



THERMOLEV

HEATING INDUSTRY

Gas-oil fired steel
hot water boilers
DG series



ISO 9001:2008 8 years
guarantee



Hot water boilers of DG series are certified
for gas and oil from Technigas in Belgium

THERMOLEV

Steel hot water boilers for gas-oil DG series

Thermolev hyper-pressuring hot water boilers for gas and oil of DG series are known for their high technological level and their best performance which is more than 92%.

Thermolev products follow strict specification; DG series hot water boilers for gas and oil are certified in accordance with the European standards ISO 9001:2008, CE with the directive 92/42/EEC and the certification for gas appliances according to the directive 90/396/EEC. This directive is essential for the safety in operation of gas boilers.

Their high quality construction and design offer to its costumers high output of two stars (**), economic operation and long-life.

The automatic manufacturing process ensures that consumers receive a final product of utmost reliability and efficiency. Thermolev grants its costumers wish for noiseless operation, low fuel consumption and low emission fuel. DG series hot water boilers for oil and gas are the best choice for all small and big heating installations.

Advantages of hot water boilers DG series

Boilers are manufactured according to the standards and the approval of ELOT, Din 17100. 4702.

There are three exhaust routes for better utilization of exhaust heat and the highest possible efficiency.

Excellent completion of the combustion and heat transfer is achieved because of the circular section and the cylindrical shape of the boiler.

The smoke chamber is studied to have such a bulk as to preserve high dP in the boiler.

Hot water boilers of DG series have air pipes (tubes), from a tube without seam, with the addition of special fumes turbines for the accomplishment of the biggest performance and absorption of heat.

The boiler door is opened, right or left at the costumers choice.

They have strong thermal insulation for even greater energy savings.

Thermolev hot water boilers are offered with a control panel for complete operation monitoring.



Control panel Thermolev

Thermolev control panel for DG boilers include :

- General switch on/off with indicative valve
- Thermal safety
- Burner thermostat
- Circulator thermostat
- Water thermometer



Burner and hot water boiler DG series

Oil or gas steel hot water boilers Thermolev are compatible with any kind of oil or gas burner which is certified and approved according European standards.

Oil burners must be certified and approved according DIN 4787, EN 267 with appliance directive 92/42/EEC.

Gas burners must be approved according DIN 4788, EN 676 and also to be accompanied by the directive 90/369/EEC for gas appliances.



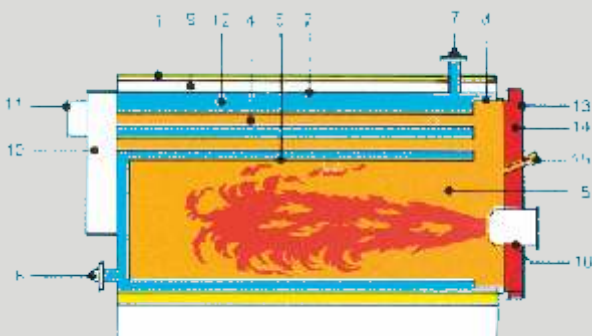
Alteration from oil to gas

Steel oil boiler DG series can be transformed to gas boiler quickly, easily and economically with the addition of GAS KIT.

This KIT includes:

- Safety switch which is placed on the boiler's door in order to stop burner's operation when door opens
- Control panel with an extra inlet for the general switch connection
- Door cover and insulation
- Different dimensions of spiral restrictors for all the flame pipes

Drawing of the combustion chamber



1. External boiler's cover
2. External boiler's casing
3. Cylindrical thin sheet of metal blade
4. Flame pipes
5. Chamber of combustion
6. Cylinder of flame-chamber
7. Exit of hot water
8. Returning water entrance
9. Boiler's insulation
10. Smoke chamber
11. Fume's exit
12. Water area
13. Boiler's door
14. Fire-proof door cover

