

Envelope Leakage Test

Testing Company:

Name: Prochek Home Inspections
Address: 100 Mill Plain Road
Danbury, CT 06811
Phone: 1-800-338-5050
www.prochek.com

Technician:

Name: Jason Arditi
Credentials: BPI ID#: 5064953
Email: jasonarditi@prochek.com

Building Information:

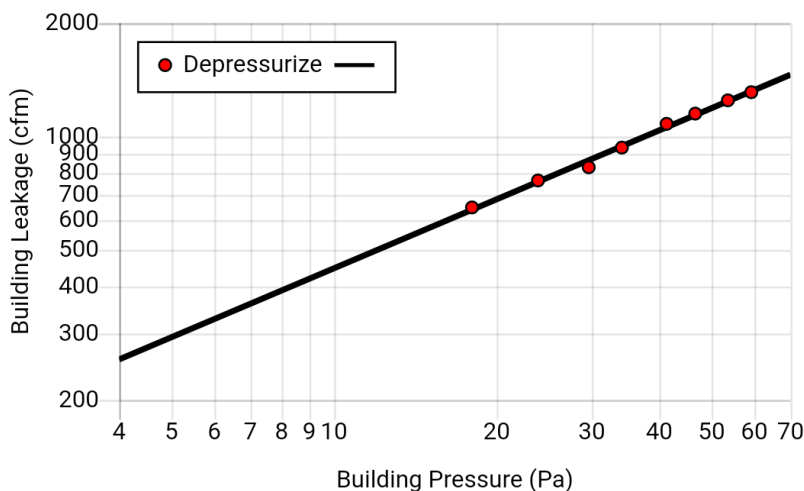
Project ID: 14155
Address: 123 Fake Street
Rye Brook, New York 10573
Geo-Tag Data: Latitude: 41.048564
Longitude: -73.690349
Timestamp: 2020-08-14 09:11:36

Customer Information:

Name: John Smith
Address: 123 Fake Street
Rye Brook, NY

Measured Leakage: 2.40 ACH50
Leakage Target: 3.00 ACH50
Compliance with Leakage Target: Pass

Test ID:	Blower Door	
Purpose of Test:	IECC 12/15 Env. Leakage	
Measured CFM50:	1,188.9 (+/- 2.5%)	Effective Leakage Area: 72.6 in ²
Building Volume:	29,682.0 ft ³	Enclosure Surface Area: 3,382.0 ft ²
Coefficient (C):	110.1 (+/- 17.3%)	Exponent (n): 0.608 (+/- 0.048)
Correlation Coefficient:	0.99687	
Test Standard:	ASTM E779 (single mode)	Test Mode: Depressurize
Test Characteristics:	Pre Indoor Temp: 70 °F	Post Indoor Temp: 70 °F
	Pre Outdoor Temp: 75 °F	Post Outdoor Temp: 75 °F
	Altitude: 202.0 ft	Time Average Period: 10 seconds
Test Date and Time:	2020-08-14 09:17:57	



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Test Readings:

<u>Target (Pa)</u>	<u>Bldg.(Pa)</u>	<u>Adj Bldg.(Pa)</u>	<u>Fan (Pa)</u>	<u>Flow (cfm)</u>	<u>Config</u>
Baseline	0.2				
-60.0	-59.3	-59.2	-51.5	1,298.7	Ring A
-54.0	-53.6	-53.6	-46.5	1,235.8	Ring A
-48.0	-46.7	-46.6	-39.4	1,139.3	Ring A
-42.0	-41.3	-41.3	-34.6	1,070.2	Ring A
-36.0	-34.2	-34.1	-25.7	925.7	Ring A
-30.0	-29.7	-29.6	-191.9	820.8	Ring B
-24.0	-23.9	-23.9	-163.1	757.2	Ring B
-18.0	-18.1	-18.0	-117.0	642.2	Ring B
Baseline	-0.3				

Test Equipment:

Flow Device: Model 3 110V Fan
Pressure Gauge: DG1000
Serial #: 6005
Calibration Date: 2020-07-01

Deviations from Standard:

- None
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Comments:

None
