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The invention relates to heat engineering, in particular to heating boilers for living accommodation.

The boiler contains a furnace, a heat exchanger of square section, two opposite walls of which are made with prominences placed one above the other, forming between them a zigzag channel, the surface of which increases the heat exchange, favouring the increase of the boiler efficiency.

The boiler is provided with left and right pipes for cold water supply and hot water removal, that facilitates the process of connection to the heating system.