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Experimental study of single linear compressor driving two pulse tube refrigerators with adjusting valves

Xi Chen , Yangping Zeng , Zhenhua Jiang , Yonggang Cao

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HIGHLIGHTS

- A parallel system with two adjusting valves is designed and investigated.
- Two PTCFs with same parameters have different cooling performances.
- Effects of connecting tube of PTCF on cooling performances are tested.
- The adjusting valves can effectively change the cooling performances of two PTCFs.

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