Project Number: 96262bd
Test Date: October 19, 1996

Fan
Make: Big Dutchman
Model #: 60-36-5402
Manufacturer: Canarm
Blade Size: 36"
Orifice Dia.: 36.8"

Blade
Number: 3
Shape: propeller
Material: galv. steel
Pitch: -
Clearance: 0.4"

Shutter
Material: Plastic
# of Doors: 11 per row
# of Columns: 2
Door Length: 19.8"
Location: intake

Other Attachments:

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: plastic/galv
Intake Area: 40" x 40"
Discharge Area: 38.5" o.d.
Depth: 19"

Guards
Description: wire mesh
Spacing: 2" x 2"
Location: exhaust
## Test Results

**BIG DUTCHMAN 60-36-5402**  
Test: 96262bd  

<table>
<thead>
<tr>
<th>Static Pressure</th>
<th>Speed</th>
<th>Airflow</th>
<th>Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>in. water</strong></td>
<td><strong>rpm</strong></td>
<td><strong>cfm</strong></td>
<td><strong>cfm/Watt</strong></td>
</tr>
<tr>
<td>0.00</td>
<td>836</td>
<td>12,680</td>
<td>22.4</td>
</tr>
<tr>
<td>0.05</td>
<td>827</td>
<td>11,830</td>
<td>19.8</td>
</tr>
<tr>
<td>0.10</td>
<td>817</td>
<td>10,920</td>
<td>17.1</td>
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<tr>
<td>0.15</td>
<td>805</td>
<td>9,850</td>
<td>14.7</td>
</tr>
<tr>
<td>0.20</td>
<td>783</td>
<td>7,960</td>
<td>10.9</td>
</tr>
</tbody>
</table>

Fan description:  
36" direct drive, ½ hp FHP M099838 motor,  
plastic housing w/slant kit, plastic shutter  
and guard