The Cyclone Plus perform 44,562 CFM with 24.2 CFM per Watt and 24.1 lbf per kW. At nominal speed of 304 RPM with three phase 230/460V - 60Hz motor.

- The Cyclone Plus is quieter.
- Less loss of air at the sides of the fan.
- Includes an automatic belt tensioner.
- The outlet air is more in line with the fan.
- The Cyclone Plus is better balanced, thus less vibrations.
- The belt change is easily done without removing the propeller.

For the last 25 years VENTEC CANADA helps its customers in animal production to optimize the efficiency of their operations.

VENTEC CANADA products reduce animal stress due to temperature change, diseases, injuries and mortality through innovative solutions for effective ventilation, patented and durable.

The accessibility of VENTEC CANADA products is via an international distribution network.

Contact us to get your nearest supplier
Recirculation Fan

One of our most versatile products is the Cyclone Plus variable speed fiberglass recirculation fan. Traditional ceiling fans slowly push the hot air from the ceiling down to the floor. The Cyclone Plus can do this on low speed and as the speed increases; it creates air velocity for maximum air flow and cooling.

Applications

In dairy barns, Cyclone Plus creates very high air velocity for animal cooling, insect control, bed drying and employee comfort. Cyclone Plus unique airfoil deflectors direct the air over and under the animals. One Cyclone Plus can replace up to eight 36” basket fans and while using only half the power. On low speed, you have an ideal winter fan for re-circulating air throughout the building, reducing humidity and recapturing trapped heat at the ceiling level.

High Performance and Innovative Design

- Adjustable airfoil deflectors optimize air flow distance and direction.
- Performance enhancing intake fiberglass cone.
- Balanced heavy duty corrosion resistant six-paddle aluminum blades.
- Destratifying air at low speed, covering over 6,000 square feet.
- Optional variable frequency drive allowing smooth speed adjustments from 60 RPM to 245 RPM.
- Extremely quiet operation on every speed.
- Automatic belt tensioner.

Features

- Corrosion resistant fiberglass housing.
- Can be mounted on steel post, building column or suspended from the ceiling (all optional mounts).
- Optional variable frequency drive.
- 3.4 MPH at 100 ft (1.5m/sec).

Technical Specification

<table>
<thead>
<tr>
<th></th>
<th>1.83m (72&quot;)</th>
<th>3.0 HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propeller dimension</td>
<td>1.83m (72&quot;)</td>
<td>3.0</td>
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<tr>
<td>Phase</td>
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<td>3</td>
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<tr>
<td>Voltage</td>
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<td>208</td>
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<tr>
<td>Amperage *</td>
<td>13.2</td>
<td>8.6</td>
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<td>Speed</td>
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<td>Variable</td>
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<tr>
<td>RPM</td>
<td>304</td>
<td>60 @ 304</td>
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<tr>
<td>Fan</td>
<td>Corrosion Resistant Steel</td>
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<tr>
<td>Deflectors</td>
<td>100% PVC</td>
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<tr>
<td>Blades</td>
<td>6-Aluminium</td>
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<tr>
<td>Air Flow**</td>
<td>1,260 m³/min (44,562 CFM)</td>
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<tr>
<td>Efficiency</td>
<td>0.68 m³/min (24.2 CFM) per Watt (24.1 lbf) per kW</td>
<td></td>
</tr>
</tbody>
</table>

* The Amps values depend on the motor manufacturer
* Available motors: 50 or 60 hertz
* The AMCA Certified Ratings Seal applies to airflow rate at free delivery only.
* Speed (RPM) shown is nominal. Performance is based on actual speed of test.
* Only performance for three phase motor 230/460V - 60Hz motor.

The advantages of Cyclone Plus

- The Cyclone Plus perform 44,562 CFM with 24.2 CFM per Watt and 24.1 lbf per kW. At nominal speed of 304 RPM with three phase 230/460V - 60Hz motor.
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Diagram of the Air Flow Fan

Figure 1 - Pattern of wind speed (ft / min)
the new version of the Cyclone Plus fan maximum speed at 5 feet above ground.

Figure 2 - Pattern of wind speed (ft / min)
the previous version of the Cyclone fan maximum speed at 5 feet above ground.

* This data is not AMCA certified