Project Number: 03052bd

Fan
Make: Big Dutchman
Model #: 60-36-5259
Manufacturer: Canarm
Blade Size: 36” dia.
Orifice Dia.: 37”

Blade
Number: 3
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: FHP
Model #: M099838
H.P.: 1/2
Amps: 6.0/3.0
Volts: 115/230
RPM: 850
S.F.: 1.15

Drive
Drive Pulley Dia.: direct
Axle Pulley Dia.: drive

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  60-36-5259

<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>0.00</td>
<td>855</td>
<td>10,720</td>
<td>21.5</td>
</tr>
<tr>
<td>0.05</td>
<td>851</td>
<td>10,050</td>
<td>19.3</td>
</tr>
<tr>
<td>0.10</td>
<td>845</td>
<td>9,280</td>
<td>16.9</td>
</tr>
<tr>
<td>0.15</td>
<td>840</td>
<td>8,460</td>
<td>14.7</td>
</tr>
<tr>
<td>0.20</td>
<td>835</td>
<td>7,630</td>
<td>12.8</td>
</tr>
<tr>
<td>0.25</td>
<td>827</td>
<td>6,460</td>
<td>10.3</td>
</tr>
<tr>
<td>0.30</td>
<td>818</td>
<td>4,850</td>
<td>7.2</td>
</tr>
</tbody>
</table>

Fan description: 36” direct drive, ½ FHP M099838 motor, galvanized steel slant housing, plastic shutter and guard