



FENESTRATION: THERMAL TESTING & SIMULATIONS

**NFRC APPROVED THERMAL MODELING WITH
HOTBOX VERIFICATION TESTING**

QAI Laboratories is an accredited and NFRC approved laboratory capable of performing thermal simulation for windows, doors and skylights to the NFRC and CSA standards. This allows us to support your company on the Inspection, Testing and Certification process in Canada & in the US.

Typical Testing Methods

- ASTM C 1363
- ASTM C 1423
- ASTM 1199
- AAMA 1503
- NFRC 100
- DASMA 105
- CSA 440 (NAFS)
- CSA A440-2
- NFRC 102
- NFRC 200
- NFRC 400 Air Infiltration
- NFRC 500

Tailored tests for your needs

- A completed NAFS physical test report is required for each product type when submitting for ENERGYSTAR approval.
- Thermal simulations for obtaining your product's U-Value, R-Value, Condensation Resistance, Solar Heat Gain Coefficient and Visible Transmittance.
- Mockups testing on our thermal chamber (hot-box), capable of testing samples up to 10' high x 10' wide x 1' deep.

About QAI

Founded in 1995, QAI is an independent 3rd party testing, inspection and certification agency that has established an international reputation for offering cost-effective solutions and unparalleled client experience.

For more information pertaining to QAI's testing, inspection and certification services, please contact us via: info@qai.org

