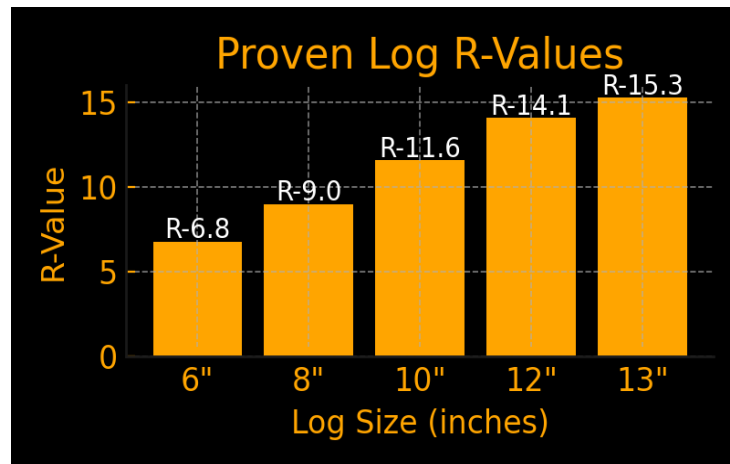




Airtightness & Energy Ratings for Log Homes

Log and timber homes have special code options. Instead of Step Code's strict air change targets, builders can use **NBC 9.36.5**, which focuses on total energy use rather than a fixed airtightness target. **NBC 9.36.5 (Performance Path)**: Flexible for log/timber homes; energy modeling considers multiple factors.

NBC 9.36.6 (Prescriptive Path): Common for conventional builds; set targets (2.5–1.0 ACH).



Why Airtightness Matters:

- Increased comfort & lower energy bills.
- Longer structural durability, fewer moisture issues.
- Typical payback in 2–5 years.

Build Tighter:

- Assign one person to oversee airtightness.
- Use proper log-home sealants.
- Seal penetrations, beams & junctions.
- Train crew to catch leaks early.

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