

# HY369 TRV Thermostatic Radiator Valve User Manual



Search for " Smart RM or Smart life " Download the Wifi App with the following icon.

**Remark:** The phone and the gateway must be connected to the same router

- After the actuator stroke detection is completed, long press the key combination " ⚙️ " and " 🌙☀️ " Activate WIFI distribution network 📶 icon is flashing

**APP need connect to gateway ,then connect to device**

## Initial Setting

First time open thermostat, it displays all icons for 3s	🕒 blinking. Press <b>BOOST</b> <b>OK</b> to set minutes, hour, week. Press <b>▲</b> , <b>▼</b> to change value. Press <b>BOOST</b> <b>OK</b> to confirm.	Test One. "ADA" displays. Press <b>BOOST</b> <b>OK</b> . If batteries, gear reducer and valve is fine, as shown in picture	Test Two. Finished

! Adjustment Error (If solved errors, restart by pressing **BOOST** **OK** )

Er1 Short route: the pin was stuck which is away from terminus 2mm

Er2 The temperature sensor is disconnected or damaged

🔋 Low battery, icon of battery is blinking

After put batteries inside, 📶 is on display then mean okay ,if flashing ,then breakdown.

## Technical Data

Power: 3\*2 AA\* 1.5V alkaline batteries

Working temperature: -10~60°C

Default range of temperature adjustment: 5~35°C

Range of temperature display: 0~70°C

Insulating condition: Normal environment

Running program: Set per 1 week as a cycle

Maximum current: 90mA

Display accuracy: 0.5°C

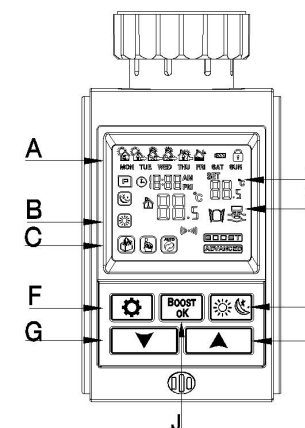
Probe sensor: NTC(10k)1%

Thread size: M30\*1.5


Size(mm): 66\*52\*100mm

Maximum route: 4.5mm

## Displays & Buttons



NO	Explain
A	7 days program 6 times period, Low battery icon 🔋, Child lock 🔒
B	Energy saving mode 🌙, comfort mode ☀️
C	Holiday mode 🏠, Manual mode 🖱️, Auto mode 🔄, BOOST mode, <b>ADVANCED</b>
D	Clock 🕒, Manual program 📅, Setting temperature <b>SET</b>
E	Room temperature 🏠, Valve status 🚰, Open widow detection 🪟
F	⚙️ 1) Press to switch auto mode, manual mode 2) Long press 3s to access programmable mode
G	▼ 1) Decreasing Key 2) Long press to activate force close valve (display <b>【OFF】</b> )
H	🌙☀️ 1) Press to set comfort mode or energy saving mode 2) Press 🌙☀️ for 3s, press ▲ or ▼ to set comfort mode, again press 🌙☀️, and press ▲ or ▼ to set energy saving mode
I	▲ 1) Increasing Key 2) Long press to activate force open valve (display OP)






<b>J</b>	<b>BÖÖST</b> <b>OK</b>	<p>1) Confirm function</p> <p>2) BOOST is quick heating mode, short press BOOST to open or close quick heating mode, press  exit this mode, and it will turn back to original work state</p> <p>3) Long press to unlock ( about 10min will auto lock)</p>
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## Function

### 1) Time Setting

Long press  for 3s to access Time Setting. Press  to switch into , then press **BÖÖST** **OK** to confirm. Press ,  to change minutes, hour, week. Press **BÖÖST** **OK** to confirm.

### 2) Holiday Mode

Press  to switch into  Holiday Mode. Press **BÖÖST** **OK** to confirm. Press ,  to change temperature and days. Press **BÖÖST** **OK** to confirm, short press  switch to manual mode or auto model, and exit holiday mode





### 3) Open Window Detection

It is default that open window function was closed after put into batteries , and display -- , And open it on advance setting A2 (once change batteries,should set it again)

When room temperature suddenly drop into temp threshold (adjust range 5 °C -25 °C ), valve close for 15 minutes (adjust range 5-60 min). After finished, if the room temp is still lower than temp threshold, it will keep this mode.

### 4) Programmable Mode





P2 5+2 days programmable (Default)





Long press  for 3s to access Programmable Mode. Press  to switch into P (5+2 Days, 6+1 Days, 7 Days). Press **BÖÖST** **OK** to confirm. Press ,  to change value.

#### P0 Manual Programmable(Default):

Period	Default Period	Default temperature
1	6:00-8:00	20°C
2	8:00-11:30	15°C
3	11:30—12:30	15°C
4	12:30—17:30	15°C
5	17:30—22:00	20°C
6	22:00—6:00	15°C

## Advanced Options

Long press  for 3-5 to access Advanced Option. Press  to switch into **ADVANCED**. Press **BÖÖST** **OK** to confirm. Press ,  to change value. After 10s will save and exit

NO	Description	Range	Default
A1	Temperature Calibration	-9-+9°C	0.5°C
A2	Open Window Detection	1 open and setting open window temperature: - - mean closed it ,press  ,display 5 °C,mean open it ,and setting range :5-25°C 2 Valve closing time(running time of open window): 0: 05-1: 00 (press one time ,change 5min) , after time is 0,then closed it	1 Temp threshold: -- °C( Default:Close ) 2 0:15 mean valve close time
A3	Auto be locked	0: cancel this function 1: open this function	0
A4	Min Temperature	1-15°C	5°C
A5	Max Temperature	16-70°C	35°C
A6	BOOST Extension Per press  add 100s/time	100s-900s	300
A7	Valve Opening	100 mean valve opening100% 5 mean valve opening 5%	
A8	Temperature Tolerance	0.5-1.5°C	1°C
A9	<b>Factory Default</b>	Display A o, press <b>BÖÖST</b> <b>OK</b> whole display 88 ,press  or  to change it to 00	



#### RISK OF ELECTRICAL SHOCK

Please arrange professional technician to install the product according to drawings and instructions.

Disconnect power supply before making any connection. Contact with components carrying hazardous voltage can cause electrical shock.