

Retrotec Blower Doors

Residential Product Line



The most advanced and complete line of blower doors.



Easy to Learn
& Use



Fast Setup
& Teardown



Online Training
Included



Major Upsell
Opportunity



What Separates Us Apart?

Top 10 Reasons to Choose Retrotec:

1. Ease of Use

"Ease of use" is the #1 reason why customers choose Retrotec. Learning & Training is simple when all the connections are together & color coded. With QuickGuides (step-by-step instructions with pictures), you'll complete your first test in minutes.

2. Smart Gauge

Retrotec's DM32X Smart Gauge is in a class of it's own. WiFi, Long Range Bluetooth™, Embedded Guides, Videos, Testing Calculators, Real-Time Graphing...the list goes on!

3. Online Training

Manufacturer Certification Courses train you to setup, run, and troubleshoot for Code and Building Performance applications.

4. Extreme Power & Versatility

Our line of Blower Doors and DucTesters encompass an extensive testing range. Retrotec manufactures fans to test any sized building, from super leaky to super tight.

5. rCloud Testing Platform

Retrotec's rCloud app has revolutionized blower door and duct testing. Geolocate, time/date stamp, automatically perform tests to common standards, & create secure compliance reports. Share immediately, view anywhere.

6. Durability

Retrotec's fan shells can withstand a lot of abuse including drops. The shell halves are secured with more fasteners than other manufacturers and hold up for years of constant use.

7. Better Cases for Equipment

DucTesters come in a rigid case with metal clasps that last longer than alternatives. Gauges come in a lunchbox style case that can fit much more than a gauge and it's components.

8. Compatibility

Retrotec's DM32X gauge can operate both Retrotec and TEC fans. You can upgrade from TEC to Retrotec without having to buy a whole set of equipment.

9. Faster Set-up and Tear-down

Thanks to details such as magnetic range configurations, one-motion frame tear-down, quick connect collars, flanges and color coding, you can set up your equipment and pack it away faster. After all, time is money.

10. Experience

Retrotec has been in the building performance business for decades. We were the first to bring touchscreen gauges, WiFi connectivity, and automated testing to the industry and always strive to incorporate new technology to make you work faster and smarter.

Select your blower door



Most Popular

Model 5100

Test any residential house. Complete with a gauge, fan, 6 ranges, connectors, software and a 10-year warranty on the fan shell.

Fully automatic and manual operation. Quick connect frame with extra crossbar for stability and gauge mounting. Everything included.



Most Flow Per \$

Model 5210 Double Classic

This system gives you the most flow for the least money. You can even create two separate 5100 systems by adding another single hole cloth panel. Large frame has 3 crossbars to securely hold two fans in one door way.



Most Accurate Passive House

Model 300 BD Passive House & Ducts

Ideal for small, tight houses and apartments or ducts. Engineered square corners on the door panel make this system 75% tighter than any other. The flow nozzle and centrifugal fan measure extremely accurately from 3 to 0.03 Air-changes per Hour at 50 Pa.



Most Powerful

Model 6100 Hi-Power

Retrotec's exclusive 1.5 horsepower, high powered fan is run by a variable frequency drive that gives smooth & stable control for testing large houses or small commercial buildings. Extra power also creates pressures up to 300 Pa for rain penetration testing.



Professional & Hi-Power

Model 6120

Adding Retrotec's exclusive modular door panel to the 6000 series fan makes this model the first choice for serious home performance contractors who want to make a positive professional impression.

This most professional looking system is quickest to set up with no cloth flapping around. Install and re-pack up in seconds.

System Selector

DM32X Gauge included

| Model | EU5100 | EU6100 | EU300 | EU5210 | EU6120 |
|--|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|
| Fans | 1 x ¾ hp | 1 x 1.5 hp | 1 x ¼ hp | 2 x ¾ hp | 1 x 1.5 hp |
| Maximum Flow (CFM) | 5,700 @ 50 Pa | 7,700 @ 50 Pa | 760 @ 50 Pa | 11,400 @ 50 Pa | 7,700 @ 50 Pa |
| Minimum Flow (CFM) | 8.1 CFM on optional Range B29 | 8.1 CFM on optional Range B29 | 0.36 CFM on optional Range 7 | 8.1 CFM on optional Range B29 | 8.1 CFM on optional Range B29 |
| Fan weight (no case, no flow plates) | 15.2 kg | 16.5 kg | 3.8 kg | 2 x 15.2 kg | 16.5 kg |
| Panels | Cloth | Cloth Panel | Cloth Panel | Large Cloth Panel | Hard Panel |
| Door width | 75 - 109 cm | 75 - 109 cm | 75 - 109 cm | 81 - 127 cm | 81 to 124 cm |
| Door height | 135 - 246 cm | 135 - 246 cm | 135 - 246 cm | 152 - 278 cm | 193 to 221 cm |
| FanTestic Lite automated software | Included | Included | Included | Included | Included |
| Manufacturer's certification/training | Included | Included | Included | Included | Included |
| Window Frame: Min WH of 16 x 28" to Max 27"x 51" | Not applicable | Not applicable | Same price | Not applicable | Not applicable |
| Hard Fan Case | Add'l | Included | Included | Add'l | Included |

Visit retrotec.com & then select the DM32 Flow Calculator to view a full list of range plug flow measurements

Systems include:

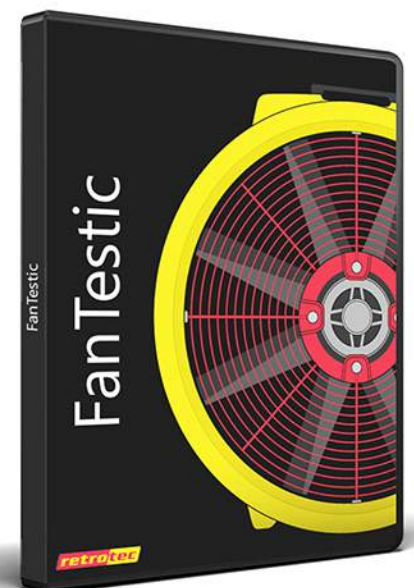
Calibrated test Fan, DM32 gauge package and door panel system. Fan covers, Panel case, gauge case, umbilical connectors, chargers and everything you'll need to perform a fully automated test using a laptop. Color Quick Guides teach the test procedure in minutes; simply follow the pictures. ISO 17025 accredited gauge calibration is included; an industry first. The included Factory Fan Calibration Verification Report was performed by our ISO accreditation lab; an exclusive feature of all Retrotec fans.

Automated Software

Residential blower door testing software for completely automated tests. Calculate infiltration cost and determine the ventilation rates for the structure.

Follows ASTM or USACE standards and can be upgraded to FanTestic Pro, which produces custom reports with the press of a button

| | | |
|--|------|--------|
| License is based on the total number of fans | 1 | 1 or 2 |
| FanTestic Lite | Free | |
| FanTestic Pro with custom report writer | | Add'l |



DM32XTM

One Gauge, One World.

Included In Every
New System!

New Features



Beautiful large 1080P HD OLED display with Gorilla Glass capacitive multi-touch.



A thinner, more ergonomic shell design.



Real-time graphic display of pressure readings over time. Taking pressure points is one thing, being able to see what's happening tells you a more accurate story.



Multiple datalogging options.



Digital Signal Processing (DSP) improves pressure reading stability.



Fast 3A charging & data transfer on USB-C



Long range (10m) Bluetooth® connectivity.



Built-in testing and training apps. Run rCloud auto testing software natively.



Embedded & online manuals, videos, & resources.



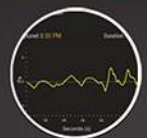
Display can be viewed horizontally or vertically.



Operate and read competing fans.



Photorealistic images of all devices and ranges.



Real-Time Graphing
& Data Logging



Portrait & Landscape
Viewing Capability



YouTube

Embedded & Online
Resources



Long Range
Bluetooth®



WiFi



Accessories

Tiny S

Outstanding performance in a small package. 1 second warmup time, dense fog with minimal fluid consumption.



Extra Grill Mask

An invaluable tool for any air leakage tester to seal ducts and holes.

Available in three sizes.



Hard Sided Cases

These hard sided cases protect your equipment and double as a table.



Low Flow Plugs

Pick the CFM flow range you'd like test down to.

| Range | Model | 5000 | 6000 | 300 |
|-------|-------|--------|--------|-------|
| B74 | | 36-135 | 36-161 | |
| B47 | | 21-61 | 21-72 | |
| B29 | | 9-23 | 9-26 | |
| 18 | | | | 2-11 |
| 11 | | | | 1-5 |
| 07 | | | | 0.4-2 |



FlowFinder MK2

Powered Flow Hood. The FlowFinder is exceptional where pressures are low or where there is an alternative route for the air to flow.



FlowBox

A passive exhaust fan flow meter that utilizes the DM32 manometer to measure exhaust only flows.

Perfect for measuring flow for bath fans, kitchen exhaust, room returns and whole-house ventilation.



Contact



visit
retrotec.com

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