Model Rhino Duct Leakage Tester

The Rhino model has been engineered for the most demanding jobs. It includes everything you need to perform a professional duct leakage test. Unit can measure from 9 to 1700 cfm of air leakage (see table below).

**Standard Features:**
- 230v/1ph/21A (max) operation.
- Simple precision variable speed controller.
- Press RUN and rotate knob to speed up or down.
- 12.5 ft of 8-inch diameter flex-duct (not shown).
- 20 ft of pressure tubing.
- Set of six (1” to 6”) orifice plates with +/- 2% error.
- NEW easy to change Twist-Lock orifice plates.
- Certified calibration certificate for each orifice plate.
- Simple to use analog gauges.
- No-flat tires and upper locking casters for horizontal transport and usage.

**Options:**
- Digital pressure gauges.
- 230v/3ph operation with variable speed controller.
- Low-flow orifice plate for 1 to 10 cfm applications.
- Smoke machine.
- Dust cover.

**Compliant with Following Standards:**
- EN 1507, Ventilation for Buildings - Sheet Metal Air Ducts with Rectangular Section - Requirements for Strength and Leakage.
- EN 12237, Ventilation for Buildings - Ductwork - Strength and Leakage of Circular Sheet Metal Ducts.
- Eurovent 2/2, Leakage Rate in Sheet Metal Air Distribution Systems.
- DW/143, Ductwork Leakage Testing.

**Leakage Capacity of Orifice Plates**

<table>
<thead>
<tr>
<th>Test Pressure (in.wg.)</th>
<th>1-inch Plate</th>
<th>2-inch Plate</th>
<th>3-inch Plate</th>
<th>4-inch Plate</th>
<th>5-inch Plate</th>
<th>6.25-inch Plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.25</td>
<td>9</td>
<td>50</td>
<td>37</td>
<td>200</td>
<td>85</td>
<td>440</td>
</tr>
<tr>
<td>2</td>
<td>9</td>
<td>45</td>
<td>37</td>
<td>185</td>
<td>85</td>
<td>410</td>
</tr>
<tr>
<td>4</td>
<td>9</td>
<td>41</td>
<td>37</td>
<td>165</td>
<td>85</td>
<td>375</td>
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<td>6</td>
<td>9</td>
<td>38</td>
<td>37</td>
<td>155</td>
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<td>8</td>
<td>9</td>
<td>35</td>
<td>37</td>
<td>140</td>
<td>85</td>
<td>310</td>
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<td>10</td>
<td>9</td>
<td>30</td>
<td>37</td>
<td>120</td>
<td>85</td>
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<td>9</td>
<td>19</td>
<td>37</td>
<td>75</td>
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<td>13</td>
<td>37</td>
<td>55</td>
<td>85</td>
<td>120</td>
</tr>
</tbody>
</table>

Using flex-duct will reduce the capacities listed.