## **Accepted Manuscript**

Experimentally validated model of heat pump water heater with a water tank in heating-up transients

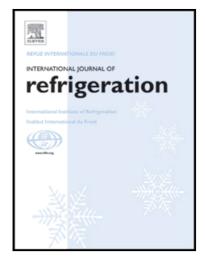
Wenzhe Li, Pega Hrnjak

PII: S0140-7007(18)30075-6 DOI: 10.1016/j.ijrefrig.2018.01.020

Reference: JIJR 3909

To appear in: International Journal of Refrigeration

Received date: 18 November 2017 Revised date: 18 January 2018 Accepted date: 22 January 2018



Please cite this article as: Wenzhe Li , Pega Hrnjak , Experimentally validated model of heat pump water heater with a water tank in heating-up transients, *International Journal of Refrigeration* (2018), doi: 10.1016/j.ijrefrig.2018.01.020

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

### Research Highlights

- A new modelling approach to simulate the transient heating-up of a HPWH
- New model links numerical description of the system with CFD simulation
- New model has been experimentally validated



#### Download English Version:

# https://daneshyari.com/en/article/7175333

Download Persian Version:

https://daneshyari.com/article/7175333

Daneshyari.com