

This invention relates to the field of heat engineering, in particular to section radiators of mostly water heating of dwelling, public and industrial buildings with temperature of heat carrier up to  $110^{\circ}\text{C}$  and working pressure up to 2 MPa. A radiator comprises separate sections, each of those has steel armature. The armature is formed by vertical tubular stand and threaded plugs at the ends of the stand. The steel armature is covered with aluminium unit-cast body. The upper and the lower circular bosses of the bi-metal sections with their walls are partially connected to the walls of the horizontal and the vertical sections of the shape rib. The inner ribs in the upper parts are smoothly bended with possibility of formation of at least three through bended channels. The radiator promotes increased heat release, decrease of overall dimensions and metal consumption.