



# Manual for RAINBOW capillary thermostats

REV.07 / 20191128

It is called "Mechanical or Capillary thermostat" which maintains the desired temperature for the various heating or cooling appliances. It consists of a sensing bulb to detect temperature and a switch to cut in and cut off the electric power. Be sure to mind this manual for the most suitable application and for your safety.

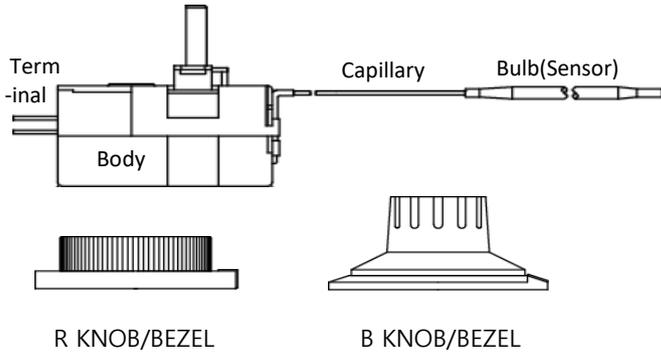
### ◀SPECIFICATION▶

1. Temperature range to be controlled covers from -30c to 320c. Our catalogue and website ([www.rainbowelec.co.kr](http://www.rainbowelec.co.kr)) will provide more information on the proper temperature range for each appliance.
2. The electric rating (30A/250VAC, 20A/250VAC is shown on each label of the part.
3. Max ambient temperature of the thermostat body is 120°C
4. Not over 120% from high end tempreaure is allowed on the bulb temperature  
(Not over 105% is recommanded for thermostat higher than 300c for safety)

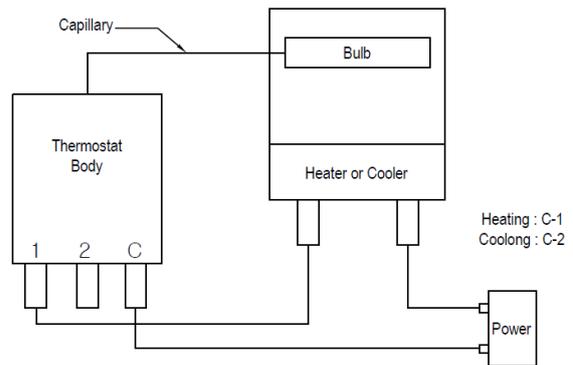
### ◀Caution & Notice ▶

1. Please mind this instructions before installing a thermostat to your equipment and contact the supplier for any question or doubt.
2. Use it in allowed electric rating for your safety.
3. Carefulness is required to handle bulb and capillary to prevent breaking.
4. Do not bend the capillary less than 5mm radius
5. A damaged bulb can make fail the desired temperature.
6. Thermostat body should be installed away from heating source. The higher ambient temperature can affect its normal function.
7. Sensing bulb should be installed in or close to heating source. Otherwise it can be out of the allowed tolerance.
8. Install the thermostat so that no pressure is applied to the body of the thermostat.  
Excessive pressure on the body may cause malfunction.
9. Terminals deformation is not allowed for safety.
10. Refund or replacement is not accepted for voluntary fixing or modifying.
11. Applying the supplied parts with the thermostat.
12. Warranty : 2 years from purchasing or A year from installing any appliance.

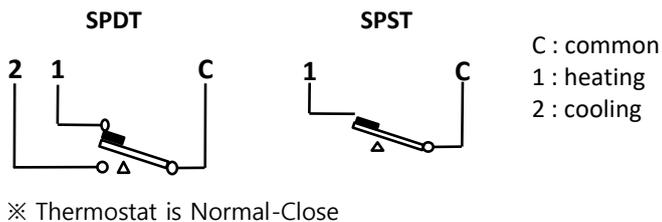
### ◀Part▶



### ◀Installation▶



### ◀Diagram▶



Please contact us when you occur question.

### ◀Contact us▶

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