

Review of: "Refrigerant Selection in Air Conditioning Systems Considering Thermodynamic, Environmental, and Economic Performance Using the BHARAT-II Multi-Attribute Decision-Making Method"

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Potential competing interests: No potential competing interests to declare.

First of all, we would like to thank the authors for their efforts in this innovative approach.

In this study, the BHARAT-II method was used as a decision-making mechanism to make refrigerant selection more effective in domestic split air conditioners (case 1) and automobile air conditioners (case 2). The wide scope of the study and the consideration of different parameters in the evaluation have increased the impact of the study. However, some adjustments can play an effective role in realizing the importance of the study.

- Providing information about the importance and place of this method by informing about other decision-making mechanisms used in the literature will clarify the place of this study in the literature.
- Sharing a detailed schematic diagram of the method will also help to understand the implementation steps of the method better.
- In the conclusion section, summarizing the important points obtained from the study will clarify the framework of the subject. In particular, I think it would be good to explain which fluids give better results depending on the 2 cases mentioned in the study and in which respects the BHARAT-II method is better compared to the results obtained in similar situations with other methods.