

Retrotec 3300 Calibrated Fans

...Highest Power in the Smallest package.



The 3300-Series Fan uses a precision piezometric ring on the inlet motor nacelle to ensure accurate flow readings. Eight point fan mount makes this calibrated fan the strongest made.



Variable Frequency Drive has a built in computer that:

1. allows the DM-2A to control the fan.
2. regulates the speed within a few RPM.
3. auto switches between 100 - 140 to 220-240 Volts AC
4. Accepts 50 to 60 Hz in with no loss of power. Normally, 50 Hz results in 16% power loss but not with the 3300 fan.
5. supplies battery recharge power to the DM-2A digital gauge

The 3300-Series fans are designed for testing any residential house or enclosure from 9 ft² (0.8 m²) of leakage down to tight houses and small enclosures with 15 in² (97 cm²).



Back of fan

Most powerful fan made. 8350 cfm = 14,186 m³/hr against 50 Pa back pressure.



Strong - "Space Age" lightweight but stiff foam sandwich construction.

Pressurize and/or depressurize flip fan around to accurately measure both ways.



Fast strap mounting into hard panel or Aluminum frame

Retrotec Model 3300-Series Door-fan

Specifications

	CFM	liters/s	m ³ /h	
<i>Maximum Flow (Free Air):</i>	8,350	3,941	14,186	
<i>Open Range Maximum Flow (at 50 Pa):</i>	8,200	3,870	13,932	No flow loss at 50Hz !
<i>Maximum Flow (at 300 Pa):</i>	4,000	1,888	6,796	
<i>Minimum Flow (Open Range at 50 Pa):</i>	3,500	1,650	5,947	
<i>Minimum Flow (Range L1 at 10 Pa):</i>	5	2.4	8.5	
<i>Accuracy without formal calibration:</i>	± 3%			
<i>Accuracy with formal calibration:</i>	± 2%			
<i>Formal Calibration Meets:</i>	Canadian CGSB-149.1-2002 & SuperE, USA ASTM E 779 - 03, European EN 13829 & CEN, UK ATTMA TS-1 Energy Standards. NFPA 2001- 01 & ISO 14520 Integrity Standards.			
<i>Dimensions:</i>	26" x 25.5" x 9.5" (66 x 65 x 24 cm)			
<i>Weight:</i>	Fan: 37 lb (16.8 kg)			
<i>Motor:</i>	2.0 hp : 22 amps at 120 Volts : 14 amps at 240 Volts			
<i>Control:</i>	Automatic with DM-2A or manual control			

Options for 3300-Series Fans



Manual speed control
Can be used as a backup speed control instead of the DM-2A

Precision calibration with back pressure compensation. Individual Calibration Certificates available for increased accuracy.

Flex-Duct Fits over the fan inlet or outlet for advanced testing.



Fan Cover
Seals off front or back, sealing and protecting fan

Standard Fan Case
Includes shoulder strap and Velcro closures. Stable gauge platform.

Specifications subject to change without notice.
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