

## Accepted Manuscript

Consumer behavior in energy-efficient homes: the limited merits of energy performance ratings as benchmarks

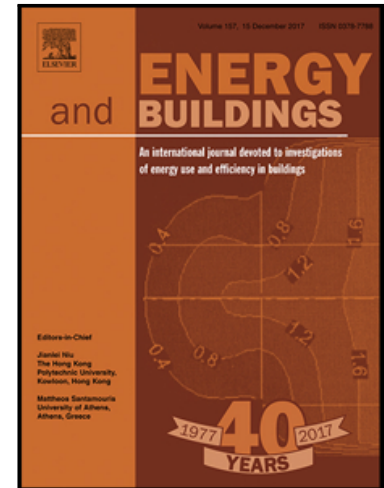
Florian Heesen , Reinhard Madlener

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### Highlights

- Heterogeneity of heating energy consumptions is mainly due to installed technology
- The technology-behavior nexus is assessed using an integrated approach
- The origin of energy performance gaps lies in the static calculation of EPRs
- The technology installed imposes certain energy consumption on the occupants
- New build/retrofits need warm-up time to achieve targeted energy consumption goals

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