



## **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 from SISE 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 SISE's experience for a large portion of market applications.***

***SISE also manufactures for custom applications thanks to a competent team. Diverse projects throughout the world confirms know-how that is recognized in plastics and composites for close to 50 years !***



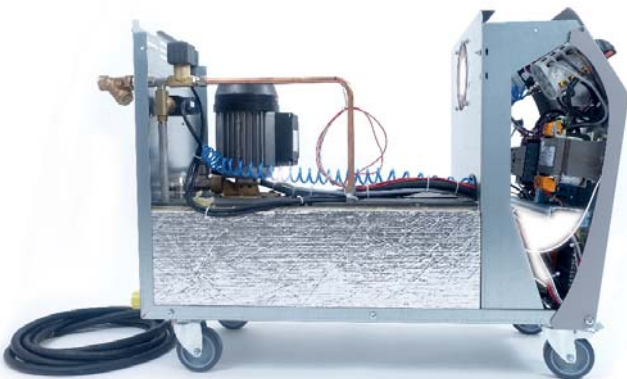
### 95E6-9S4

- The compact thermolators in the 95E Water product line were designed by SISE starting 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. **2 year Warranty.**



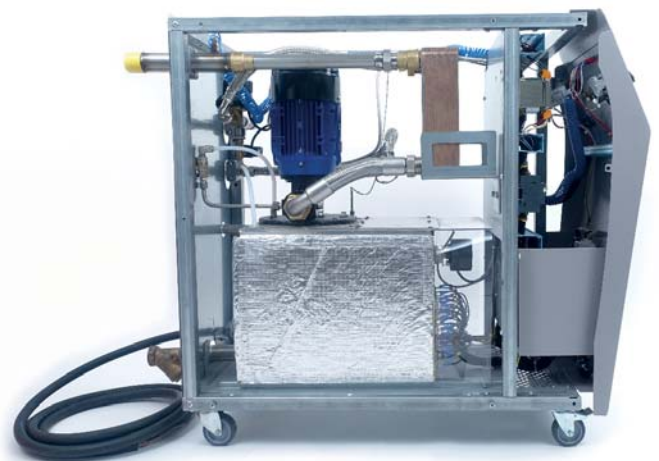
### 95E6-18IE3

- Les thermorégulateurs de la gamme eau type 95E6-18IE sont capables de recevoir un grand nombre d'options. Ils proposent 2 types de pompe périphérique immergée en 60 L/Min et 70 L/Min. Avec un volume de remplissage du réservoir plus important de 16L, ils répondent à un nombre varié d'applications. Les puissances de chauffe vont de 6 kW à 18 kW et les puissances de froid disponibles de 30 kW à 100 kW permettent une grande flexibilité d'utilisation. Avec plus de 15 options dont le froid renforcé, les communications machine RS485 / TTY / Modbus / Profibus / SPI..., et le débitmètre, cet appareil est idéal pour vos ateliers. **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 140L/Min, 200L/Min and 400L/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 1st rate components is an advantage for these systems of added durability and quality for production. Accessibility and simple assembly provide for easy maintenance. **2 year Warranty.**



## TECHNICAL FEATURES WATER TEMPERATURE CONTROLLER

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	Coil		Coil					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		15,5					34				
Expansion Volume (L)	2,2		7,4					10				
Process inlet / outlet	¾"		¾"					1"¼				
Control and Regulation	MicroP - Self-Tuning											
Voltage	400V - 3Ph. + T - 50Hz											
Dimensions (mm) :												
Depth	542		811					1150				
Width	270		328					446				
Height	498		540					976				
Weight kg (empty)	26		53					From 110 to 150 kg depending 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	-	○	○

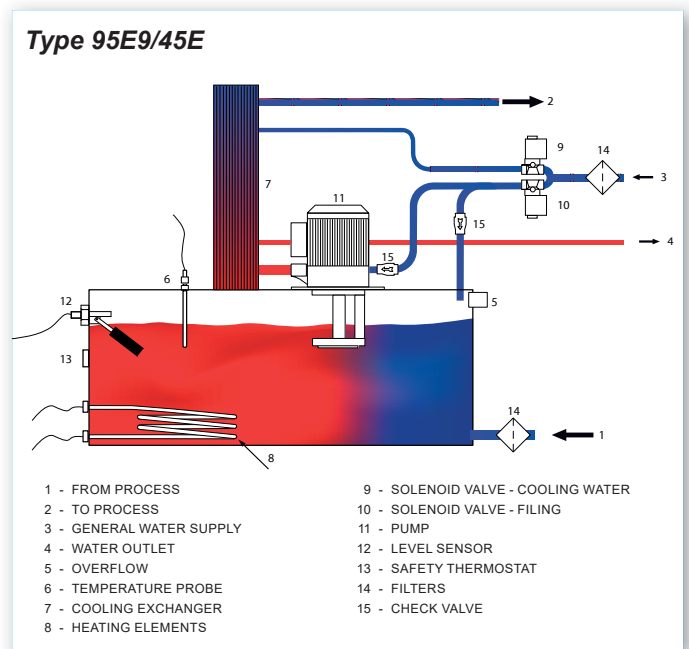
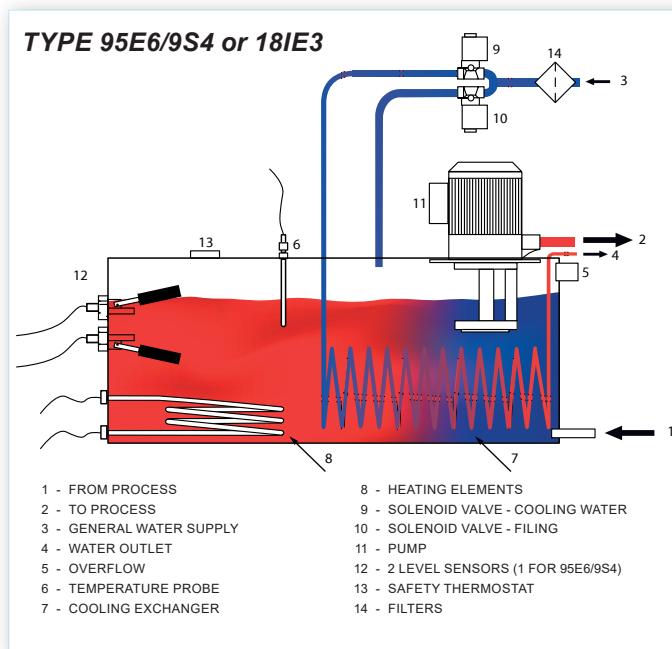
### VARIOUS

Lateral door color	○	○	○
230V/440V/480V - 3Ph. + T - 60Hz	-	○	○

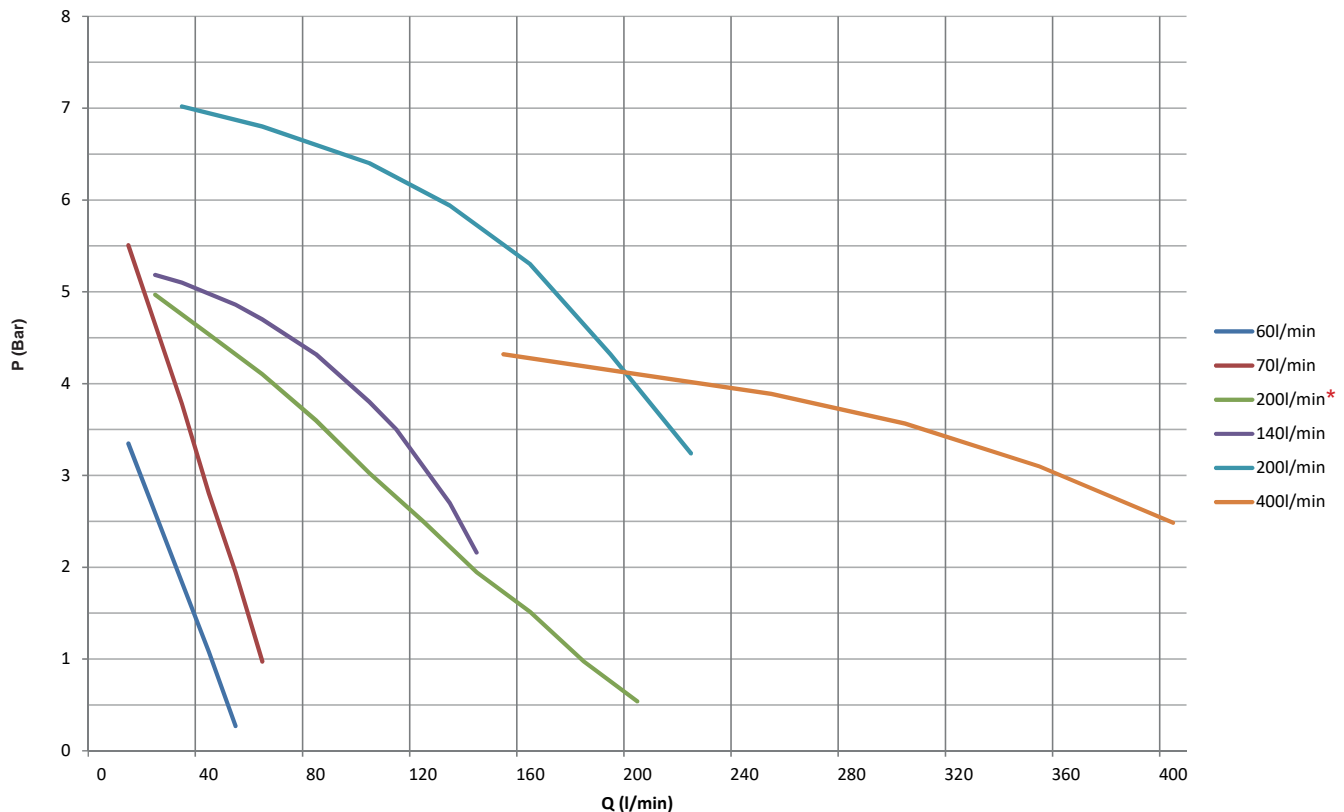
●= standard ○= option - = not available



## HYDRAULIC CIRCUIT :



## PUMP PERFORMANCE :



\* Peripheral submersible pump

**SISE takes part regularly in training, assistance with start-up, or for existing installations**