

PANEL HEAT-EXCHANGER

板式换热器

SHR



Panel heat-exchanger is made up of a group of corrugated metal plates. There are apertures on those metal plates. There are apertures on those metal plates. Two flows passing through the apertures exchange heat. Plate combination is installed between a frame plate and a pressure plate, tightened by screw bolt. There are also sealing washers on the plates, which are used to seal passages and lead fluids into passages alternatively. The number of the plates are determined by physical property, pressure drop and temperature program of velocity fluids. The folding of the plates accelerates turbulent flow of the fluids and supports the pressure difference of the plates. The machine is used to cool and heat medicine liquid, liquid food products, in-situ purgative liquid and water. It is also used for pasteurization in some applications.

Specification: 0.5m²-200m².

板式换热器由一组波纹状金属板片构成，金属板上有孔，通过这些孔的两股流体之间发生。板组合装在一块框架板和一块压力板之间，用拧紧螺栓压紧。板上装有密封热圈，用以密封通道并将流体交替引导到通道中。板片数量由流速流体的物理属性、压降和温度程度决定。板的折皱促进了流体的紊流，并对板的压差起到支撑作用。用于制药和其它液体食品产品、原位清洗液体和水的冷却和加热。以至某些应用中的巴氏消毒。

规格：0.5m²-200m²

