

Honeywell Home

HR91 FAQ & Setup Guide

Intro:

What is HR91?

HR91 is our new wireless radiator valve working with Evohome Wifi. It's was developed for homeowners that will use their Evohome unit or their mobile as the primary way to control and monitor their heating system, instead of interacting directly with the radiator valve.

What is different between HR91 and HR92?

HR92 allows you local temperature adjustment through the dial and direct status check via the display. With HR91 you can directly set the temperature to a predefined set-point of 21°C or 5°C and you can check the status of the radiator through LED indications. Also HR92 allows you modify different parameters including: auto window fall/rise rate, valve stroke range, temperature offset and valve position display.

Can I activate or deactivate the open window function?

Yes you can do it from the Evohome controller, with a default duration of 30 minutes.

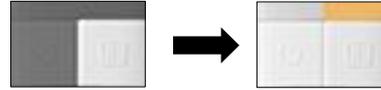
Can I use the child-lock feature in HR91?

Yes you can activate it from the Evohome controller.

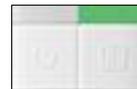
How It Works:

How do I bind the TRV to Evohome?

Press and hold the right button for 5 seconds
Until the right LED flashed orange



A permanent green LED will indicate a successful binding



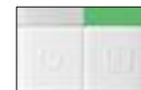
The binding mode will last for 2 minutes and if the device is not able to bind the LED will stop flashing

How do you check the status of the valve?

Once you install your TRV short press right button to check the status of the device



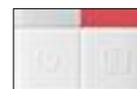
A green LED flash indicates that your device is working properly



A permanent orange LED indicates that the battery levels are low.



A permanent red LED indicates a mounting issue.



A red LED flash will indicate a signal issue:
signal lost or the device is not bound.

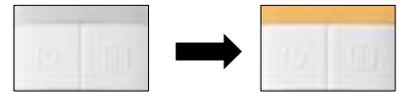


Evohome controller will reactively provide you with the device's status regardless pressing the button

How do I check the signal strength?

Put your Evohome Controller should be in “RF COMMS CHECK” mode.

Press and hold both TRVs buttons for 5 seconds until both LED are flashing amber Following that action you will be able to view the signal strength in your Evohome controller.



How do I clear the binding?

Press and hold the right button for 10 seconds once the bind is cleared the right LED will flash RED

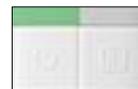


How do I change the temperature?

By pressing the left button will set the device to 5 °C and the left LED will flash orange



If you press again the same button the temperature will go to 21 °C and the left LED will flash green



The set-point in both cases will remain until the next scheduled set-point.



*The override button was developed to be used as a **fail safe mechanism** for an occasion that you can't have access to Evohome or your app. To maximize your comfort levels, adjust your temperature via Evohome or your mobile app.*

How do I identify the device's zone name?

Once you bound the device, press the right button then the zone's name will pop up to your Evohome controller



User Interface Guide – Troubleshooting

Binding the device



Once batteries are inserted the TRV confirms this by flashing both LEDs green for 5 secs



If inserted batteries are low, LED permanently Amber (5 secs)



Press binding button for 5 seconds



Right LED will flash amber for up to 2 minutes whilst binding



Successful binding is confirmed by right LED showing permanently green for 5 seconds



After 2 minutes binding timesout (if unsuccessful) TRV will return to normal default mode



Short press binding button



Green flash (5 secs) indicates no issue



Permanent amber (5 secs) indicates the battery is low



Permanent amber (3 secs) Batteries are critical, less than 2.1V. Buttons function locked



Permanent red (10 secs) indicates a mounting issue



Red flash (10 secs) indicates a signal issue (signal lost or not bound)

User Interface Guide – Troubleshooting

Turn the device OFF (5°C)



To turn the TRV off, short press the on/off button



The left LED will flash amber for 5 seconds

Turn the device ON (21°C)



To turn the TRV on, short press the on/off button



The left LED will flash green for 5 seconds

Unbinding the Device



Press binding button for 10+ seconds



After 10 seconds LED will flash red for 10 seconds

Signal Strength



When in RF Comms Check, hold both buttons for 5 seconds



Both LED will flash amber for up to 10 minutes

Zone Identification



Short press binding button



Right LED will flash green for 5 seconds

Locked Device



Press both buttons to check if TRV is locked



TRV is locked if both LED are red for 3 seconds