

A device for water heating in which in one sealed housing a gas turbine wheel is placed, this is connected through toothed step-up gearing to centrifugal impeller in which compression and heating of gas takes place, this is supplied to heat exchange apparatus for heating heat carrier. Gas turbine acts due to use of excess energy of gas at gas distribution point and is placed in pipeline connected in parallel to unit of gas reduction. Gas for filling centrifugal compressor and heat exchanger is taken from main gas pipeline. In the device hot gas is used to obtain heat carrier at gas distribution points.