

Date of Test: March 3, 2009
Technician: Jeffrey Knutson

Customer: City of Madison Fire Station #5
4418 Cottage Grove Road
Madison, WI 53716
Phone: 608-266-4668

Building Address 4418 Cottage Grove Road
Madison, WI 53719

Test Results:	Pre Test Results:	Post Test Results:
Airflow @ 50 Pascals: (50 Pa = 0.2 w.c)	17,980 CMF 11.98 ACH 2.14 CFM per ft2 floor area	8752 CMF 5.83 ACH 1.04 CFM per ft2 floor area
Leakage Areas:	4150.9 in2 Canadian eqLA @ 10 Pa 3489.9 in2 LBL ELA @ 4 Pa	1233.9 in2 Canadian eqLA @ 10 Pa 783.4 in2 LBL ELA @ 4 Pa
Minneapolis leakage Ratio:	1.59 CFM50 per ft2 surface area	.77 CFM50 per ft2 surface area
Testing Settings:	Test Mode: = Depressurization Equipment = 3 Model 3 Minneapolis Blower Door	Test Mode: = Depressurization Equipment = 3 Model 3 Minneapolis Blower Door

Estimated Average Annual Infiltration Rate:	3940.4 CFM 2.63 ACH	884.5 CFM 0.59 ACH
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Estimated Design Infiltration Rate:	Winter:	4587.2 CFM 3.06 ACH	1029.7 CFM 0.69 ACH
	Summer:	2519.7 CFM 1.68 ACH	565.6 CFM 0.38 ACH

Cost Estimated Cost of Air Leakage for Heating & Cooling

	9,228	CMF'S Dropped
\$	<u>0.60</u>	Per CMF Dropped
\$	5,536.80	Savings Per Year
		5 years guarantee
\$	27,684.00	Estimated Savings over a 5 year Period
\$	8,399.00	Cost of Rectify
	3.30	Simple Payback (years)