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The invention refers to heat engineering and may be used in the household heating apparatuses, e.g. in the hot water boilers for utilization of flue gases.

The hot water boiler (variant 1) contains a body in which there are situated a burner, a chimney, a heat exchanger made in the form of convective pipes coupled in a consecutive order in the water direction and branch pipes of cold water admission and hot water evacuation. The convective pipes are installed horizontal in tiers, and the end of upper tier convective pipe is connected to the branch pipe for cold water admission, and the end of the lower tier convective pipe - to the hot water evacuation one.

The hot water boiler (variant 2) is additionally provided with a pump for the water forced circulation which is connected to the branch pipe for cold water admission.

The convective pipes (variants 1 and 2) may be executed in the form of coils forming modules, and are provided with ribs.

The result consists in possibility of rising the water heating temperature at the expense of increasing the factor of escaping flue gases utilization.