

Comparison Sheet

Retrotec Model 450x

Large Building DucTester



The Gold Standard
of Large Building Duct Testers.



Remarkably
Lightweight



Easy to Learn
& Use



Reporting Software
Available



Fast Setup
& Teardown



retrotec

9.5 kg



Competing Unit
45 kg



Competing Unit
54 kg



Competing Unit
75 kg



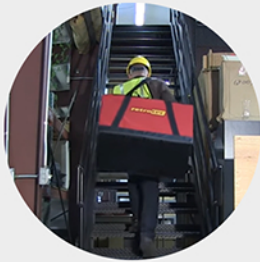
Competing Unit
90+ kg

Manufacturer	Model	Weight	Size	Max flow @ 250 Pa	Max flow @ 1000 Pa	Max flow @ 2000 Pa
Retrotec	450x	9.5 kg	660 x 355 x 355 mm	144 l/s	143 l/s	140 l/s
TSI	PAN 341	45 kg	1,130 x 660 x 600 mm	203 l/s	184 l/s	123 l/s
Kanomax	DALT 6900	75 kg	1,194 x 533 x 508 mm	165 l/s	151 l/s	94 l/s
Oriflow	Cobra	54 kg		305 l/s	285 l/s	165 l/s
McGill	LTK-5	60 kg		201 l/s	149 l/s	94 l/s
McGill	Test Station	90+ kg		180 l/s	153 l/s	106 l/s

Flows, weights, & dimensions are approximations as of 09/2023. Specs subject to change and have not been directly verified with competitors. While Retrotec has made extreme efforts to collect accurate data, we cannot guarantee complete accuracy for all specifications.

Travel & Accessibility

Retrotec systems are the lightest and smallest on the market. Travel with everything to the job site in the included carrying case.



Competing units are much larger & heavier, require handtrucks, or are carted around on wheels.



Flow Accuracy Across the Board

Not all accuracy points are the same...

Retrotec's DM32X gauge has an accuracy of +/- 1% for all pressure readings. Time averaging reduces errors even further.



Competitor gauges can produce higher inaccuracy rates depending on scale. A competitor gauge at 2500 Pa may be 1% accurate, but only 2.5% accurate at more typical test pressures of 1000 Pa.



Changing Orifices

Changing ranges takes seconds. Less than a minute to take readings.



Competitor systems can take multiple minutes to change orifices. Time to take readings is commonly just as long.



Reading Results

Reading Retrotec results: enter the duct area and test pressure and read the results directly off the gauge.



Competitor systems can require zeroing your gauge, reading the results, cross referencing with a Flow Table or even requiring to calculate the flow & dividing the flow by area.

