

A heat exchange element can be used in heat exchange apparatuses in chemistry, power engineering and other fields of industry. This element has outer pipe with ribs outside and concentrically installed inner pipe; and in between of those in circular space there are placed, with possibility of contact with both pipes, long ribs with formation of long channels. The ribs are made in pairs as plates having U-like profile with peripheral parts bended at the outer side; the ends of the bended parts of the adjoining pairs of ribs are installed in close contact to each other. In addition, the bended parts of the pairs of the ribs can be fixed, for instance, by soldering, to bended parts of adjoining pairs of ribs and to the outer pipe, and the curved part of U-like profile can be fixed to the inner pipe. Said construction of a heat exchange element provides decrease of labor consumption at making the ribs and increase of operational reliability.