

Results

BUILDING LEAKAGE TEST COMPARISON

LgO Services
8066 Wayword Trail
San Antonio, TX 78244
Phone: 210-386-0973

Test #1	Test #2
Test File: 201 Sequioa 6 19 2009	Test File: 201 Sequioa 10 09 2009
Date of Test: 6-19-2009	Date of Test: 10/09/2009

Test Results

	Test #1	Test #2	Change	Percent
1. Airflow at 50 Pascals:	11554 CFM 36.27 ACH	2277 CFM 7.15 ACH	-9277 CFM -29.12 ACH	-80.3 % -80.3 %
2. CFM50 per ft2 Floor Area	4.84 CFM/ft2	0.95 CFM/ft2	-3.88 CFM/ft2	-80.3 %
3. Leakage Areas:				
Canadian EqLA @ 10 Pa:	1192.9 in2	235.1 in2	-957.8 in2	-80.3 %
LBL ELA @ 4 Pa:	634.3 in2	125.0 in2	-509.3 in2	-80.3 %
4. Minneapolis Leakage Ratio: (CFM50 per ft2 Surface Area)	0.60	0.12	-0.49	-80.3 %

Infiltration Estimates

1. Estimated Annual Average Infiltration Rate:	487.5 CFM 1.53 ACH	96.1 CFM 0.30 ACH	-391.4 CFM -1.23 ACH	-80.3 % -80.3 %
2. Estimated Design Infiltration Rate:				
Winter:	680.4 CFM 2.14 ACH	134.1 CFM 0.42 ACH	-546.3 CFM -1.71 ACH	-80.3 % -80.3 %
Summer:	516.0 CFM 1.62 ACH	101.7 CFM 0.32 ACH	-414.3 CFM -1.30 ACH	-80.3 % -80.3 %

Cost Estimates

1. Estimated Costs of Air Leakage for Heating:	\$88	\$17	-\$71	-80.3 %
2. Estimated Costs of Air Leakage for Cooling:	\$246	\$58	-\$187	-76.3 %

CFM - Cubic Ft/Min

ACH - Air Changes/Hr

Results

BUILDING LEAKAGE CURVE COMPARISON

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