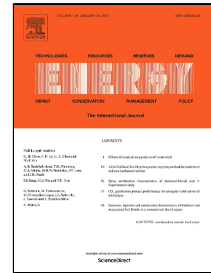


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Performance assessment of a double-lift absorption prototype for low temperature refrigeration driven by low-grade heat

Tommaso Toppi, Marcello Aprile, Marco Guerra, Mario Motta

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Highlights

- A variation of the double-lift cycle is studied for low temperature refrigeration.
- An air-cooled prototype driven by low-grade heat is modelled and tested.
- The expected low evaporation temperatures are achieved by the prototype.
- Sub-optimal performances are found at low thermal lift.
- Optimum operation in all conditions may be achieved with a controlled restrictor.

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