

Retrotec Model QMG

Infiltrometer™ Blower-Door

(Pro Performance, with Automatic Pressure Control)



Retrotec Model QMG consists of one DM-2A, one DM-2, three 3200 Fans and a Light weight hard door panel for 3 fans. Add fan cases, software, grill mask and accessory options.



Rapid Set-Up Door Panel is light enough to be carried under your arm. Panel case as shown on right is included.

Large and mid size building test kit. Carry the lightweight components under your arm and set up in minutes in any doorway. Ideal for TM23 testing UK standards up to 4,800 m² floor area or for pressurizing large buildings for thermography. Heavy duty commercial 3 phase fans will run all day at any speed without over heating. The Variable Frequency Drive creates the 3-phase power but uses regular single phase wall outlet power; either 110 or 240 Volts!



One DM-2A measures and controls one fan automatically, a second DM-2A displays flow pressure for the other two fans. A third DM-2 could optionally be added so that each fan would display the flow for that particular fan.



Three 3200 Fans have 3 variable frequency drives that run on both 110 and 240 Volts. On 50 Hz other fans slow down to 4000 + cfm while this fan still puts out 8000 cfm! Built-in computer controls pressure or flow.

Retrotec Model QMG Specifications

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

	CFM	m ³ /s	m ³ /h
Maximum Flow in Free Air for all 3 fans	24,300	11.5	41,286
Maximum Flow at 50 Pascal test pressure	24,000	11.3	40,776
At 50 Hz, NO power is lost due to variable frequency drive	8,000	3.8	13,592
Maximum Flow at 300 Pascal test pressure	4,000	1.9	6,796
Minimum Flow on Range Configuration C1 at 10 Pa	38	0.018	65

Dimensions

	inches	cm		inches	cm
Fan height	26	66	Fan Depth	9.5	24.1
Fan Inlet diameter	22	56	Panel height	8.0	20.3
Panel Case (included)			Panel width	48	121.9

Fan weight	37lb.	16.8 kg.
Panel weight	21.5 lb.	9.8kg.

Fan Input	Single phase, 100 to 260 Volts, 2000 Watts
Fan Motors	3 phase, 2.0 hp each

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.

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

Options from Retrotec



Panel cover seals off holes in panel when all fans are not being used.



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