

Heat Exchangers

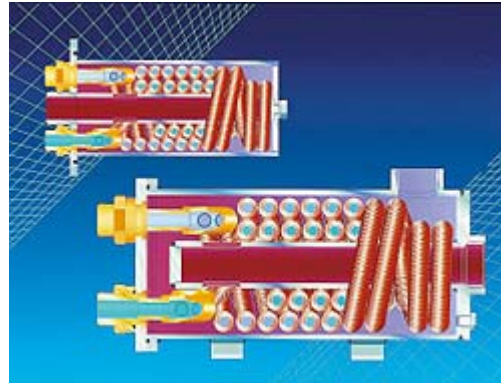
Tube Coil Heat Exchangers type LOK

Description

By the use of High Performance Finned Tubes, LOK Tube Coil Heat Exchangers are particularly compact and efficient. As large heat exchange surface areas can be installed in a small space LOK Tube Coil Heat Exchangers have a particularly favourable price-performance ratio.

Due to the unscrewable cover flange, the heat exchanger can be removed for cleaning purposes.

LOK Tube Coil Heat Exchangers are available as external heat exchangers (design types S and M) and as coolers for mounting in tanks (design type T).



Heat Exchangers

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Application

Tube Coil Heat Exchangers type LOK are suitable for cooling and heating of oil, emulsion and water. They are used particularly in the following installations:



- Plastic injection moulding machines
- Plastic extruder installations
- Hydraulic systems, presses
- Machine tools
- Couplings and gearboxes
- Compressors and pumps
- Temperature stabilizers
- Heat recovery units

	Shell side	Tube side
Medium	Oil	Water, water-glycol mixtures
Max. flow rate (dependent on type and material)	439 l/min	5.300 l/h
Max. operating pressure	16 bar	16 bar
Max. operating temperature	150 °C	90 °C
Approx. capacity	3 - 111 kW	

Materials	Copper design	Cupro-nickel design
Shell	Carbon steel	Carbon steel
Finned tube coil	Cu-DHP	CuNi10Fe1Mn
Connection fittings shell side	Carbon steel	Carbon steel
Connection fittings tube side	CuZn39Pb3	CuZn35Ni

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.