



SINGLE compact water-operated temperature control units STL series

Water-operated temperature control units from the STL series provide a wide capacity and temperature range and basic temperature control options particularly for injection moulding technology but also for a variety of other applications. Equipped with high-quality components, they are cost-efficient and inexpensive.

Standard equipment

General

- Rugged, powder-coated sheet steel housing
- Automatic filling and replenishing

Hydraulics

- Hydraulic equipment stainless steel / non-ferrous metals
- Incolloy heater
- High-quality pump materials
- Leak stop with TK6 and TKN6
- Dirt traps in return water

Electric and control equipment

- SBC controller
- Heating control by solid state relay
- Switch box to IP54
- Cable connector without plug

Options upon request





SINGLE compact water-operated temperature control units

STL series



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Structural units		TK6	TKN6	TKS6	TKSG6	K6	KN6	KS6
Max. temperature range	°C	90	90	90	90	150	150	150
Max. external volume	l	50	61	159	260	13	18	28
Heating capacity	kW	4,5/6/9	12/18/24	27/36/45	48/60/72	4,5/6/9	12/16,5	18/24/36
Cooling capacity (80 °C outlet/15 °C cooling water)	kW	23/50	35/80	35/100	35/250	23/50	35/80	52/81/100
Max. flow rate	l/min	40	60	135	240	27	60	75
Max. pressure (max. values of the characteristic)	bar	3,8	3,8	3,8	4,1	4,5	6	3,9
Pump motor capacity	kW	0,5	0,5	0,925	1,5	0,25	0,75	0,55
Connections circulating media	mm/MPT	14	21	28	38	G 1/2"	G 3/4"	G 1"
Connections cooling water	Hose spout	14	14	14/21	14/28	14	14	14/21
Dimensions (without connections)	L mm	590	690	800	1300	590	690	800
	W mm	265	275	325	480	265	275	325
	H mm	480	735	880	1360	480	735	880
Approximate weight	kg	50	75	100	200	50	75	120