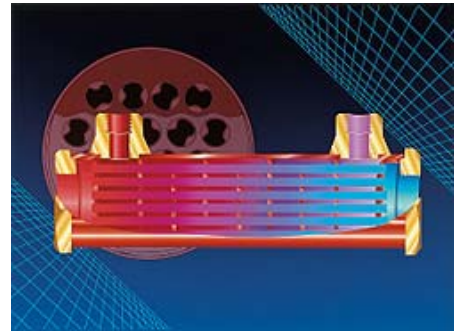


Heat Exchangers

Tube Bundle Heat Exchangers type RW

Description

RW Tube Bundle Heat Exchangers consist of a bundle of efficient dimpled tubes of copper or cupro-nickel brazed into a copper or cupro-nickel shell.



The special dimpled tubes made by Schmöle have many small, flat indentations which are impressed from the outside into the tube wall. The outside and inside surface structure of these tubes results in a considerably improved heat transfer compared with plain tubes. By means of shell side baffles a transverse circulation around the tubes is achieved.

Application

RW Tube Bundle Heat Exchangers are used for

- Heating of domestic water
- Cooling and heating of circuit water
- Heating of swimming pool water
- System separation in floor heating installations where oxygen diffusion through plastic tubes could otherwise result in corrosion
- District heating or solar installations

	Shell side	Tube side
Medium	Water, water-glycol mixtures	Water, water-glycol mixtures
Max. flow rate (type-dependent)	1,500 l/h	4,500 l/h
Max. operating pressure	10 bar	10 bar
Max. operating temperature	150 °C	150 °C
Approx. capacity	13 - 48 kW	

Materials	Copper design	Cupro-nickel design
Shell	Cu-DHP	CuNi10Fe1Mn
Tubes, tube sheets, end caps	Cu-DHP	CuNi10Fe1Mn
Connection fittings	CuZn39Pb3	CuZn35Ni2

Approvals

Schmöle is in possession of a certified Quality Management System to DIN EN ISO 9001 and of an approval to Pressure Equipment Directive (PED) 97/23/EC.