AN IMPROVED METHOD FOR HEAT PUMPS
REFRIGERANT CHOICE

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ABSTRACT
This paper summarizes the impact of thermo-physical properties on refrigerant selection for HP: R600, R404a, R407c, R410a, R134a, R507, R134a and R717, which have zero ODP. Impact factors are not sufficient for a complete evaluation, whereas the multicriteria approach allows for an effective initial assessment of the refrigerant. Additional parameters such as efficiency and safety issues will be included in the detailed analysis.

REFERENCES