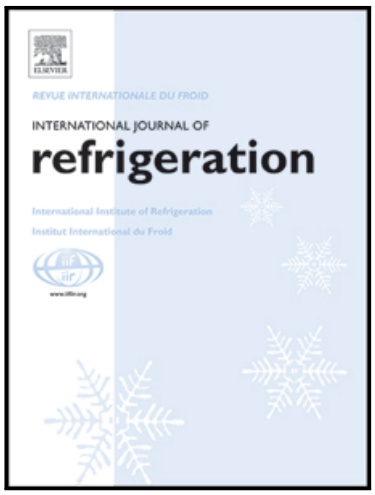
Accepted Manuscript



An analytical model for predicting the particle-deposited fin efficiency

Feilong Zhan , Dawei Zhuang , Guoliang Ding

PII: S0140-7007(18)30100-2
DOI: 10.1016/j.ijrefrig.2018.03.021
Reference: JIJR 3934

To appear in: *International Journal of Refrigeration*

Received date: 17 December 2017
Revised date: 21 March 2018
Accepted date: 25 March 2018

Please cite this article as: Feilong Zhan , Dawei Zhuang , Guoliang Ding , An analytical model for predicting the particle-deposited fin efficiency, *International Journal of Refrigeration* (2018), doi: 10.1016/j.ijrefrig.2018.03.021

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

Highlights

- An analytical model of particle-deposited fin efficiency was developed.
- Fin efficiency expressions of annular fin and rectangular fin were obtained.
- Heat transfer rate of fouled heat exchangers was predicted based on the model.
- Experimental validation of the proposed model was performed.

ACCEPTED MANUSCRIPT

دریافت فوری ← متن کامل مقاله

ISIArticles
مرجع مقالات تخصصی ایران

✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
✓ امکان دانلود نسخه ترجمه شده مقالات
✓ پذیرش سفارش ترجمه تخصصی
✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
✓ دانلود فوری مقاله پس از پرداخت آنلاین
✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات