

## “Co-ENERGY, the smart water heater”

**Co-ENERGY** is a equipment of so-called cogeneration (CHP), therefore, is capable of generating electric and thermal energy at the same time, or what is the same, generates electricity and heat simultaneously using a single primary energy source, gas.

This cogeneration capacity is precisely what makes Co-ENERGY a suited equipment for new or existing locations where demand for electricity, hot water and heating is permanent, such as hospitals, hotels, residential buildings, health clubs and even, in the industrial sector, where there is demand for heat processes.

**Co-ENERGY** is adaptable to your needs demand, we have a wide range of models with different power in Natural Gas and Propane (LPG). Cogeneration equipment designed for continuous operation throughout the year, therefore, are dimensioned not to exceed minimum heat demand of the sites, running in parallel with a conventional boiler for higher demands. Meanwhile, the electricity generated can simultaneously be consumed immediately (self) or can be injected to the grid for sale or future consumption, accelerating the amortization of the equipment.

**Co-ENERGY** is a high energy efficiency equipment, generates thermal energy through heat exchangers drawing the residual energy of the electric generator, e.g., the heat produced by it on the cylinder liner and exhaust gases, with the consequent saving of primary energy.

Therefore, when transforming primary energy into two types of energy, **Co-ENERGY** obtains an 85% minimum efficiency, save fuel and significantly reduces toxic emissions and greenhouse gases (NOx, CO, CO<sub>2</sub>).

**Co-ENERGY** is compact and with a simple installation that integrates all the components necessary for the supply of electrical energy and heat into a small space that we have also soundproofed and properly isolated to prevent noise, in order to install the equipment in outdoor and can be easily shipped.

**Co-ENERGY**



**Co-ENERGY** is a fully automatic energy system equipped with an electronic system that manages both the production of electric and thermal energy production that avoids manipulations and facilitates handling.