

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

Vijay W. Bhatkar

Potential competing interests: No potential competing interests to declare.

Refrigerant selection is always a compromise between different properties. There is no best refrigerant. How much weightage we are giving to that property will decide the rank of the refrigerant. Moreover, the refrigerants are to be compared in the VCR system at the same operating conditions, which may be difficult to maintain in simple systems. The method BHARAT-II has given a better selection of refrigerant with respect to applications. It may be validated with data from the theoretical property table for different refrigerants for different performance parameters.

How are you validating the BHARAT-II in practical applications?

Can you specify where the BHARAT-II method will not be a practical choice for the selection of refrigerant?