

Accepted Manuscript

Title: **Experimental and numerical study of heat transfer characteristics using the heat balance in a linear compressor**

Author: Minchan Park, Jaekeun Lee, Hyoungseok Kim, Youngchull Ahn

PII: S0140-7007(16)30376-0

DOI: <http://dx.doi.org/doi: 10.1016/j.ijrefrig.2016.11.010>

Reference: IJIR 3478

To appear in: *International Journal of Refrigeration*

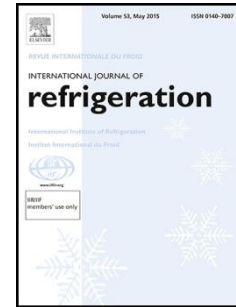
Received date: 30-4-2016

Revised date: 6-9-2016

Accepted date: 14-11-2016

Please cite this article as: Minchan Park, Jaekeun Lee, Hyoungseok Kim, Youngchull Ahn, **Experimental and numerical study of heat transfer characteristics using the heat balance in a linear compressor**, *International Journal of Refrigeration* (2016), <http://dx.doi.org/doi: 10.1016/j.ijrefrig.2016.11.010>.

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.



**Experimental and numerical study of heat transfer
characteristics using the heat balance
in a linear compressor**

**Minchan Park^a, Jaekeun Lee^b, Hyoungseok Kim^c and
Youngchull Ahn^{d,*}**

^aDepartment of Mechanical Engineering, Pusan National University, San
30, Jangjeon-Dong, Geumjung-gu, Busan, 46241, Korea

^bEco Energy Research Institute, Busan Metropolitan City, 1276 Jisa-dong,
Gangseo-gu, Busan, Korea

^cLG Electronics, 391-2 Gaeumjeong-dong, Changwon City, Gyeongnam,
Korea

^dDepartment of Architectural Engineering, Pusan National University, San
30, Jangjeon-dong Geumjung-gu, Busan, 46241, Korea

*Corresponding Author: ycahn@pusan.ac.kr

Telephone: +82-51-510-2492

FAX: +82-51-514-2230

Submit to

International Journal of Refrigeration

Download English Version:

<https://daneshyari.com/en/article/5017338>

Download Persian Version:

<https://daneshyari.com/article/5017338>

[Daneshyari.com](https://daneshyari.com)