Accepted Manuscript

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

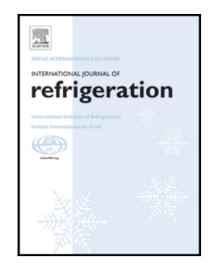
Gwi Taek Kim , Young Uk Choi , Yoong Chunh , Mo Se Kim , Keon Woo Park , Min Soo Kim

PII: S0140-7007(18)30081-1 DOI: 10.1016/j.ijrefrig.2018.01.021

Reference: JIJR 3915

To appear in: International Journal of Refrigeration

Received date: 21 May 2017 Revised date: 8 January 2018 Accepted date: 29 January 2018



Please cite this article as: Gwi Taek Kim, Young Uk Choi, Yoong Chunh, Mo Se Kim, Keon Woo Park, Min Soo Kim, Experimental study on the performance of multi-split heat pump system with thermal energy storage, *International Journal of Refrigeration* (2018), doi: 10.1016/j.ijrefrig.2018.01.021

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

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.



Download English Version:

https://daneshyari.com/en/article/7175342

Download Persian Version:

https://daneshyari.com/article/7175342

<u>Daneshyari.com</u>