

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.

This article with corrections can be suitable for publication; it is suggested to check and address the following points.1.

The abstract should present a rewriting and innovation of the research, methodology, and results.

2. Regarding the research gap, the authors had a partial approach.

3. What are the reasonable assumptions considered?

4. In the literature review section, the presentation of past researchers' work is fleeting and does not give a realistic picture. The innovation of the work should be expressed.

Suggest adding the following references:

<https://doi.org/10.1016/j.cep.2022.108780>

<https://doi.org/10.1007/s10973-023-12728-7>

<https://doi.org/10.1007/s40997-023-00692-4>

5. What is the reason for using the RNG k-epsilon model to predict heat transfer?

6. The details of the numerical method should be explained more.

7. Validate the obtained results.8. What is the author's technical and economic proposal regarding the present study?

9. Has this work been reviewed in terms of optimizing energy consumption?

10. A comparison between the results of previous~~other~~ studies and the results of this work in the mentioned study should be presented.

11. What are the specific outputs and achievements of the research?

12. The physical results and the relationship between the figures and contours need further discussion.