

The invention refers to heat engineering and may be used for heating the water for household necessities, as well as in the buildings water heat systems.

The water heater comprises a body, in which it is fixed a heat exchanger panel with channels for water conducting and water inlet and outlet branches. Between the upper and side body walls and heat exchanger panel it is situated a porous metal-fibrous striate, and the heat exchanger panel is fixed to the body so that its lower wall is situated above the lower edge of the body side walls. In the body upper wall there are executed holes.

The result consists in intensification of heat exchange and in increasing the heat transfer surface.