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Effects of Working Fluid, Nozzle Number, Nozzle Material and Connection Type on Thermal Performance of a Ranque – Hilsch Vortex Tube: A review

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Highlights

- Effects of geometrical properties of vortex tube were clarified.
- Working fluids play vital role on thermal performance.
- Optimum vortex tube connection can be obtained for performance.
- Numerical analyses are very successful methods for simulation of RHVTs.
- Energy and exergy analysis are very significant for RHVTs.

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