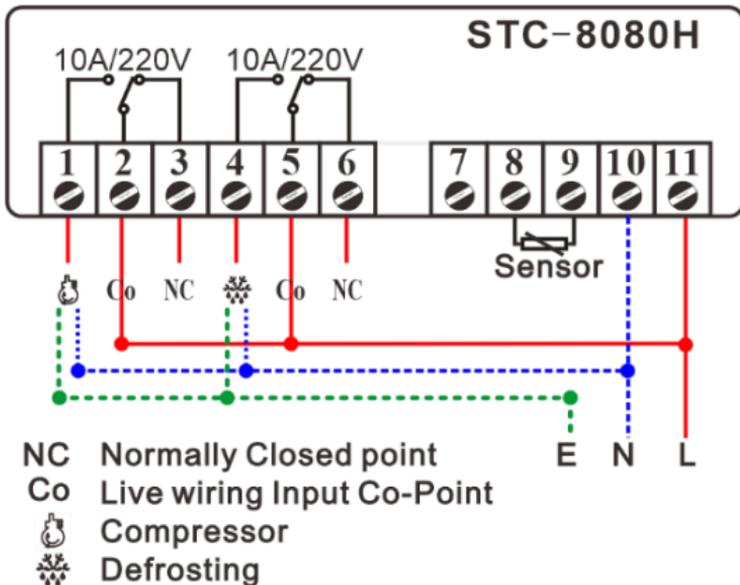# STC-8080H Thermostat

Quick Start Guide

(Version 22.11.03GEN) [Video on YouTube](#)

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

3. Configuration

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

- ≥ F1, refrigeration starts.
- ≤ 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

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[STC-8080H](STC-8080H)