

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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I agree that making decisions is really hard when there is a lot of information. Turning information into knowledge is a big challenge today, and we are just starting to get better at it. This article demonstrates this through the process of choosing refrigerants for two applications. I think the main question posed by this article is whether current analysis methods (called objective methods) are better than subjective methods, which rely on professional judgment, experience, and the knowledge of decision-makers. This is examined in the article using a very simple method, which makes it appealing.

The steps in the methodology are very clear and easy to follow, which is great for readers who want to try this method themselves. I noticed a few minor spelling mistakes that could be fixed to improve the article. Specifically, on page 4, there should be a space between "weights" and "w_i." Additionally, on page 8, line 4, "it may be mentioned..." should start with a capital letter: "It may be mentioned..."

I suggest not concluding which method, objective or subjective, is better because decision-makers have different levels of knowledge and experience. Moreover, objective models do not account for all the factors that influence weight selection. For instance, how can someone know the thermodynamic differences of all refrigerants without testing their performance under various conditions? Similarly, how can objective models address social issues like climate change and operational risks? The challenge is very complex, so I recommend not favoring one method over the other, except for the simplicity of calculations.

In the end, the main issue is correctly assigning weights. This challenge will continue as more information becomes available. The article is interesting because it highlights the question of how we will make good decisions in a world overloaded with information.