

S.I.S.E.

WATER TEMPERATURE CONTROLLER TYPE 160 E 6 / 12 E



Ensured lifespan
with
magnetic coupling !

Technical Features

Type	160 E 6 E	160 E 12 E
Medium	Water	Water
Maximum Temperature °C	160	160
Heating Capacity kW	6	12
Nb Heating Stages	1	1
Cooling Technology	Exchanger	
Cooling Power * kW	55	57
Pump Type	CY-4281 magnetic coupling	
Maximum Throughput l/min	60	60
Maximum Pressure bar	6	6
Leak-Stop Function	Oui	Oui
Filling	Automatic with booster pump	
Filling Volume litre	3,5	4
Expansion Volume litre	2,5	2,5
Control and Regulation	MicroP - Self-Tuning	
Voltage	400V - 3Ph+earth - 50Hz	
Weight (empty) kg	57	62
Dimensions l x w x h (mm)	900 x 320 x 600	



* Water 10°C - Maximum Process Temperature
** Leak-prevention mode possible up to 70°C

Options

- 1) Remote Temperature Sensor / Remote Alarm
- 2) Communication RS 485 / TTY / Modbus / Profibus
- 3) Manifold Multi - Inlets / Outlets
- 4) Solid State Relays
- 5) Remote Control
- 6) SISE Digital Control Panel
- 7) Communication Euromap 17

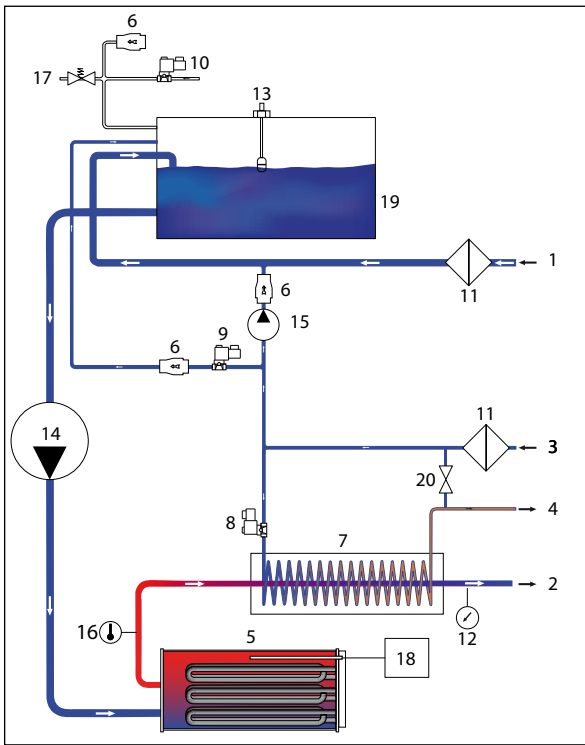
S.I.S.E.

Hot Runner Controls
Mold Temperature Control
Sequential Molding
Production Monitoring

Parc Industriel Sud - Groissiat
F - 01100 OYONNAX
Tel (33) 04.74.77.34.53
Fax (33) 04.74.73.90.18
e-mail sise@sise.fr
web: www.sise.fr

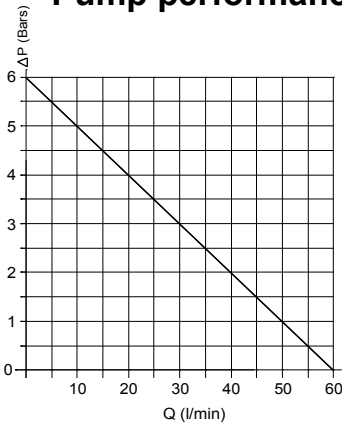
MOLD TEMPERATURE CONTROL

Hydraulic circuit

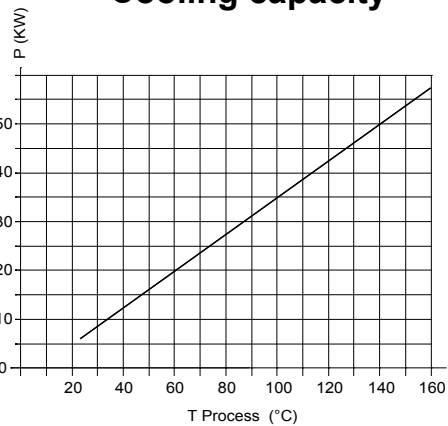


- 1 - TOOL RETURN
- 2 - TOOL OUTLET
- 3 - GENERAL WATER SUPPLY
- 4 - OUTLET - COOLING WATER
- 5 - BOILER 6-12 KW
- 6 - CHECK VALVE
- 7 - COOLING HEAT EXCHANGER
- 8 - SOLENOID VALVE - COOLING WATER
- 9 - SOLENOID VALVE - FILLING
- 10 - PURGE SOLENOID-VALVE
- 11 - FILTER
- 12 - PRESSURE GAUGE
- 13 - LEVEL SENSOR
- 14 - PUMP
- 15 - BOOSTER PUMP
- 16 - TEMPERATURE SENSOR
- 17 - SAFETY VALVE
- 18 - SAFETY THERMOSTAT
- 19 - EXPANSION TANK
- 20 - BY-PASS-COOLING MANUAL VALVE

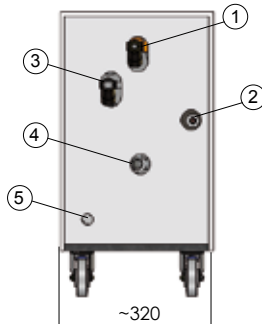
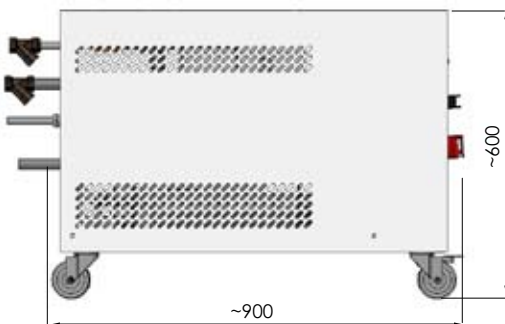
Pump performance



Cooling capacity



Dimensions



1	General water supply 1/2" female (600 micron sieve filter)
2	Outlet cooling water 1/4" male
3	Tool return 1/2" female (600 micron sieve filter)
4	Tool outlet 1/2" male
5	Power supply (5 m)