

Model 3121 Automated High-Power Blower-Door

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

The 3121 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.



DM-32 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

Retrotec Model 3121 consists of a DM-2, a 2200 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 30 to 42 inch (xx to xx cm) wide doorways.



3200 Automatic Calibrated High Power variable frequency drive Fan

- 8000 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 3121 Specifications

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

	CFM	Liters/s	m ³ /h
Maximum Flow in Free Air	8,100	3,823	13,762
Maximum Flow at 50 Pascal test pressure	8,000	3,776	13,592
At 50 Hz, NO power is lost due to variable frequency drive	8,000	3,776	13,592
Maximum Flow at 300 Pascal test pressure	4,000	1,888	6,796
Minimum Flow on Range Configuration C1 at 10 Pa	38	18	65

Dimensions	inches	cm	inches	cm
Fan height	26	66	Fan Depth	9.5 24.1
Fan Inlet diameter	22	56	Panel height	76.5 to 87 194 to 221
Panel Case (included)	31 x 30 x 7	77 x 76 x 18	Panel width	28.5 to 41.5 72.4 to 105.4
Fan weight	37lb.	16.8 kg.	Fan Motor	2.0 hp, 16 amps at 120 V 9 amps at 240 Volts
Panel weight	21.5 lb.	9.8kg.		

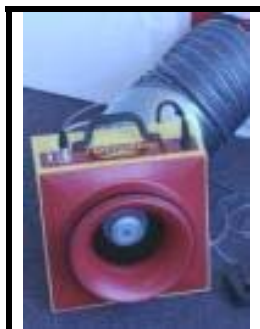
Calibration meets:	Canadian CGSB-149.1-2002 & SuperE, USA ASTM E 779 - 03, European EN 13829 & CEN, UK TM-23 Energy Standards, Rain Penetration Standards. NFPA 2001- 01, ISO 14520 and UBC-905 fire standards.
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Specifications subject to change without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

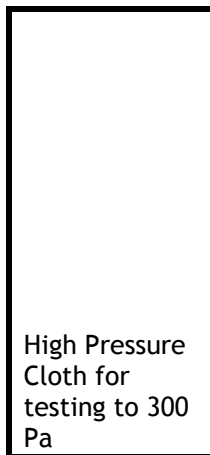
Optional Software: custom designed software is available from Retrotec for energy analysis, large building testing & fire enclosure integrity testing.

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

Other Infiltrometer™ products from Retrotec



Add an R120 for ducts or tight houses



High Pressure Cloth for testing to 300 Pa



2nd fan for large buildings



2 fans secure in hard panel



3 fan hard panel



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