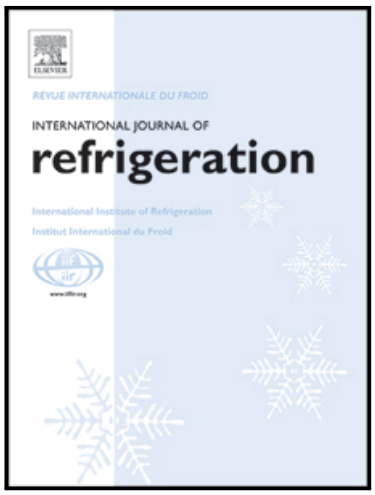

Study on connecting way of gas reservoir in a double-cold-finger pulse tube refrigerator

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Highlights

- An experimental system of double-cold-finger pulse tube refrigerator is built.
- Effects of connecting way of reservoir on cooling performance are investigated.
- The helium gas flow in reservoir is simulated.
- The overall efficiency of double-cold-finger pulse tube refrigerator is analyzed.