ENESCO industrial

Industrial Energy Efficiency Services & Combustions Optimizations

Adresa: Iasi, Str. Friederick, Nr. 6
CUI: RO 33132962
Nr. Reg. Com.: J22/781/2014
IBAN: RO63 INGB 0000 9999 0432 8208
Mob. 0751 521944

http://www.enescoindustrial.com/

enescoindustrial@gmail.com
office@enescoindustrial.com

Protect the Environment and... Money!

= *TERMOREK* =

An Innovative Flue Gas Heat Recovery Unit Simple, Safe and Efficient, for All Types of Fuels

- **Immediate and significant reductions in natural gas bills**
- **Investment recoverable in less than one year of use**
- **Safety and long life**
- **No maintenance problems**
- **Extended warranty (2 years)**

The flue gases discharged into the atmosphere from combustion plants still contain a significant amount of heat, often much more than was usefully transferred to the process. In many fuel-burning heating systems, this heat loss is the largest heat loss in the process, often times greater than all other heat losses combined.

We produce, in series or customized, flue gas/water heat recovery units (diathermic oil) and can help you find the best solutions to reduce costs and gas bills by recovering and reusing the heat lost with flue gases discharged through the chimney.

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INNOVATION

In order to heat water using the heat recovered from flue gases, in TERMOREK heat exchangers, the transfer of heat from flue gases to water is done through heat recovery plates, an innovation of passionate Romanian engineers, specialists in Industrial Energy.

RELIABILITY

The device has a relatively simple construction, can be designed and executed adapted to local conditions, does not significantly influence the draft and does not produce condensation.

EFFICIENCY

The heat exchange from gases to water is amplified by the existence, construction and placement of the recovery plates.

Having, by design, a very low fouling factor and being easy to clean, it can also be used in the case of solid or liquid fuels, where the flue gases may contain solid suspensions or soot.

SIGURANTA

Due to the design and materials used, the device is very safe to operate, being able to be passed through by combustion gases even if it is without water.

This makes it possible to significantly reduce the installation time in the flue gas circuit, as the connection to the hydraulic system and even the system itself can be made later, without interrupting the production process.

Maximum working pressure: 10 bar;
Maximum working temperature: apă 250 ^{0}C, abur 200 ^{0}C, gaze 400 ^{0}C.

For additional information you can contact us anytime by phone at 0751 521944 or by e-mail at the following addresses:: enescoindustrial@gmail.com sau office@enescoindustrial.com.