

BUILDING LEAKAGE TEST

Date of Test: 6/2/2020
Test File: 58-1688 Bortz

Technician: Mark Fredenberg

Customer: Ultimate / Bortz

Building Address: N87 W23247 N Lisbon Road
Lisbon, WI 53089

Phone

Test Results

- Airflow at 50 Pascals:
(50 Pa = 0.2 w.c.)
626 CFM (+/- 0.2 %)
0.81 ACH
0.13 CFM per ft2 floor area
- Leakage Areas:
66.8 in2 (+/- 1.8 %) Canadian EqLA @ 10 Pa
36.2 in2 (+/- 2.9 %) LBL ELA @ 4 Pa
- Minneapolis Leakage Ratio: 0.07 CFM50 per ft2 surface area
- Building Leakage Curve:
Flow Coefficient (C) = 53.5 (+/- 4.5 %)
Exponent (n) = 0.629 (+/- 0.011)
Correlation Coefficient = 0.99933
- Test Settings:
Test Standard: = CGSB
Test Mode: = Depressurization
Equipment = Model 3 Minneapolis Blower Door

Infiltration Estimates

- Estimated Average Annual Infiltration Rate:
48.0 CFM
0.06 ACH
12.0 CFM per person
- Estimated Design Infiltration Rate:
Winter: 66.4 CFM
0.09 ACH
Summer: 32.4 CFM
0.04 ACH
- Recommended Whole Building Mechanical
Ventilation Rate: (based on ASHRAE 62.2-2003) 80.0 CFM

Cost Estimates

- Estimated Cost of Air Leakage for Heating: \$ 48 per year heating
- Estimated Cost of Air Leakage for Cooling: \$ 29 per year cooling