Quality Assessment Report

Document Name:	A_simulation_tool_for_pinch_analysis_and_heat_exchanger_heat_pump_
Assessment ID:	338
Document Type:	Diagnostic Study
Assessment Tool:	QUADAS-2 (Quality Assessment of Diagnostic Accuracy Studies) - Comp
Report Generated:	November 25, 2026 at 10:27:30

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.

Generated by AI-Powered Literature Quality Assessment Platform