

## Model Rhino Duct Leakage Tester



The RHINO has been engineered for the most demanding jobs. The RHINO includes everything you need to perform a professional duct leakage test. Each tester comes with one calibrated orifice plate, your choice. Additional plates may be purchased separately. Use the table below to assist with matching tester/plate performance to your particular needs

### Standard Features:

- Unit is fully assembled and ready for use
- 3.8m of 203mm diameter flex-duct (not shown)
- 6.1m of clear pressure tubing
- 5hp, 50/60Hz, 3ph motor wired for 240 or 480V
- Choice of one orifice plate with +/- 2% error
- Certified calibration certificate
- Inlet slide gate for flow control
- Simple to use Magnehelic gauges

### Options:

- Digital pressure gauges.
- Variable speed controller for precise speed control when testing at lower pressures or leakage.
- 240v, 1ph input for jobs where 3ph power is unavailable; includes variable speed controller.
- Additional orifice plates.

### 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

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.