

System Brochure



SAVER

System for Available
Energy Recovery



System for Available Energy Recovery

SYSTEM INFORMATION

SAVER (System for Available Energy Recovery) is an indispensable system to improve energy efficiency and reduce emission values in today's fast-paced energy sources. **SAVER** recovers waste heat from industrial processes and other thermal energy flows. PLUG&PLAY, transportable and custom manufactured according to customer's real context and requirements, it can be delivered anywhere in the world.

Termogamma provides its customers with all the expertise and know-how needed to carry out, from the feasibility analysis and sizing steps, up to their maintenance, the installation of this type of systems.

Many industrial processes (and not only) produce heat as a by-product. This heat, if not recovered or used further, is defined as WAST HEAT. Many of these thermal fluxes still have a high energy content that is not used, and therefore is dispersed. This energy is already available on the site and, if it is recovered with appropriate technologies, it can be exploited and used, producing a positive economic and environmental effect.

APPLICATIONS

SAVER can be applied at the bottom of processes involving heat in order to recover the residual energy. It can deliver either hot water/air, chilled water/air or even electricity.

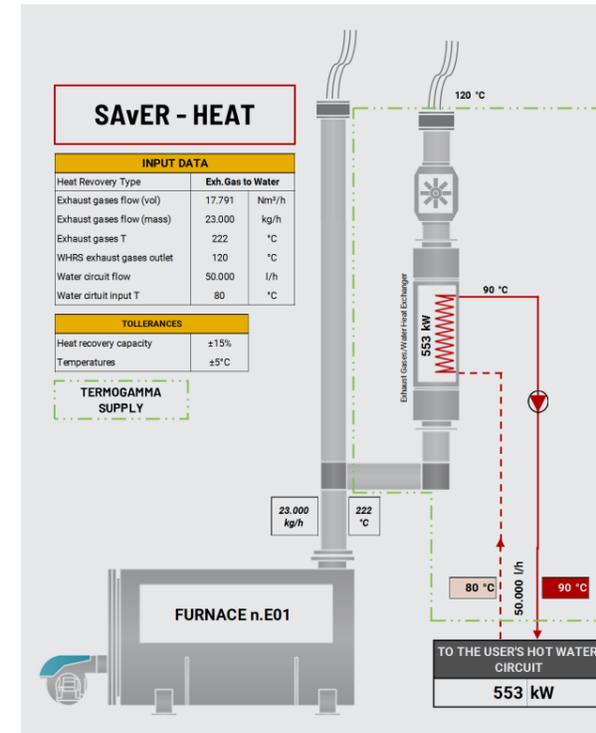
BENEFITS

SAVER delivers completely free energy to the user, recovering already existing energy. It follows the pure concept of energy efficiency.

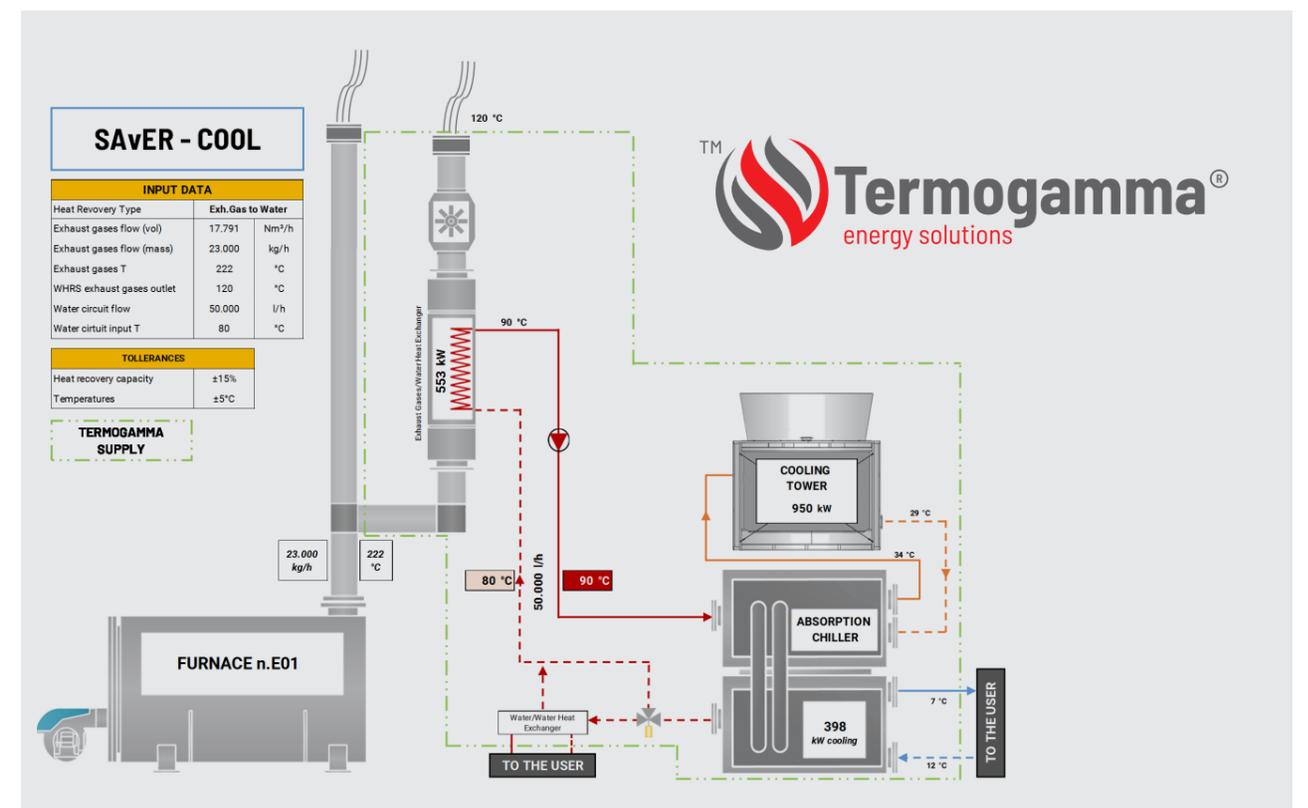


Depending on the "quality" (the temperature) of this heat, it may be possible to obtain different useful energies:

- ✔ Direct use of hot air for air inlet to burner pre-heating;
- ✔ Transformation into hot water to be used in heating and/or ACS applications;
- ✔ Steam production;
- ✔ Chilled water production (through absorption chillers);
- ✔ Electricity production (only possible with high quality waste heat).



SAVER under construction in our facilities



**International Business Headquarters
Termogamma Energy Solution Sagl.
Switzerland**

Via S. Balestra, 27 - 6900 Lugano

Tel: +41 33 533 3703

info@termogamma.net / www.termogamma.net

VAT CHE-221.351.624

**Main Manufacturing Plant
Termogamma Impianti e Servizi S.r.l.
Italia**

Via F.Cervi, 25 - 20863 Concorezzo

Tel: +39 039 604 0678

info@termogamma.com / www.termogamma.net / it

VAT IT08119070152

**South East Europe / MENA Countries
QuattroGi Ltd. By Termogamma
Bulgaria**

Fridtjof Nansen, 45 - 1142 Sofia

Tel: +359 (0)2 843 55 70

info@quattrogi.eu / www.termogamma.net / bg

VAT BG201495741



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