

SEA802-B01

INSTRUCTION

A3

OPERATING INSTRUCTION

SEA802-B01

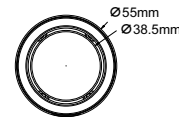
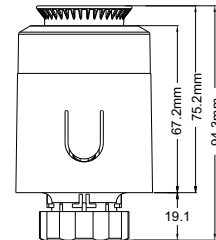


Content

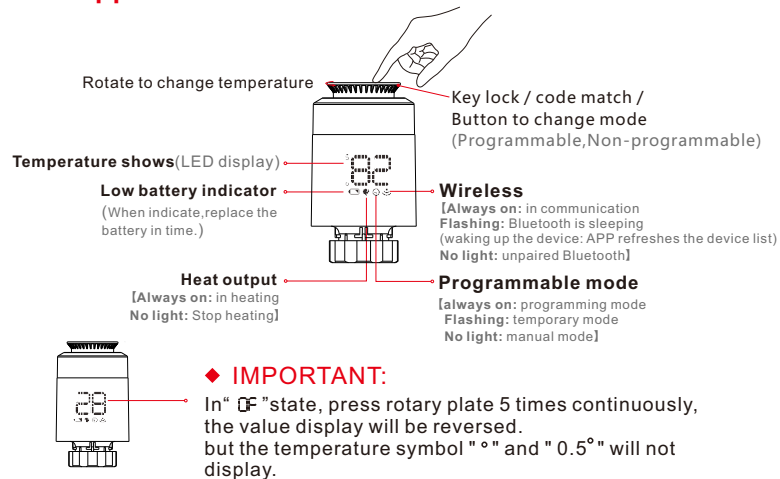
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TRV specifications

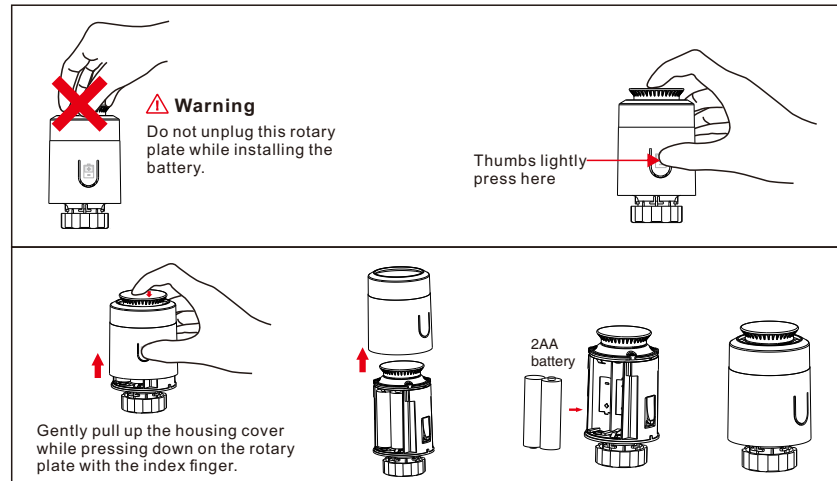
- * **Power source:** 2AA battery (Don' t use the rechargeable battery)
- * **Battery lifetime:** 1year
- * **Temperature setting accuracy:** 0.5°C
- * **Room temperature display range:** 0°C~50°C
- * **Operation temperature range:** 5°C~30°C
- * **Shipping & storage temperature:** -10°C~60°C
- * **Frequency:** 2.4GHz
- * **Wireless transmit range:** Open distance ≤10M
- * **Display:** LED screen
- * **IP class:** IP21
- * **Connection:** M30x1.5mm



TRV Appearance

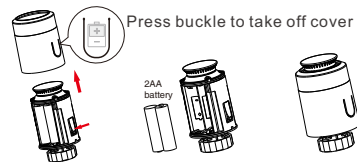


Schematic diagram of battery installation



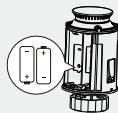
TRV Installation

- 1 Put battery in battery compartment



Attention:

* Insert the batteries checking the polarities (+ / -) are correctly aligned.



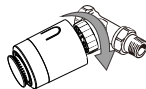
- 2 Display show "LR" flashing.



- 3 Once valve needle is flush with the base.



- 4 Install TRV with M30*1.5 screw thread Interface of valve .Tighten the copper ring.

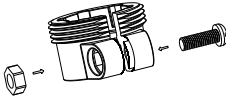
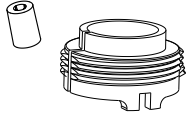


- 5 Press button on rotary plate lightly, it would flash "LR" TRV will match valve stroke, if match successfully, will active initial setting.



Adapter Selection

Pls confirm valve diameter

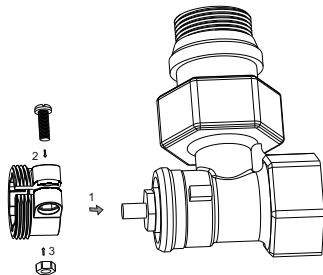
Danfoss	Caleffi	Giacomini
1/2 valve (RA)	1/2 valve	1/2 valve + short plunger
		

Adapter Installation

Danfoss

1/2 valve (RA)

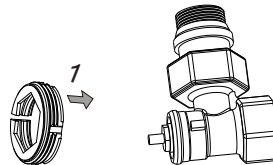
Please tighten the screws after fixing the valve connector



Caleffi

1/2 valve

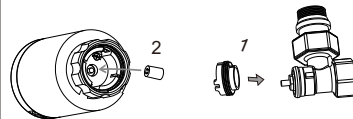
Adapter, please put directly on the valve.



Giacomini

1/2 valve

Giacomini 1/2 valve need install short plunger at button of TRV .
Accessories, please put directly on the valve.



Notice for use

ON / OFF

The temperature < 5°C , display "0F". The temperature > 30°C , display "0n"

Open window function

When use radiator to heating , the window is opened ,when room temperature drop 6°C in 4 minutes , TRV will close valve automatic, display will show "0p", When window is closed , meanwhile room temperature increase 2°C , TRV will open valve automatic , back to operation mode .

Anti-scale function

If radiator not open within two weeks or long time not open will let valve clogged as scale , radiator will be damaged. In order to let radiator to use normally , TRV will open valve running 30 seconds every two weeks , display will show "0d" , when run finished will recovery running condition .

Child lock function

In order to prevent TRV setting from children, it could activate child lock function by long press rotary plate until display show "LC". Long press rotary plate again over 10s to unlock.

Anti-freezing function

In the power off state, the screen show "0f"

Anti-freezing function: the valve will be opened when the temperature is below 5°C , when the temperature rises to 8°C , the valve will be closed.

Alarm

In the normal operation range:
NTC sensor damage , display: Er

Low power alarm

When the battery voltage is extremely low , display the alarm symbol  , which remind that the user shall replace battery.

Temporarily override

When in programming mode , if you want to change the current programming temperature manually , please rotate the rotary plate to adjust the temperature you want to set , and the temperature will remain until the current programming time end of the period.

Link APP (Login)

Download:

Click App store or Android application market to download "Tuya Smart" app.



Registration and Login:

Click the "Register" to create account. Enter your account password to log in



Register



Create account

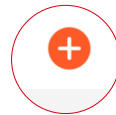


Login

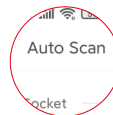
Add TRV

Tips: Please turn on your Bluetooth and Location Information on your cell phone.

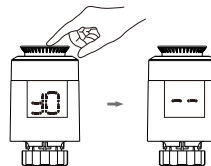
- 1 Enter the "HOME" interface of the app, Click the "+" in the upper right corner .



- 2 Click "Auto Scan", Click "Go to add "



- 3 For TRV: In "OF" state, long press rotary plate until the screen show "--".



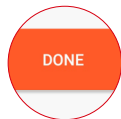
- 4 Click "Next" .



- 5 Wait a few seconds until the TRV appears "PP"

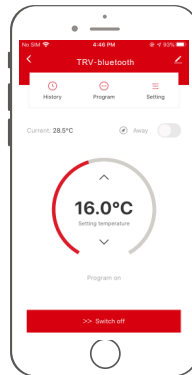


- 6 Click "Done", it means the TRV added successfully.



Temperature Setting

After the TRV is added successfully, we can control the device through the APP.
Press $\wedge$ or $\vee$ for increase or decrease of the temperature.



* Tips

Under the TRV opening programming function:

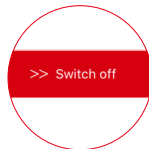
Adjust the temperature on the current interface, which is effective only in the current period of time but recovers the original programming in the next period of time.

Under the TRV canceling programming function:

Adjust the temperature on the current interface, and remain the current temperature all long.

Power On/Off Setting

Click ">> Switch off" and drag to the right to achieve "slipping for power off" or "slipping for power on".



* Tips

If you are away for a long time, no heating equipment is required at home and it is in the cold state, you can directly switch it off and our TRV can automatically enter the "anti-freezing mode", which is started at the room temperature of less than 5°C and closed at the room temperature of over 8°C, so as to prevent the radiator from heating failure because of being frozen.

Programming Setting

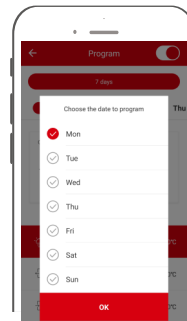
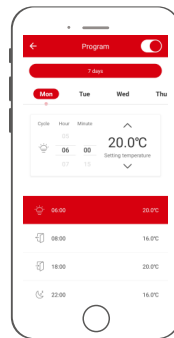
- 1 Click the programming to enter the programming interface.
- 2 Selecting the period of time of 7-day programming, press "∧" or "∨" to set temperatures in the different periods of time.



- 3 Enter the programming interface and then click the "7-day" key.



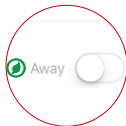
- 4 Click the date to be edited and confirm it.



Temporary Stay-out Setting

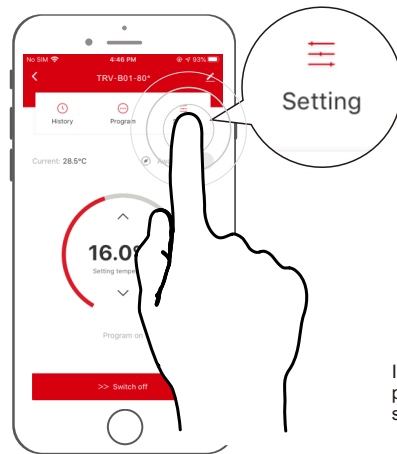
- 1 If you need to stay out temporarily, please click "Away" key.

The temperature can remain at 16°C, the energy-saving icon "🌿" turns green and is on



- 2 After you arrival at home, click "Away" key to recover the previous temperature setting.

Implicit Parameter Setting



Implicit parameter setting

