

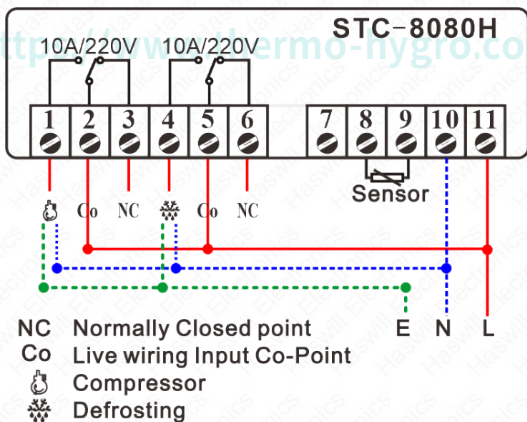
STC-8080H Thermostat

Quick Start Guide

(Version 21.08.02GEN)

STC-8080H defrosting thermostat with one sensor and two output relays to connect and control the refrigeration and the defrosting unit. There is an **editable** delay time for the over-temp alarm function.

1. Wiring Diagram



This unit does not output AC electricity; hence you have to wire all live and null wires to each port; you may use the jumper wire conveniently.

2. Function Menu

Code	Function
F1	Temperature for Refrigeration Starts
F2	Temperature for Refrigeration Stops
F3	Temperature Calibration
F4	Compressor Delay Time
F5	Over-temperature to Trigger Alarm (more than F1)
F6	Alarm Delay Time
F7	Defrosting Cycle / Interval Time
F8	Defrosting Lasting Time

<https://www.thermo-hygro.com>

3. Configuration

The aimed temperature range was defined from “**F1**” to “**F2**”; you need to set both.

- $\geq F1$, refrigeration starts.
- $\leq F2$, refrigeration ends.

Step1 Hold the **Set** key for 3s, and the code **F1** will appear.

Step2 Press the **▲** or **▼** keys to get the aim function you want to update;

Step3 Press the **Set** key to check the existing value;
Hold the **Set** key meanwhile press the **▲** or

▼ key to change the value;

Step4 Release all keys once it reaches your aim value;
Repeat operation from Step 2 / 3 / 4 to adjust other parameters;

Step5 After configuring all values, press the **Rst** key to save data and back to normal monitor status.
Attention: the modified value will be saved automatically and back to normal status if without operation in 30 seconds.

4. Run the Forced Refrigeration

Hold the ▼ key for 3s to start the forced-defrosting mode;
do it again to stop defrosting.

More Tips:

This unit controls the defrosting only by the time, but not by the evaporator temperature like [STC-9100](#).

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

[https://www](https://www.hygro.com)



[hygro.com](https://www.hygro.com)

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