

AURA

THE PROCESS HEATING COMPANY



WE DO UP TO 400°C



**WE REALIZE THE
TEMPERATURE
YOU NEED.**

Thermal Oil Applications

400°C  Composites
Special waste processing

370°C  Nonwoven

350°C  Chemical industry

300°C  Paper, textile, oil, gas, petro-
chemistry, automotive industry

250°C  Food, energy, wood,
health & wellness

200°C  Print, plastics, galvanic
industry, Power-to-Gas

170°C  Biogas treatment

220°C  Plastics technology

170°C  Wood, Power-to-Gas

120°C  Chemical fibres

100°C  Energy

80°C  Health & wellness,
energy recovery

60°C  Cooling calendar

Water Applications

The utilization of flue gas has high economical as well as ecological advantages

FLUE GAS RECOVERY - AURA HAS THE COMPETENCY

Primary Source of Flue Gas	Temperature of Flue Gas	Power (kW)	Temperature Consumer Medium	Consumer Medium
Thermal post processing	up to 1100°C	10.000 kW	350°C	Thermal Oil, Steam
Gas turbines	ca. 500°C	20 - 20.000 kW	300°C	Thermal Oil, Steam, Water, Air
Block heating systems	ca. 500°C	20 - 3.000 kW	300°C	Thermal Oil, Steam, Water, Air
Fired systems (e.g. boilers)	up to 400°C	1.500 kW	50-250°C	Thermal Oil, Steam, Water, Air
Autoclaves during relaxation	ca. 200°C	on request	80°C	Water also for buffer storage
Exhaust Vapors	150 - 250°C	3.000 kW	60-200°C	Water, Thermal Oil also for buffer storage
Cooling of batch processes	100 - 300°C	2.000 kW	60-280°C	Water, Thermal Oil also for buffer storage

Whatever the source of flue gas or what the required temperature of the consumer medium will be, we have the suitable heat recovery system. Our systems exist out of heat exchanger, secondary pump unit, control unit – all skid mounted. The equation is easy: As more heat we can recover out of your flue gas into your consumer medium, as more benefits we can generate for you. Let us calculate your saving potentials and payback period of the investment.

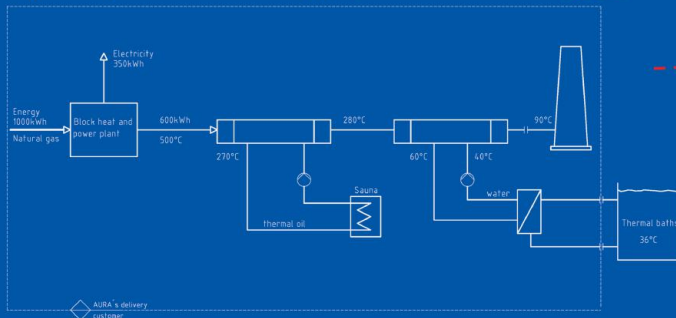
Please contact us!

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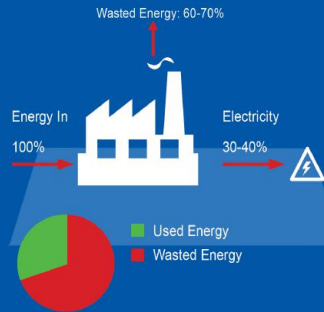
WE GENERATE HEAT AND ELECTRICITY WITH BLOCK HEATING SYSTEMS

Advantages:

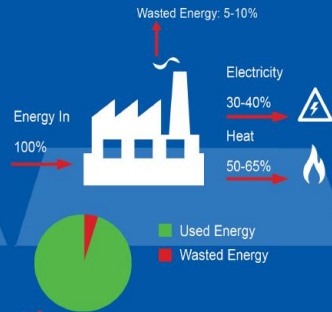
- › Save money by consuming your own efficient generated power
- › Get independent of electricity supply company
- › Participate on subsidies paid by governments
- › Our systems allow an extraordinary efficiency based on the primary source of energy



Standart Block Heating System



AURA Block Heating System



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YOU CAN RELY ON US!

In conclusion to a detailed technical discussion of an application case, a new concept of a system is borne, that precisely lives up to the task.

We provide or withdraw heat, optimizing thus the end-product with the least possible amount of primary energy.

Whether wind power turns into natural gas, new lightweight materials are produced, or a sauna is heated with waste heat, we have the solution.

The trust you put in AURA is our most valuable asset, and we earn it over and over again by setting the highest quality standards.

OUR PRODUCT PORTFOLIO

- › Thermal Oil Heating Systems
 - Fired: 100 – 25.000 kW
 - Steam heated: 100 – 8.000 kW
 - Electrically heated: 20 – 10.000 kW
 - Flue gas heated: 100 – 10.000 kW
- › Waste Heat Recovery Units: up to 15.000 kW
- › Water Bath Heaters: up to 10.000 kW
- › Steam Generators: 100 – 10.000 kW
- › Hot Water Boilers: 50 – 2.500 kW
- › Secondary Circuit Packages
(with cooling units)
- › Silencers



PROCESS HEATING TECH IS OUR DNA

- › Our experience of serving the customers around the world extends over 33 years.
- › The high quality of AURA systems is ensured by our engineering know-how and an in-house production.
- › For the Asian market, we are within reach with our own sales and technical support office in Beijing – China.
- › We provide a comprehensive after sales service including maintenance, commissioning, training, trouble shooting and spare part service.

Our Certificates:

- PED/AD2000 (Europe)
- ASME U-/S-Stamp
- Manufacturer License (China)
- EAC TR-ZU (Russia & Customs Union)
- BV-Offshore
- DNV-Offshore
- Steel constructions acc. to EN1090



ABOUT AURA

- > Founded in 1982
- > Family owned with 80 people
- > Headquarters in Germersheim, Germany

CONTACT US!

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