

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.
- Digital gauges.
- No-flat tires and upper locking casters for horizontal transport and usage.

Options:

- Analog pressure gauges.
- 115v/1ph/30A operation (no variable speed).
- Low-flow orifice plate for 1 to 10 cfm applications.
- Smoke machine.
- Dust cover.
- 25 feet length of flex-duct.

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.
- SMACNA Air Duct Leakage Test Manual.



Leakage Capacity of Orifice Plates

Test Pressure** (in.wg.)	Capacity of Orifice Plates*									
	1-inch		2-inch		3-inch		4-inch		5-inch	
	Min Flow (cfm)	Max Flow (cfm)	Min Flow (cfm)	Max Flow (cfm)	Min Flow (cfm)	Max Flow (cfm)	Min Flow (cfm)	Max Flow (cfm)	Min Flow (cfm)	Max Flow (cfm)
0.10	5	50	25	200	50	400	105	900	190	1400
2	5	45	25	190	50	390	105	820	190	1320
4	5	40	25	170	50	350	105	740	190	1210
6	5	35	25	150	50	310	105	655	190	1065
8	5	30	25	130	50	265	105	550	190	875
10	5	25	25	100	50	205	105	425	190	615
12	5	15	25	55	50	120	105	245	190	270

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