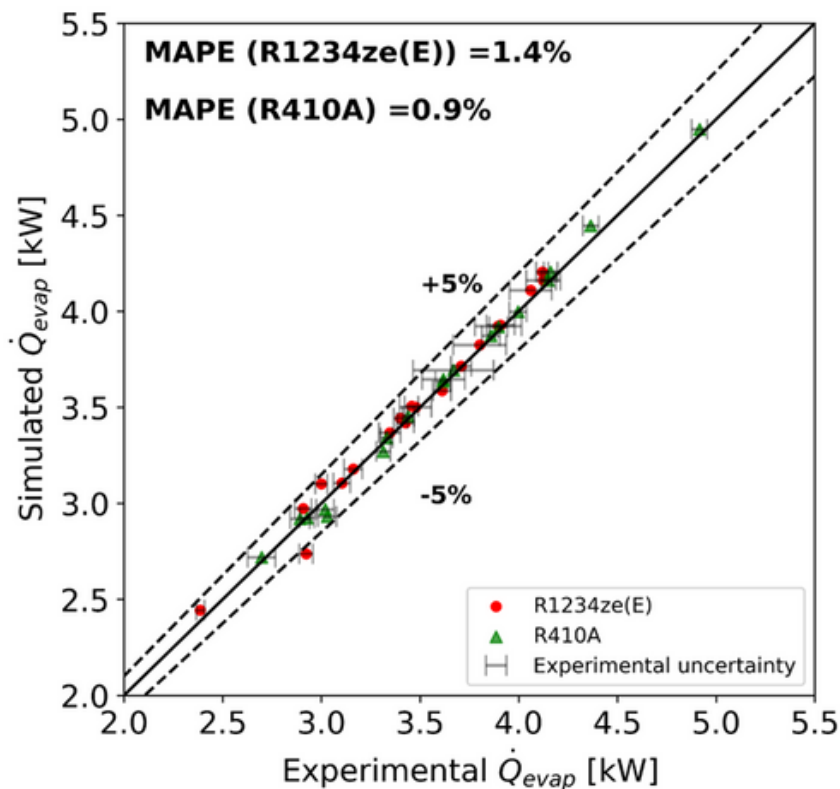


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# Low GWP Refrigerant Evaluation for Fin-tube Coils - Difference in Coil and Simulation Model Performance

*Project Number 21-05*



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## PROJECT TEAM:

Students: Matin Ghadri;  
Faculty: Christian K. Bach,  
Craig R. Bradshaw

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## Goal

Project aims to investigate the required design changes for accommodating low-GWP refrigerants in fin-tube heat exchangers, including validation of the CIBS xFin simulation model.

## Outcomes/Deliverables

This project will deliver high fidelity HX performance data sets, additional validation of the CIBS xFin simulation model, and updated heat exchanger design guidelines