

Comparison Sheet

Retrotec Model 440x

Large Building DucTester



The Gold Standard
of Large Building Duct Testers.



Remarkably
Lightweight



Easy to Learn
& Use



Reporting Software
Available



Fast Setup
& Teardown



retrotec

21 lbs



Competing Unit
99 lbs



Competing Unit
120 lbs



Competing Unit
165 lbs



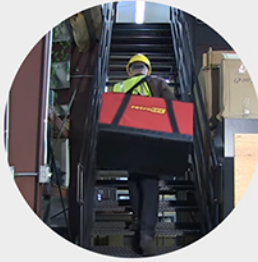
Competing Unit
200+ lbs

Manufacturer	Model	Weight	Size	Max flow @ 1 in WC	Max flow @ 4 in WC	Max flow @ 8 in WC
Retrotec	440x	21 lbs	14" x 14" x 26"	306 CFM	302 CFM	295 CFM
TSI	PAN 341	99 lbs	26" x 23.5" x 44.5"	430 CFM	390 CFM	260 CFM
Kanomax	DALT 6900	165 lbs	21" x 20" x 47"	350 CFM	320 CFM	200 CFM
Oriflow	Cobra	120 lbs		650 CFM	600 CFM	350 CFM
McGill	LTK-5	140 lbs		425 CFM	315 CFM	200 CFM
McGill	Test Station	200+ lbs		375 CFM	325 CFM	225 CFM

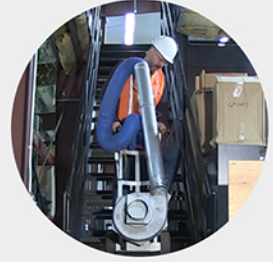
Flows, weights, & dimensions are approximations as of 09/2023. Specs subject to change and have not been directly verified with competitors. While Retrotec has made extreme efforts to collect accurate data, we cannot guarantee complete accuracy for all specifications.

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 handtucks, 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 10 in WC may be 1% accurate, but only 2.5% accurate at more typical test pressures of 4 in WC.



Changing Orifices

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

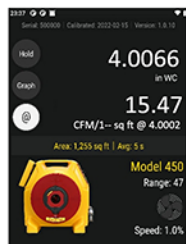


Competitor systems can take multiple minutes to change orifices. Time to take readings is commonly just as long.



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.

"ORIFICE PLATE" Gauge Reading (in.wg.)	Leakage Rate (cfm)
1.7	175.3
1.8	180.3
1.9	185.3
2.0	190.3
2.1	194.8