



Engineering and Community Development Department
Building & Permitting Division

Blower Door Test Requirement & Form

Attention Contractor or Owner Builder:

Blower Door Testing is now a requirement in the Florida Building Code for residential units. This became effective July 1, 2017 per Florida House Bill 535. Any applicable permits being reviewed as of July 1, 2017 shall have blower door testing per Florida Building Code Energy Conservation R402.4.1.2 as part of the inspection process.

Applicable permits: Residential; R-2, R-3 and R-4 buildings 3 stories or less above grade plane. You are hereby noticed of your requirement to comply with the present code for this project.

Blower door testing is required for permits submitted from July 1, 2017 to present and shall be performed after creation of all penetrations of the building envelope. Testing shall be conducted by an approved third party and a written report shall be submitted to the building department by such agency prior to issuance of certificate of occupancy.

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Envelope Leakage Test Report

(Blower Door Test)

R402.4.1.2 Compliance

Permit# _____

Job Information:

Builder: _____ Community: _____ Lot: _____

Address: _____ Unit: _____

City: _____ State: FL Zip: _____

Air Leakage Test Results *Passing results must be 7 ACH (50) or less*

_____ x 60 ÷ _____ = _____
 CFM (50) Building Volume ACH (50)

PASS

FAIL

Method for calculating building volume

- Retrieved from architectural plans
- Code software calculated
- Field measured and calculated

When ACH (50) is less than 3, Mechanical Ventilation installation must be verified by building department.

Certification of Test Results

R402.4.1.2 Testing. The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 7 air changes per hour in Climate Zone 1 and 2, 3 air changes per hour in Climate Zone 3 through 8. Testing shall be conducted with a blower door at a pressure of 0.2 inches w.g. (50 Pascals). Testing shall be conducted by either individuals as defined in Section 553.993(5) or (7), F.S. or individuals licensed as set forth in Section 489.105(3)(f), (g) or (i) or an **approved** third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the **code official**. Testing shall be performed at any time after creation of all penetrations of the building thermal envelope.

Testing Company

Company Name: _____ Phone: _____

I hereby verify that the above Air Leakage results are in accordance with the 6th Edition Building Code Energy Conservation requirements Section R402.4.1.2, Climate Zone 1 and 2.

Date of Test: _____

Signature of Tester: _____

Print Name of Tester: _____

License/Certification #: _____ Issuing Authority: _____