

From our friends at **The Energy Conservatory**:



Common Blower Door Testing Mistakes

- Gauge has been misinformed as to fan configuration (rings)
- Failure to account for baseline pressures when measuring zones
- Not realizing that the inside/outside temps affect the CFM50
- Having air leaks in the flow sensor
- Trying to measure flows by running the fan backward (rather than turning it around)
- Not measuring fan pressure with reference to outside during pressurization
- Not noticing that the fan pressure is too low
- Weak batteries, maybe from cold temp
 - Channel B shows you the gauge voltage whenever you turn on the gauge.
- Using a pressure pan to diagnose recessed light air leakage.
- Using an Exhaust Fan Flow Meter to measure flow from supply registers
- Applying the “can’t reach 50 factor” to a reading with the DG700 already set to PR/FL@50

Common Duct Blaster® Testing Mistakes

- On duct leakage to outside test:
 - Set Duct Blaster Gauge mode to PR / FL @25 and can’t get a reading
 - Adjust Duct Blaster fan so duct pressure is 25 Pa WRT house instead of 0 Pa.
 - Some think you don’t need to seal off registers during this test. This will not have a large effect on very tight duct systems, but with leaky systems it will cause a larger pressure gradient across the duct system and therefore, inaccurate numbers.
- Duct blaster rings installed backwards.
- On DB depressurization test:
 - Failure to install the flow conditioner- they think it is packing material.
 - Failure to reference the flow sensor correctly by connecting the clear hose to Channel B reference and to the tap on the round transition.



Brought to you by **TruTech Tools, LTD**

www.TruTechTools.com

Making measurement science work!

1-888-224-3437