



## AIR LEAKAGE REPORT

Date: January 09, 2009 Rating No.:

Building Name: Home Energy Rating Rating Org.: NorthWoods Energy  
Owner's Name: Northern Michigan Phone No.: (800) 661-2611  
Property: Saginaw Rater's Name: Flint Energy Rating  
Address: Upper peninsula, MI Rater's No.:

Builder's Name: Flint Energy Rater  
Weather Site: Traverse City, MI Rating Type: Site Visit  
File Name: Lansing Grand Rapids Energy Rater.blg Rating Date: 7-29-08

Whole House Infiltration	Blower door test	
	Heating	Cooling
Natural ACH:	0.89	0.68
ACH @ 50 Pascals:	13.39	13.39
CFM @ 25 Pascals:	2963	2963
CFM @ 50 Pascals:	4650	4650
Eff. Leakage Area:	255.3	255.3
Specific Leakage Area:	0.00083	0.00083
ELA/100 sf shell:	5.17	5.17

Total Duct Leakage to Outside	
CFM @ 25 Pascals:	150
CFM25 / CFMfan:	0.1254
CFM25 / CFA:	0.0698
CFM per Std 152:	N/A
CFM per Std 152 / CFA:	N/A
CFM @ 50 Pascals:	235
Eff. Leakage Area:	12.92
Thermal Efficiency:	N/A

Ventilation	
Mechanical:	None
Sensible Recovery Eff. (%):	0.0
Total Recovery Eff. (%):	0.0
Rate (cfm):	0
Hours/Day:	24.0
Fan Watts:	0.0
Cooling Ventilation:	Natural Ventilation

### ASHRAE 62.2 - 2003 Ventilation Requirements

For this home to comply with ASHRAE Standard 62.2 - 2003 Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential cfm of mechanical ventilation must be provided continuously, 24 hours per day. Alternatively, an intermittently operating mechanic be used if the ventilation rate is adjusted accordingly. For example, a 103 cfm mechanical ventilation system would need to operat long as the system operates to provide required average ventilation once each hour.