

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.

The work is a good one with high degree of novelty. it addresses a new area of selection of refrigerant in air conditioning systems considering thermodynamic, environmental, and economic performance using the BHARAT-II Multi-Attribute Decision-Making Method.

Two case studies are provided to demonstrate the proposed multi-attribute decision-making method. The first case study addresses the problem of selecting the best refrigerant for residential split air conditioners out of 15 alternative refrigerants considering 12 selection attributes; the second case study addresses the problem of selecting the best refrigerant for automobile air conditioning systems by considering 14 alternative refrigerants and 13 selection attributes. The results of the proposed decision-making method are compared with those of other well-known multiattribute decision-making methods such as EDAS, TOPSIS, and MOORA.

The structuring should be improved upon.

All the equations should be numbered.