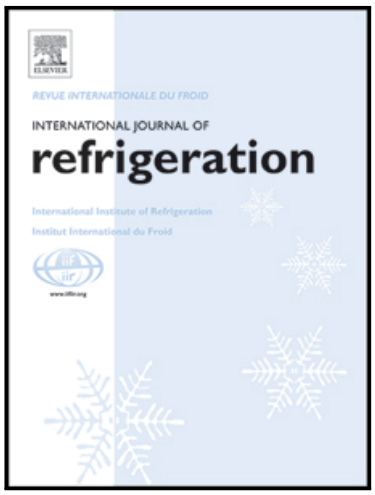

Experimental study on the performance of multi-split heat pump system with thermal energy storage

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Highlights

- A new heat pump system which uses storage thermal energy is proposed.
- The performance characteristics were studied with respect to control variables.
- The heat pump system can redress the imbalance between power supply and demand.