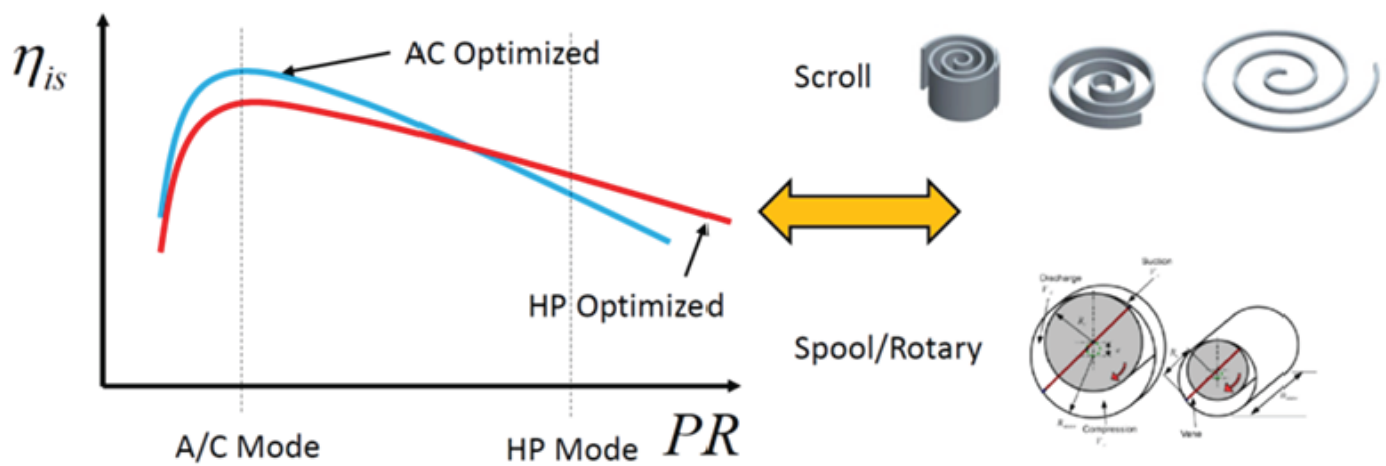


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# Compressor Technology Evaluation for Heat Pumps using Low-GWP Working Fluids

*Project Number 23-02-2*



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## Goal

### PROJECT TEAM:

Students: Mohsin Tanveer  
Faculty: Craig R. Bradshaw

This project aims to address low-GWP refrigerants and decarburization challenges by tackling the following research question, "What makes a good heat pump compressor?"

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## Outcomes/Deliverables

This project aimed to deliver:

1. A final code of scaling analysis, geometry optimization, and scroll, rotary, and spool compressors,
2. A dataset of validation information for scroll and rotary compressors