

BUILDING LEAKAGE TEST Page 2 of 4Date of Test: 20/05/2021 Test File: Cat door sealed

Building Information

Internal Volume, V (m³) (according to ISO)	
Net Floor Area, A_F (m²) (according to ISO)	
Envelope Area, A_E (m²) (according to ISO)	
Height (m)	
Uncertainty of Dimensions (%)	
Year of Construction	
Type of Heating	
Type of Air Conditioning	
Type of Ventilation	None
Building Wind Exposure	Highly Protected Building
Wind Class	Calm

Equipment Information

Type	Manufacturer	Model	Serial Number	Custom Calibration Date
Fan	Energy Conservatory	Model 4 (230V)	CE3429	-
Micromanometer	Energy Conservatory	DG700	32873	15/10/2019

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Pressurization Test:

Environmental Data

Indoor Temperature (°C)	Outdoor Temperature (°C)	Barometric Pressure (Pa)
19.0	19.0	101325.0

Pre-Test

Baseline Pressure Data

Post-Test

Δp _{0,1-}	Δp _{0,1+}	Δp _{0,1}	Δp _{0,2-}	Δp _{0,2+}	Δp _{0,2}
0.0	0.0	0.0	0.0	1.1	1.1

Data Points - Semi-Automated Test (TTE 5.0.8.4)

Nominal Building Pressure (Pa)	Baseline adjusted Building Pressure (Pa)	Fan Pressure (Pa)	Nominal Flow q _r (l/s)	Adjusted Flow q _{env} (l/s)	Adjusted Flow q _L (l/s)	% Error	Fan Configuration
0.0	n/a	n/a					
63.6	63.0	23.9	17	17	17	-0.3	Ring D
58.8	58.2	21.6	16	16	16	-0.0	Ring D
52.7	52.2	18.8	15	15	15	0.3	Ring D
45.7	45.1	15.6	14	14	14	0.9	Ring D
40.7	40.1	75.8	12	12	12	-0.7	Ring E
34.3	33.7	60.5	11	11	11	-0.3	Ring E
27.9	27.3	46.1	10	10	10	0.0	Ring E
22.6	22.0	34.6	8	8	8	0.0	Ring E
15.7	15.1	21.1	6	6	6	0.1	Ring E
1.1	n/a	n/a					

Deviations from Standard ISO 9972 - Test Parameters

- The minimum pressure is not within +/- 3Pa of the greater of 10 Pa or (5 * zero-flow pressure Δp₀₁).

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Comments

Door sealed with tape.
