

RC-113M PID Thermostat

Quick Start Guide

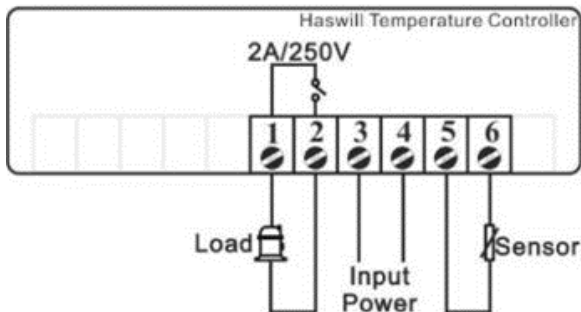
(Version 22.11.03GEN)

[Video on YouTube](#)

113M thermostat can dynamically adjust the output current intensity by the SCR (Silicon-Controlled Rectifier), makes the temperature change gradually instead of sharply.

1. **Wiring Diagram**

Unlike STC serial controllers, which usually need jumper wire, this unit is easy to wire, just like the diagram shows.



Attention

The relay's max current is 2A; hence your load power is usually ≤ 440 Watt for 220V, ≤ 264 Watt for 110V)

2. Set the Aimed Temp

the “set-point” was defined as the aimed temperature; there is no hysteresis/return difference here; please do not try to find it.

Assure power on, press and release the [set] key, you will find data on the screen, and the red “SET” light blinks. Now press the direction keys to adjust the aimed temperature.

From the moment of power on, this unit is always working.

The inside SRC offers electricity to the heater and auto-adjusts the output electric current according to [the difference between measured temperature value and aim value].

3. **Function Menu**

Hold on the [Set] key for 3s, and the display appears *F01*.

Now it is the configuration interface; try the other three

keys to select code and change the value; it is easy.

Code	Meaning
<i>F01</i>	Lower Limit for SP (°C)
<i>F02</i>	Upper Limit for SP (°C)
<i>F03</i>	Calibration (°C)

This is not a step-by-step user manual;
It just shows the key points.
The new user should read the Full-Content Version User
Manual



Haswill Electronics
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