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Design, assembly and energy performance of a Ventilated Active Thermoelectric Envelope module for heating

Zuazua-Ros Amaia Architect , Martín-Gómez César PhD ,
Ibáñez-Puy Elia Industrial Technologies Engineer ,
Vidaurre Arbizu Marina PhD , Ibáñez-Puy María PhD

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Highlights:

- Design description and construction of an innovative thermoelectric module.
- The thermoelectric unit avoids the use of refrigerants for heating and cooling in buildings.
- Represents an architectural based design with an engineering development.
- Challenge in the integration of the thermoelectric unit and the façade.

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