

## Model Rhino Duct Leakage Tester

The Rhino 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 4 to 802 L/s of air leakage (see table below). Simple and easy to operate, you control the test.

### Standard Features:

- 230v/1ph/21A operation (50/60 Hz).
- Simple precision variable speed controller.
- Press RUN and rotate knob to speed up or down.
- 3.8m of 200mm diameter flex-duct (not shown).
- 6m of pressure tubing.
- Set of six (25 to 155mm) 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.
- 230v/3ph operation with variable speed controller.
- Low-flow orifice plate for 0.5 to 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 standard analog gauges

## Leakage Capacity of Orifice Plates

Test Pressure (Pa)	Capacity of Orifice Plates											
	25mm		50mm		75mm		100mm		125mm		155mm	
	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)	Min Flow (L/s)	Max Flow (L/s)
62	4	24	17	94	40	208	76	396	123	595	215	802
500	4	21	17	87	40	193	76	370	123	559	215	731
1000	4	19	17	78	40	177	76	340	123	519	215	670
1500	4	18	17	73	40	165	76	311	123	477	215	628
2000	4	17	17	66	40	146	76	278	123	427	215	559
2500	4	14	17	57	40	127	76	243	123	380	215	488
3500	4	9	17	35	40	80	76	153	123	241	215	311
4000	4	6	17	26	40	57	76	106	123	172	215	227

Using flex-duct will reduce the capacities listed.