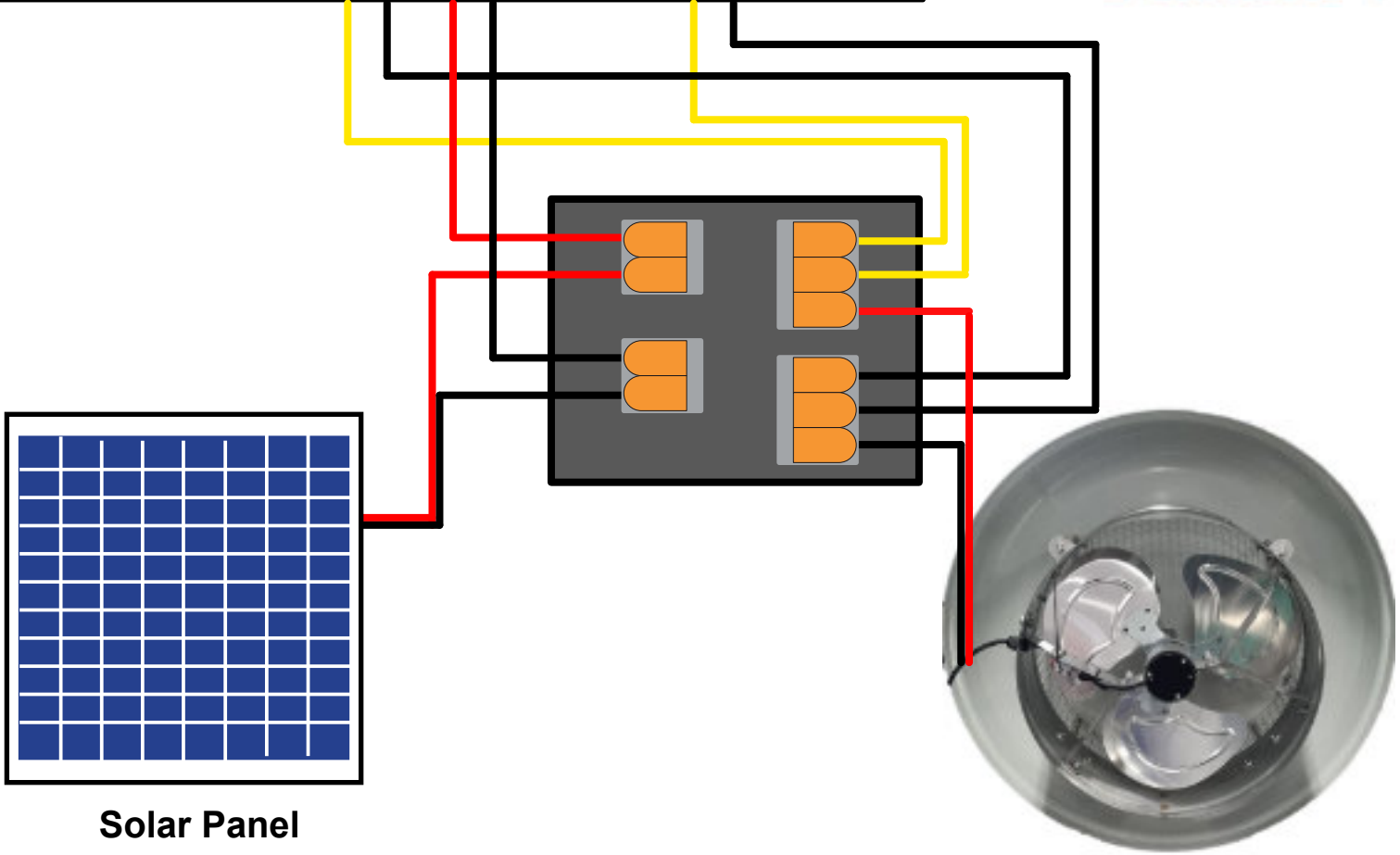# Thermostat and Hygrostat - Wiring Loop Diagram
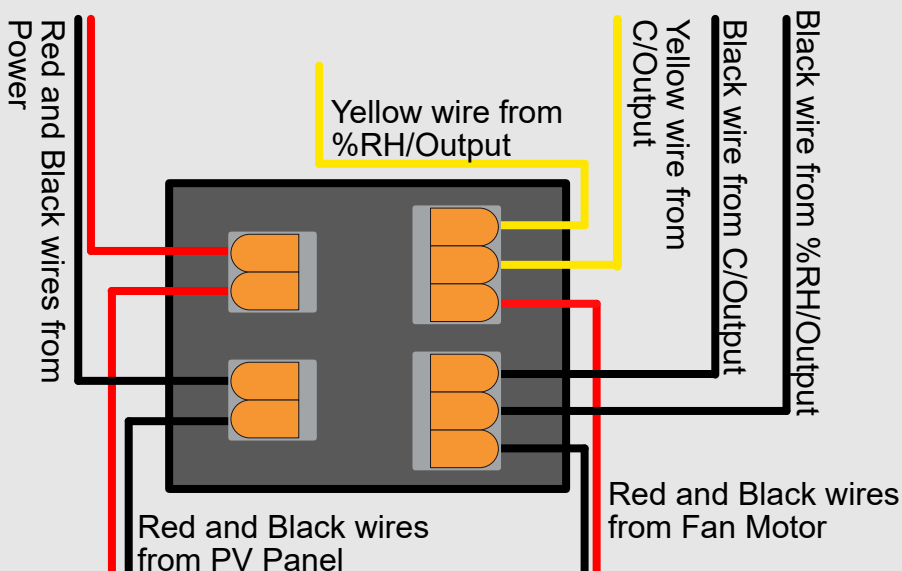
Temperature Humidity Controller

Model: W1099

Power:

Temp. Zone: 0C - 100C

Humidity Zone: 1% ~ 99%RH

Output: Max 10A, Directly Output

Sensor   %RH/Output   Power   C/Output

Solar Panel

Red and Black wires from Power

Yellow wire from %RH/Output

Yellow wire from C/Output

Black wire from C/Output

Black wire from %RH/Output

Red and Black wires from PV Panel

Red and Black wires from Fan Motor

Thermostat and Hygrostat - Wiring Loop Dia-

Setting Start Temperature:

Press △ once, this will show the set start temperature.

Long press △ for 3 seconds, the set start temperature will start flashing. You can adjust the set temperature by pressing △ or▽

NOTE: You must also set a stop temperature. The fan will not stop operating unless a stop temperature has been set.

Setting Stop Temperature:

Press ▽ once, this will show the set stop temperature.

Long press ▽, the set stop temperature will start flashing. You can adjust the set stop temperature by pressing △ or ▽.

If the start temperature is **lower** than the stop temperature the unit will be **heating**.

If the start temperature is **higher** than the stop temperature the unit will be **cooling**.

Setting Start Humidity

Press △ once, this will show the set start humidity.

Long press △, the set start humidity will start flashing. You can adjust the set stop temperature by pressing △ or ▽.

Setting Stop Humidity

Press ▽ once, this will show the set start humidity.

Long press ▽, the set start humidity will start flashing. You can adjust the set stop temperature by pressing △ or ▽.

If the start humidity is **lower** than the stop humidity the unit will **increase humidity**.

If the start humidity is **higher** than the stop temperature the unit will be **decrease humidity**.

Temperature/Humidity Correction

This function is only used when there is a difference between the test temperature/humidity and the real temperature/humidity.

Correction Data = Test Data + Correct Data.

Press and hold △ and ▽ together for 3 seconds. The screen should show 0.0. Use △ and ▽ to adjust.

Once adjusted, wait for 5 seconds. The screen will then show the real temperature.

Returning to Factory Settings

With electricity on, press and hold △ and ▽ together for 3 seconds. The screen should show 888, then automatically switch to the test temperature.