIR 72 fan performance independantly tested

All belt drive  
Available motors: 50 or 60 hertz



## Applications

- Ideal for tunnel and exhaust ventilation in dairy, poultry, swine, greenhouse and industrial application.
- MAX-AIR large volume output means fewer fans are required, thus reducing installation cost.
- When using the optional variable frequency drive, the MAX-AIR fan can be run with variable speed meeting both minimum and maximum ventilation requirements for large buildings.

Ventec Canada has been specializing in agricultural ventilation for over 20 years.

As a dynamic and innovative company, Ventec designs natural and mechanical ventilation systems improving air quality in agricultural buildings. Constantly innovating, Ventec Canada develops energy efficient systems for farm animals better comfort and productivity.

Ventec Canada has been a major player on the International market for many years. Ventec Canada stands by the commitment to excellence and the expertise of its team. Whether you want to improve existing installations or undertake new projects, you can count on our team of experts.

**Contact us for more information or  
to locate our nearest distributor.**

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