Project Number: 03054bd

Fan
Make: Big Dutchman
Model #: 60-36-5257
Manufacturer: Canarm
Blade Size: 36” dia.
Orifice Dia.: 37”
Blade
Number: 4
Shape: propeller
Material: galvanized steel
Pitch: -
Clearance: 0.5”

Shutter
Material: plastic
# of Doors: 13 per column
# of Columns: 2
Door Length: 20.1”
Location: intake

Other Attachments:

Test Date: April 30, 2003

Motor
Make: Marathon
Model #: AWA56T17T5600A
H.P.: 1/2
Amps: 2.0-1.8/0.9 60Hz
1.8-2.0/.9-1.0 50 Hz
Volts: 208-230/460 60 Hz
190-240/380-480 50 Hz
RPM: 1725/1425
S.F.: 1.00

Drive
Drive Pulley Dia. 3.3” o.d.
Axle Pulley Dia.: 10” o.d.

Housing
Material: galvanized steel
Intake Area: 40” x 42”
Discharge Area: 37” dia.
Depth: 34” top
25.5” bottom

Guards
Description: wire
Spacing: 2” x 2”
Location: exhaust
## TEST RESULTS

**BIG DUTCHMAN 60-36-5257**

<table>
<thead>
<tr>
<th>Static Pressure</th>
<th>Speed</th>
<th>Airflow</th>
<th>Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>in. water</td>
<td>rpm</td>
<td>cfm</td>
<td>cfm/Watt</td>
</tr>
<tr>
<td><strong>3 phase</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.00</td>
<td>537</td>
<td>10,250</td>
<td>23.0</td>
</tr>
<tr>
<td>0.05</td>
<td>536</td>
<td>9,340</td>
<td>20.5</td>
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<tr>
<td>0.10</td>
<td>536</td>
<td>8,170</td>
<td>17.0</td>
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<tr>
<td>0.15</td>
<td>535</td>
<td>6,150</td>
<td>12.3</td>
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<tr>
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<td>534</td>
<td>3,990</td>
<td>7.8</td>
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<tr>
<td>0.25</td>
<td>533</td>
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</tr>
<tr>
<td>0.30</td>
<td>530</td>
<td>1,330</td>
<td>2.2</td>
</tr>
</tbody>
</table>

**Fan description:**
- 36” belt drive, ½ hp Marathon AWA56T17T5600A motor, galvanized steel slant housing, plastic shutter and guard