

Accepted Manuscript

Research on the refrigerant column height in the downcomer of a two-phase loop thermosyphon

Hanwen Cao , Tao Ding , Zhiguang He , Zhen Li

PII: S0140-7007(18)30248-2
DOI: <https://doi.org/10.1016/j.ijrefrig.2018.07.011>
Reference: IJIR 4041



To appear in: *International Journal of Refrigeration*

Received date: 8 June 2018
Revised date: 9 July 2018
Accepted date: 13 July 2018

Please cite this article as: Hanwen Cao , Tao Ding , Zhiguang He , Zhen Li , Research on the refrigerant column height in the downcomer of a two-phase loop thermosyphon, *International Journal of Refrigeration* (2018), doi: <https://doi.org/10.1016/j.ijrefrig.2018.07.011>

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

- The role of the refrigerant column in downcomer of TPLT system is studied.
- The influencing factors on refrigerant column height are investigated.
- The performance of TPLT will decline when refrigerant column exceeds condenser.
- The column height should be considered when designing a TPLT system.

Download English Version:

<https://daneshyari.com/en/article/10226467>

Download Persian Version:

<https://daneshyari.com/article/10226467>

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