

Review of: "Numerical Study of Thermal Performance on Fin and Tube Heat Exchanger with Flat Rectangular and Sinusoidal Winglet Vortex Generators"

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Potential competing interests: No potential competing interests to declare.

Paper title: Numerical Study of Thermal Performance on Fin and Tube Heat Exchanger with Flat Rectangular and Sinusoidal Winglet Vortex Generators

This manuscript is well organized and written in good English. It includes a considerable idea for using modified configurations of vortex generators to enhance the performance of a heat exchanger. I recommend accepting it for publication in "Qeios" after making the the following revised comments.

1. The nomenclature list should be added.
2. The authors considered a k- ϵ model while the range of Reynolds numbers was up to 1100. This issue should be clarified.
3. The boundary conditions should be addressed in detail.
4. The quality of figures should be clearly modified.
5. The comparison with related studies should be documented.
6. A detailed explanation of the present results should be documented.