

System Brochure

Kit COG

Waste heat from
GenSets

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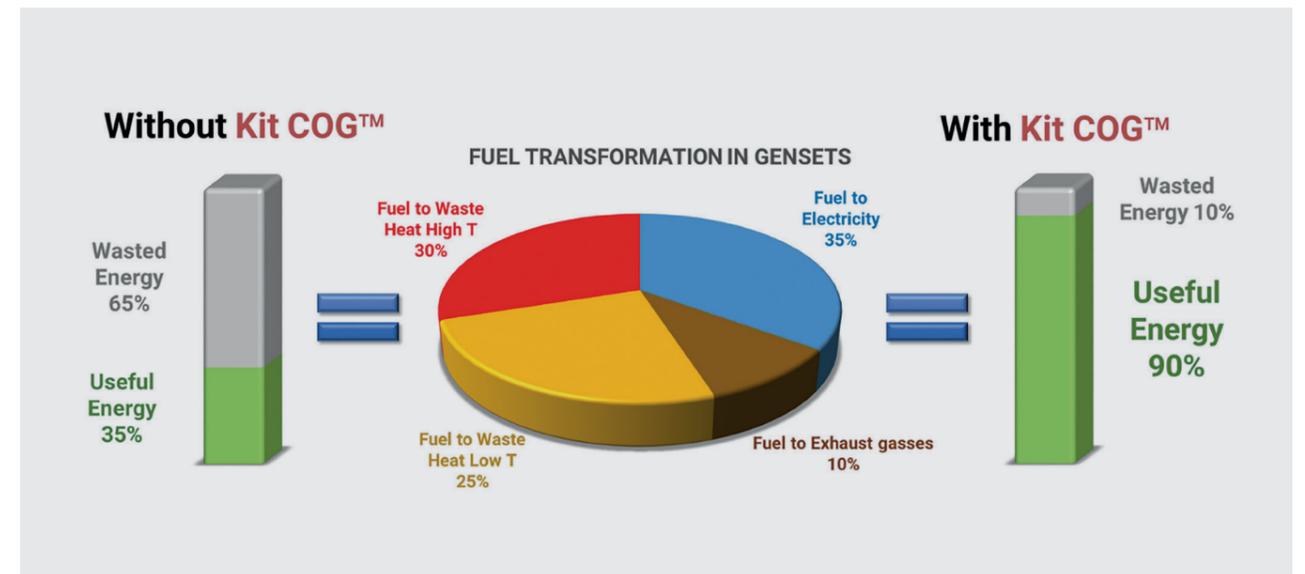
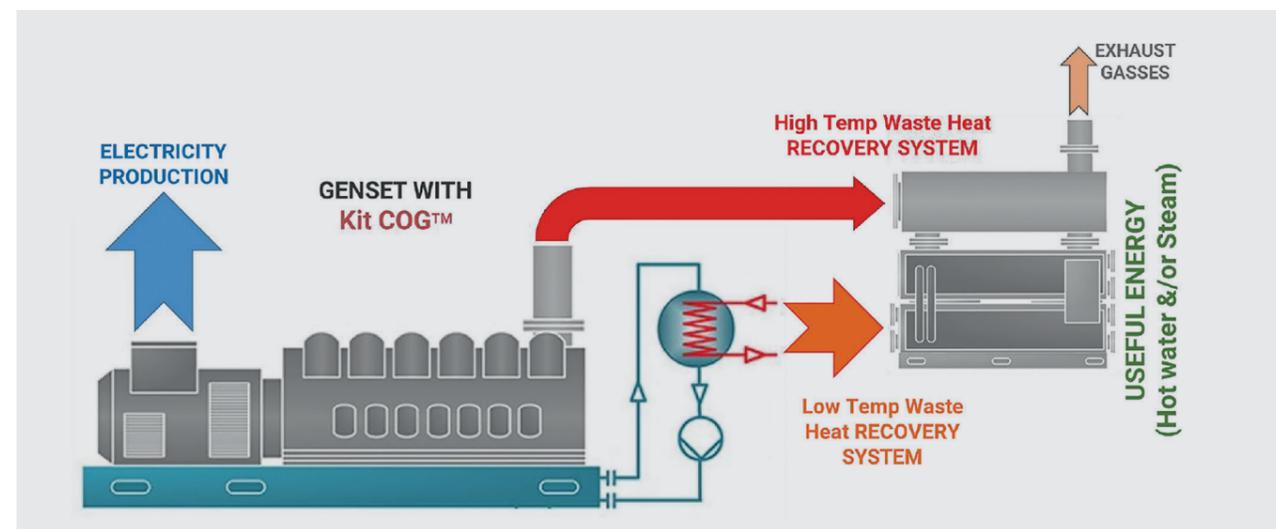
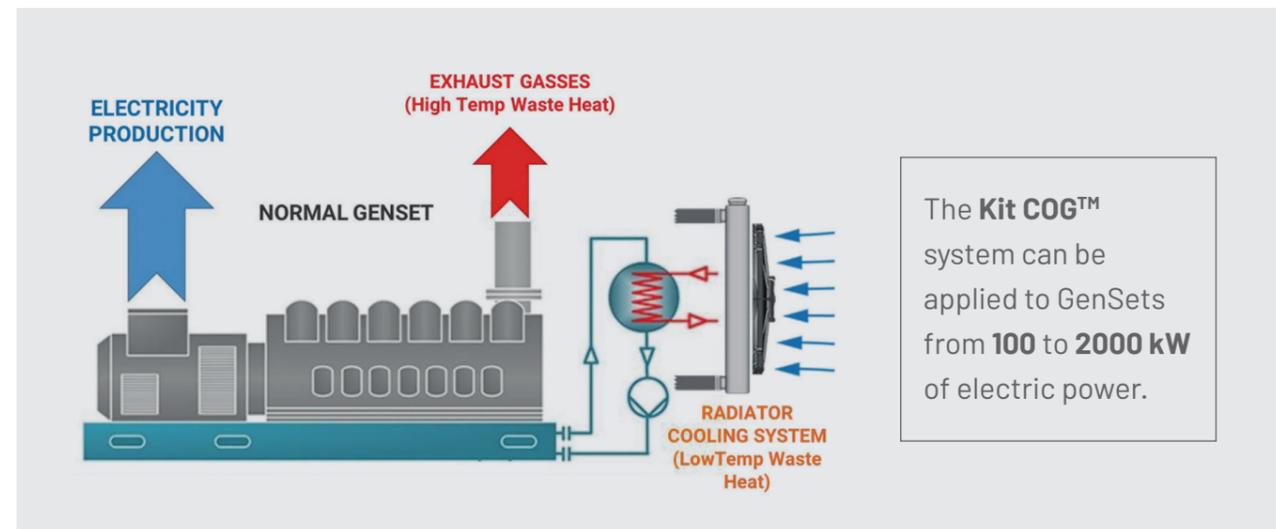
SYSTEM INFORMATION

In a traditional GenSet, an endothermal engine transforms the thermal energy contained in the fuel into mechanical energy. This mechanical energy is then transmitted to the electrical generator (coupled to the engine) that transforms it into electrical energy. All heat developed during this process must be dissipated in order to guarantee good operation conditions to the GenSet. This is achieved through both an Air-Cooling Radiator (engine jackets heat), and

by expelling the exhaust gasses directly into the atmosphere.

The **Kit COG™** system intercepts these two points of thermal dissipation and delivers useful heat to the user for free, increasing also the global efficiency of the GenSet.

Termogamma has carefully designed for the **Kit COG™** a Control and Monitoring System that guarantees the engine cooling needs, avoiding thus any kind of operational problem.



MAIN FIELDS OF APPLICATION ARE

- ✓ Hotels, swimming pools, spa;
- ✓ Industrial facilities (food processing, chemical, pharma, plastic, ...);
- ✓ Large residential buildings or villas;
- ✓ Large/medium commercial buildings;
- ✓ Large/medium government facilities.

BENEFITS

- ✓ reducing energy production costs;
- ✓ guaranteeing economic savings;
- ✓ reduction on environmental impact.



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