Accepted Manuscript

Experimental investigation on ethane pulsating heat pipe based on Stirling cooler

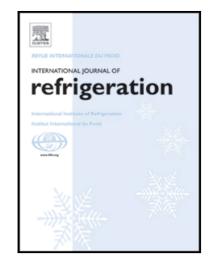
Xi Chen, Shuai Shao, Jiajia Xiang, Wentong Ma, Hua Zhang

PII: S0140-7007(18)30068-9 DOI: 10.1016/j.ijrefrig.2018.02.020

Reference: JIJR 3902

To appear in: International Journal of Refrigeration

Received date: 25 November 2017
Revised date: 31 January 2018
Accepted date: 22 February 2018



Please cite this article as: Xi Chen, Shuai Shao, Jiajia Xiang, Wentong Ma, Hua Zhang, Experimental investigation on ethane pulsating heat pipe based on Stirling cooler, *International Journal of Refrigeration* (2018), doi: 10.1016/j.ijrefrig.2018.02.020

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

- An experimental system of ethane pulsating heat pipe (EPHP) was built.
- The effects of FRs, IAs and HIs on the performance of EPHP were investigated.
- The heat transfer characteristics of EPHP with 30% FR were studied.
- The performances of EPHP under anti-gravity condition were tested.



Download English Version:

https://daneshyari.com/en/article/7175340

Download Persian Version:

https://daneshyari.com/article/7175340

<u>Daneshyari.com</u>