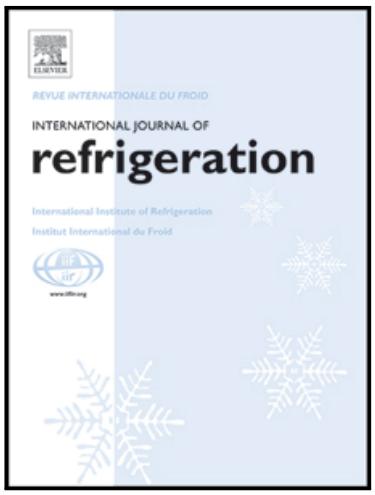

Experimental investigation of an adjustable thermoacoustically-driven thermoacoustic refrigerator

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Highlights

- An experimental investigation has been conducted on an adjustable TADTAR
- This new design allows for an adjustment of the TADTAR resonator length
- Matching between frequency output of TAE and frequency required by TAR is achieved
- The length adjustment of the resonator alters the performance of the TADTAR
- Through the resonator adjustment, a single device could have different operating points