

BUILDING LEAKAGE TEST COMPARISON

LgO Services
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Test Results

	Test #1	Test #2	Change	Percent
1. Airflow at 50 Pascals:	2342 CFM 11.71 ACH	1238 CFM 6.19 ACH	-1104 CFM -5.52 ACH	-47.1 % -47.1 %
2. CFM50 per ft2 Floor Area	1.56 CFM/ft2	0.83 CFM/ft2	-0.74 CFM/ft2	-47.1 %
3. Leakage Areas:				
Canadian EqLA @ 10 Pa:	241.8 in2	127.8 in2	-114.0 in2	-47.1 %
LBL ELA @ 4 Pa:	128.6 in2	68.0 in2	-60.6 in2	-47.1 %
4. Minneapolis Leakage Ratio: (CFM50 per ft2 Surface Area)	0.20	0.10	-0.09	-47.1 %

Infiltration Estimates

1. Estimated Annual Average Infiltration Rate:	98.8 CFM 0.49 ACH	52.2 CFM 0.26 ACH	-46.6 CFM -0.23 ACH	-47.1 % -47.1 %
2. Estimated Design Infiltration Rate:				
Winter:	137.9 CFM 0.69 ACH	72.9 CFM 0.36 ACH	-65.0 CFM -0.33 ACH	-47.1 % -47.1 %
Summer:	104.6 CFM 0.52 ACH	55.3 CFM 0.28 ACH	-49.3 CFM -0.25 ACH	-47.1 % -47.1 %

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