

The invention relates to boiler equipment, in particular to devices for cleaning outer heating surfaces of boiler units with removal of ash deposits and can be used in power engineering and general machine-building. Generator of pneumatic pulses has body with inlet and outlet tubes, elastic membrane installed in the cavity of the body with formation of pneumatic chamber, rod executive device with seat that is rigidly connected to pneumatic chamber with elastic element arranged as compression spring, the rod executive valve is placed in cup with windows, at that the cup is rigidly fixed in the body of generator and the valve is arranged with sealing for profiled seat. At the rod through plate a compression spring is installed, this is pressed by control nut. The outlet tube is arranged as profiled nozzle, for instance Laval nozzle. Generator has high operation speed and thus is more effective at cleaning heat exchange surfaces, since the less time of operation is the more quickly all the volume of air collected in working pneumatic chamber is impulsively directed to heat exchange surface to be cleaned. Generator is reliable in operation due to that presence of one executive pneumatic chamber excludes possibility of sticking of the valve, it decreases time required for reliable closing of the valve, this makes it possible to increase frequency of pulses and thus to decrease time for cleaning surfaces.