

## 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 2 to 625 L/s 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.
- 3.8m of 150mm diameter flex-duct (not shown).
- 6m 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 0.3 to 2.5 L/s 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.
- SMACNA Air Duct Leakage Test Manual.



Tester shown with optional digital gauges

## Leakage Capacity of Orifice Plates

Test Pressure** (Pa)	Capacity of Orifice Plates*									
	25mm		50mm		75mm		100mm		125mm	
	Min Flow (L/s)	Max Flow (L/s)	Min Flow (L/s)	Max Flow (L/s)	Min Flow (L/s)	Max Flow (L/s)	Min Flow (L/s)	Max Flow (L/s)	Min Flow (L/s)	Max Flow (L/s)
500	2.4	21	12	90	24	185	50	385	90	625
1000	2.4	19	12	80	24	165	50	350	90	570
1500	2.4	17	12	70	24	145	50	310	90	500
2000	2.4	14	12	60	24	125	50	260	90	415
2500	2.4	12	12	50	24	95	50	200	90	290
3000	2.4	7	12	25	24	55	50	115	90	125

\*-Using flex-duct will reduce the capacities listed. \*\*-unit can test pressures you can test down to 25Pa.