

The invention relates to heat engineering and can be used in water heating systems of residential and industrial premises.

The heating boiler comprises a body (1) with a water jacket (2), a heat exchanger, communicating with the water jacket (2), a furnace (4) with a grate bar (8), an ash box (11) and a hopper (15) with a screw feeder (16). The lower part of the heat exchanger is made in the form of comb, the heat exchanger is mounted in at least two levels, forming a flue duct in the form of a labyrinth. Above the grate bar (8) is mounted an ash disintegrator (9), connected to an electric motor. Opposite the screw feeder (16) are fixed a valve flap (7), a distributor (6) and a screen (5). The boiler is provided with a fire-prevention system, a control unit (20) with display panel and with a temperature controller (14).

Claims: 4

Fig.: 2

