



BUILDING LEAKAGE TEST COMPARISON

Closer Look Inspections
 Construction, Environmental & Energy Consultants
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Test #1		Test #2	
Test File:	testhouse1	Test File:	testhouse2
Date of Test:	11/3/2005	Date of Test:	12/16/2005
Customer:	Anonymous 0000 Anystreet Cleveland, OH 00000	Customer:	C.L.I. Study House 0000 Anystreet Cleveland, OH 00000
Phone:	000-000-0000	Phone:	000-000-0000

Test Results

	Test #1	Test #2	Change	Percent
1. Airflow at 50 Pascals:	5784 CFM 27.08 ACH	2594 CFM 12.14 ACH	-3190 CFM -14.94 ACH	-55.2 % -55.2 %
2. CFM50 per ft2 Floor Area	3.61 CFM/ft2	1.62 CFM/ft2	-1.99 CFM/ft2	-55.2 %
3. Leakage Areas:				
Canadian EqLA @ 10 Pa:	578.4 in2	260.3 in2	-318.1 in2	-55.0 %
LBL ELA @ 4 Pa:	302.0 in2	136.2 in2	-165.8 in2	-54.9 %
4. Minneapolis Leakage Ratio: (CFM50 per ft2 Surface Area)	2.89	1.30	-1.60	-55.2 %

Infiltration Estimates

1. Estimated Annual Average Infiltration Rate:	330.5 CFM 1.55 ACH	149.1 CFM 0.70 ACH	-181.5 CFM -0.85 ACH	-54.9 % -54.9 %
2. Estimated Design Infiltration Rate:				
Winter:	564.1 CFM 2.64 ACH	254.4 CFM 1.19 ACH	-309.7 CFM -1.45 ACH	-54.9 % -54.9 %
Summer:	274.9 CFM 1.29 ACH	124.0 CFM 0.58 ACH	-150.9 CFM -0.71 ACH	-54.9 % -54.9 %

Cost Estimates

1. Estimated Costs of Air Leakage for Heating:	\$757	\$339	\$-417	-55.2 %
2. Estimated Costs of Air Leakage for Cooling:				

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Zone Data:

Test #1:

Zone Name	Reference	Building to Zone @50Pa (Pa)	Zone to Outside @50Pa (Pa)	+/- Zone Pressure (Pa)	Pressure Ratio	+/- Pressure Ratio
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Test #2:

Zone Name	Reference	Building to Zone @50Pa (Pa)	Zone to Outside @50Pa (Pa)	+/- Zone Pressure (Pa)	Pressure Ratio	+/- Pressure Ratio
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