

## 8 ANNEX



Figure 17: Picture of the reversible HP/ORC unit

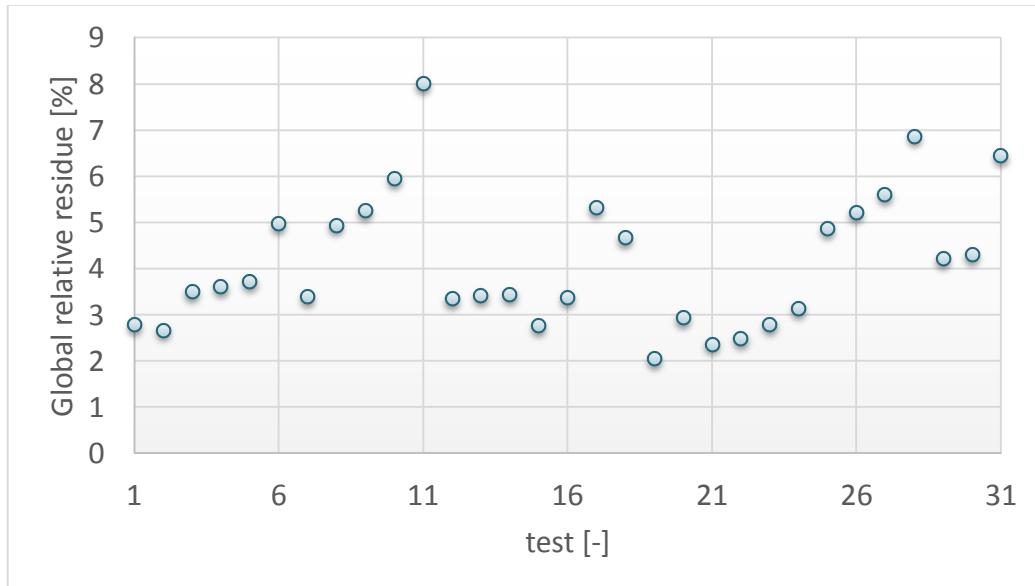


Figure 18: Global relative residue (heat pump)

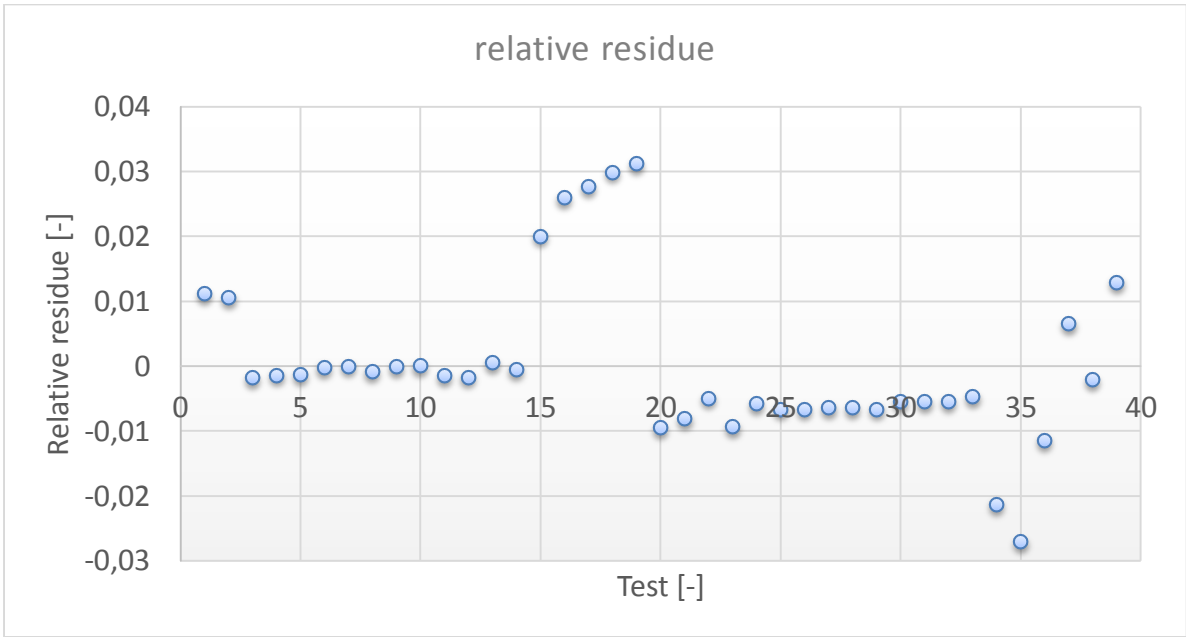


Figure 19: Global relative residue (ORC)

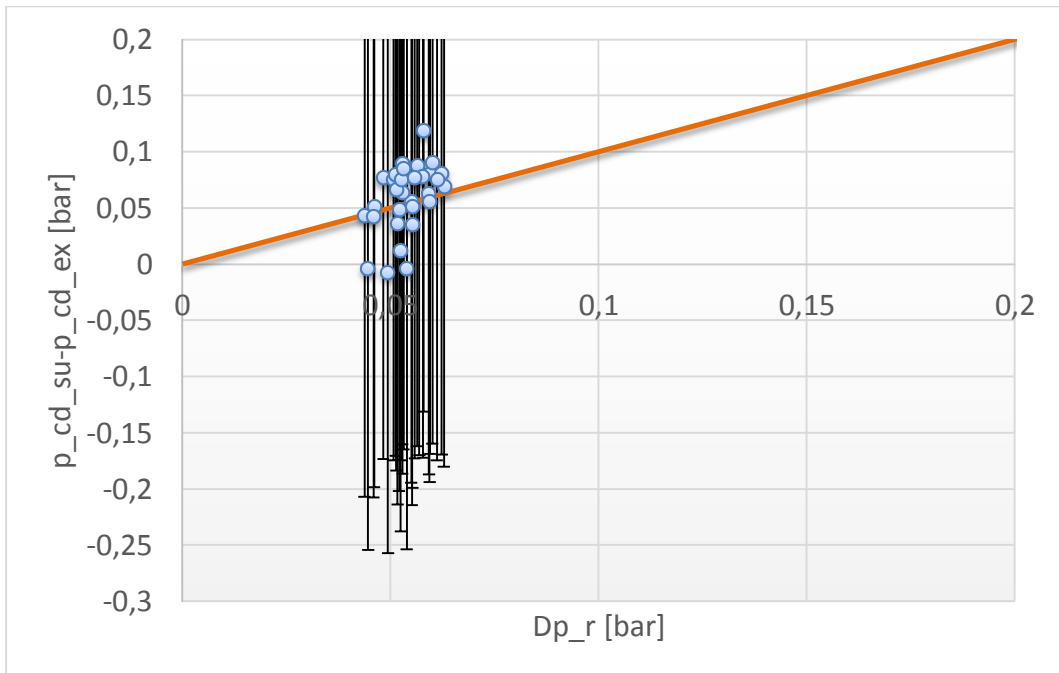


Figure 20: Cross-checking of pressure sensor of the condenser (Heat pump)

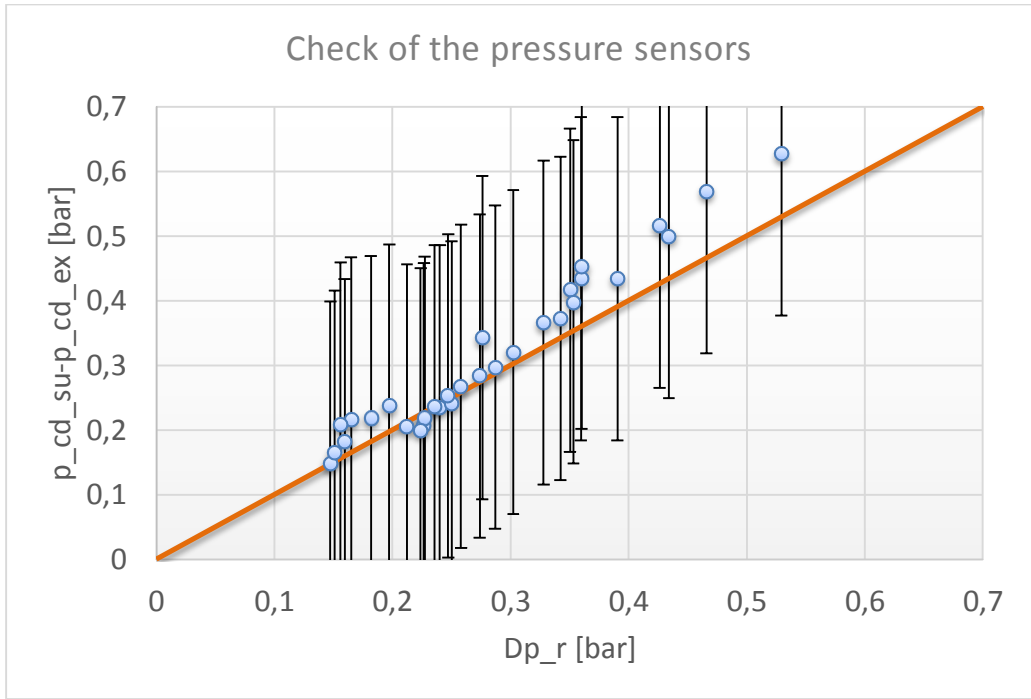


Figure 21: Cross-checking of pressure sensor of the condenser (ORC)

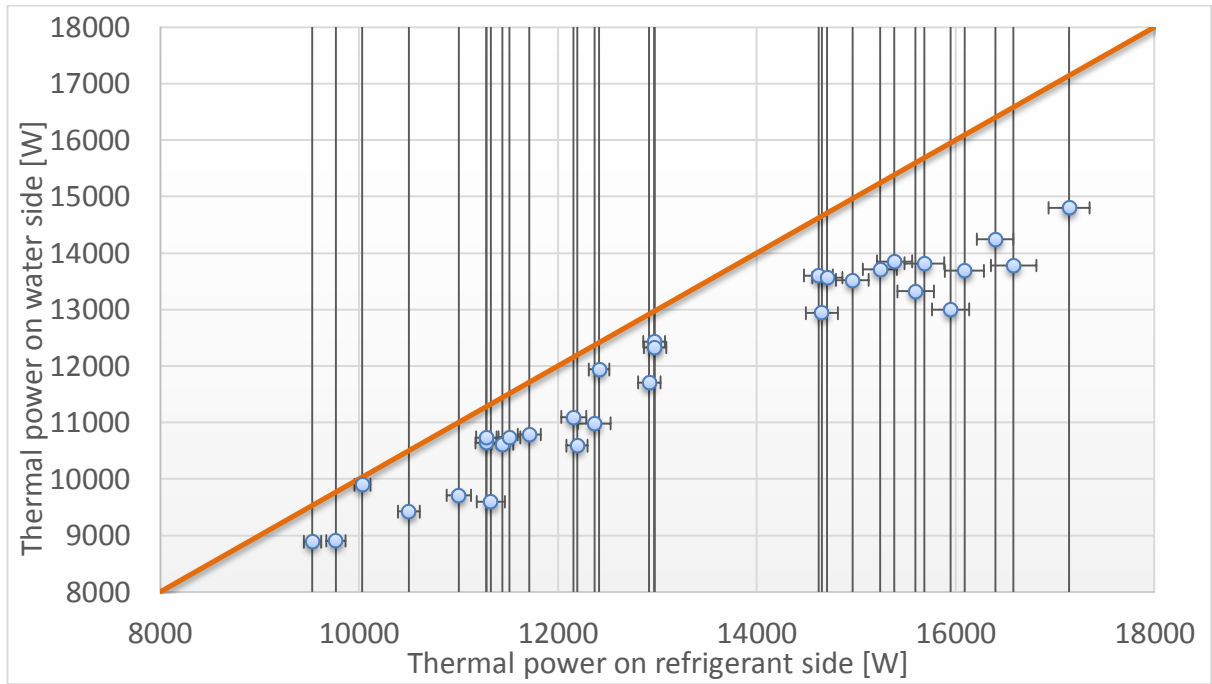


Figure 22: Heat balance on the condenser (heat pump)

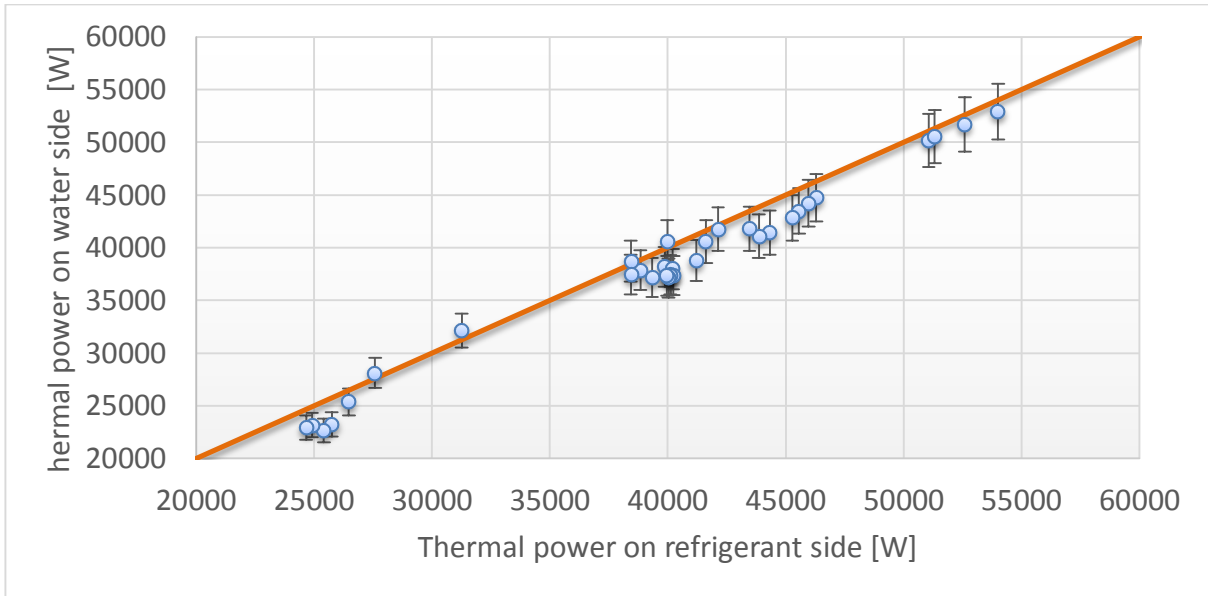


Figure 23: Heat balance on the condenser (ORC).

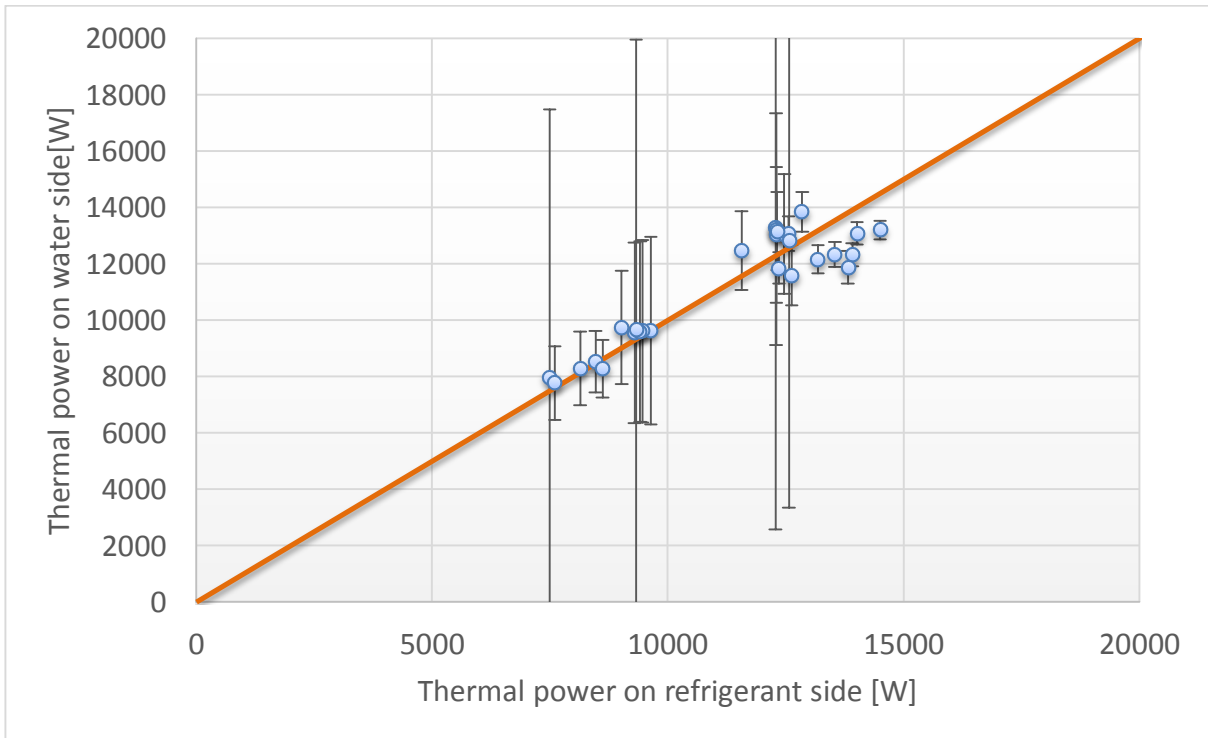


Figure 24: Evaporator heat balance (heat pump)

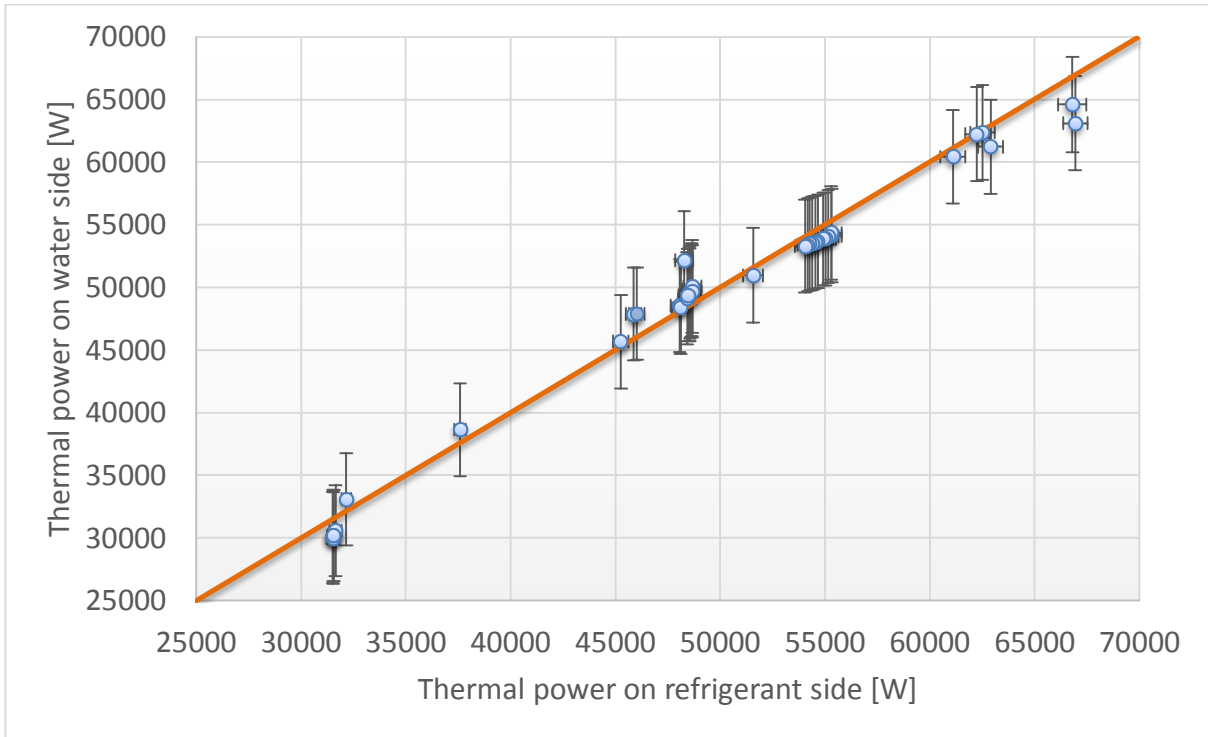


Figure 25: Evaporator heat balance (ORC)

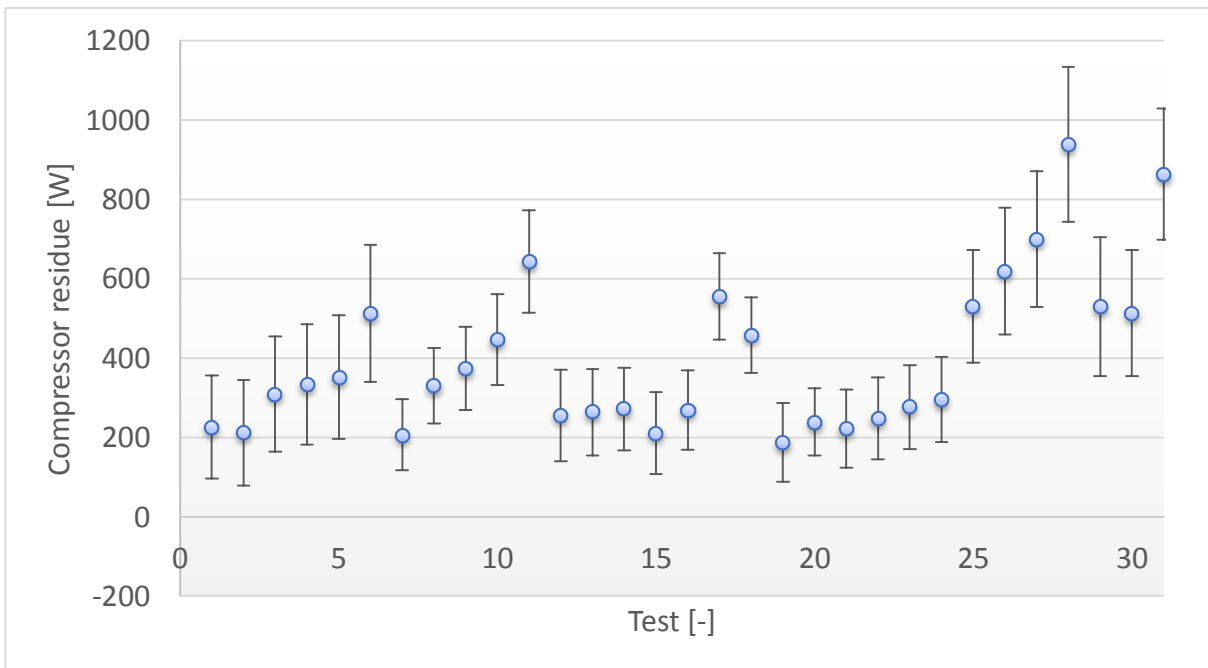


Figure 26: Compressor residue

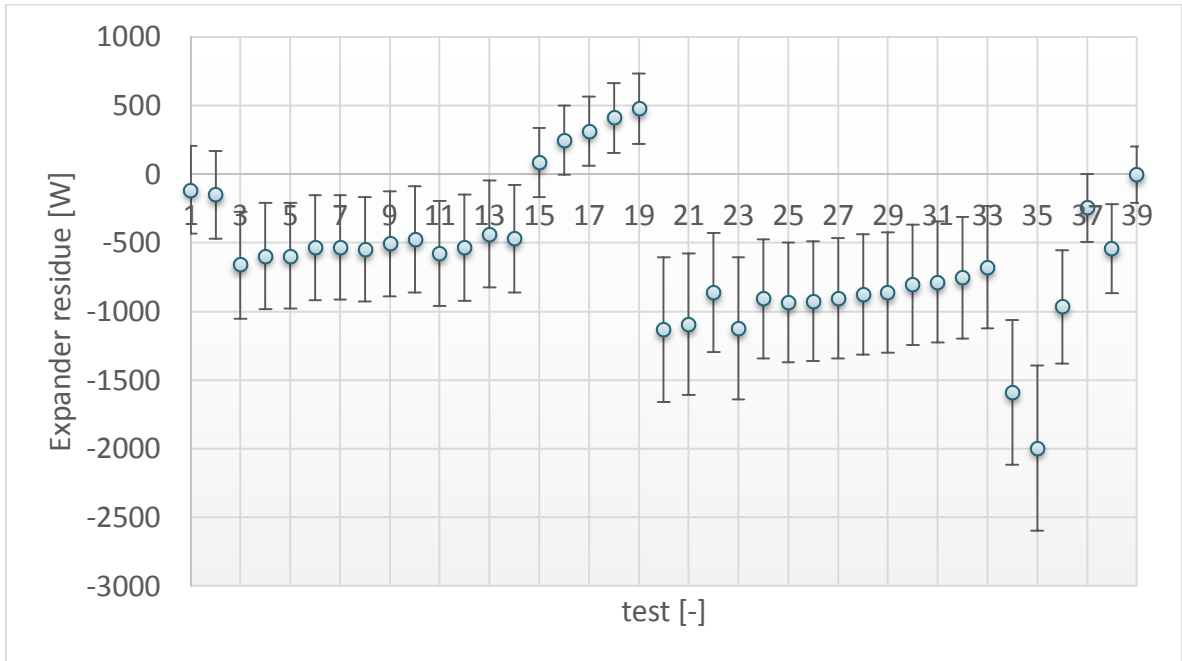


Figure 27: Expander residue

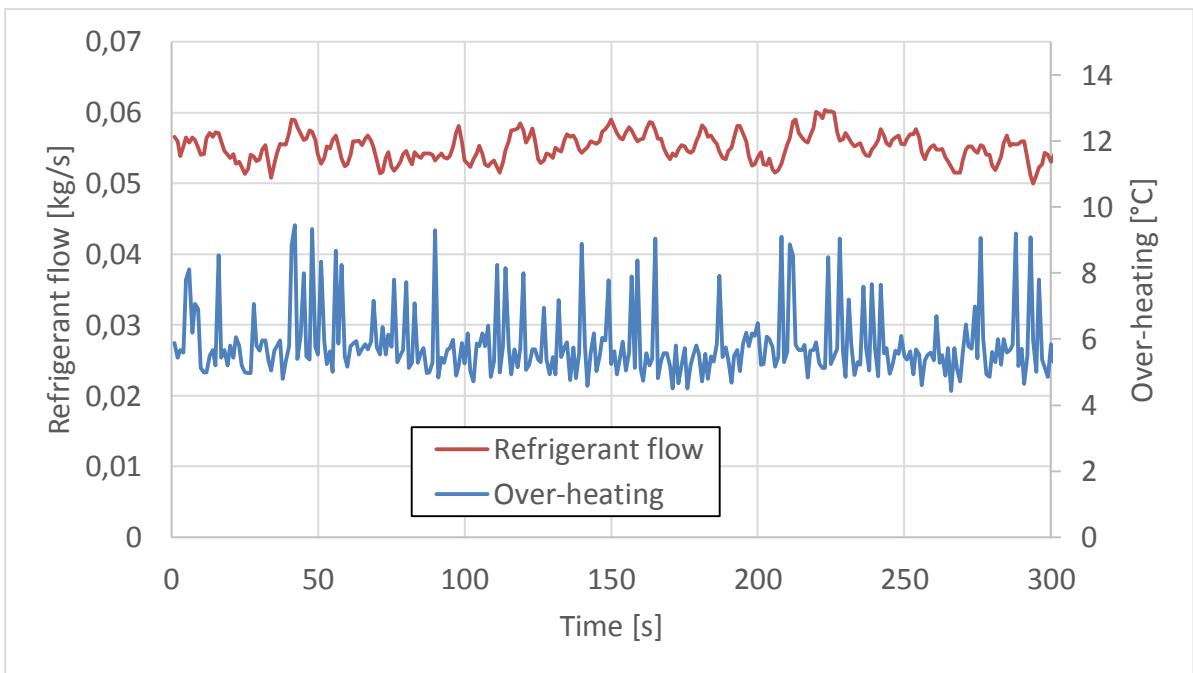


Figure 28: Oscillations of the flow due to the electronic expansion valve due to low set-point of over-heating