



WATER TEMPERATURE CONTROLLERS 90°C

Type 95E 6/9 S4, 95E 6/18 IE, 95E 9/45E



INDUSTRY 4.0

The new 95E Water product line offers a large range of cooling capacity, in addition to heating power and flow.

The method of construction offers many possibilities due to various options. Adapted to all processes and tools, this new generation profits from our partners experience for a large portion of market applications.

Our partner also manufactures for custom applications, thanks to their knowledgeable team. Diverse projects throughout the world confirms their know-how, that has been recognised in the plastics industry for close to 50 years!

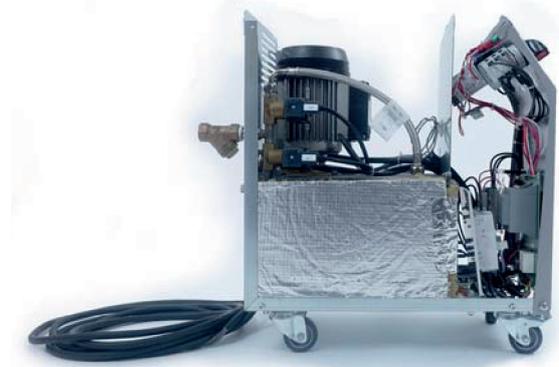


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95E6-9S4

- The compact thermolators in the 95E Water product line were designed with quality components. In addition to optimal insulation, they are equipped with static relay, a submersible peripheral 60L/min pump, direct controller, high performing valves, and sieve filter. Available in 6 or 9 KW, they offer simplicity in the daily use.
- **Comes with a 2-year warranty.**



95E6-18IE3

- The thermolators in the 95E6-18IE product line offer many options. They propose 2 types of submersible peripheral pumps 60 L/min and 70L/min. With a 16L larger tank volume, they respond to a various number of applications. Heating power goes from 6kW to 18 kW and cooling power available from 30kW to 100kW providing wide flexibility for use. With more than 15 options including reinforced cooling, machine communication (RS485 / TTY / Modbus / Profibus / SPI, ...), and flowmeter, the system is ideal for your workshops.
- **Comes with a 2-year warranty.**



95E9-45E

- The new 95 E9-45E is a modular system with heating power from 9kW to 45kW, with 4 available pumps of 140 L/Min, 200 L/Min and 400 L/Min. Heat Plate exchangers of 60kW and 180kW help improve cycle time (cooling). The standard static relay results in more precise temperature control. The two heating stages available above 27kW adapt the heating time for their users, which can reduce electric consumption. With 34L tank, it is compatible with applications in injection molding, extrusion, blow molding, and calendering. Finally, choosing first rate components is an advantage for these systems added durability and quality for production. Accessibility and simple assembly provide for easy maintenance.
- **Comes with a 2-year warranty.**



TECHNICAL FEATURES OF WATER TEMPERATURE CONTROLLERS

WATER TEMPERATURE CONTROLLERS 90°C - Type 95E 6/9 S4, 95E 6/18 IE, 95E 9/45E

MODEL	95E 6/9 S4		95E 6/9/12/15/18 IE3					95E 9/18/27/36/45 E					
Maximum Temperature °C	90												
Heating Capacity (kW)	6	9	6	9	12	15	18	9	18	27	36	45	
Heating Stages	1		1					1	2				
Pump Type	Peripheral Submersible		Peripheral Submersible					Peripheral*/Centrifugal Submersible					
Maximum Flow L/Min	60		60 or 70					200* - 140 - 200 - 400					
Maximum Pressure (bar)	3.5		3.5 or 6					5* - 5.3 - 7.2 - 4.5					
Cooling Technology	Coli		Coli					Heat Plate Exchanger 60 kW					
Cooling Power (kW) (Water 10°C - Maximum Process Temperature)	25		30					60					
Suction/Anti-leak function	Yes		Yes					Ok for pump 130 L/Min					
Filling	Automatic												
Filling Volume (L)	8.2		16					34					
Expansion Volume (L)	2.2		7.6					10					
Process Inlet/Outlet	¾"		¾"					1 ¼"					
Control & Regulation	MicroP - Self Tuning												
Voltage	400V - 3Ph. + T - 50 Hz												
Dimensions (mm)	Depth	542	811					1150					
	Width	270	328					446					
	Height	498	540					976					
Weight kg (empty)	26		53					From 110 to 150kg on pump size					

*Peripheral Submersible Pump

OPTIONS

MODEL	95E 6/9 S4	95E 6/9/12/15/18 IE3	95E 9/18/27/36/45 E
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PROCESS

Solid State Relays	●	●	●
Pressure Gauge	○	●	●
Flowmeter	○	○	○
Manual Filling	○	○	○
Plate Heat Exchanger (kW)	60	60 or 100	100 or 180
Remote Temperature Sensor	-	○	○
Pseudo-Cascade Control	-	○	○
Manual/Automatic By-Pass	-	○	○
(Air Pressure) Mold Cleaning	-	○	○
Direct Cooling	-	○	○

COMMUNICATION

Remote Alarm	○	○	●
"Communication RS 485 / TTY / Modbus Profibus / SPI..."	○	○	○
Remote Set Point & Copy Process T°C	○	○	○
Remote Control	-	○	○

AUXILIARY EQUIPMENT

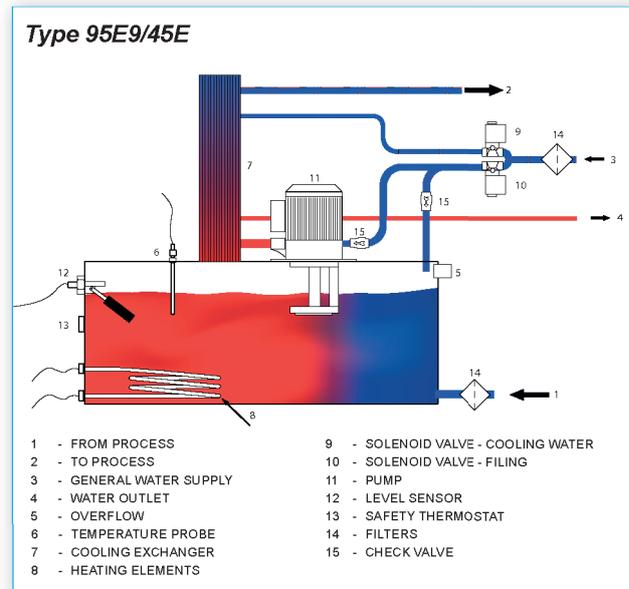
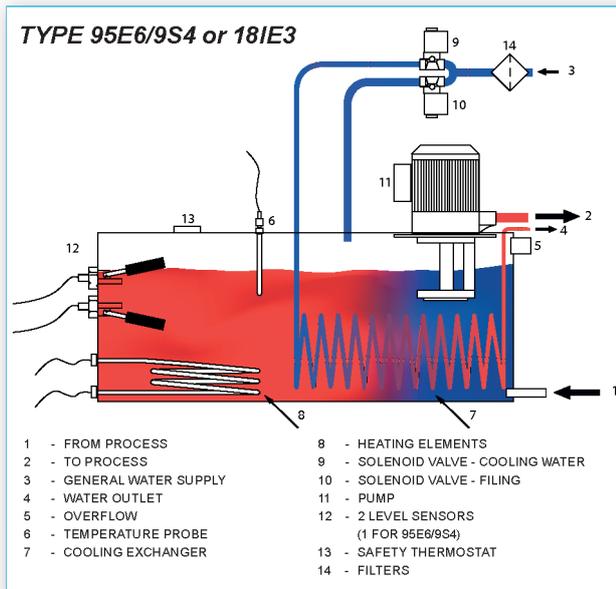
Manifold Multi - Inlets/Outlets	○	○	○
LED Alarm Tower	-	○	○

VARIOUS

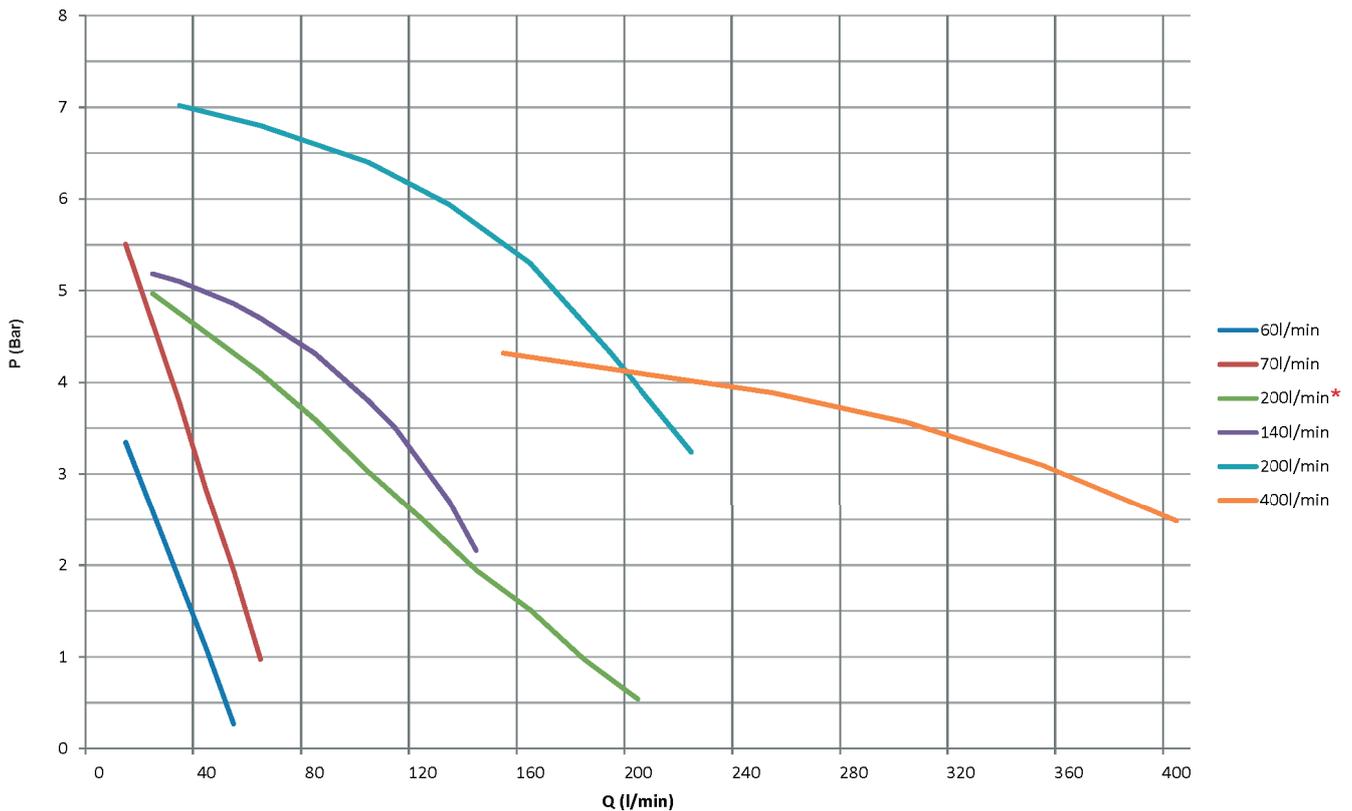
Lateral Door Colour	○	○	○
230V/440V/480V - 3PH. + T - 60Hz	-	○	○

● = Standard ○ = Optional - = Not Available

HYDRAULIC CIRCUIT:



PUMP PERFORMANCE:



* Peripheral submersible pump