

*Low-cost heating  
and maximum efficiency*



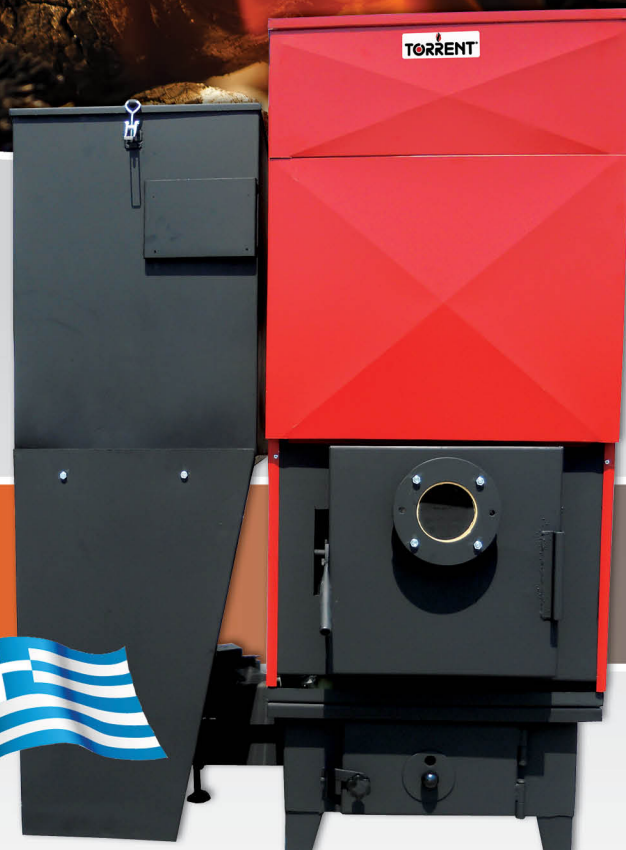
  
**TORRENT<sup>®</sup>**

**Solid Fuel Steel Boilers**

**100%**  
*Made in Greece*



[www.tzanos.gr](http://www.tzanos.gr)





Fuel Oil



Wood



Coal



Coke



Pellet



Shells



Core

## TORRENT PHOENIX

Steel Boiler Pellet/Biomass - Wood and Fuel Oil

**Torrent Phoenix 3 in 1 Steel Boiler is suitable for combustion of:**

1. Solid fuel in the form of granular materials for **automatic feeding** through a screw-feeder
2. Solid fuels such as coal and wood for **manual feeding** using a high-resistance steel designated grill
3. Fuel oil **when a burner is installed**

**5  
years  
warranty\***



### Benefits

- Suitable pellet/biomass, wood oil combustion
- User-friendly operation manual
- Modern cylindrical design
- Easy configuration and constant control of operating parameters
- Simple burner maintenance by removing the stainless steel cap on the bottom
- **Absolute protection against fire return to the silo through the non-return valve located between the silo and the screw (safety dosing)**
- Upgraded constant motor working protection with an integrated clamp meter on control panel
- Constant boiler protection against overheating
- Automatic adjustment of air supply via the fan
- Silo can be place on the right or left of the boiler
- Easy flame checking through a hole
- Nuclear burner support on adjustable clamp
- Secure door closing

Code	Models	Thermal Output		Operating Pressure bar	Dimensions (HxLxW) mm	Ø Smoke Pipe	Inlet/ Outlet	Weight
		Kcal/h	Kw					kg
70306000030	P-30	30.000	35,0	3	1610x1160x600	140	1 1/2"	295
70306000040	P-40	40.000	47,0	3	1610x1160x600	140	1 1/2"	315
70306000050	P-50	50.000	58,0	3	1620x1230x650	180	1 1/2"	370
70306000060	P-60	60.000	70,0	3	1620x1230x650	180	1 1/2"	390
70306000080	P-80	80.000	93,0	3	1660x1430x750	200	1 1/2"	450
70306000100	P-100	100.000	116,0	3	1660x1500x830	200	1 1/2"	500

\* 5 years guarantee on metal parts  
& 1 year guarantee on electrical parts.

### Control Panel includes:

1. Timer on - screw operating time
2. Timer off - screw shutdown time
3. Fan manual speed adjustment
4. Autofan automatic fan speed adjustment
5. Pump operational indicator light
6. Control panel on / off
7. Desired heating circuit water temperature
8. Fuel selection switch
9. Current water temperature display - heating / fault circuit





**100%**  
**Made in Greece**



Wood



Coal

**TORRENT**<sup>®</sup>

## TORRENT LEO

Steel Boiler - Wood/Coal

**5  
years  
warranty\***



### Benefits

- Robust construction
- High-performance
- User-friendly
- Fuel supply through a designated grill made of high-strength cast iron
- Simple cleaning and maintenance procedures thanks to its ergonomic external cleaning lever
- Possibility to convert into a solid biomass boiler of automatic supply (TORRENT PHOENIX)
- Suitable for oil burning featuring burner adjustment and its corresponding control panel
- 2-year guarantee

### Technical Features

- Temperature control by fan hydrostat configuration
- The pump hydrostat activates the pump when the water temperature exceeds the selected temperature
- The safety hydrostat proceeds to power shutoff when temperature exceeds +95°C
- The flue gas turbines cause a flue gas temperature reduction increasing efficiency
- Maximum Operating Pressure: 3 bar
- Output range **from 35.0 to 116.5 kW**

Code	Models	Thermal Output		Operating Pressure	Dimensions (HxLxW) mm	Ø Smoke Pipe	Inlet/Outlet	Weight
		Kcal/h	Kw	bar				kg
70308000030	L-30	30.000	35,0	3	1610x600x770	140	1 1/2"	200
70308000040	L-40	40.000	46,6	3	1610x600x790	140	1 1/2"	210
70308000050	L-50	50.000	58,2	3	1610x680x850	180	1 1/2"	280
70308000060	L-60	60.000	69,9	3	1610x680x870	180	1 1/2"	290
70308000080	L-80	80.000	93,2	3	1650x750x950	200	1 1/2"	350
70308000100	L-100	100.000	116,5	3	1650x830x1020	200	1 1/2"	400

\* 5 years guarantee on metal parts  
& 1 year guarantee on electrical parts.

### Control Panel includes:

1. On/Off switch
2. On/Off fan switch
3. Fan regulator
4. Fan hydrostat
5. Regulator hydrostat
6. Safety hydrostat
7. Thermometer



**New generation high efficiency boilers**

**10 years warranty**

OIL & GAS Boilers

**ErP**  
certified

**Output up to 104.5%**

Combustion chamber door opens to the right or left!

- Certified to 2015 ErP. Compatibility with European Regulations
- Maximum fuel economy
- Environment-friendly
- Rated output exceeds 104%
- High efficiency at affordable prices

**From 20 kW to 1400 kW**

For more information please check out our **TORRENT CONDENSING & TORRENT ECO brochures.**

**Sun**

**Galaxy**

**Matrix**

**Star**

**Mega Star**

## 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.