

BUILDING LEAKAGE TEST

Date of Test: 5 July 2014
Test File: 140705 SEE Change Therry Place

Technician: Jen

Customer:

Building Address: 4 Therry Place
Watson

Test Results at 50 Pascals:

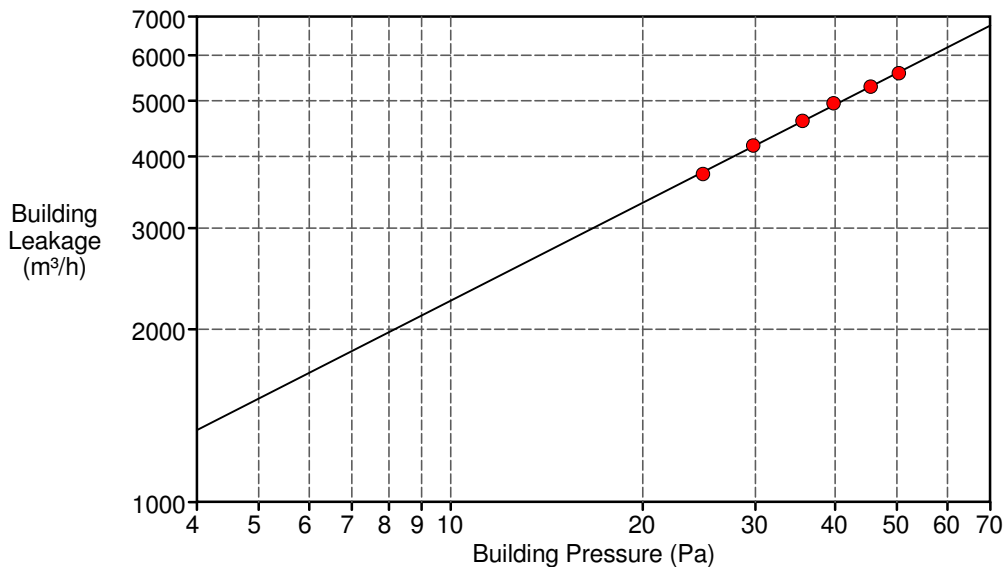
V50: Airflow (m³/h) 5586 (+/- 0.4 %)
n50: Air Changes per Hour (1/h) 18.31
w50: m³/(h*m² Floor Area) 45.05
q50: m³/(h*m² Surface Area) 18.62

Leakage Areas: 2505.2 cm² (+/- 1.5 %) Canadian EqLA @ 10 Pa or 8.35 cm²/m² Surface Area
1438.1 cm² (+/- 2.4 %) LBL ELA @ 4 Pa or 4.79 cm²/m² Surface Area

Building Leakage Curve: Air Flow Coefficient (Cenv) = 601.0 (+/- 3.9 %)
Air Leakage Coefficient (CL) = 609.2 (+/- 3.9 %)
Exponent (n) = 0.566 (+/- 0.011)
Correlation Coefficient = 0.99929

Test Standard: EN 13829 Test Mode: Depressurization
Type of Test Method: B Regulation complied with:
Equipment: Model 4 (230V) Minneapolis Blower Door

Inside Temperature:	17 °C	Volume:	305 m ³
Outside Temperature:	11 °C	Surface Area:	300 m ²
Barometric Pressure:	101325 Pa	Floor Area:	124 m ²
Wind Class:	0 Calm	Uncertainty of	
Building Wind Exposure:	Highly Protected Building	Building Dimensions:	2 %
Type of Heating:		Year of Construction:	
Type of Air Conditioning:			
Type of Ventilation:	None		



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Comments

Built 1960s
Extended 7 years ago.
Wall insulation retrofitted 3 years ago

Data Points: Depressurization

Nominal Building Pressure (Pa)	Fan Pressure (Pa)	Nominal Flow (m ³ /h)	Temperature Adjusted Flow (m ³ /h)	% Error	Fan Configuration
-0.5	n/a				
-50.9	65.4	5655	5585	-0.4	Open
-46.0	58.4	5354	5287	-0.1	Open
-40.3	50.9	5007	4945	0.8	Open
-36.1	44.1	4672	4614	0.2	Open
-30.3	35.9	4229	4176	0.3	Open
-25.4	28.4	3775	3729	-0.8	Open
-0.5	n/a				
Test 1 Baseline (Pa):		p01- = -1.0 p01+ = 0.4	p02- = -1.0 p02+ = 0.4		