

# Why choose a Max-Air® ?

Tunnel and low profile cross ventilation systems move air at fast enough speeds to provide convective cooling of animals during heat waves. It's important to select quality heavy-duty and efficient fans, which is why we developed the Max-Air® capable of delivering better performance under livestock conditions. We've taken into account animal comfort, low energy consumption, static pressure, and temperature variations to create the MAX-AIR® product range.

The MAX-AIR® is a high-output and high-efficiency exhaust fan. The sturdy fiberglass housing is corrosion resistant and easy to clean. MAX-AIR® discharge cone does not extend out as far as conventional exhaust fans, leaving them under most roof overhangs. This puts them less at risk of shear-off or damage from falling snow or heavy rain.



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# MAX-AIR®

EXHAUST FANS

[www.ventec.ca](http://www.ventec.ca)



# MAX-AIR®

EXTRACTION VENTILATORS



Single speed or variable



6 balanced, heavy duty, aluminum blades, corrosion resistant



Extremely quiet



Automatic belt tensioner



Low energy consumption



Max-Air®36

36"



Max-Air®50

50"



Max-Air®72

72"

|                         | 36 " (0.91 M)                            |         | 50 " (1.27M)                             |           | 72 " (1.83 M)                            |           |           |
|-------------------------|--|---------|--|-----------|--|-----------|-----------|
| <b>DIMENSIONS</b>       | 36 " (0.91 M)                            |         | 50 " (1.27M)                             |           | 72 " (1.83 M)                            |           |           |
| <b>POWER</b>            | 3/4 HP (0.56KW)                          |         | 1.5 HP (1.12 KW)                         |           | 3 HP (2.2 KW)                            |           |           |
| <b>PHASE</b>            | 1  | 3       | 1  | 3         | 1  | 3         | 3         |
| <b>CURRENT (V)</b>      | 115/230                                  | 230/460 | 115/230                                  | 230/460   | 230                                      | 230/460   | 575       |
| <b>INTENSITY (A)</b>    | 11/5.5                                   | 3.0/1.5 | 15.2 / 7.6                               | 4.5 / 2.2 | 13                                       | 8 / 4     | 3,2       |
| <b>SPEED</b>            | SIMPLE                                   |         | SIMPLE                                   |           | SIMPLE                                   |           |           |
| <b>RPM</b>              | 400                                      | 120-400 | 400                                      | 120 - 400 | 329                                      | 100 - 329 | 100 - 329 |
| <b>SHUTTERS</b>         | PVC                                      |         | PVC                                      |           | ALUMINIUM / PVC                          |           |           |
| <b>FAN FRAME</b>        | POWDER COATED STEEL                      |         | POWDER COATED STEEL                      |           | POWDER COATED STEEL                      |           |           |
| <b>BLADES</b>           | 6 ALUMINUM BLADES                        |         | 6 ALUMINUM BLADES                        |           | 6 ALUMINUM BLADES                        |           |           |
| <b>OPENING REQUIRED</b> | 43-1/4 " X 43-1/4 " (1.10M X 1.10M)      |         | 55-1/2 " X 55-1/2 " (1.41M X 1.41M)      |           | 78-1/2 " X 78-1/2 " (2.00 MX 2.00 M)     |           |           |
| <b>0" SP</b>            |  |         |  |           |  |           |           |
| <b>AIR FLOW</b>         | 12 000 CFM<br>(20 388 M <sup>3</sup> /H) |         | 24 100 CFM<br>(40 946 M <sup>3</sup> /H) |           | 49 167 CFM<br>(83 535 M <sup>3</sup> /H) |           |           |
| <b>CFM/W</b>            | 21                                       |         | 14.8                                     |           | 22.6                                     |           |           |
| <b>0.10" SP</b>         |  |         |  |           |  |           |           |
| <b>AIR FLOW</b>         | 10 196 CFM<br>(17 323 m <sup>3</sup> /H) |         | 21 400 CFM<br>(36 358 m <sup>3</sup> /H) |           | 44 603 CFM<br>(75 781 m <sup>3</sup> /H) |           |           |
| <b>CFM/W</b>            | 16                                       |         | 12.5                                     |           | 18.1                                     |           |           |

1. The motor current may vary depending on the manufacturer's standards.
2. Indicated speed (RPM) is nominal. Performance is based on actual test speed.
3. Performance results include the resistance caused by cone, grid and shutters.