Project Number: 95327V
Test Date: November 16, 1995

**Fan**

Make: Val

Model #: VAPMC-1631

Serial #: -

Manufacturer: -

Blade Size: 16" dia.

Orifice Dia.: 16.3"

**Motor**

Make: Magnetek

Model #: HF2F028N

Serial #: -

H.P.: 1/4

Amps: 1.5

Volts: 230

**Blade**

Number: 4

Shape: propeller

Material: plastic

Pitch: 35

Clearance: 0.2"

Hub Diameter: -

**Housing**

Material: plastic

Intake Area: 20.4"x20.4"

Discharge Area: 16.3" dia.

Depth: 17" top

16" bottom

**Shutter**

Material: plastic

Number Doors: 7

Number Rows: 1

Door Length: 21.3"

Location: intake

**Guards**

Description: wire

Spacing: 1.3" concentric

Location: exhaust

**Other Attachments**
## TEST RESULTS

### VAL VAPMC-1631

<table>
<thead>
<tr>
<th>Test: 95327V</th>
<th>Static Pressure</th>
<th>Speed</th>
<th>Airflow</th>
<th>Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in. water</td>
<td>rpm</td>
<td>cfm</td>
<td>cfm/Watt</td>
</tr>
<tr>
<td>0.00</td>
<td>1699</td>
<td>3140</td>
<td></td>
<td>14.0</td>
</tr>
<tr>
<td>0.05</td>
<td>1694</td>
<td>3040</td>
<td></td>
<td>13.2</td>
</tr>
<tr>
<td>Fan description:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16” direct drive, 1/4 hp Magnetek HF2F028N motor, plastic housing, plastic shutter, guard and discharge cone</td>
<td>0.10</td>
<td>1688</td>
<td>2920</td>
<td>12.3</td>
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<tr>
<td>0.15</td>
<td>1682</td>
<td>2790</td>
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<td>11.4</td>
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<td>1676</td>
<td>2650</td>
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<td>2490</td>
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<tr>
<td>0.30</td>
<td>1666</td>
<td>2300</td>
<td></td>
<td>8.8</td>
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