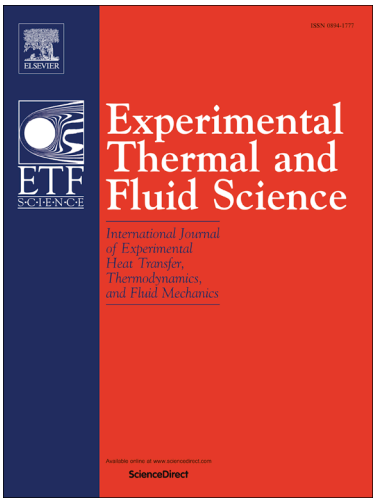

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Effects of frost growth on louvered folded fins of microchannel heat exchangers on the time-dependent air side convective heat transfer coefficient

Ehsan Moallem[1,a], Lorenzo Cremaschi[a], Daniel E. Fisher[a] and Tommy Hong[a]

[a] School of Mechanical and Aerospace Engineering, Oklahoma State University, Stillwater, OK, 74078, USA

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ABSTRACT

This paper investigated the frost formation on louvered folded fins in microchannel type heat exchangers and the effects of frost accumulation on the time dependent air side convective heat transfer coefficients during transient heat and mass transfer processes. Seven fin geometries, which were commonly used in outdoor microchannel type heat exchangers of air-source heat pump systems, were investigated for a wide

[1] Corresponding author: phone: 405 744 5900; email: moallem@okstate.edu

School of Mechanical & Aerospace Engineering, 218 Engineering North, Oklahoma State University, Stillwater, OK, 74078, USA