

BUILDING LEAKAGE TEST COMPARISON

LgO Services
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Test Results

	Test #1	Test #2	Change	Percent
1. Airflow at 50 Pascals:	1090 CFM 7.87 ACH	656 CFM 4.74 ACH	-434 CFM -3.13 ACH	-39.8 % -39.8 %
2. CFM50 per ft2 Floor Area	1.05 CFM/ft2	0.63 CFM/ft2	-0.42 CFM/ft2	-39.8 %
3. Leakage Areas:				
Canadian EqLA @ 10 Pa:	112.5 in2	67.7 in2	-44.8 in2	-39.8 %
LBL ELA @ 4 Pa:	59.8 in2	36.0 in2	-23.8 in2	-39.8 %
4. Minneapolis Leakage Ratio: (CFM50 per ft2 Surface Area)	0.13	0.08	-0.05	-39.8 %

Infiltration Estimates

1. Estimated Annual Average Infiltration Rate:	46.0 CFM 0.33 ACH	27.7 CFM 0.20 ACH	-18.3 CFM -0.13 ACH	-39.8 % -39.8 %
2. Estimated Design Infiltration Rate:				
Winter:	64.2 CFM 0.46 ACH	38.6 CFM 0.28 ACH	-25.5 CFM -0.18 ACH	-39.8 % -39.8 %
Summer:	48.7 CFM 0.35 ACH	29.3 CFM 0.21 ACH	-19.4 CFM -0.14 ACH	-39.8 % -39.8 %

Cost Estimates

1. Estimated Costs of Air Leakage for Heating:
2. Estimated Costs of Air Leakage for Cooling:

CFM - Cubic Ft/Min

ACH - Air Changes/Hr