

Accepted Manuscript

Title: Experimental Investigation of Two-Phase Flow Distribution in Plate-Fin Heat Exchangers

Authors: Zhe Zhang, Sunil Mehendale, JinJin Tian, YanZhong Li



PII: S0263-8762(17)30087-4
DOI: <http://dx.doi.org/doi:10.1016/j.cherd.2017.02.003>
Reference: CHERD 2564

To appear in:

Received date: 31-8-2016
Revised date: 3-1-2017
Accepted date: 1-2-2017

Please cite this article as: Zhang, Zhe, Mehendale, Sunil, Tian, JinJin, Li, YanZhong, Experimental Investigation of Two-Phase Flow Distribution in Plate-Fin Heat Exchangers. Chemical Engineering Research and Design <http://dx.doi.org/10.1016/j.cherd.2017.02.003>

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 Investigation of Two-Phase Flow Distribution in Plate-Fin Heat Exchangers

Zhe Zhang^{a,*}, Sunil Mehendale^b, JinJin Tian^a and YanZhong Li^c

^aTianjin Key Laboratory of Refrigeration Technology, Tianjin University of Commerce, Tianjin, China, 300134

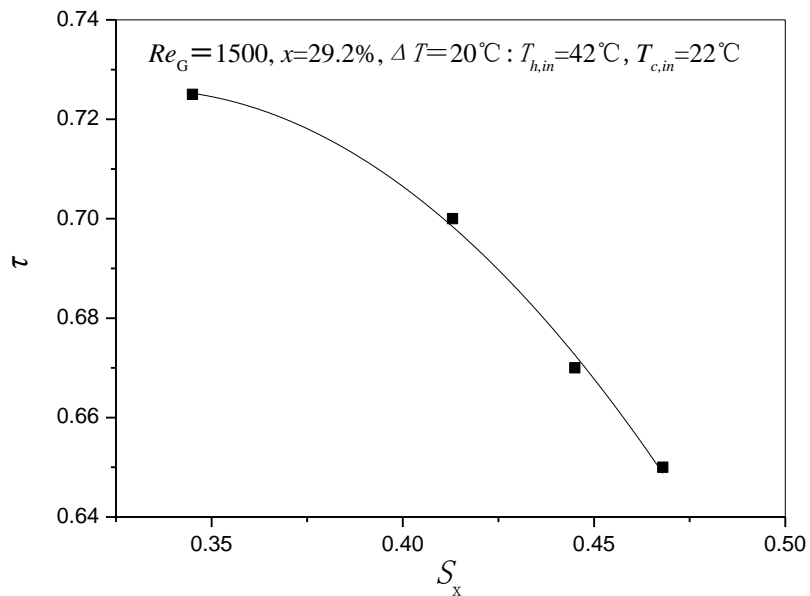
^bSchool of Technology, Michigan Technological University, Houghton, USA, 49931

^cSchool of Energy and Power Engineering, Xi'an Jiaotong University, Xi'an, China, 710049

*Corresponding author. Email: zhangzhe@tjcu.edu.cn, Tel: +8622 26686251

Graphical abstract

Figure 14 Effect of non-uniform dryness flow distribution on heat exchanger effectiveness



Download English Version:

<https://daneshyari.com/en/article/4987111>

Download Persian Version:

<https://daneshyari.com/article/4987111>

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