

*Enjoy constant and fast
hot water at any time!*



From 150lt to 5,000lt



II & III Energy Boilers

www.tzanos.gr

**5
years
warranty**



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Boiler K·energy

A comprehensive proposal for water storage and production



K-Energy boilers are CE certified. Suitable for heating and hot water production and storage, they can connect to boilers, biomass systems, heating pumps and solar heating systems.

They are manufactured according to ISO 9001:2008. They are of a **robotic construction** and **meet all German Standards according to DIN 4753 - 3.**

Technical Characteristics

- ➔ Manufactured according to EN 12897:2006 standard and made of sheet metal according to EN 10130 Al 1998 DPC
- ➔ **High quality liquid enamel (Glass-Enamel)** heated to 850°C to DIN 4753 and magnesium anode according to DIN1243-2,2
- ➔ **Two (2) magnesium anodes and two (2) cleaning flanges** are included
- ➔ Environment-friendly polyurethane insulation according to DIN 53420. Its density is 52kg/m³ and thickness up to 100mm. Self-extinguishing according to DIN 4102.
- ➔ **Corrosion protection**
- ➔ **Antibacterial design**
- ➔ It features cleaning kit
- ➔ Functional space-saving design
- ➔ Long service life
- ➔ Continuous and instant hot water production
- ➔ Cost-efficiency improvement of each heating system
- ➔ Possibility to install temperature sensors, thermometer, and electrical part
- ➔ Exterior coating of grey PVC leatherette
- ➔ **Warranty of five (5) years to the boiler**



Boilers



Solar
Heating
Systems



Heating
Pump



Biomass &
Renewable
Energy Sources



DHW



Heating

Models

- I, II & III Energy Boilers from 150lt to 5,000lt.
- II & III Energy Boilers for heating pump and solar energy, from 200lt to 1,000lt.
- Tank in tank II & III Energy Boilers, from 500lt to 2,000lt.
- Energy Buffers with or without exchangers, from 80lt to 5,000lt.

Applications

- Water heating for domestic use
- Room heating (connection to radiators, underfloor systems)
- Industrial use
- Hotels
- Swimming pools
- Renewable energy sources





Μέγιστη Πίεση
Λειτουργίας
έως 10 bar

Μέγιστη
Θερμοκρασία
Λειτουργίας:
+95°C



5
years
warranty



I, II & III Energy Boilers

Manufactured according to European Standards. Available in full range from 150lt to 5,000lt.

They feature two (2) spiral heat exchangers of large surface and high performance, which, depending on installation requirements, it is possible to connect to solar panels, burners (oil, pellet, wood, gas, etc.), boiler buffer and to closed-circuit hot water systems.

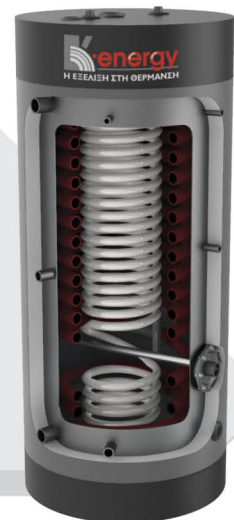
The tank has slots for temperature, thermometer, and electrical resistance sensors.



II & III Energy Boilers for Heating Pump and Solar Energy

Manufactured according to European Standards. Available in a full range from 200lt to 1,000lt.

They feature one (1) or two (2) high- performance spiral metal exchangers of large surface, thus it is possible to use simultaneously three (3) energy sources (solar energy, heating pump, electricity).



Tank in tank I, II & III Energy Boilers with Two Exchangers

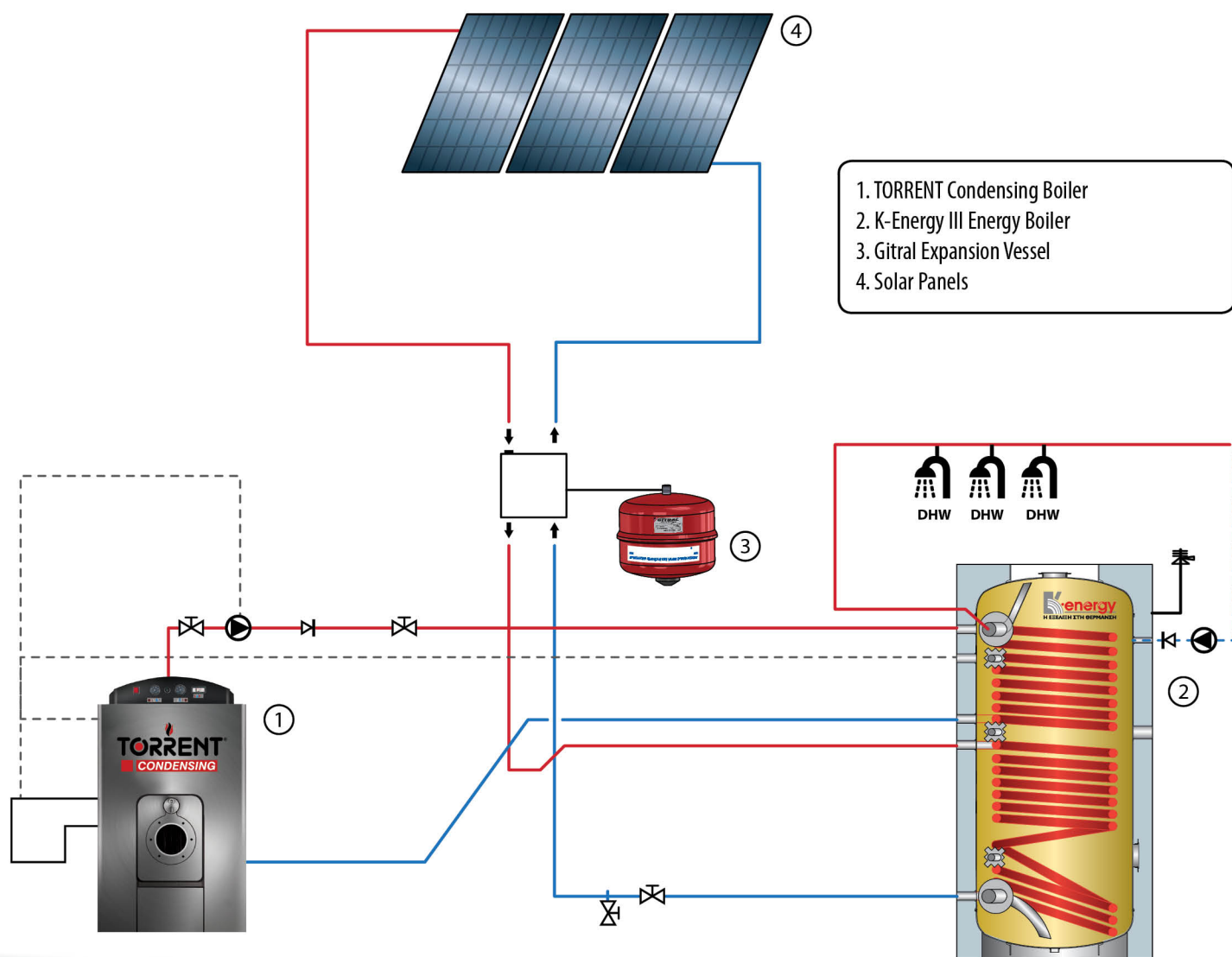
This is the ideal combination of DHW Accumulator Tank with the simultaneous use of three (3) energy sources. Available in full range from 500lt to 2,000lt.

They feature one (1) or two (2) high- performance spiral heat exchangers of large surface, possible to connect to solar panels, boiler room, biomass, and pump heating systems.

The immersed tank is large in capacity and can host an electrical part. It offers strong anti-corrosion protection from liquid enamel heated to 850°C to DIN 4753.



K-Energy III Energy Boiler Layout



The company

K. TZANOS SA was established in 1982 and it is a well-established trading company specialised in the field of plumbing, heating, natural gas, and green energy, maintaining long-term partnerships with well-known European and International houses. K. TZANOS SA is operating under the umbrella of TZANOS Group of companies, while owns since 1997 ISOPIPE SA, a factory specialising in the production of insulation material ISOPIPE and TORRENT cast iron condensing boilers. In 2008, TZANOS SA created the H-IT brand aiming at manufacturing high quality-products at affordable prices, for water supply and heating systems.

All products represented by TZANOS Group of Companies are CE certified.



*ΕΥΓΥΝΟΝ
ΠΟΙΟΤΗΤΑ
ΑΞΙΟΠΙΣΤΙΑ*

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