

Date of Test: February, 13 2008

Technician: Jeffrey Knutson

Customer: City of Madison
1217 Williamson ST
Madison, WI 53719
Phone: 608-266-4668

Building Address 1217 Williamson ST
Madison, WI 53719

Test Results:	Pre Test Results:	Post Test Results:
Airflow @ 50 Pascals: (50 Pa = 0.2 w.c)	9463 CMF 4.28 ACH 0.94 CFM per ft2 floor area	6151 CMF 2.79 ACH 0.61 CFM per ft2 floor area

Leakage Areas:	933.2 in2 Canadian eqLA @ 10 Pa 483.4 in2 LBL ELA @ 4 Pa	592.4 in2 Canadian eqLA @ 10 Pa 302.8 in2 LBL ELA @ 4 Pa
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Minneapolis leakage Ratio:	.076 CFM50 per ft2 surface area	.050 CFM50 per ft2 surface area
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Testing Settings:	Test Mode: = Depressurization Equipment = 3 Model 3 Minneapolis Blower Door	Test Mode: = Depressurization Equipment = 3 Model 3 Minneapolis Blower Door
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Estimated Average Annual Infiltration Rate:	828.9 CFM 0.38 ACH	519.2 CFM 0.24 ACH
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Estimated Design Infiltraion Rate:	Winter:	890.1 CFM 0.4 ACH	557.5 CFM 0.25 ACH
	Summer:	483.4 CFM 0.22 ACH	30.08 CFM 0.14 ACH

Cost Estimated Cost of Air Leakage for Heating & Cooling

	3,312	CMF'S Dropped
\$	<u>0.60</u>	Per CMF Dropped
\$	1,987.20	Savings Per Year
		5 years guarantee
\$	9,936.00	Estimated Savings over a 5 year Period
\$	8,372.00	Cost of Rectify
	4.21	Simple Payback (years)