

Training that meets
ENERGY STAR Version 3 standards
just got easier...



Teach duct testing in 10 minutes!

ENERGY STAR 3.0 Recommended Results

Continuous results without calculations!

Set up the gauge to meet ENERGY STAR 3.0 standards quickly and easily.

- Read results directly off the gauge.

Trainers: Demonstrate a complete test in just five minutes.

- Easy to understand for your trainees: the gauge does it all for them!



Results are displayed immediately with no calculations!

Duct leakage results required in CFM per 100 square feet at 25 Pa.

25 Pa
10 cfm/
100ft²
area: 1000.0 ft²

Figure 1: duct test results

House leakage is displayed in air changes per hour.

-25 Pa
3.5 /h
area: 1000.0 ft²

Figure 2: home leakage results

Two simple ways to program a gauge:

1.) Order one pre-set to meet ENERGY STAR 3.0 standards.

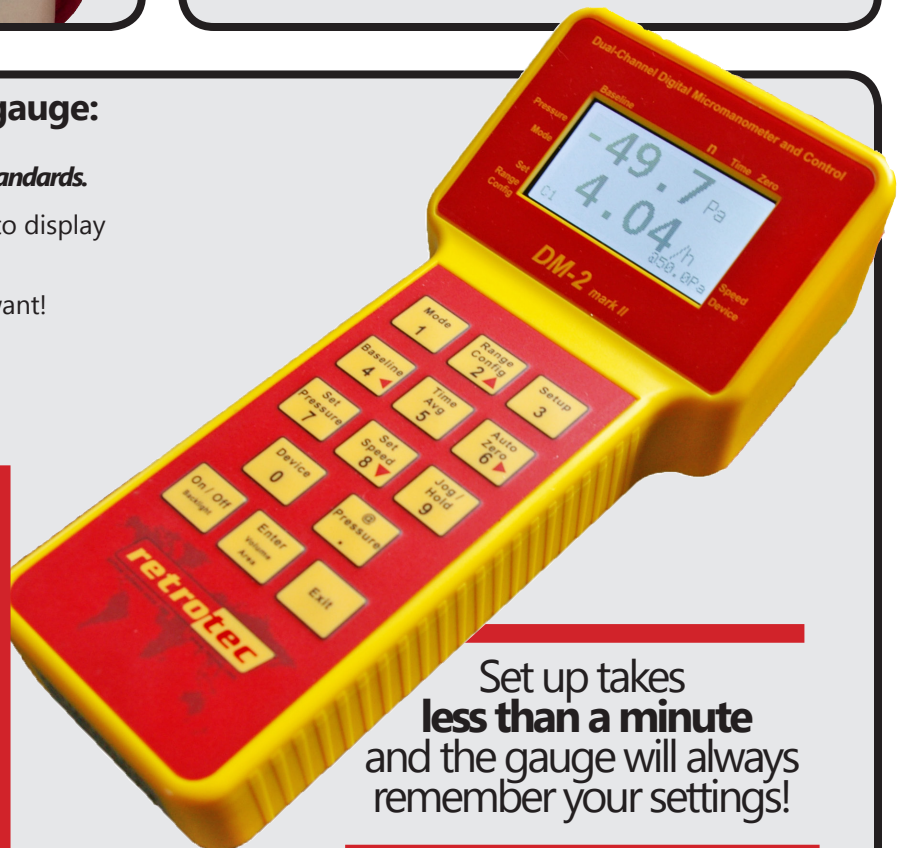
- Gauges can be programmed at the factory to display only ENERGY STAR 3.0 results.
- Remove the rest: see only the devices you want!

2.) Re-program your own gauge in minutes!

- Use easy-to-follow QuickGuides, or
- Just watch the video!

Enable/Disable Mode

Pressure	◀ Pa ▶
Flow	◀ cfm ▶
@ Pressure	25 Pa
EqLa	◀ off ▶
@ Pressure	10 Pa
EfLa	◀ off ▶
@ Pressure	50 Pa
Air Change	◀ /h ▶
@ Pressure	50 Pa
Flow per Area	◀ cfm/100ft ² ▶
@ Pressure	25 Pa
EqLa per Area	◀ off ▶
@ Pressure	50 Pa
EfLa per Area	◀ off ▶
@ Pressure	50 Pa
Hole Flow	◀ off ▶



Set up takes
less than a minute
and the gauge will always
remember your settings!

Duct Testing Made Easy!

Quick set up with color coded connections

It's simple: Just match the colored connectors to the tubes! Tapered connectors don't allow tube ends to leak.



What accessories make duct testing even easier?



70ft long umbilical connectors: test from any place in the house.



Air current testers: use smoke to quickly locate duct leaks.

Give trainees more hands-on learning time

Duct and blower door training simulators.

Emulate **real-world** situations inside any classroom!



How can I tell if my duct tester is reading correctly?

Retrotec developed the **field calibration plate**.

Testers: self-train or check your system in minutes!



Test ducts in both directions with ease!

Flow readings are not affected by inlet conditions such as floors or flex ducts!

Centrifugal blower is unaffected by back pressure and will test right up to 300 Pa!

Need Effective, Universal Training Materials?

Quality training materials that support trainers and help trainees retain information save training time. Retrotec has created un-biased, media-rich training materials that support your program and prepare trainees for any equipment they use in the field.

Our training modules include:

- Embedded demonstration videos, giving trainers a break and trainees hands-on information
- PowerPoint slides, enhanced with clear diagrams and photo concept illustration
- Key point repetition with concise text to prevent overload
- Separate guides for trainers to supplement the slides

Courses Available:

Residential Air Leakage Measurement

Concise, clearly described building science allows the trainee to understand what is going on in the home. This is coupled with an equally clear understanding of how the equipment works so that application becomes intuitive.

Residential Pressure Measurement

Learn the basics of both the DG-700 and DM-2 pressure gauges, and how to use a gauge to perform common tests. This also teaches some of the essentials of pressure measurement and the science behind how a pressure gauge works.

Learn the basics of both the DG-700 and DM-2 pressure gauges and avoid most problems. This course teaches the essentials of pressure measurement science and all the tricks of the trade from an industry veteran.

Residential Duct Leakage Measurement

Learn to perform different types of duct tests and to interpret the results displayed on the gauge.

Receive these free materials:

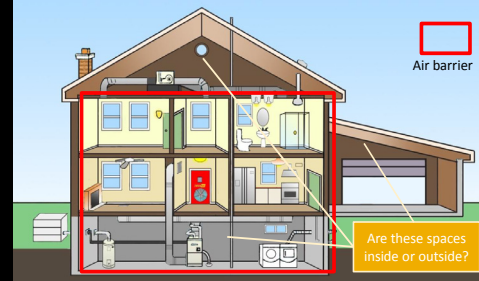
Retrotec has donated our air leakage training to Building Pressure, a non-profit building diagnostics training resource organization.

Get them free online at <http://buildingpressure.org>

For a free DVD training package, containing universal quick guides and manuals, email training@buildingpressure.org

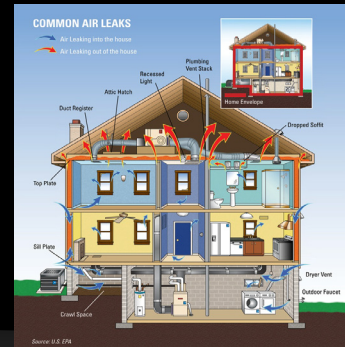
Air barriers

The air barrier is typically not the exterior boundary of a house.



Pressure changes occur across the air barrier, which separates "outdoors" from "indoors", so inside and outside can be confusing terms.

Where Houses Leak



Components: Flange, Flex & Fan

