COBRA Duct Leakage Tester

The Cobra model duct leakage tester has been engineered to handle the most common commercial jobs. This duct leakage tester includes everything you need to perform a professional duct leakage test. Each tester can measure from 4 to 320 L/s of air leakage depending on test pressure. Use the table below to assist with matching tester/plate performance to your requirements.

Standard Features:

- 230v/1ph/8A/50-60Hz operation.
- Precision variable speed controller.
- 3.8m of 125mm diameter flex-duct (not shown).
- 6m of pressure tubing.
- Set of four (25 to 100mm) 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
- Low-flow ½” orifice plate for 0.5 to 5 L/s applications.
- Smoke machine.
- Dust cover with zippered front access.
- 115V/1ph/15A/50-60Hz (w/ speed controller).

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 (Pa)</th>
<th>Capacity of Orifice Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25mm</td>
</tr>
<tr>
<td></td>
<td>Min Flow (L/s)</td>
</tr>
<tr>
<td>25</td>
<td>4.2</td>
</tr>
<tr>
<td>250</td>
<td>4.2</td>
</tr>
<tr>
<td>500</td>
<td>4.2</td>
</tr>
<tr>
<td>1000</td>
<td>4.2</td>
</tr>
<tr>
<td>1500</td>
<td>4.2</td>
</tr>
<tr>
<td>2000</td>
<td>4.2</td>
</tr>
<tr>
<td>2250</td>
<td>4.2</td>
</tr>
</tbody>
</table>

Minimum flow based on 100 Pa pressure drop across orifice plate. Customer may choose to measure smaller pressures.