

Results

BUILDING LEAKAGE TEST COMPARISON

LgO Services
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Test #1	Test #2
Test File: Ms Rivera 02 11-2010 My casa make over	Test File: Ms Rivera 04-26-2010 Mi casa make over
Date of Test: 02-11-2010	Date of Test: 04-26-2010
Customer: Deborah Rivera 307 Northtrail San Antonio , TX 78216	Customer: Deborah Rivera 307 Northtrail San Antonio , TX 78216
Phone: 210-353-3007	

Test Results

	Test #1	Test #2	Change	Percent
1. Airflow at 50 Pascals:	3220 CFM 17.86 ACH	788 CFM 4.37 ACH	-2433 CFM -13.49 ACH	-75.5 % -75.5 %
2. CFM50 per ft2 Floor Area	2.38 CFM/ft2	0.58 CFM/ft2	-1.80 CFM/ft2	-75.5 %
3. Leakage Areas:				
Canadian EqLA @ 10 Pa:	332.5 in2	81.3 in2	-251.2 in2	-75.5 %
LBL ELA @ 4 Pa:	176.8 in2	43.2 in2	-133.5 in2	-75.5 %
4. Minneapolis Leakage Ratio: (CFM50 per ft2 Surface Area)	0.30	0.07	-0.22	-75.5 %

Infiltration Estimates

1. Estimated Annual Average Infiltration Rate:	135.9 CFM 0.75 ACH	33.2 CFM 0.18 ACH	-102.6 CFM -0.57 ACH	-75.5 % -75.5 %
2. Estimated Design Infiltration Rate:				
Winter:	171.4 CFM 0.95 ACH	46.4 CFM 0.26 ACH	-125.0 CFM -0.69 ACH	-72.9 % -72.9 %
Summer:	129.2 CFM 0.72 ACH	35.2 CFM 0.20 ACH	-94.0 CFM -0.52 ACH	-72.8 % -72.8 %

Cost Estimates

1. Estimated Costs of Air Leakage for Heating:	\$53	\$12	\$-41	-76.5 %
2. Estimated Costs of Air Leakage for Cooling:	\$75	\$15	\$-59	-79.3 %