Accepted Manuscript

Experimental study and numerical models assessment of turbulent mixed convection heat transfer in a vertical open cavity

Guang Yang, Yiye Huang, Jingyii Wu, Liangjun Zhang, Guozhen Chen, Rongrong Lv, Aifeng Cai

PII: S0360-1323(17)30016-1

DOI: 10.1016/j.buildenv.2017.01.016

Reference: BAE 4786

To appear in: Building and Environment

Received Date: 18 November 2016

Revised Date: 6 January 2017

Accepted Date: 13 January 2017

Please cite this article as: Yang G, Huang Y, Wu J, Zhang L, Chen G, Lv R, Cai A, Experimental study and numerical models assessment of turbulent mixed convection heat transfer in a vertical open cavity, *Building and Environment* (2017), doi: 10.1016/j.buildenv.2017.01.016.

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

Experimental study and numerical models assessment of turbulent mixed convection heat transfer in a vertical open cavity

Guang Yang^{a,b,*}, Yiye Huang^a, Jingyii Wu^a, Liangjun Zhang^{a,c}, Guozhen Chen^a, Rongrong Lv^a, Aifeng Cai^a

^aInstitute of Refrigeration and Cryogenics, Shanghai Jiao Tong University, 200240 Shanghai, China

^bInstitut für Thermodynamik der Luft- und Raumfahrt, Universität Stuttgart, 70569 Stuttgart, Germany

^cShanghai Key Laboratory of Spacecraft Mechanism, Institute of Aerospace System Engineering, 201108 Shanghai, China

*Corresponding author. Tel./fax: +86 21 34206776

E-mail addresses: y_g@sjtu.edu.cn (G. Yang)

Download English Version:

https://daneshyari.com/en/article/4911536

Download Persian Version:

https://daneshyari.com/article/4911536

<u>Daneshyari.com</u>