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Experimental investigation of the heat transfer coefficient during convective boiling of R134a in tubes with twisted tape insert

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Highlights

- Heat transfer coefficient results for horizontal flow in tubes with twisted tape inserts.
- Flow pattern results for horizontal flow in tubes with twisted tape inserts.
- Predictive method for heat transfer coefficient in nucleate boiling with twisted tape insert.
- Heat transfer coefficient predictive method for $G \geq 400$ kg/m²s.

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