

Envelope Leakage Test

Testing Company:

Name: Building Knowledge
Address: PO Box 1376
Burnsville, MN 55337
Phone: 952-944-5605
buildingknowledge.com

Technician:

Name: Pat O'Malley
Credentials: Certified HERS Rater
Email: pato@buildingknowledge.com

Building Information:

Project ID: 2909 Bryant Ave S
Address: 2909 Bryant Avenue S
Minneapolis, MN
Geo-Tag Data: Latitude:
Longitude:
Timestamp:

Customer Information:

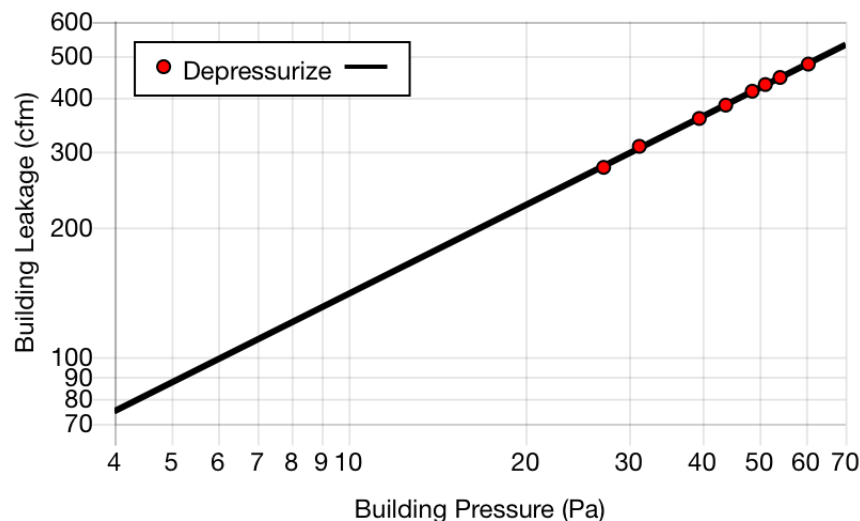
Name: EPS
Address:

Measured Leakage: 0.80 ACH50

Leakage Target: 3.00 ACH50

Compliance with Leakage Target: Pass

Test ID:	Test 1	
Purpose of Test:	IECC 12/15 Env. Leakage	
Measured CFM50:	421.3 (+/- 0.5%)	Effective Leakage Area: 21.2 in ²
Building Volume:	31,604.0 ft ³	Enclosure Surface Area: 8,670.0 ft ²
Flow Coefficient (C):	29.0 (+/- 6.7%)	Exponent (n): 0.684 (+/- 0.018)
Correlation Coefficient:	0.99966	
Test Standard:	ASTM E779 (single mode)	Test Mode: Depressurize
Test Characteristics:	Pre Indoor Temp: 72 °F	Post Indoor Temp: 72 °F
	Pre Outdoor Temp: 30 °F	Post Outdoor Temp: 30 °F
	Altitude: 962.0 ft	Time Average Period: 10 seconds
Test Date and Time:	2019-12-03 09:32:44	



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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	-7.6				
-60.0	-68.6	-60.5	-74.4	513.4	Ring B
-54.0	-59.2	-51.2	-59.7	460.1	Ring B
-48.0	-56.6	-48.6	-55.6	444.1	Ring B
-42.0	-51.8	-43.8	-47.8	412.3	Ring B
-36.0	-47.5	-39.5	-41.4	383.8	Ring B
-30.0	-39.3	-31.2	-30.7	330.7	Ring B
-24.0	-35.2	-27.2	-24.4	295.6	Ring B
-18.0	-62.2	-54.2	-64.5	478.0	Ring B
Baseline	-8.4				

Test Equipment:

Flow Device: Model 3 110V Fan
Pressure Gauge: DG700
Serial #: 37299
Calibration Date: 2017-03-29

Deviations from Standard:

- The interval between building pressures is greater than 10 Pa.

Comments:

Report generated by TEC Auto Test version 1.6.3 (2), © 2019 by The Energy Conservatory, Inc.