

# Comparison Sheet

## Retrotec Model 450x & 550x

### Large Building DucTesters



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



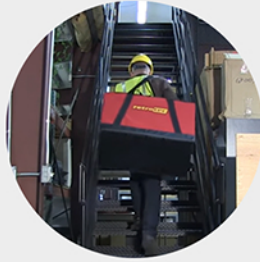
Competing Unit  
90+ kg

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
Retrotec	550x	12 kg	660 x 355 x 355 mm	264 l/s	239 l/s	199 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

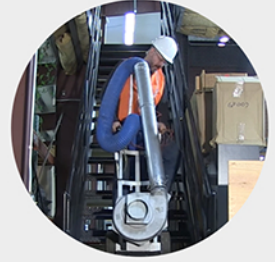
Flows, weights, & dimensions are approximations as of 09/2023. Specs subject to change and have not been directly verified with competitors. While Retrotec has made extreme efforts to collect accurate data, we cannot guarantee complete accuracy for all specifications.

## 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.

