Duct Leakage Test Report

Residential Prescriptive, Performance or ERI Method Compliance
2023 Florida Building Code, Energy Conservation, 8th Edition

Jurisdiction:	Permit #:

Job Information

Builder: Maronda Homes   **Community:** Forest Cove   **Lot:** 2

Address: 182 SW Cadence Glen   **Unit:**

City: Lake City   **State:** FL   **Zip:** 32024

Duct Leakage Test Results — Prescriptive Method — Performance/ERI Method

System 1	44 cfm25	**Prescriptive Method cfm25 (Total)** To qualify as "substantially leak free" Q_n must be less than or equal to 0.04 if air handler unit is installed. If air handler unit is not installed, Q_n Total must be less than or equal to 0.03. This testing method meets the requirements in accordance with Section R403.3.3 *Is the air handler unit installed during testing?* YES (=.04Q_n) NO (=.03Q_n)
System 2	_____ cfm25	
System 3	_____ cfm25	**Performance Method cfm25 (Out or Total)** To qualify as "substantially leak free" Q_n must not be greater than the proposed duct leakage Q_n specified on form R405-2023 OR R406-2023.
Sum of any additional systems	_____ cfm25	
Total of all systems	44 cfm25	

Leakage Type selected on Form R405–2023 (Energy Calc) or R406–2023: **Default**

Q_n specified on Form R405–2023 (Energy Calc) or R406–2023: _____

$$\frac{44}{\text{Total of all Systems}} + \frac{1876}{\text{Total Conditioned Square Footage}} = 0.023 \; Q_n$$

(**PASS**)   FAIL

Duct tightness shall be verified by testing in accordance with ANSI/RESNET/ICC380 by either individuals as defined in Section 553.993(5) or (7), *Florida Statutes*, or individuals licensed as set forth in Section 489.105(3)(f), (g) or (i), *Florida Statutes*.

Testing Company

Company Name: 15 Lightyears   **Phone:** (855) 438-1515

I hereby verify that the above duct leakage testing results are in accordance with the Florida Building Code requirements with the selected compliance path as stated above, either the Prescriptive Method or Performance Method.

Signature of Tester: _____   **Date of Test:** 1/10/2025

Printed Name of Tester: Nathan Mendenhall

License/Certification #: 4480293   **Issuing Authority:** RESNET