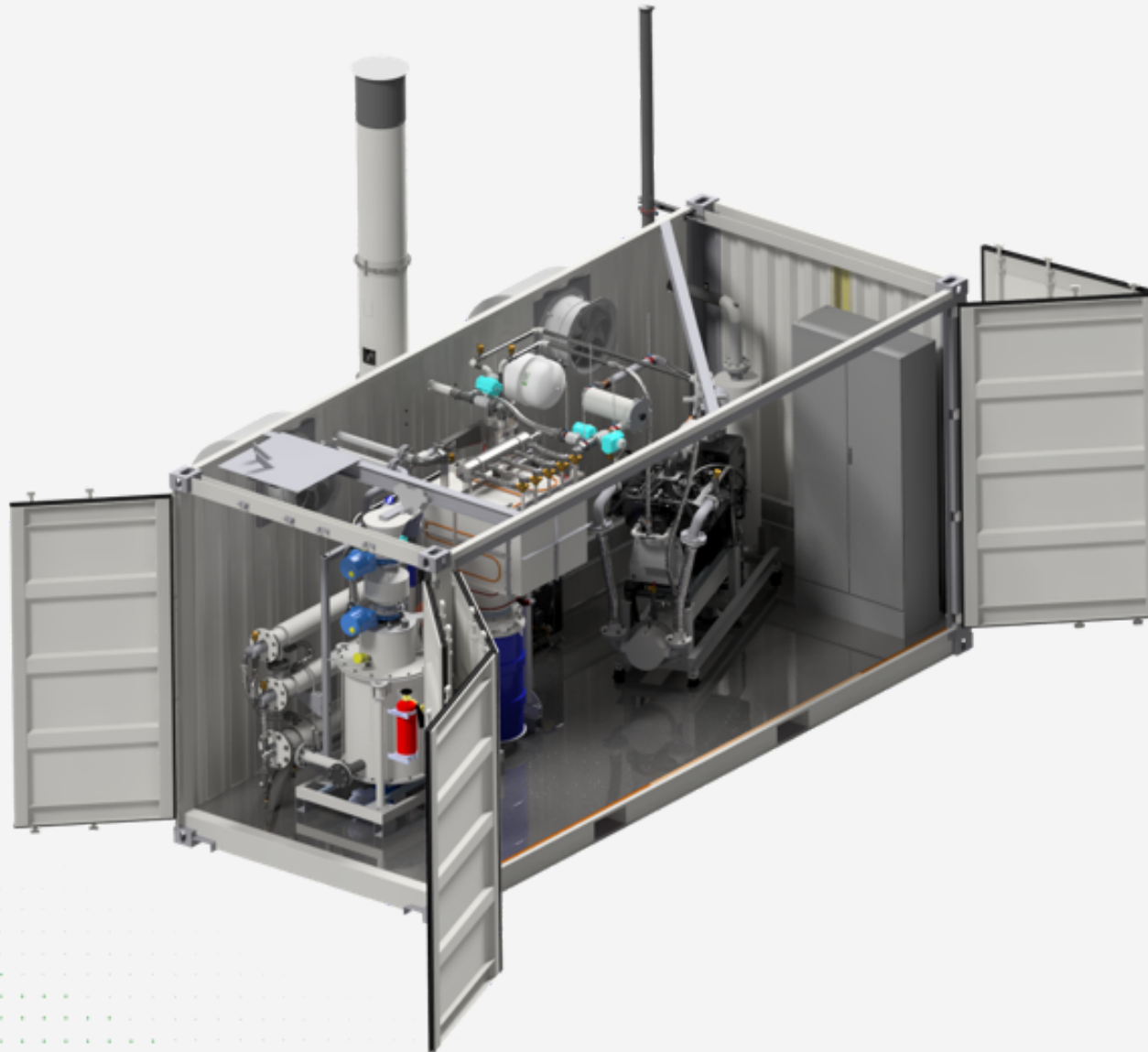


Data sheet

50 kW-Pellets (E4)



Version: November 2022

Data sheet

50 kW-Pellets (E4)

Power

Electrical rating:	50 kWel
Thermal rating: Overall efficiency:	120 kWth
efficiency:	85%*
Electrical efficiency:	25%*
Thermal efficiency:	60%*
Max. Flow/return temp:	90°C / 60°C (5.000 l/h) Return max. 65°C
Operating hours:	Up to 8.000 h/a**

Raw materials and supplies

Fuel:	Wood pellets, 6mm, DIN EN Plus A1 Quality
Fuel consumption:	Ca. 42 – 44 kg/h*

Electric

Rated voltage:	400 V, 200 V
Control unit:	Fully automatic operation, 24/7 remote monitoring

We recommend a storage capacity of 7 tons, which is enough for about 1 week.

*dependent on fuel quality

**dependent on maintenance and fuel quality

***plus periphery

E4 SYSTEM installed in the container (plug & play solution)

Housing type:	20 ft HC sea container
Container dimensions***:	L 6.058 m x W 2.438 m x H 2.869
Weight:	m
	Approx. 6 tons

About WegscheidEntrenco

WegscheidEntrenco's biomass cogeneration plants provide you with low-emission, clean and carbon-neutral energy from wood pellets, wood chips and selected waste materials.

- Modular energy systems for industry and commerce "Made in Germany"
- Scalable from 50kW to 2MW for power, heating and cooling
- Turnkey commissioning in 2 days (depending on site preparation)

WegscheidEntrenco offers the lowest cost electricity generation available 24/7. A new standard for affordable and reliable energy supply.

Please feel free to contact us if you are interested.



www.we-bioenergy.com/kontakt



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