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TITLE:

Performance analysis of a two-stage mechanical compression–ejector cooling cycle intended for micro–trigeneration system

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Highlights

- A two-stage mechanical compression–ejector cooling cycle is studied.
- The influence of the operation conditions on the system efficiency is investigated.
- The middle pressure is the important parameter for the proposed cooling system.
- A two-stage refrigeration unit intended for micro–trigeneration system is designed.

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