

Quality Assessment Report

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Document Name:	A_simulation_tool_for_pinch_analysis_and_heat_exchanger_heat_pump_
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Document Type:	Diagnostic Study
Assessment Tool:	QUADAS-2 (Quality Assessment of Diagnostic Accuracy Studies) - Comp
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Assessment Summary

Overall Quality Score:	7.7% (Poor)
Total Criteria Evaluated:	13
Criteria Passed:	1
Criteria Failed:	12

Quality Score Interpretation & Recommendations

Score	Rating	Interpretation & Recommendation
80-100%	Excellent	High quality study with minimal concerns. Include with high confidence.
70-79%	Good	Good quality with minor limitations. Include with moderate confidence.
60-69%	Fair	Moderate quality with some issues. Include with caution, note limitations.
0-59%	Poor	Low quality with significant concerns. Consider exclusion or major caveats.

Assessment for This Document (7.7% - Poor)

This study has significant methodological limitations that may affect the reliability of its findings. Consider excluding it from your primary analysis or include it only in sensitivity analyses with appropriate caveats.

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