

# Duct Leakage Test Report

## Residential Prescriptive, Performance or ERI Method Compliance 2020 Florida Building Code, Energy Conservation, 7th Edition

Jurisdiction:	Permit #: 44252															
<b>Job Information</b>																
Builder:	Community: Lot: NA															
Address: 2054 SW Salem Rd																
City: Lake City	State: FL Zip: 32024															
<b>Duct Leakage Test Results</b>																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px 5px;">System 1</td><td style="text-align: center; padding: 2px 5px;">141</td><td style="padding: 2px 5px;">cfm25</td></tr> <tr><td style="padding: 2px 5px;">System 2</td><td style="text-align: center; padding: 2px 5px;"></td><td style="padding: 2px 5px;">cfm25</td></tr> <tr><td style="padding: 2px 5px;">System 3</td><td style="text-align: center; padding: 2px 5px;"></td><td style="padding: 2px 5px;">cfm25</td></tr> <tr><td style="padding: 2px 5px;">Sum of others</td><td style="text-align: center; padding: 2px 5px;"></td><td style="padding: 2px 5px;">cfm25</td></tr> <tr><td style="padding: 2px 5px;">Total of all</td><td style="text-align: center; padding: 2px 5px;">141</td><td style="padding: 2px 5px;">cfm25</td></tr> </table> <div style="display: flex; align-items: center;"> <div style="text-align: right; margin-right: 10px;"> 141  <small>Total of all systems</small> </div> <div style="text-align: center; margin-right: 10px;"> ÷  <small>Total Conditioned Square Footage</small> </div> <div style="text-align: left;"> 4800  <small>Total Conditioned Square Footage</small> </div> <div style="margin-left: 10px;"> = .0294 Qn </div> </div> <div style="display: flex; align-items: center; gap: 20px;"> <div style="text-align: center;"> <input checked="" type="checkbox"/> <b>PASS</b> </div> <div style="text-align: center;"> <input type="checkbox"/> <b>FAIL</b> </div> </div>	System 1	141	cfm25	System 2		cfm25	System 3		cfm25	Sum of others		cfm25	Total of all	141	cfm25	<div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <input type="radio"/> <b>Prescriptive Method</b> cfm25 (Total)  To qualify as "substantially leak free" Qn Total must be less than or equal to 0.04 if air handler unit is installed. If air handler unit is not installed, Qn Total must be less than or equal to 0.03. This testing method meets the requirements in accordance with Section R403.3.3.  <i>Is the air handler unit installed during testing?</i> <input type="checkbox"/> YES (<sup>= .04</sup><sub>Qn</sub>) <input type="checkbox"/> NO (<sup>= .03</sup><sub>Qn</sub>) </div> <div style="border: 1px solid black; padding: 10px;"> <input checked="" type="radio"/> <b>Performance/ERI Method</b> cfm25 (Out or Total)  To qualify using this method, Qn must not be greater than the proposed duct leakage Qn specified on Form R405-2020 or R406-2020   <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <i>Leakage Type selected on Form R405-2020 (EnergyCalc) or R406-2020</i>  <div style="border: 1px solid black; padding: 5px; width: 150px; margin: 0 auto;">Proposed Leak Free</div> </div> <div style="text-align: center;"> <i>Qn specified on Form R405-2020 (EnergyCalc) or R406-2020</i>  <div style="border: 1px solid black; padding: 5px; width: 150px; margin: 0 auto;">0.03 Qn</div> </div> </div> </div>
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System 3		cfm25														
Sum of others		cfm25														
Total of all	141	cfm25														
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.																
<b>Testing Company</b>																
Company Name: E-Calcs Plus, Inc. Phone: 833-322-5271 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: <b>Eric Struble</b> <small>Digitally signed by Eric Struble Date: 2022.10.04 15:20:13 -04'00'</small> Date of Test: October 4, 2022 Printed Name of Tester: Eric Struble License/Certification #: HERS Rater ID# 0757810 Issuing Authority: Resnet/FSEC																