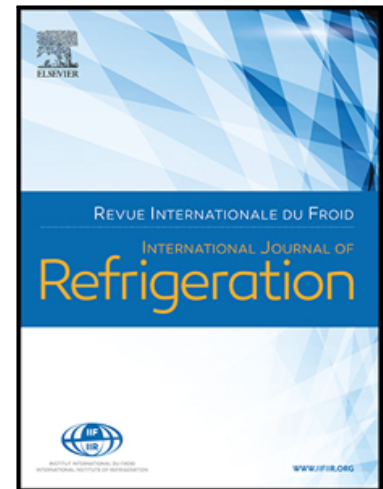


Journal Pre-proof

Performance operation of liquid ejectors for a R744 integrated multi-ejector supermarket system using a hybrid ROM

Michal Haida, Jacek Smolka, Armin Hafner, Michal Palacz, Ziemowit Ostrowski, Jakub Bodys, Ekaterini K. Kriezi, Sven Försterling, Andrzej J. Nowak, Krzysztof Banasiak

PII: S0140-7007(19)30453-0
DOI: <https://doi.org/10.1016/j.ijrefrig.2019.10.020>
Reference: IJIR 4558



To appear in: *International Journal of Refrigeration*

Please cite this article as: Michal Haida, Jacek Smolka, Armin Hafner, Michal Palacz, Ziemowit Ostrowski, Jakub Bodys, Ekaterini K. Kriezi, Sven Försterling, Andrzej J. Nowak, Krzysztof Banasiak, Performance operation of liquid ejectors for a R744 integrated multi-ejector supermarket system using a hybrid ROM, *International Journal of Refrigeration* (2019), doi: <https://doi.org/10.1016/j.ijrefrig.2019.10.020>

This is a PDF file of an article that has undergone enhancements after acceptance, such as the addition of a cover page and metadata, and formatting for readability, but it is not yet the definitive version of record. This version will undergo additional copyediting, typesetting and review before it is published in its final form, but we are providing this version to give early visibility of the article. 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.

© 2019 Published by Elsevier Ltd.

Highlights

- A hybrid reduced-order model of a R744 liquid ejector is developed.
- A satisfactory accuracy of a low-order model is obtained for wide range.
- Motive nozzle and mass entrainment ratio maps are generated.
- A liquid ejector performance maximisation at different climate zones is done.

Journal Pre-proof

Download English Version:

<https://daneshyari.com/en/article/13451510>

Download Persian Version:

<https://daneshyari.com/article/13451510>

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