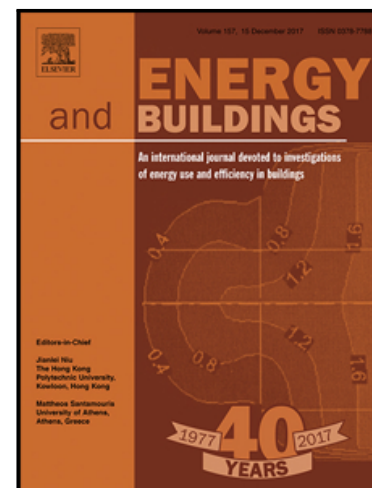


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Analysis and optimization of total heat recovery devices by using liquid desiccant as a coupling fluid in air-conditioning systems

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Highlights

- The single-stage counter-flow LDTHR device exhibits the highest enthalpy efficiency.
- Increases in the stage number improves humidity efficiency.
- Double-stage cross-flow device is a practical method that is an alternative to the counter-flow device.

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