

Join us in making the world a better place. Today.

HEAT TO CLEAN ELECTRICITY

compact – modular – profitable



efficiency PACK eP 150.200

Plug & Play

Waste heat recovery solution

Any sector, any waste heat
from 80 °C to over 800 °C

Profitable efficiency measure
e.g. for ISO 50001



Management
System
ISO 9001:2008

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ID 9108620814

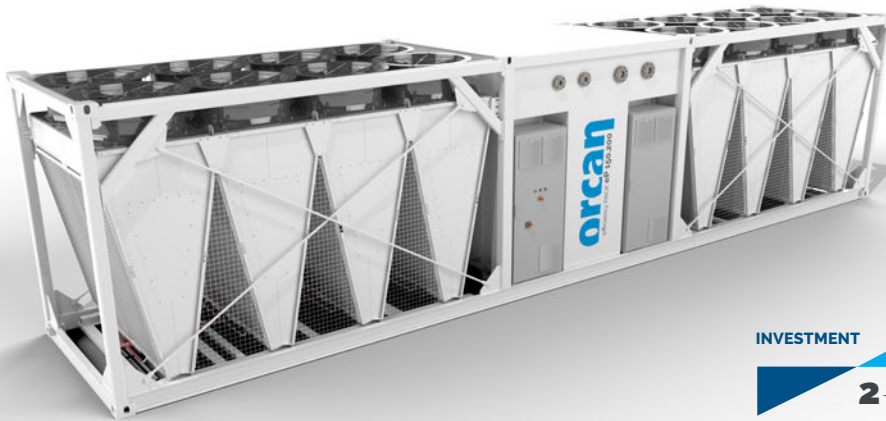


Top-Innovator
2016

Suitable measure
ISO 50001



PLUG & PLAY EFFICIENCY UPGRADE



INVESTMENT



PAYBACK PERIOD

PROFIT

SAVE COSTS

Our waste heat recovery solutions turn waste heat from all kinds of sources – liquid and gaseous – into clean electricity. Customers benefit from an improvement in energy efficiency and additional electricity savings. This saves energy costs and carbon emissions.

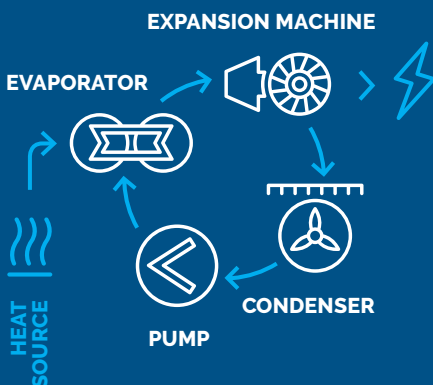
LOW MAINTENANCE

Only one day of maintenance is required per year, which results in low maintenance costs. Thereby the efficiency PACK is prepared for at least 15 years of operation. Orcan's systems have been sold to customers worldwide and have proven their reliability in over 1.5 million operating hours.

FLEXIBLE & MODULAR

The efficiency PACKs operate independently and automatically. Thanks to its outstanding part load capacity and the modular design, it adapts quickly to the heat source to maximize power output. The use of only high quality standard components ensure a robust and reliable operation under all conditions.

HOW IT WORKS



FACTS & FIGURES

Input power	1,000–2,500 kW thermal (per module)
Electrical output gross/net	Up to 260 kW gross / Up to 215 kW net
Working fluid	Standard refrigerant (non-flammable, non-toxic, non-ozone-depleting)
Interfaces	<ul style="list-style-type: none"> ■ Liquid: 80 °C - 125 °C (low temperature version) 120 °C - 150 °C (high temperature version) ■ Gaseous: 150 °C to over 800 °C (through a heat exchanger)
Ambient conditions	IEC 60721-3-4 with IE41 (-20 to +40 °C)
Dimensions	ISO 669 40' HC container (2.4 m x 12.2 m x 2.9 m)

ORCAN ENERGY – AT A GLANCE

Orcan Energy AG is a leading European CleanTech company offering efficient energy solutions based on Organic Rankine Cycle (ORC) technology for the conversion of waste heat into electricity. Orcan Energy AG was founded in 2008, employs 60 people and is headquartered in Munich, Germany.

> 1.5 Mio.
hours of operation

200
units worldwide

20 000 t
carbon saved