PANTHER Duct Leakage Tester

The Panther 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). Simple and easy to operate, you control the test.

**Standard Features:**

- 230v/1ph/16A operation (50/60 Hz).
- Simple precision variable speed controller.
- Press RUN and rotate knob to speed up or down.
- 12.5 ft of 6” diameter flex-duct (not shown).
- 20 ft of pressure tubing.
- Set of five 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.
- 115v/1ph/30A operation (no variable speed).
- 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</th>
<th>2-inch</th>
<th>3-inch</th>
<th>4-inch</th>
<th>5-inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.10</td>
<td>5</td>
<td>50</td>
<td>25</td>
<td>200</td>
<td>50</td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>45</td>
<td>25</td>
<td>190</td>
<td>50</td>
</tr>
<tr>
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<td>5</td>
<td>40</td>
<td>25</td>
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<td>150</td>
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<td>100</td>
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<td>15</td>
<td>25</td>
<td>55</td>
<td>50</td>
</tr>
</tbody>
</table>

*-Using flex-duct will reduce the capacities listed. **-unit can test pressures down to 0.10 in.wg.