

## Accepted Manuscript

Performance analysis of a heat pump system with integrated desiccant for electric vehicles

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PII: S0140-7007(17)30438-3  
DOI: [10.1016/j.ijrefrig.2017.10.036](https://doi.org/10.1016/j.ijrefrig.2017.10.036)  
Reference: JIJR 3804



To appear in: *International Journal of Refrigeration*

Received date: 14 June 2017  
Revised date: 13 October 2017  
Accepted date: 30 October 2017

Please cite this article as: Li Zhang , Katsumi Hashimoto , Hiromi Hasegawa , Michiyuki Saikawa , Performance analysis of a heat pump system with integrated desiccant for electric vehicles, *International Journal of Refrigeration* (2017), doi: [10.1016/j.ijrefrig.2017.10.036](https://doi.org/10.1016/j.ijrefrig.2017.10.036)

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**Highlights**

- A heat pump system with integrated desiccant for electric vehicles was proposed.
- Simulation was performed during heating mode at low atmospheric temperatures.
- The proposed system saves more energy compared to conventional heat pumps.

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