

Accepted Manuscript

The application of nozzles for the attenuation of volumetric compressor pressure pulsation

Przemysław Młynarczyk , Piotr Cyklis

PII: S0140-7007(18)30101-4
DOI: [10.1016/j.ijrefrig.2018.03.022](https://doi.org/10.1016/j.ijrefrig.2018.03.022)
Reference: IJIR 3935



To appear in: *International Journal of Refrigeration*

Received date: 27 November 2017
Revised date: 17 March 2018
Accepted date: 22 March 2018

Please cite this article as: Przemysław Młynarczyk , Piotr Cyklis , The application of nozzles for the attenuation of volumetric compressor pressure pulsation, *International Journal of Refrigeration* (2018), doi: [10.1016/j.ijrefrig.2018.03.022](https://doi.org/10.1016/j.ijrefrig.2018.03.022)

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.

Highlights:

- The attenuation of compressor manifold pulsations using shaped nozzles is presented
- New parameters for the optimisation of nozzles are introduced
- A simulation method for the optimisation of nozzles is introduced
- A case study with optimised nozzle geometry for the attenuation of pressure pulsations is shown

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/7175256>

Download Persian Version:

<https://daneshyari.com/article/7175256>

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