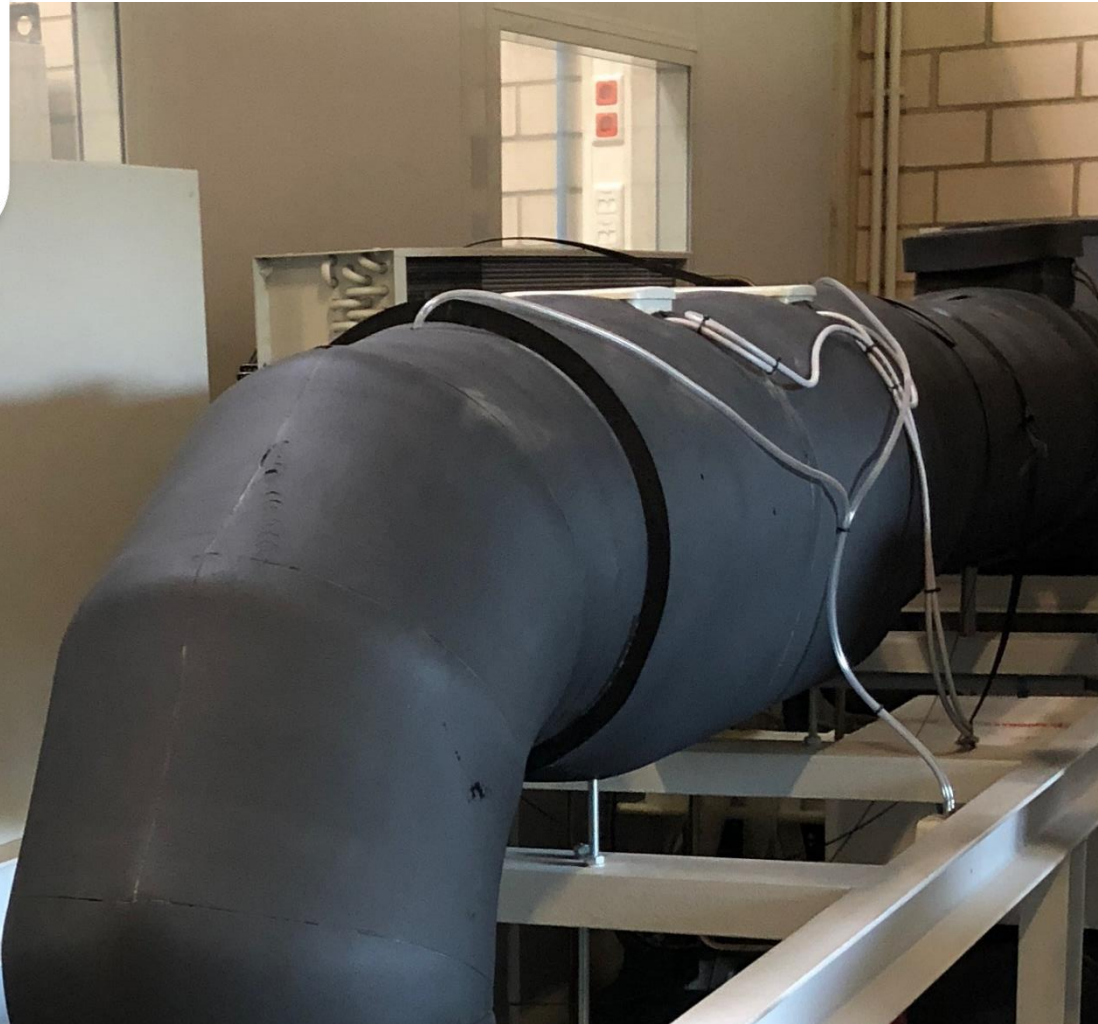


Air-cooling test bench

Plant of NRW Central Laboratory for Battery Technology

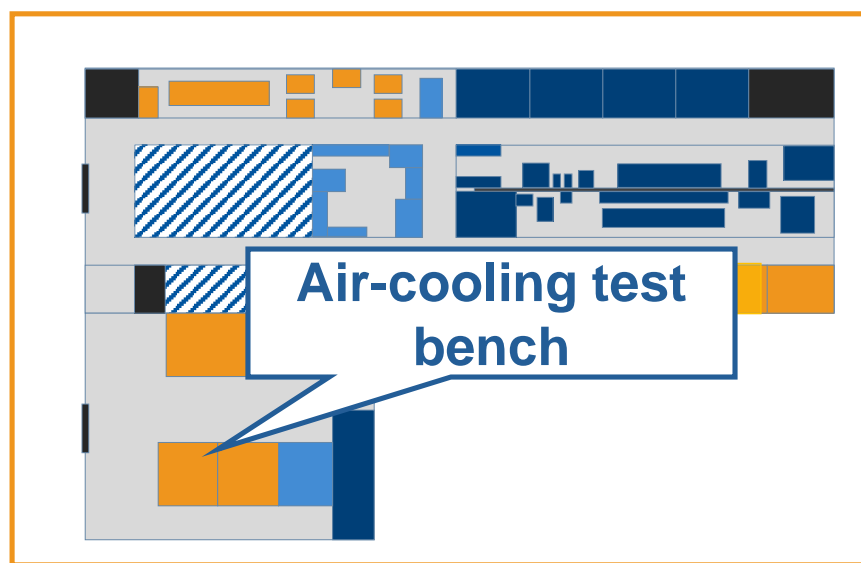


Costs:

Hourly rate:
6,91 €

Daily rate:
165,92 €

Technical specifications



Frigoline FL-1xHI-134a-Air Measuring device for the analysis of air cooling systems

- Determination of the waste heat of an air-cooled battery pack
- Power is calculated by a thermal mass flow meter
- Air volume flow adjustable
- Supply air temperature -20 °C bis 50 °C

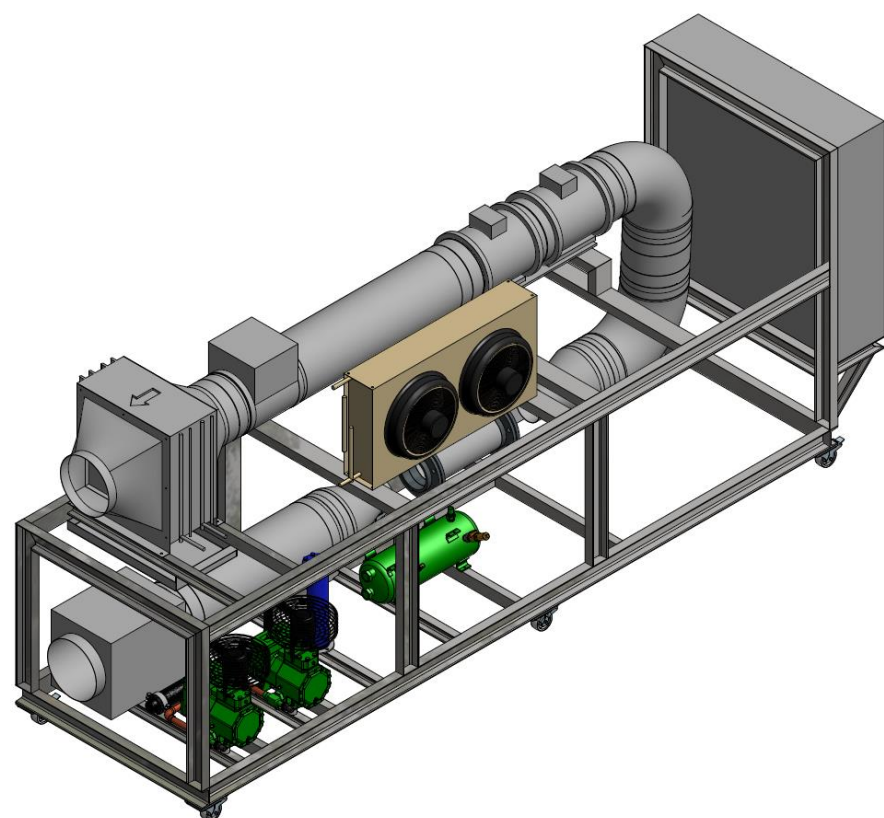
Building No. 4733, Ground floor, BAC

Qualifications required for operation

- Introduction to the machine by the rental company

Fields of application

- Design and verification of the design of air cooling systems of battery packs
 - With which air mass flow rate and at which air temperature must be cooled?
 - What pressure differences arise at a defined air mass flow



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Stromrichter-
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