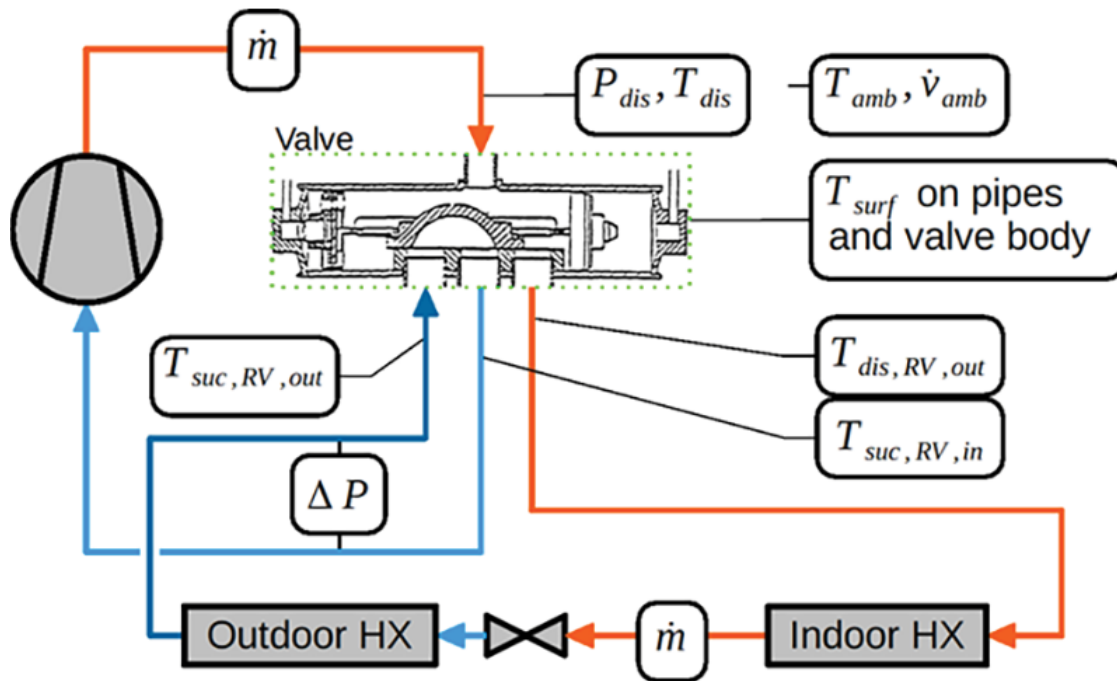

Reversing Valve Loss and Leakage Models for Low Temperature Heat Pumps

Project Number 24-01



Goal

PROJECT TEAM:

Students: Dipa Saha, Julfikar Ali, Jacob Taylor

Faculty: Christian Bach, Ardeshir Moftakhari

This project aimed to provide data for reversing valves for low-GWP refrigerants for cold climate heat pumps and semi-empirical models for pressure drop, heat loss, and leakage

Outcomes/Deliverables

This project year aimed to deliver:

1. A database of experimental reversing valve performance
2. Models to be used in members simulation tools