

Retrotec Model Q42 Automated Blower-Door

...testing tight houses

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



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



DM-2A Automatic Digital Gauge

- 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. $\text{m}^3/\text{h}/\text{m}^2$)

Airchanges at 50Pa

1.5
3.0

Maximum Volume

28,000 ft^3 (793 m^3)
14,000 ft^3 (396 m^3)



Aluminum Frame and Cloth

- Highly portable Aluminum frame and cloth door fits most standard doorways. Includes carry-case.
- Extensions and larger cloths available for extra-wide or extra-tall doorways
- High pressure cloth and cross-bar available for high pressure testing



DU-220 Automatic Calibrated Fan

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

Retrotec Model Q42 Specifications

Specifications

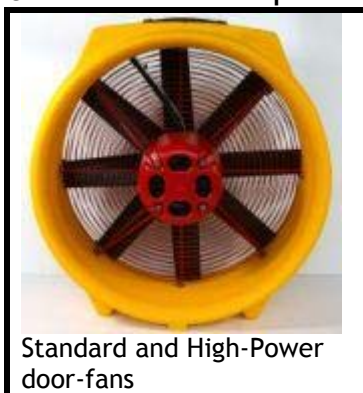
	CFM	Litres/s	m³/h
<i>Maximum Flow (Free Air):</i>	756	357	1284
<i>Maximum Flow (at 25Pa):</i>	700	330	1190
<i>Minimum Flow (Low Range at 10Pa)</i>	5	2	8
<i>Accuracy:</i>	Flow: ± 3%		
	Pressure: ± .2 Pa		
<i>Calibration Meets:</i>	Canadian CGSB-149.1-2002 & SuperE, USA ASTM E 779 - 03, European EN 13829 & CEN, UK TM-23 Energy Standards.		
<i>Fits Door Sizes:</i>	Width: 25" to 41.5" (63 to 105 cm)		Height: 51.5" to 95" (131 to 241 cm)
	<u>Dimensions (Packed)</u>		<u>Weight</u>
<i>Fan:</i>	14" x 14" x 12" (35 x 35 x 30 cm)		10.0 lb (4.5 kg)
<i>Aluminum Frame and Cloth:</i>	53" x 10" x 4" (134 x 25 x 10 cm)		14.2 lb (6.4 kg)
<i>Motor:</i>	115 or 230V (185 Watt), Backward Curved Impeller		
<i>Control:</i>	Using DM-2A (or optional Manual Speed Control)		

Q42 System Comes Complete With

<i>Digital Gauge</i>	2-Channel DM-2A Digital Gauge with Automatic Control 10' Umbilical for Fan Control, Power, Room Pressure and Flow Pressure DM-2 Users Manual
<i>Low-Flow Fan</i>	Long-life rechargeable Ni-MH Batteries DU220 Digital Low-Flow Fan with Automatic Control Mid-Range and Low-Range Flow Plates
<i>Cloth Door</i>	Aluminum Frame and Cloth-Door Panel Plastic Carry Case

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

Other Infiltrometer™ products from Retrotec



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