

# HEATING MEDIUM CIRCULATION TEMPERATURE CONTROLLER (Mold Temperature Controller)

## TW-LA Series (Max 90°C Type)



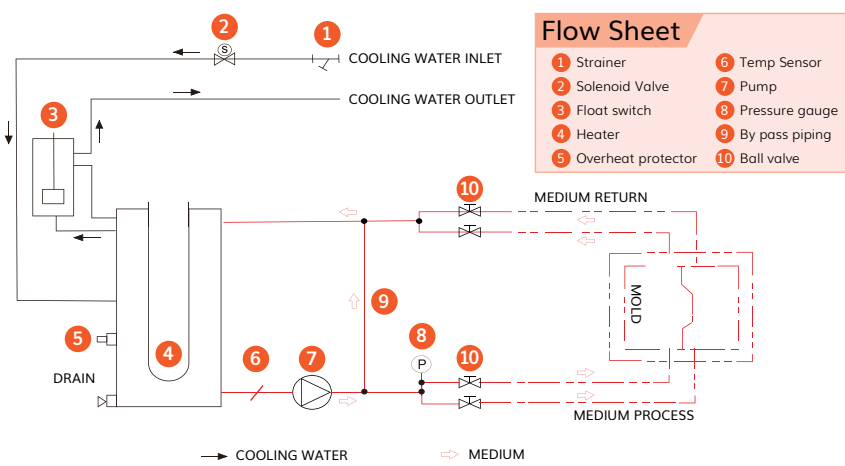
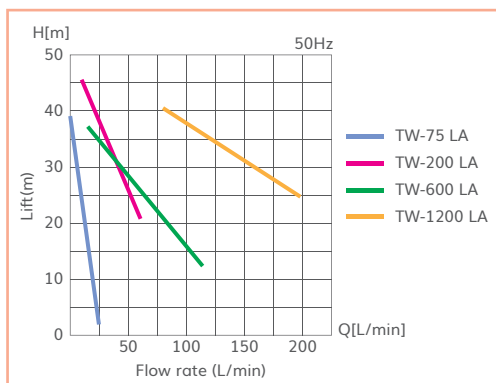
### Features

#### Accuracy

- ▶ ± 0.1°C Temperature unit indication
- ▶ Pt100Ω Sensor minimizes ambient temperature influence
- ▶ SSR for heater control

#### Reliability

- ▶ Longer life cycle
- ▶ Improved mechanical seal and shaft components lead to increased endurance



### Specifications

TW-LA-KI

Model	TW-75LA-KI			TW-200LA-KI			TW-600LA-KI			TW-1200LA-KI				
Temperature	Max. 90°C													
Medium	Water													
Overheat Protection Set Temp	122°C													
Control Method	PID													
Heater Capacity (kW) 20CN/38W/415V	3.0			6.0			9.0			12.0				
Pump	Motor Capacity (kW)			0.55			0.75			1.5				
	Max. Pressure (Mpa)			0.46			0.38			0.41				
	Max. Flow (L/min)			58			116			200				
	Flow Rate (L/min)			2	10	25	8	33	58	16	66	116	83	133
Total Head (m)			40	30	3	46	35	22	38	10	14	41	36	26
Cooling Method	Direct cooling													
Practical Cooling Capacity (kW)*	2.3			7.3			10.8			15.1				
Pipe	Circulation System			10Ax2			10Ax4			15Ax4				
	Cooling System			10A			15A							
Power Source (Cable)	AC 200V/380V/415V/ 50Hz 3P+E (5m)													
Total Electric capacity 200V/380V/415V (kW)	3.5			6.55			9.75			13.5				
Cooling Water Volume (L/min)	≥5			≥15			≥25			≥45				
Cooling Water Pressure (Mpa)	0.1~0.3													
Heat Resisting Hose/Hose-Nipple	10Ax 15mx 1			10Ax 15mx 1			10Ax 15mx 2			15Ax 15mx 2				
With Band For LA	12			12			20			24				
Dimension (WxDxH) (mm)	430 x 235 x 540			635 x 235 x 570			635 x 235 x 720			700 x 300 x 870				
Weight (kg)	33			55			70			100				

Feed pressure for cooling water is 0.2MPa when the difference between medium temperature and cooling water inlet/outlet temperature is 30°C  
(Technical specifications and dimensions are subject to change without prior notice.)

1KW=860kcal/h