

Model Q5E Infiltrometer™ Blower-Door

Quality and accuracy with Automatic Pressure & Flow Control and High Power Fan

The Q5E is a commercial quality automated blower-door at an economy price. Use for super tight to super leaky houses, small commercial buildings or enclosures with 13.5 ft² (1.2m²) of leakage or less.



Retrotec Model Q5E consists of a DM-2A, a 3300 Fan and a cloth door panel. Many fan case options to choose from.



Hard Panel & Case

- Rapid Set-Up, light weight 22 lb., 10 kg.
- Professional Look
- Door Panel for 32 to 48.5 inch (81to 123 cm) wide doorways.



DM-2A Automatic Dual Channel Micro-manometer

- Controls pressure or flow
- results without a computer!
 - flow at any pressure, CFM50
 - air-changes / hour
 - leakage area, ELA
 - air-flow / area



3300 Automatic Calibrated High Power variable frequency drive Fan

- 8200 cfm, even at 50 Hz
- runs on both 110 and 240 Volts
- computer controller built in
- 7 flow ranges for leakage measurement of super tight to super leaky buildings

Retrotec Model Q5E Specifications

Fan Flow (accuracy +/- 5%, +/- 3% with Auto-Correct in Retrotec software)

	CFM	Liters/s	m ³ /h
Maximum Flow in Free Air	8,350	3,941	14,186
Maximum Flow at 50 Pascal test pressure	8,200	3,870	13,932
At 50 Hz, NO power is lost due to variable frequency drive	8,200	3,870	13,932
Maximum Flow at 300 Pascal test pressure	4,000	1,888	6,796
Minimum Flow (Range L1 at 10 Pa):	5	0.00236	8.5

Dimensions	inches	cm	inches	cm
Fan height	26	66	Fan Depth	9.5
Fan Inlet diameter	22	56	Door heights	76.5 to 87
Panel Case (included)	31 x 30 x 7	77 x 76 x 18	Door widths	32 to 48.75
Fan weight	37lb.	16.8 kg.	Fan Motor	2.0 hp:
Panel weight	21.5 lb.	9.8kg.		22 amps at 120 Volts: 14 amps at 240 Volts

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

Optional Software: custom designed software is available from Retrotec for energy analysis, large building testing & fire enclosure integrity testing.

See literature on gauges, fans and panels for case options and accessories.

Other Infiltrator™ products from Retrotec



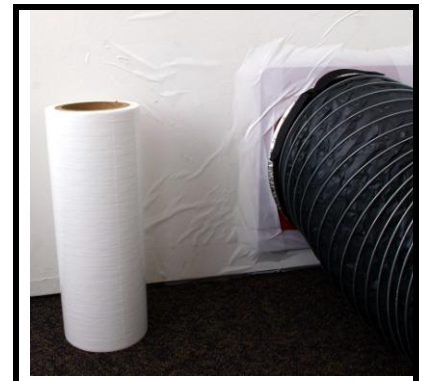
Air Current Tester Check flow direction, damper leakage and find holes.



Hard fan case to protect the fan.



Manual speed control
Can be used as a backup speed control instead of the DM-2A. Attach any length of ether net cable.



Grill mask to seal registers or the top of the fan for high doorways.



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