HOLMAN

For the #SMARTGARDENER

WX8RS EVIE Rain Sensor
User Guide

For additional help, visit https://www.holmanindustries.com.au/

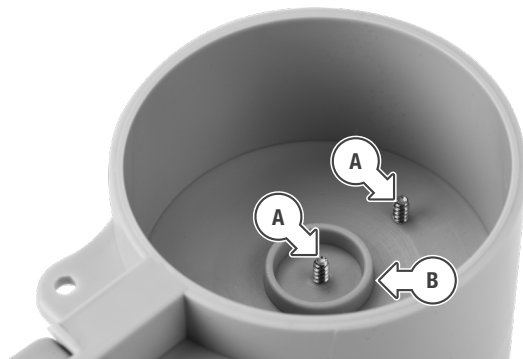## INTRODUCTION

Your *EVIE Sensor* communicates to the *WX8* to automatically disable your watering schedules after 5mm of rain, reducing your water usage in the process.

The sensor uses two electrodes (A) connected to a Radio Frequency (RF) Transmitter.

When water begins to fill the sensor, the circuit between the two electrodes completes, and the RF Transmitter can wirelessly communicate to the *WX8* to stop watering. After the water in the sensor evaporates, the circuit is once again disconnected, and the RF Transmitter tells the *WX8* it can continue with your watering schedules. The sensor holds a maximum of 25mm of rainfall.
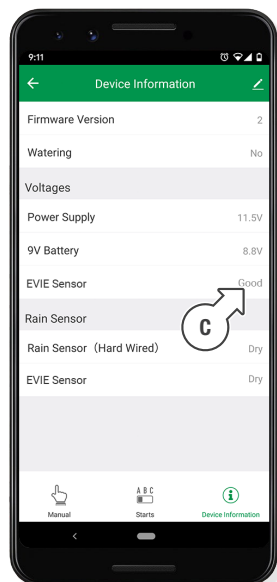
Your *EVIE Sensor* regulates how quickly watering will resume after rain. This comes from the amount of rainfall collected, and how quickly it evaporates in heat or wind.

ⓘ When water fills above the internal electrodes (A), the *EVIE Sensor* will detect the moisture and any automatic watering starts will be disabled in *Holman Home*

ⓘ As the water evaporates and the water level drops below the centre weir (B), the sensor will report back to your *WX8* as dry, and any automatic watering starts will be reinstated in *Holman Home*
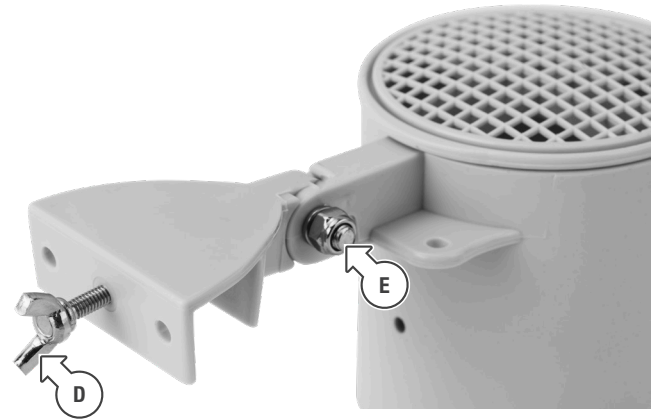
PAIRING TO THE WX8 IRRIGATION CONTROLLER

ⓘ Your *EVIE Sensor* should already be paired with your *WX8 Irrigation Controller*

1. Check the **DEVICE INFORMATION** (C) page in *Holman Home* to ensure your *EVIE Sensor* is paired to the *WX8* correctly and the battery is in good condition

2. If your *EVIE Sensor* does not appear to be paired to your *WX8*, please see our pairing instructions overleaf

9:11	Device Information
Firmware Version	2
Watering	No
Voltages	
Power Supply	11.5V
9V Battery	8.8V
EVIE Sensor	Good
Rain Sensor	
Rain Sensor（Hard Wired）	Dry
EVIE Sensor	Dry

Manual　　Starts　　Device Information

INSTALLATION

ⓘ To communicate to the *WX8 Irrigation Controller*, the *EVIE Sensor* needs to be installed no more than 20 metres from the controller with a clear line of sight
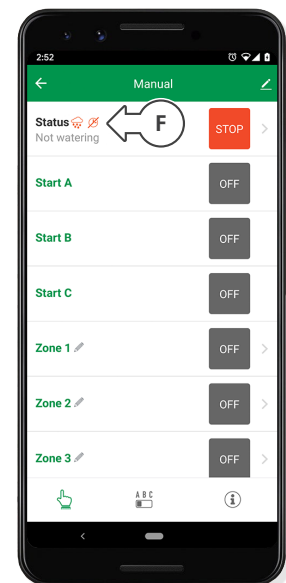
ⓘ The *EVIE Sensor* needs to be mounted horizontally on a gutter and attached with the wing nut screw (D) provided

ⓘ Choose a gutter location where the *EVIE Sensor* will not be knocked by surrounding trees or by potentially strong wind

ⓘ Ensure the *EVIE Sensor* is with 50m range of your *WX8*

ⓘ Use the elbow screw (E) to level the *EVIE Sensor* on your gutter

CHECKING YOUR EVIE SENSOR

To check if your *EVIE Sensor* is working, please follow these steps:

1. Fill the sensor with water

2. Stand at ground level, holding the sensor under your gutter near the intended installation point

3. You will need to wait up to a minute for *Holman Home* to detect moisture through the *EVIE Sensor*

4. *Holman Home* should currently report (F) that the *EVIE Sensor* is detecting and that automatic watering starts have been disabled

5. Once *Holman Home* has confirmed it is working correctly, empty the water and install the sensor in the desired location

2:52	Manual
Status Not watering	STOP
Start A	OFF
Start B	OFF
Start C	OFF
Zone 1	OFF
Zone 2	OFF
Zone 3	OFF

TROUBLESHOOTING

If for some reason the *EVIE Sensor* has been disconnected from your *WX8*, *Holman Home* will show this in the **DEVICE INFORMATION** screen (F).

The following instructions highlight how to re-pair your *EVIE Sensor* to the *WX8*:

1. Bring your *EVIE Sensor* to your *WX8* irrigation controller so that you can operate both devices simultaneously

2. On the *EVIE Sensor*, remove the rubber plug (G) on the underside and check there are two CR2032 batteries (H) installed

3. On your *WX8*, turn the dial to **OFF**

4. Press and hold **START** for 5 seconds until the LEDs of **ZONE 1** and **2** both flash, alternating between red and blue (for 20 seconds only)

ℹ The next step must be completed in the first 20 seconds while the LEDs are still flashing

ℹ If you run out of time it is possible to attempt the process again

5. On the *EVIE Sensor*, press and hold the internal button (I) until the *WX8* LEDs of **ZONE 3** and **4** are alight

ℹ If the pairing succeeds, these LEDs will be blue

ℹ If the pairing fails, these LEDs will be red

6. After pairing is successful, on the *WX8*, turn the dial to **RUN** to exit the pairing mode

7. Wait at least one minute for the *Holman Home* to show *EVIE Sensor* is connected to the *WX8* in the **DEVICE INFORMATION** screen (J)

8. Replace the rubber plug back into *EVIE Sensor* (G)

9. Follow the instructions for **CHECKING YOUR EVIE SENSOR** as listed overleaf

10. Re-install your *EVIE Sensor* as per the **INSTALLATION** instructions overleaf

ℹ For additional pairing help, please visit https://www.holmanindustries.com.au/ to access additional support pages or contact our Customer Service team