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. Unit can measure from 9 to 680 cfm of air leakage (see table below).

**Standard Features:**

- 115v/1ph/15A operation.
- Precision variable speed controller.
- 12.5 ft of 5-inch diameter flex-duct (not shown).
- 20 ft of pressure tubing.
- Set of four (1" to 4") orifice plates with +/- 2% error.
- Certified calibration certificate for each orifice plate.
- NEW easy to change Twist-Lock orifice plates.
- 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 1 to 10 cfm.
- Smoke machine.
- Dust cover with zippered front access.
- 230v/1ph/8A/50-60Hz (w/ speed controller).
- Inlet slide gate for flow control (no 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 (in.wg.)</th>
<th>1-inch Plate</th>
<th>Recommended Flow Range of Orifice Plate</th>
<th>2-inch Plate</th>
<th>3-inch Plate</th>
<th>4-inch Plate</th>
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<tbody>
<tr>
<td>0.10</td>
<td>9</td>
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</table>

Minimum flow based on 0.40 in.wg. pressure drop across orifice plate. Customer may choose to measure smaller pressures.

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