

Introducing...

# Retrotec's Model 500 Commercial DucTester



## Precision Control & Higher Flows

Retrotec's Model 500 Commercial DucTester is the most robust duct tester Retrotec has ever designed. Nothing else on the market comes close to its extreme performance in such a compact, lightweight handheld system.

A completely new motor design allows for precise fan speed control like never before, while maximum flow has increased to reach up to 412 CFM @ 8" WC (2000 Pa). The Model 500 is ideal for those needing to reach high flows & advanced control.



## Tech Specs

Fan Model #:	500			
	Flow Into Back Pressure of:	CFM	litres/sec	m3/s
	0 in WC (250 Pa)	576.6	272.1	0.272
Maximum Flow at 120 or 230 VAC:	1 in WC (250 Pa)	560.3	264.4	0.264
	4 in WC (1000 Pa)	506	238.8	0.239
	8 in WC (2000 Pa)	422	199.2	0.199
Minimum Flow with std Range 18:	1 in WC (250 Pa)	7.1	12	0.00333
Minimum Flow (with opt Range 3):		0.31	0.52	0.00014
Dimensions:	17 3/8" x 15 x 12 3/8"			
Weight of System:	26 lb (11.8 kg)			
Flow Accuracy:	+/- 5%			
Power input:	120 V AC, 15.5 A, 50/60 Hz, 1 phase or 240 V AC, 8.5 A, 50/60 Hz, 1 phase			

\* The max flow of the fan will vary depending on the following factors:  
barometric pressure, back pressure, blade pitch, air temperature, bearing tightness, inlet air turbulence,  
length of flex duct