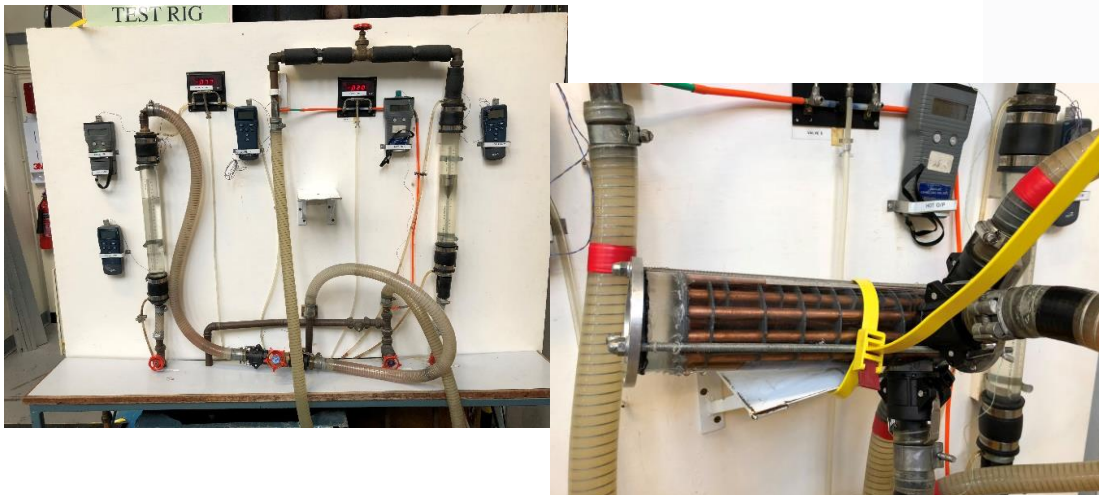


IIA GA3 Heat Exchanger Project

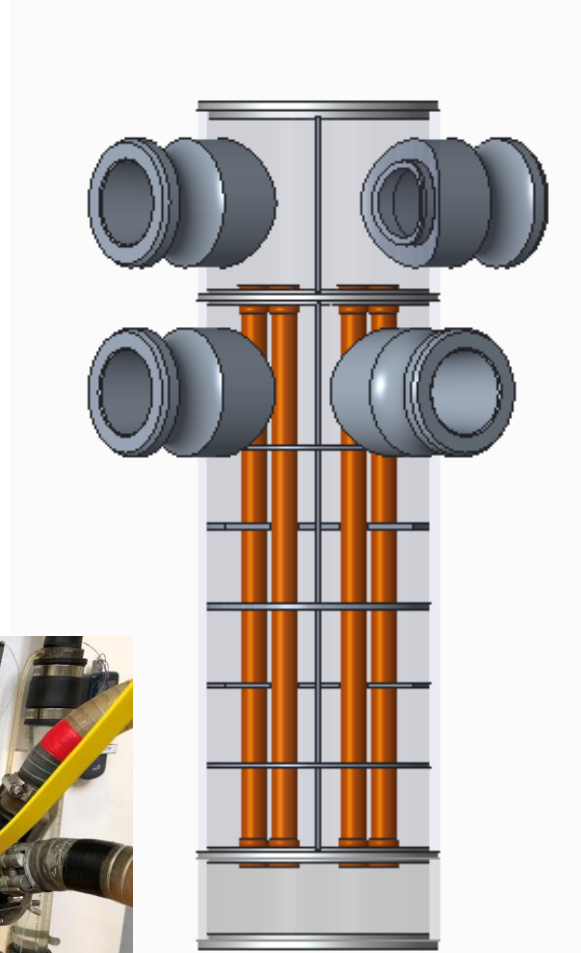
Design, Build & Test a Heat Exchanger

- Constraints on mass and length
- Determine Thermo-Fluid processes
- Write design/analysis code
- Optimise + Engineering drawings
- Parts manufactured by workshops
- Build (by students)
- Test performance

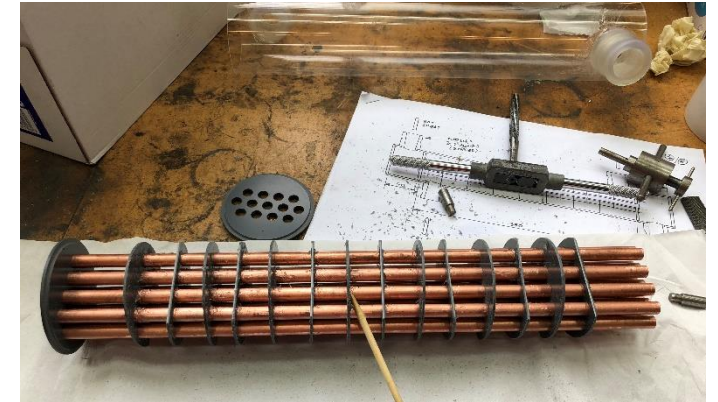
Heat Exchanger Test Facility



Heat Exchanger Design



Heat Exchanger Build



2018 Heat Exchanger Performance



10.5 kW 11.6 kW (+leak) 11.74 kW