TR3100AC4P Thermostat Instructions

Buttons and LCD display

Buttons / Icon	Description	Button / Icon	Description
P	Turning on/off thermostat	❄️	Cool mode
M	Heat/Cool mode selection	☀️	Heat mode
(fan)	Fan speed selection	(fan)	High fan speed
△	Increase the set value	(fan)	Medium fan speed
▽	Decrease the set value	(fan)	Low fan speed
MON	Monday(TUE, Tuesday, etc)	(fan)	Auto fan speed
SET AT	Set temperature	(triangle)	Fan is running continuously regardless of room temperature

MON
❄️
Cool
Room Temp
23.0 ℃
08:38

Set the Time and Day

1) Press and hold button (fan) until the time flashes
2) Use button ▲ or ▼ to change the time
3) Press button (fan) again, the day of the week will flash
4) Use button ▲ or ▼ to change the day
5) Press button (fan) to accept and exit

Setting temperature

Press up arrow button or down arrow button once, you will see set temperature flashing. Use up arrow button or down arrow button again to adjust to the temperature you want your room to maintain. Press button (fan) to accept and exit.

Resetting factory defaults

Your thermostat has the ability to reset all settings to the factory defaults. If you are certain you want to do this:
In standby mode(when thermostat is turned off), press and hold button (M) and (fan) for 5 seconds until RES is shown on LCD.

C / F selection

To slect C or F temperature, press and hold the buttons ▲ and ▼ for 5 seconds .

Select fan speed

Press (fan) to select between Low,Medium,High or Auto fan speed. In Auto fan speed, the thermostat will automatically switch the fan between high, medium, or low as described below,

Heating: 1°C below = Low, 2°C below = Medium, 3°C below= high
Cooling: 1°C above = Low, 2°C above = Medium, 3°C above= high

(fan) Auto fan speed   (fan) Low fan speed
(fan) Medium fan speed   (fan) High fan speed

Heat/Cool mode

Press button (M) to select Heat/Cool mode.
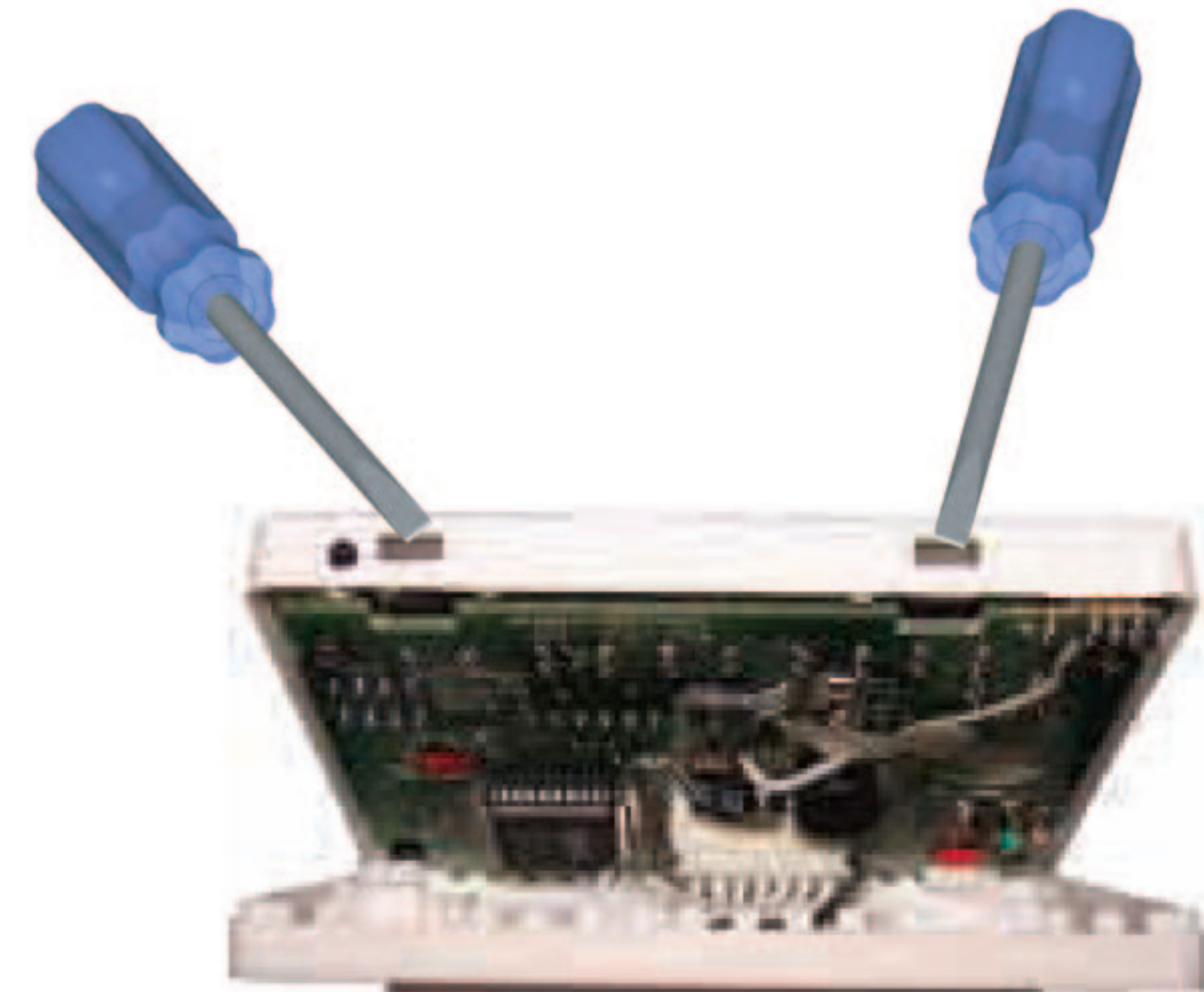Heat: Thermostat controls only the heating system.
Cool: Thermostat controls only the cooling system.

Continuous running fan

To have the fan run continuously regardless of room temperature, press and hold button (M) and (fan) for 5 seconds until (triangle) is shown on LCD. To cancel, repeat above steps.

Installation and Wiring

Carefully separate the front half of the thermostat from the back plate by placing a small flat head terminal driver into the slots on the bottom face of the thermostat. Carefully unplug the ribbon connector which is plugged in to the front half of the thermostat. Place the thermostat front half somewhere safe. Terminate the diagrams below. Screw the thermostat back plate on to the back box.
Re-connect the thermostat ribbon cable and clip the two halves together.

Power supply: 230V AC or 120V AC, see the instruction on relay box.
Max load: 3A for each relay

N

L

7	6	5	4	3	2	1
N	high	medium	low	Cool valve	Heat valve	L