

FROM HEAT TO ELECTRICITY



Made in Norrköping, Sweden



**District
heating**



Gas turbines



Geothermal



Waste heat



**Household
waste**

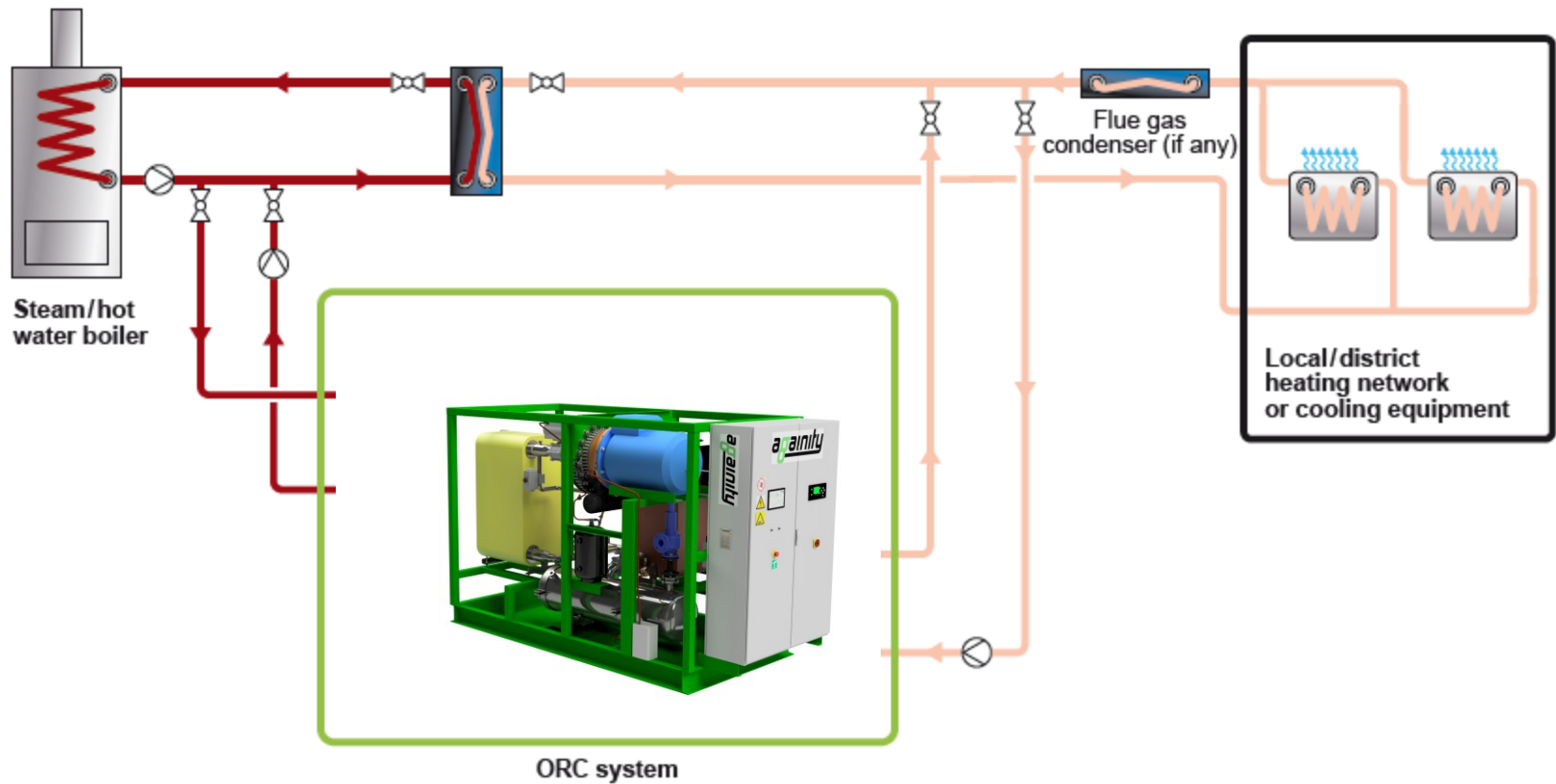
Electricity production with ORC system

Againity's ORC turbines for local and sustainable electricity production from heat sources above 80°C.

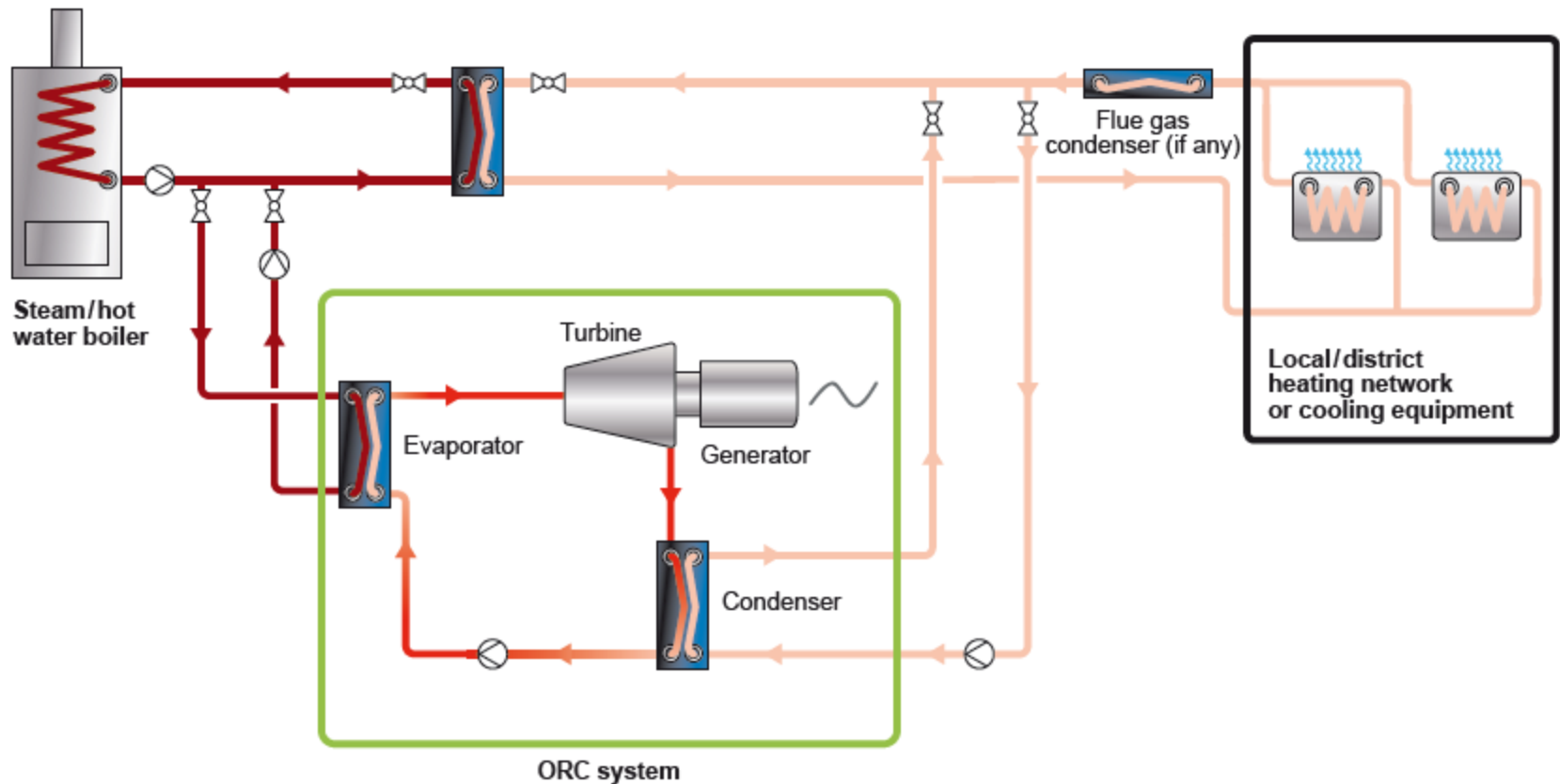


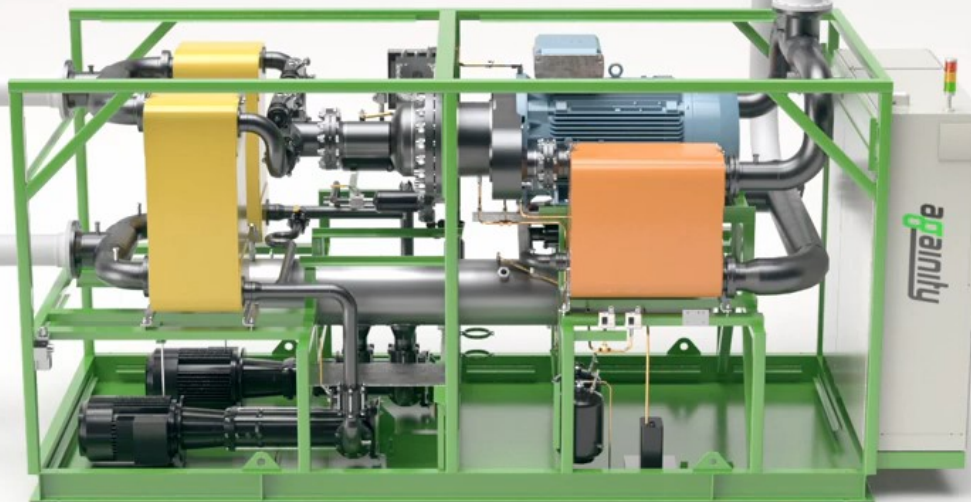
Renewable - Weather independent - Locally generated - Cost effective

ORC - example of the installation



ORC - example of the installation





The ORC system - From Heat to Electricity

ORC modules from 50 to 2500 kW

					
Installed capacity	50 kWe	100 kWe	200 kWe	500 kWe	2500 kWe
Size¹ (LxWxH)	4.1 x 1.7 x 2.5 m	4.1 x 1.7 x 2.5 m	5.5 x 2.2 x 2.5 m	6.0 x 2.2 x 2.5 m	22.0 x 2.5 x 2.9 m Size of 40 + 20 ft containers
Frequency	50–60 Hz	50–60 Hz	50–60 Hz	50–60 Hz	50–60 Hz
Weight	4.0 ton	5.0 ton	9.0 ton	12.0 ton	—
Voltage²	380–415 V	380–415 V	380–415 V	380–415 V	3000–6000 V

¹⁾ The measurements are approximate and tailored according to technical conditions of each built ORC system.

²⁾ Other voltages on request.

Referensinstallationer

1. Test plant, Norrköping (2013)
2. Chemical factory, Karlstad (2016)
3. WWTP, Norrköping, 50 kW ORC (2017)
4. Heating plant, Ronneby, 50 kW ORC (2017)
5. CHP for greenhouse, Katrineholm, 50 kW ORC (2017)
6. Heating plant, Hörby, 50 kW ORC (Oct 2018)
7. Heating plant, Örkelljunga, 250 kW ORC (2018)
8. Heating plant, Töreboda, 50 kW ORC (2019)
9. Heating plant, Moheda, 50 kW ORC (2019)
10. Landfill, Norrköping, 120 kW ORC (2019)
11. Heating plant, Högsby, 50 kW ORC (2019)
12. Waste incinerator, Elverum, 0.5 MW ORC (2019)
13. Heating plant, Perstorp, 315 kW (2020)
14. Heating plant, Vilhelmina, 250 kW (2020)
15. Heating plant, Svenljunga, 315 kW ORC (2020)
16. Heating plant, Ystad 1, 250 kW ORC (2020)
17. Waste incinerator, Finspång, 0.5 MW (2020)
18. Heating plant, Ystad 2, 250 kW ORC (2021)
19. Heating plant, Ystad 3, 250 kW ORC (2021)
20. Heating plant, Gamleby, 90 kW ORC (2021)
21. Heating plant, Gislaved, 200 kW ORC (Jun 2021)
22. Waste incinerator, Nuuk, 355 kW ORC (Jul 2021)
23. Heating plant, Flen, 100 kW ORC (Oct 2021)
24. Heating plant, Tomelilla, 100 kW ORC (Nov 2021)
25. Heating plant, Tibro, 100 kW ORC (Feb 2022)
26. Heating plant, Emmaboda, 100 kW (Mar 2022)
27. Heating plant, Karlskrona, 355 kW (Sep 2022)
28. Waste incinerator, Tallinn, 110 kW (Aug 2022)
29. Heating plant, Skurup, 100 kW (Dec 2022)
30. Lithuania, To be announced (Jan 2023)
31. Heating plant, Haapajärven lämpö, 250 kW (April 2023)

e-on

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We are happy to answer any upcoming questions and look forward to continue the collaboration.

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