



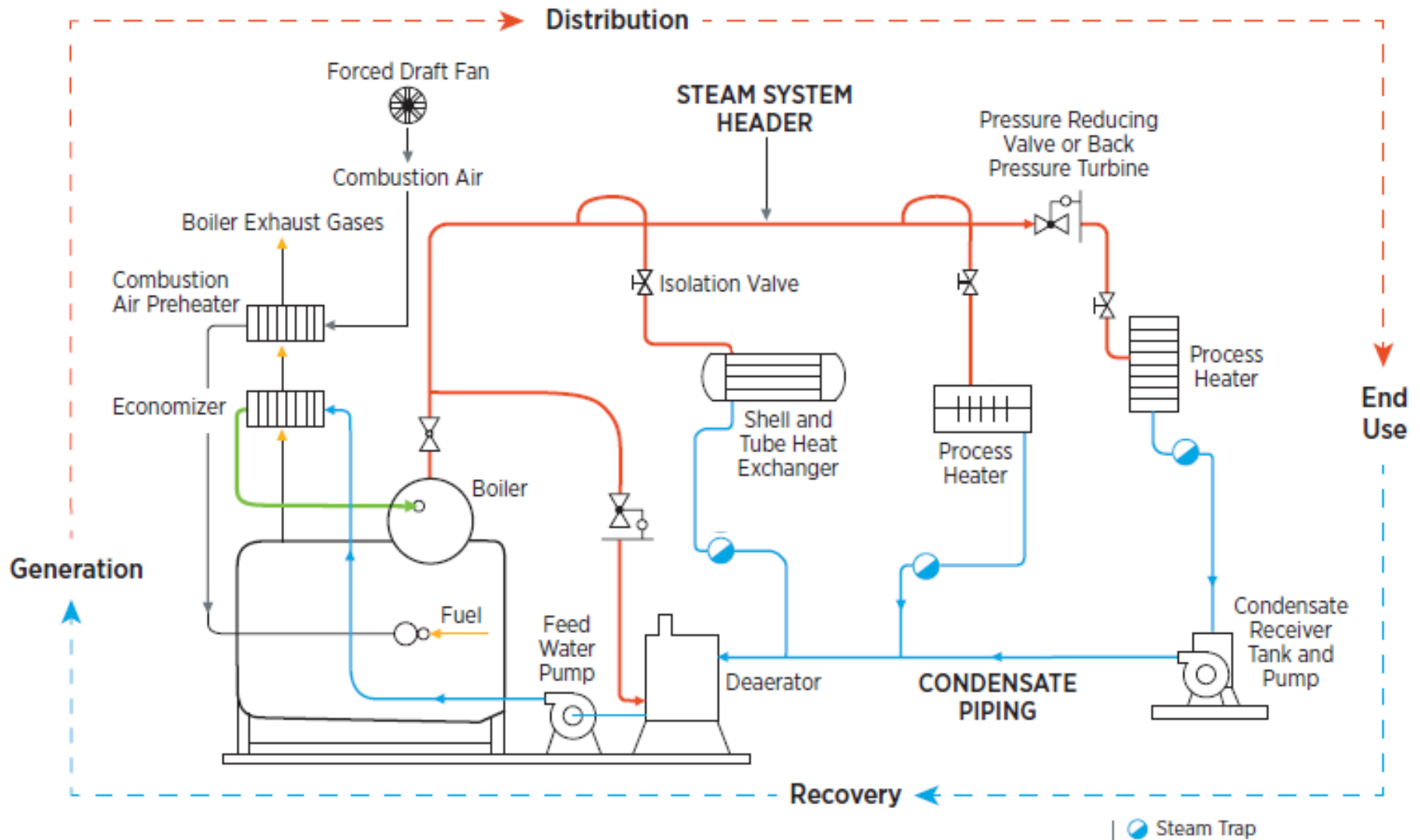
DECONINCK WANSON

WE EXCEL UNDER PRESSURE.

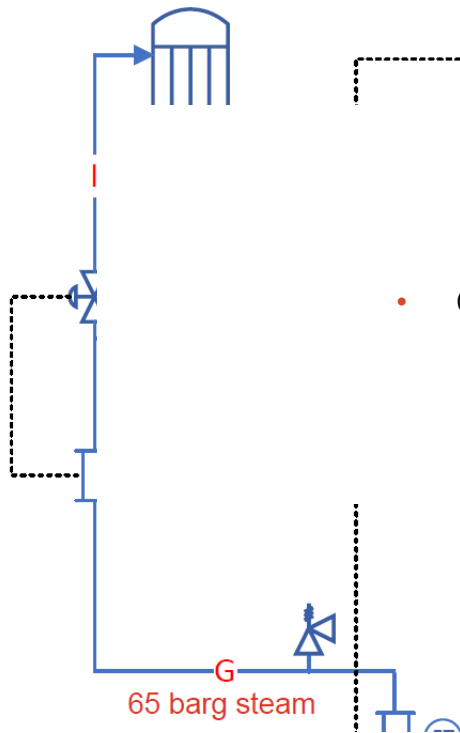
Inhoud

- Inleiding
- Traditionele stoominstallatie
- Flash vat
- Thermocompressor

Traditionele stoominstallatie



Flash vat

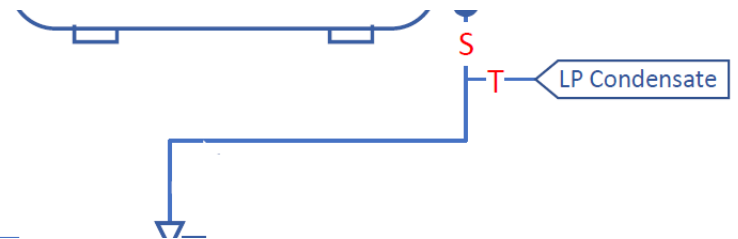


- Oorspronkelijk design:
 - Max 6.000 kg stoom/u, 65 barg
- Closed loop systeem niet mogelijk wegens enorme variaties in het proces
 - Condensaatvat op 3 barg
 - Flashstoom (verlies) => +- 30%
 - +- 1.000 kWh verlies

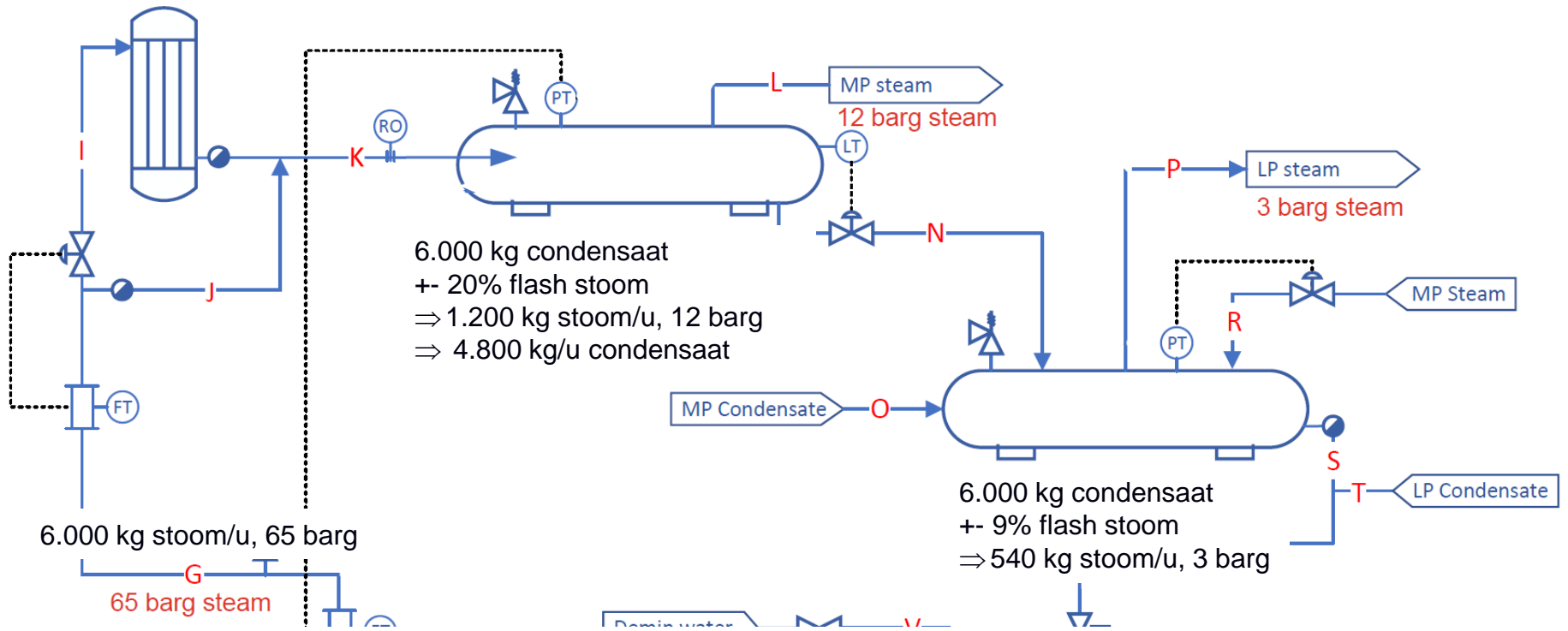
MP steam

MP Steam

Demin water

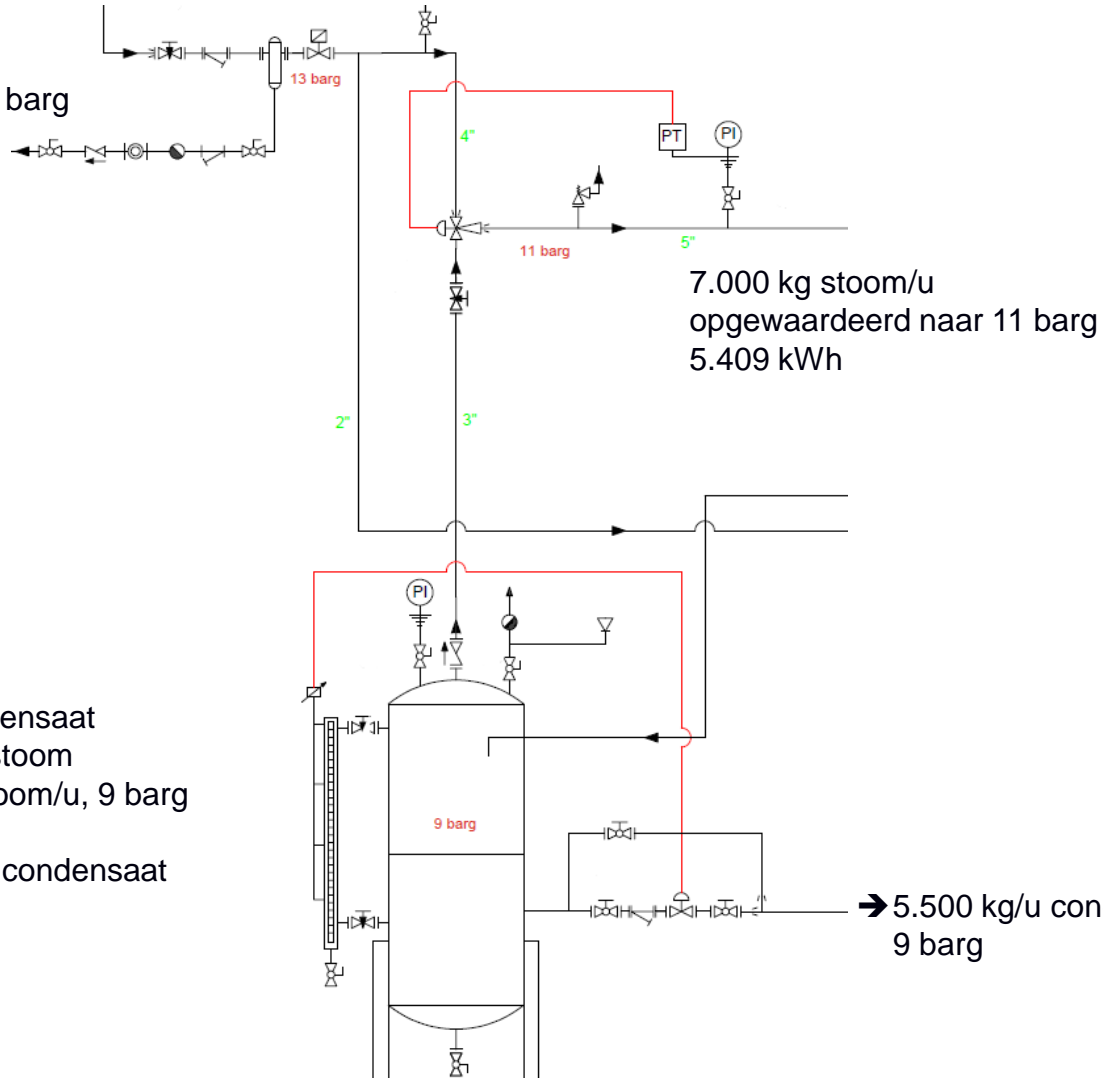


Flash vat



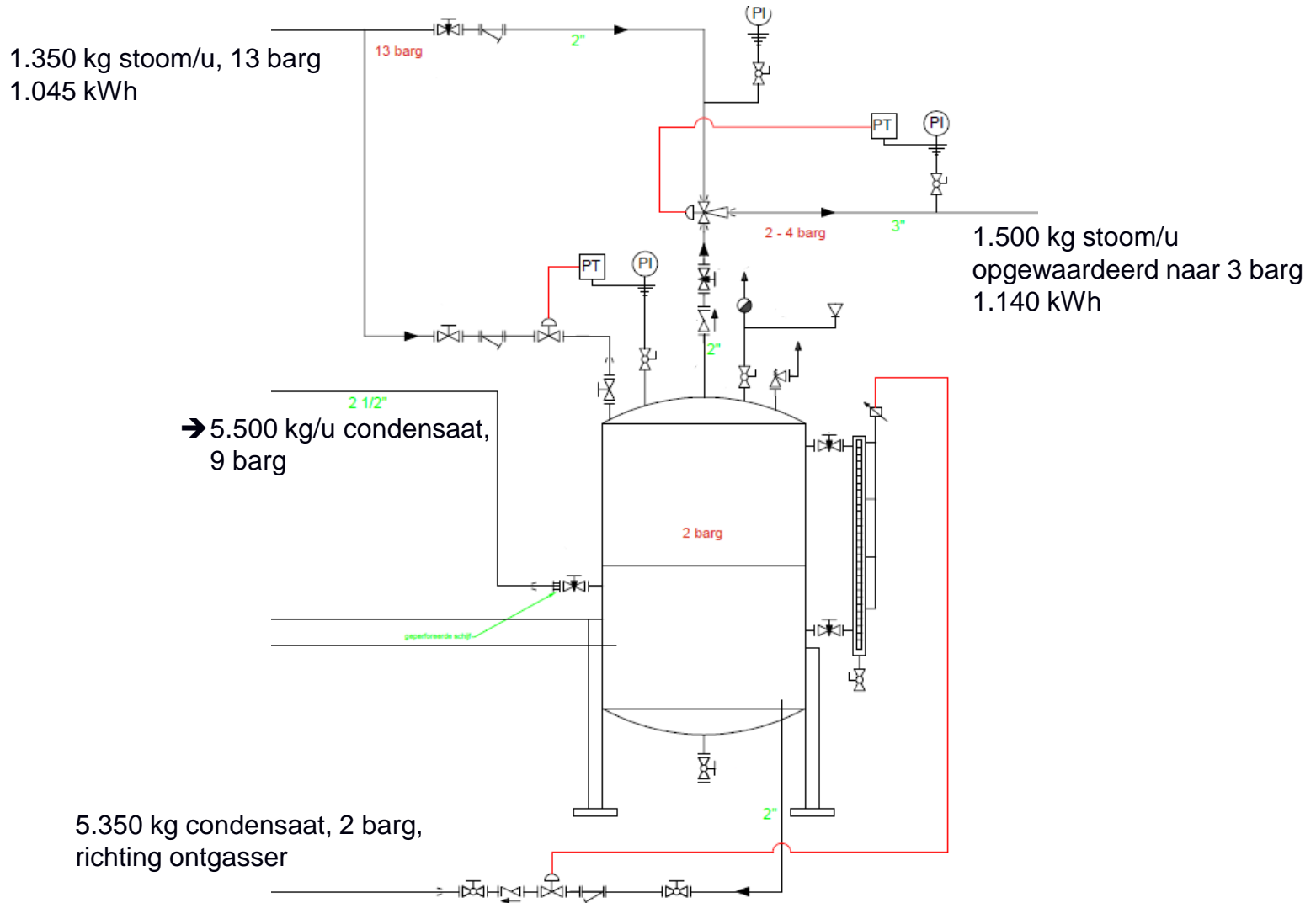
Thermocompressor

5.500 kg stoom/u, 13 barg
4.258 kWh



7.000 kg condensaat
+- 20% flash stoom
⇒ 1.500 kg stoom/u, 9 barg
1.156 kWh
⇒ 5.500 kg/u condensaat

Thermocompressor



DECONINCK-WANSON



Industriële stoomketels, stoomgeneratoren & thermische olie ketels

WE EXCEL UNDER PRESSURE.

Bezoek onze website: www.deconinck.com