



Presenter Name  
Date

## HR91 FAQs

**Honeywell**

# 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  until the right LED flashes orange 


A permanent green right 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 I 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

## Insert Batteries



Once batteries are inserted the TRV confirms this by **flashing both LEDs Green for 5 seconds.**

If inserted batteries are low. **LED Permanent Amber (5 secs)**

## Binding the Device



Press binding button for 5 secs.

Right LED will **flash Amber for up to 2 mins** whilst binding.

Successful binding is confirmed by right LED showing **permanent Green for 5 secs.**



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 functions 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 on/off  
button.

The left LED will flash  
Amber for 5 secs.

## Turn the device ON (21°C)



To turn the TRV on,  
Short press on/off  
button.

The left LED will flash  
Green for 5 secs.

## Unbinding the Device



Press binding button  
for 10+ secs.

After 10 seconds LED will  
flash Red for 10 secs.  
Factory reset is performed  
& button can be released.

## Signal Strength\*



Press both buttons for 5  
secs for signal strength  
mode.

Both flash Amber (up to  
10mins) indicates in  
signal strength mode.

\* Evohome Controller  
should be in "RF COMMS  
CHECK" mode to test the  
signal strength

## Zone Identification



Short press binding  
button.

The right LED will  
flash Green for 5 secs.

## Locked Device



To check whether the  
TRV is locked press  
both buttons.

If it is locked both LEDs  
will show permanent  
Red for 3 secs.