## **Accepted Manuscript**

Investigation on Refrigerant Transport by Capillary Effect with Fleeces in an Evaporator for a High Temperature Cooling Machine

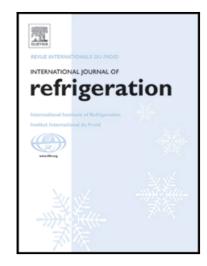
Benedict Holbein, Thomas Schulenberg

PII: S0140-7007(18)30199-3 DOI: 10.1016/j.ijrefrig.2018.05.036

Reference: JIJR 4004

To appear in: International Journal of Refrigeration

Received date: 15 January 2018 Revised date: 28 May 2018 Accepted date: 29 May 2018



Please cite this article as: Benedict Holbein, Thomas Schulenberg, Investigation on Refrigerant Transport by Capillary Effect with Fleeces in an Evaporator for a High Temperature Cooling Machine, *International Journal of Refrigeration* (2018), doi: 10.1016/j.ijrefrig.2018.05.036

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.

## Highlights

- An evaporator design using passive capillary transport is presented
- Capillary rise in fleeces is described theoretically
- Fleece properties are determined experimentally
- Fleece supported wetting is observed with evaporation experiments



## Download English Version:

## https://daneshyari.com/en/article/7175176

Download Persian Version:

https://daneshyari.com/article/7175176

<u>Daneshyari.com</u>