

2007 Retrotec Model Q42 Automated Blower-Door

...testing tight houses



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Retrotec Model Q42 consists of a DM-2, a DU-220 Fan and a cloth door panel.

The Q42 is an automated blower-door for tight to super tight houses.



DM-2A Automatic Micro-manometer

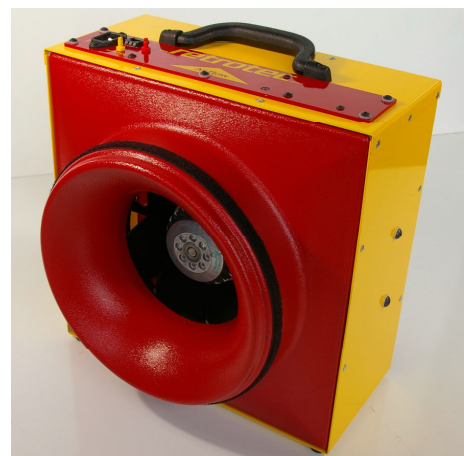
- Controls pressure or flow
- Results without a computer!
 - flow at any pressure, CFM50
 - air-changes / hour, ACH50
 - leakage area, EqLA @ 10 Pa
 - air-flow / area, eg. $m^3/h/m^2$

Airchanges at 50Pa	Maximum	Volume
1.5	28,000 ft ³	793 m ³
3.0	14,000 ft ³	396 m ³



Aluminum Frame and Cloth

- Door Panel for 25 to 42 inch (76 to 106 cm) wide doorways. With case.



DU-220 Automatic Calibrated Fan

- computer controller built in
- 3 calibrated flow ranges for leakage measurement of super tight to super leaky buildings
- Available in 110 and 240 Volts

Retrotec Model Q42 Specifications

Fan Flow (accuracy +/- 5%, +/- 3% with Retrotec software)	CFM	l/s	m ³ /h
Maximum Flow in Free Air	756	357	1284
Maximum Flow at 25 Pascal test pressure with flex attached	700	330	1190
Minimum Flow at 10 Pa	5	2	8

Dimensions	inches		cm		inches		cm	
	Fan	14 x 14 x 12	35 x 35 x 30	Frame width	25 to 41.5	63 to 105.4		
Frame Case (included)	53 x 10 x 4	134 x 25 x 10	Frame height	51.5 to 95	131 to 241			
Fan weight	10 lb.	4.5 kg.	Fan Motor	115 or 230V 185 Watts, Backward Curved Impeller				
Frame weight with cloth	14.2 lb.	6.4 kg.						

Calibration meets:	Canadian CGSB-149.1-2002 & SuperE, USA ASTM E 779 - 03, European EN 13829 & CEN, UK TM-23 Energy Standards. NFPA 2001- 01, ISO 14520 and UBC-905 fire standards.
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Specifications are subject to change without notice. Infiltrometer is a registered trademark of Retrotec.

See literature on gauges, fans, software, accessories and panels for additional information and options.

Other Infiltrometer™ products from Retrotec



High power and super high power fans



2nd fan for large buildings



rapid set-up hard panels



2 fans in hard panel



3 fans in a hard panel



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