

Iconic Connected AC Fan Speed Controller

Device user guide

Information about features and functionality of the device.

09/2024



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Safety Information

Important Information

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this manual or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of either symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that accompany this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

Failure to follow these instructions will result in death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

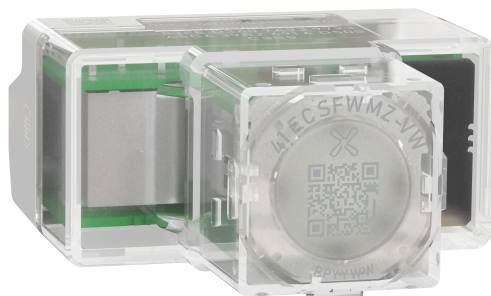
CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

Iconic Connected AC Fan Speed Controller



41ECSFWMZ-VW

For your safety

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- It is illegal for persons other than an appropriately licensed electrical contractors or other persons authorised by legislation to work on the fixed wiring of any electrical installation.
- To comply with all safety standards, the device must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed.
- Lock out and tag the input circuit before accessing the wiring connections.
- The Locking Bar on the grids must be set to the Closed position to ensure that the device cannot be removed during normal operation.
- There are no user serviceable parts inside the device.

Failure to follow these instructions will result in death or serious injury.

NOTICE

EQUIPMENT DAMAGE HAZARD (LOAD AND OPERATION)

- Operation of the device at elevated temperatures or voltages outside of specification (240 V A.C. and 25 °C) may cause the over-temperature protection circuitry to operate.
- Reduce the size of the connected load or use a different brand of fan to prevent recurrence.
- Do not operate the product for prolonged periods in extreme conditions.

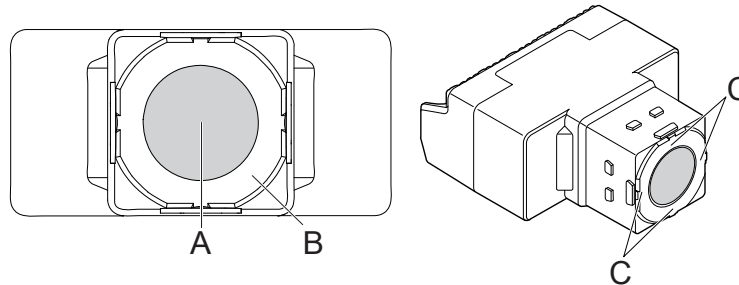
Failure to follow these instructions can result in equipment damage.

About the device

Iconic Connected AC Fan Speed Controller, Zigbee (hereinafter referred to as **fan controller**) can control up to two fans and in three steps, you can adjust the fan speed to achieve your desired comfort. You can also control the fan using Wiser Home app.

Operating elements

- A. Push-button
- B. Status LED (Amber, Green, and Red LED)
- C. Speed indicating LEDs



NOTE:

- The LED position will change when the fan controller is installed in a different orientation. To maintain same LED position with change in orientation, refer to the [position settings](#), page 11.
- For information on LED during each control stage, refer [LED indication](#), page 26.


Installing the device

Refer to the installation instruction supplied with this product.

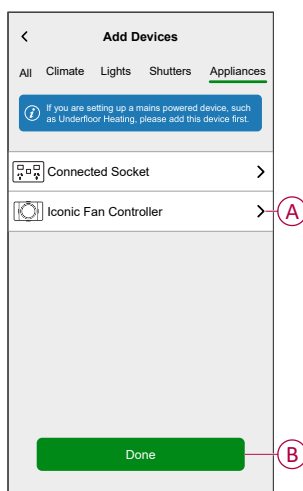
See [Iconic Connected AC Fan Speed Controller](#).

Pairing the device

You can pair a device using the Wiser Home app.
To pair the device:

1. On the **Home** page, tap **Settings** .
2. Tap **Devices**.
The **Devices** page appears.
3. On the bottom right corner of the screen, tap **+**.
The **Add Devices** page appears.
4. Tap the **Appliances** tab.

TIP: You can also select a device from the **All** tab.

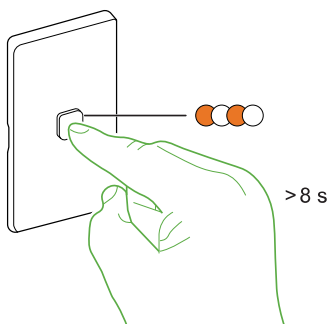
5. Tap **Iconic Fan Controller (A)** > **Done (B)**.

The **Iconic Fan Controller Setup** page appears.

6. Tap **Next**.

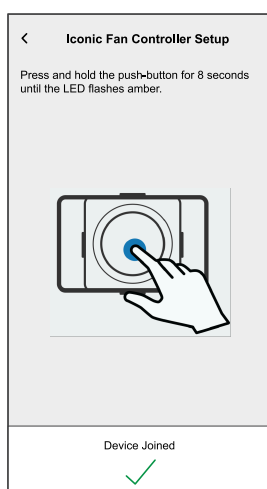
NOTE: Make sure your fan controller is wired and powered before proceeding.

7. Press and hold the push-button for > 8 s to enter pairing mode.

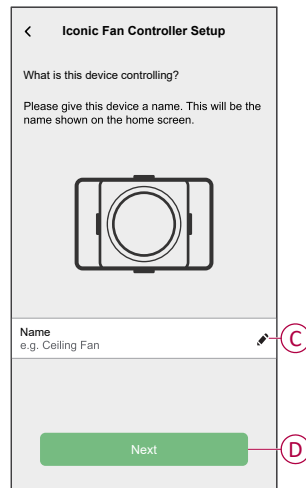


8. Wait for a few seconds until the LED turns amber. You can also see in the app that the device is joined.

NOTE: If the LED is not blinking amber, see the instructions by tapping the link **LED not blinking amber?** or refer to [resetting the device manually](#), page 25.



9. Enter the device name in the **Name** (C) field.



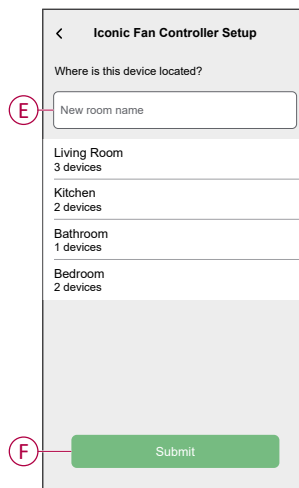
NOTE: The **Next** (D) button will be enabled after entering a name in the name field.

10. Tap **Next** (D).

11. Select the desired location of the device.

NOTE:

- If you have not created any rooms, enter the room name in the **Name** (E) field.
- The **Submit** (F) button will be enabled after selecting a desired location.

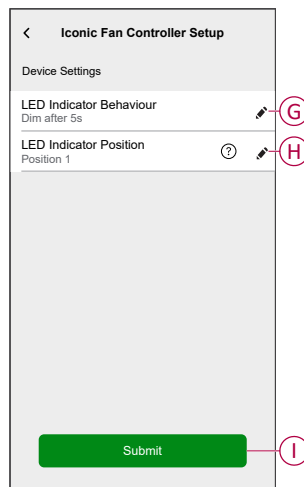


12. Tap **Submit** (F).

The **Device Settings** page appears.

13. Tap **LED Indicator Behaviour** (G), select any one of the following options, and then tap **Done**:

- **Always On**: The LEDs on the fan controller are always on.
- **Dim after 5s**: The LEDs on the fan controller dim after 5s.
- **Off after 5s**: The LEDs on the fan controller turn off after 5s.



14. Tap **LED Indicator Position** (H), select any one of the following options, and then tap **Done**:

- **Position 1**
- **Position 2**
- **Position 3**
- **Position 4**

TIP: For more information about the positioning, tap (?).

15. Tap **Submit** (I).

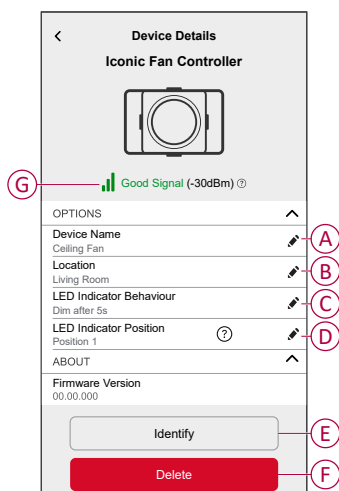
Now, you can see the newly added device on the **Devices** page.

Configuring the device

You can configure the device according to your preference using the Wiser Home app.

1. On the **Home** page, tap .

2. Tap **Devices** > **Appliances** > **Iconic Fan Controller**.



A	Device Name: Tap to change the name of the device.
B	Location: Tap to assign the Device to any room (such as living room, bedroom, kitchen etc). Refer to changing the device location , page 10 for more details on how to set the location.
C	LED Indicator Behaviour: Tap to set the LED indicator behaviour of the device as per your preference. Refer to LED indicator behaviour , page 11 for detailed information on each option.
D	LED Indicator Position: Tap to set the LED indicator position of the device as per your preference. Refer to LED indicator position , page 11 for detailed information on each option.
E	Identify: Tap to identify the device. The status LED blinks white and connected devices blinks On/Off, upon successful identification of the switch. Tap OK when you finish identifying the device.
F	Delete: Tap to remove the device from the system. NOTE: <ul style="list-style-type: none"> Removing the device will also reset the fan controller. After reset, the LED turns amber indicating that the fan controller is ready for pairing. If there is a problem while pairing or resetting the switch, refer to resetting the device.
G	Zigbee Signal Strength Indicator: Zigbee Signal Strength indicator which displays the current signal strength of the device. <ul style="list-style-type: none"> Good Signal (between 0 & -54dBm) Normal Signal (between -54 & -79dBm) Poor Signal (<-79dBm) No Signal (device is offline)

Setting the device location

You can change the device location using Wiser Home app (such as bedroom, living room, dining room etc.).

1. On the Home page, tap .
2. Tap **Devices**, select the device from the list for which you wish to change the location.
3. Tap **Location** to open setup page.

4. On setup page, you can enter **New room name** (A) or select an existing room from the list (B).

TIP: If the device is already assigned, you can remove it from the existing room. Tap **Remove from Room** (C).

5. Once changes are done, tap **Submit** (D).

LED indicator settings

You can change the LED indicator behaviour and position settings using the Wiset Home app.

1. On the **Home** page, tap **All > Iconic Fan Controller**.
2. On the device control panel page, tap **Device Settings**.

LED indicator mode

You can select the LED indicator behaviour for easy identification of the fan controller status.

Tap **LED Indicator Behaviour**, select a behaviour (A) from the following options, and then tap **Done**:

- **Always On:** The LEDs on the fan controller are always on.
- **Dim after 5s:** The LEDs on the fan controller dim after 5s.
- **Off after 5s:** The LEDs on the fan controller turn off after 5s.

For more information on LED during each modes, refer to LED indication, page 26.

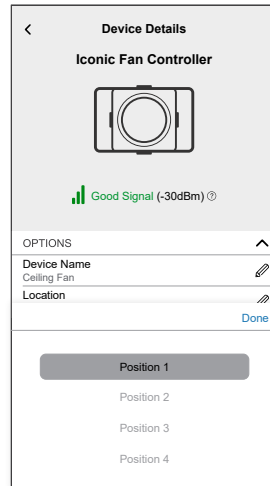
Position settings

The Fan Controller can be installed in 4 different positions. This feature allows the user/installer to select the position of the low/medium/high speed LEDs to maintain the same sequence across different fan controllers.

Using the app, you can choose the position.

Tap **LED Indicator Position**, select one of the following options, and then tap **Done**:

- **Position 1**
- **Position 2**
- **Position 3**
- **Position 4**



Using the device

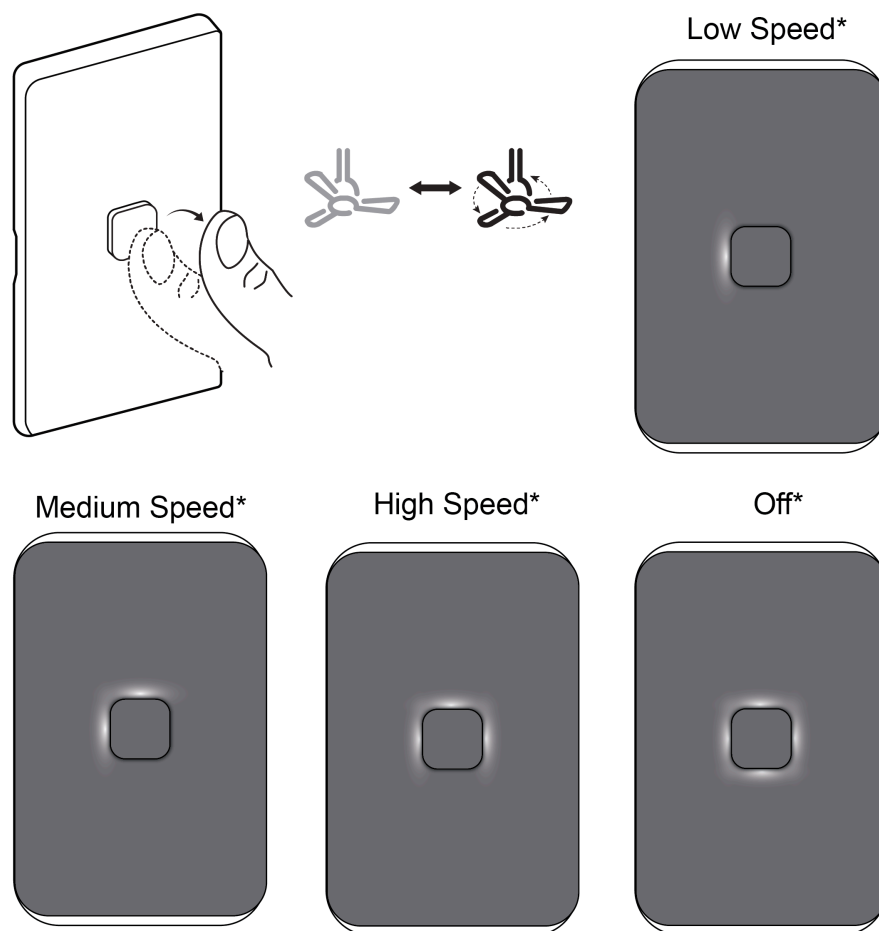
Switching On/Off the device manually

You can turn on/off or control the fan speed manually.

Shortly press the push button to turn on the fan at a low speed, then press it again to change the speed to medium and then again to high.

Press and hold the push-button for 1 s to turn off the fan.

You can also turn off the fan by short pressing the push button once when it is at high speed.



*LED Orientation - Horizontal Right


TIP: You can change LED behaviour in Wiser Home app setting.

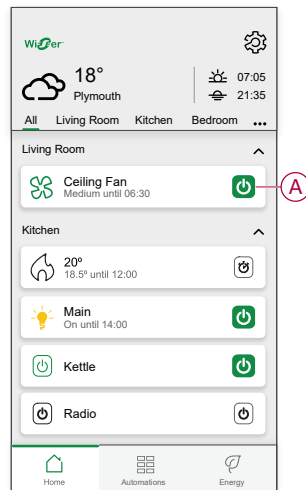
Refer LED indication setting, page 11.

Switching On/Off the device using the app

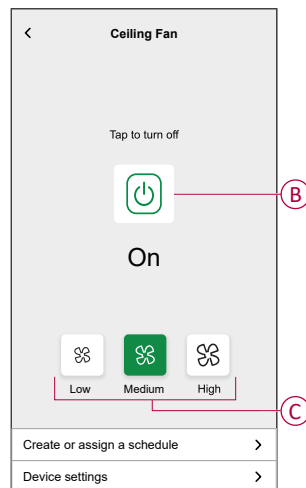
You can switch on/off the device using the Wiser Home app.

1. On the **Home** page, tap **All** and then find a device.

2. Tap  (A) to turn on/off the fan controller.



TIP: You can also turn on/off (B) the fan from the control panel and adjust the speed by tapping Low/Medium/High (C).




Schedule

You can set up schedules to specify the times when a device's state changes.

Setting up a schedule

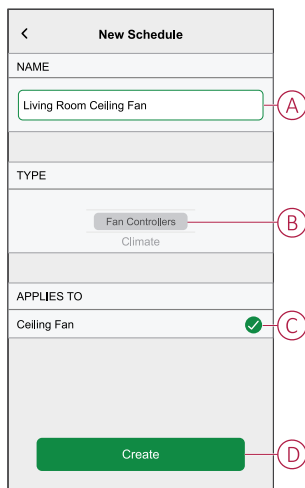
The fan controller can be fully controlled by schedule. Once the schedule is set, the fan controller operates at a given time. To create a schedule:

1. From the **Home** page, navigate to **Automations**  page.
2. On the **Automations** page, tap **Schedules**.

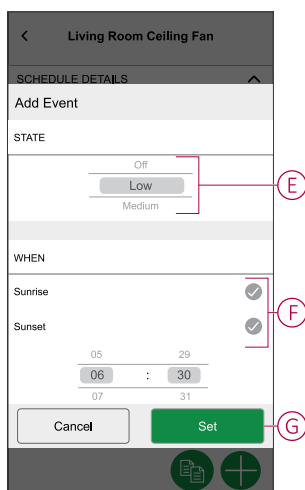
TIP: To access the schedules page, you can also select **All > Fan Controller > Create or assign a schedule**.

3. On the bottom right corner of the screen, tap **+**.

- Enter the name of the schedule in the name field (A).



- From the **TYPE** menu, select **Fan Controllers** (B) and find the **Ceiling Fan** (C).
- Tap **Create** (D) to setup events.
- From the **Events** page, tap **+** to add events such as **STATE** (Fan speed Off/Low/Medium/High) (E) and **WHEN** (Sunrise/Sunset or specific time range) (F).



- Tap **Set** (G) to save the schedule.

Editing a schedule

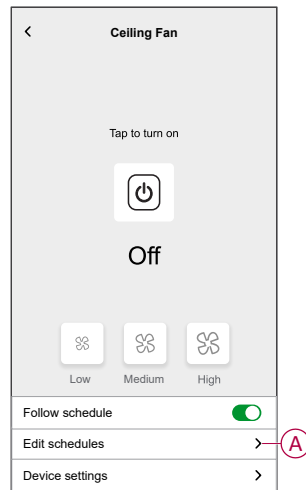
You can edit a schedule using the Wiser Home app.
To edit a schedule:

- On the Home page, tap **All** > **Ceiling Fan**.

TIP: You can also navigate to **Automations** > **Schedules** and select a schedule you want to edit.

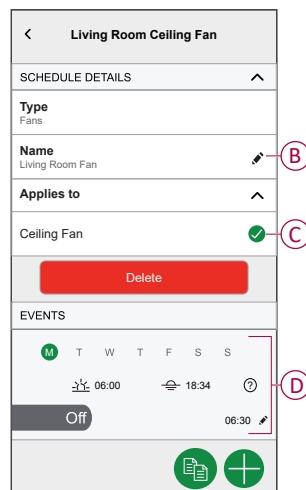
NOTE: Tap the **Follow schedule** toggle switch to enable/disable the schedule.

2. Tap **Edit schedules** (A).



3. Tap **SCHEDULE DETAILS** and edit the following options:

- **Name** (B): You can rename the schedule.
- **Applies to** (C): You have an option to select or deselect the device.



4. Tap **EVENTS** (D) and edit the events **STATE** (Fan speed Off/Low/Medium/High) and **WHEN** (Sunrise/Sunset or specific time range).

NOTE: You can create a new event by tapping +.

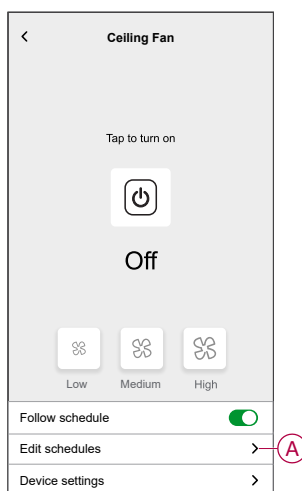
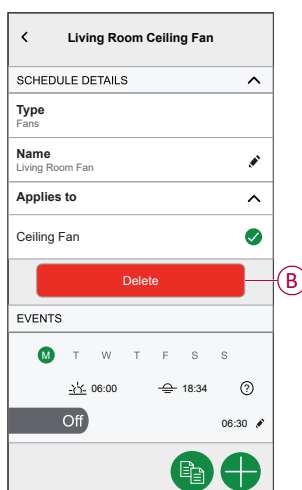
5. Tap **Set** to save the changes.

Deleting a schedule

You can delete a schedule using the Wiser Home app.

1. On the Home page, tap **All** > **Ceiling Fan**.

TIP: You can also navigate to **Automations** > **Schedules** and select a schedule you want to delete.

2. Tap **Edit schedules** (A).3. Tap **SCHEDULE DETAILS**.4. Tap **Delete** (B).

You have successfully deleted a schedule.

Moments

Moment allows you to group multiple actions that are usually performed together. By using the Wiser Home app, you can create moments based on your needs.


Away Mode


The Away Mode is designed to put your home in a state that is sensible when you leave it for longer periods of time (e.g. being away for the weekend).

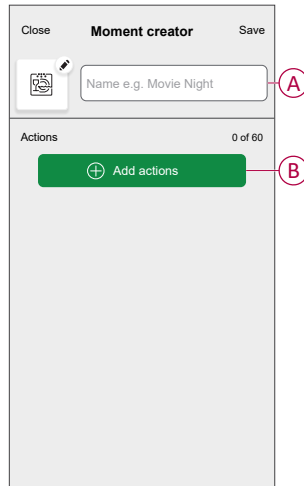
You can change the state of the devices (turn off lights, close shutters etc.) during Away Mode. For more details refer to [Away Mode](#).

Creating a moment

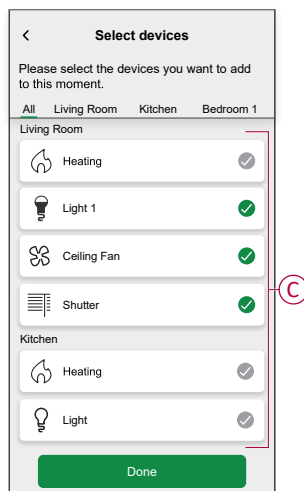
You can create a moment using the Wiser Home app.
To create a moment:

1. From the **Home** page, navigate to **Automations**  page.
2. On the **Automations** page, tap **Moments**.
3. On the bottom right corner, tap **+** to create a moment.
4. Enter the name of the moment (A).

NOTE: You can choose the cover image that represents your moment by tapping .

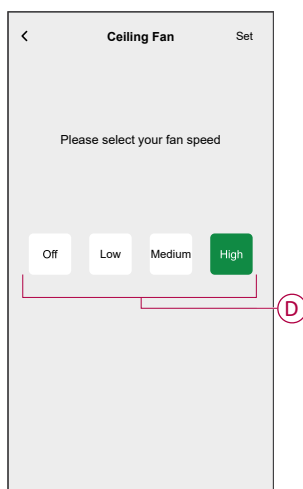


5. Tap **Add actions** (B) to select the list of devices.
6. From the **Add actions** menu, you can select the devices (C).








7. Once all the device are selected, tap **Done**.

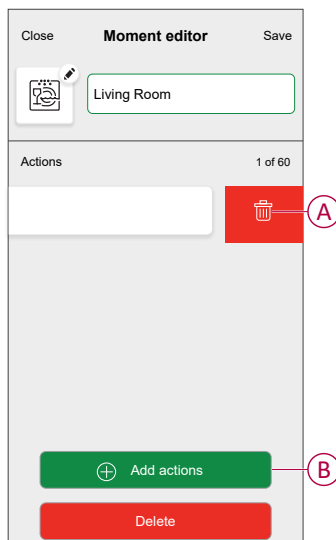
8. On the **Moment creator** page, tap on the device to set the action:
 - Select the device status or fan speed (D) and tap **Set** on the upper right corner.



9. Once all conditions are set, tap **Save**.
Once the moment is saved, it is visible on the **Moments** tab. You can tap on the moment to enable it.



Editing a moment

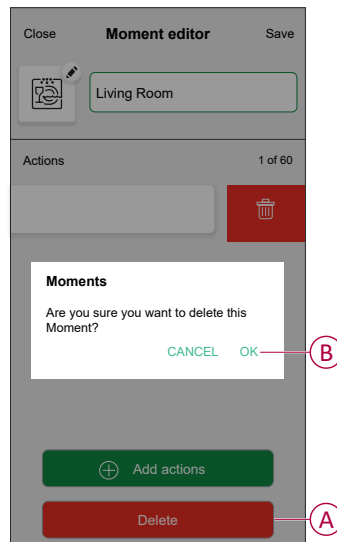
1. From the **Home** page, navigate to **Automations**  page.
2. On the **Automations** page, tap **Moments**.
3. Select the moment you want to edit and tap .
4. On the **Moment editor** page, you can perform the following changes:
 - Change the icon .
 - Rename the moment.
 - Tap each action to change the settings.
 - To remove an action, slide the action to the left and then tap  (A) to delete it.
 - Tap  **Add actions** (B) to add a new action.



5. Tap **Save** to save the changes.

Deleting a moment

1. From the **Home** page, navigate to **Automations**  page.
2. On the **Automations** page, tap **Moments**.
3. Select the moment you want to delete and tap .
4. On the Moment editor page, tap **Delete** (A) and then tap **OK** (B).





Automation

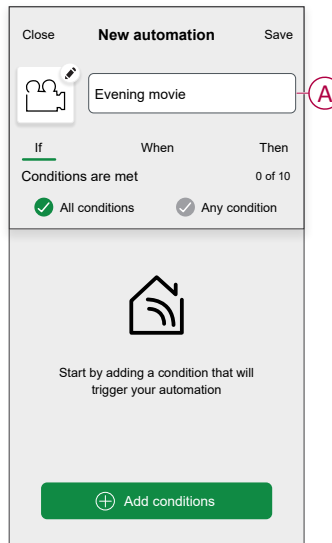
An automation allows you to trigger an action automatically or at scheduled times. By using the Wiser Home app, you can create automations based on your needs. This example demonstrates how a device works when the condition is met.

Creating an automation

To create an automation:

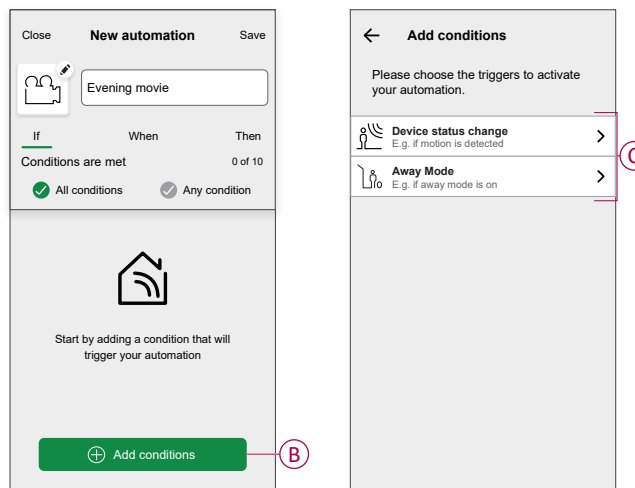
1. From the **Home** page, navigate to **Automations**  page.
2. On the **Automations** page, tap **Automations**.
3. On the bottom right corner of the screen, tap **+**.
4. Tap  and choose an icon that best represents your automation.

5. Enter a name of the automation (A) and select any of the following conditions to trigger an automation.
 - **All conditions:** All conditions must be met to trigger an automation.
 - **Any condition:** Any one of the condition must be met to trigger an automation.

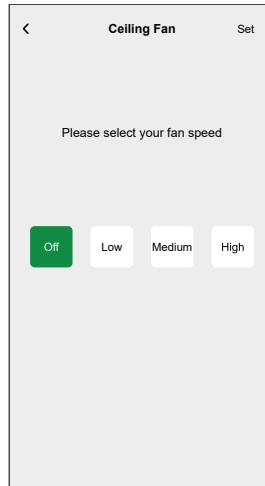


6. Tap **Add conditions** (B) and select any of the following options (C):
 - **Device status change** (Select the device): An automation will be triggered based on a device status, such as the opening of a shutter or the detection of movement by a motion sensor.
 - **Away Mode** (Enable or Disable): The Away Mode is intended to set your Home to a practical state for longer absences, such as leaving for the weekend.
The fan controller will be off if it is in away mode and enabled.

NOTE: Maximum 10 conditions can be added.



7. Select a device to set the condition. Then, choose the state of the device that will trigger the automation, such as the On/Off state or speed level of a fan controller.



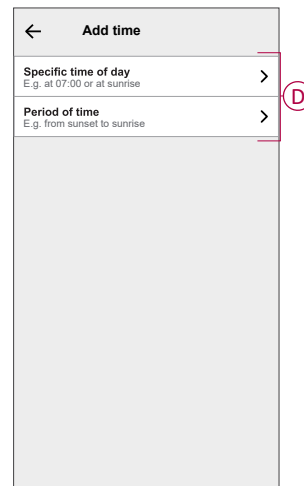
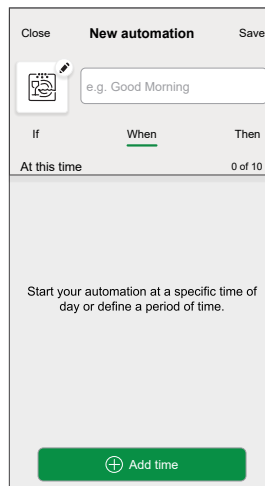
8. Tap **Set** on the upper right corner of the screen.

TIP: If you want to change the condition, swipe it to the left and tap the bin icon. Then add a new condition with the required parameters.

9. To start your automation at a particular time, tap **When > Add time** and select any of the following options (D):

NOTE: Maximum 10 time entries can be added.

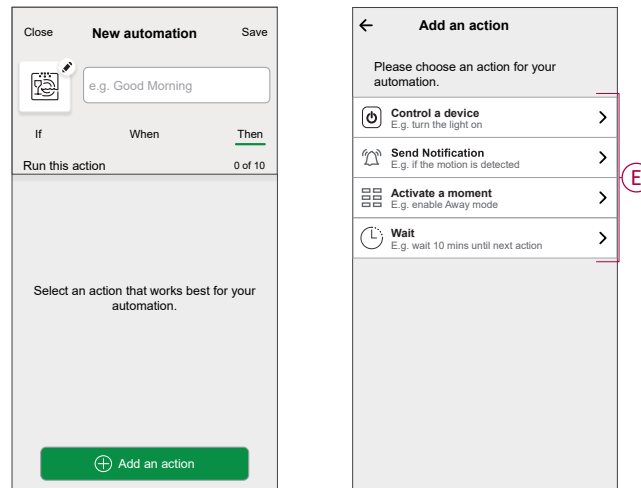
- **Specific time of day:** The automation will trigger at a specific time of the day, such as at sunrise, sunset, or at 8:00 AM.
- **Period of time:** The automation will be trigger during time periods such as from sunrise to sunset, from sunset to sunrise, or from 8:00 AM to 5:00 PM.



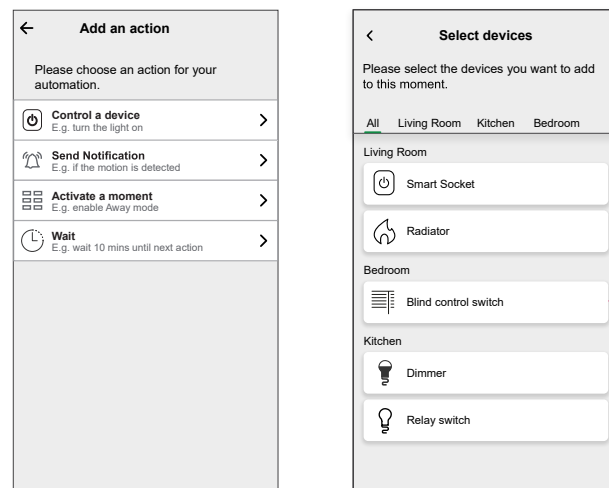
10. To add an action, tap **Then > Add an action** and select any of the following options (E):

NOTE: Maximum 10 actions can be added.

- **Control a device:** Select the device and set the desired state of the device.
- **Send notification:** You will be notified if the condition is met.
- **Activate a moment:** Select a moment.
- **Wait:** This option allows you to add a delay in an automation sequence. You can set the wait time in increments of 1 hour and 1 minute, up to a maximum of 24 hours. This feature is useful for delaying actions within an automation.



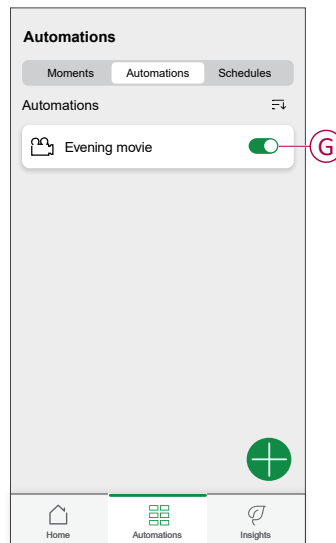
- a. In this example, we will select for **Control a device** and choose **Blind control switch (F)** as the device to trigger an action.







- b. Set the state, such as turning the blind control switch On/Off . Then, tap **Set** on the top right corner of the screen.

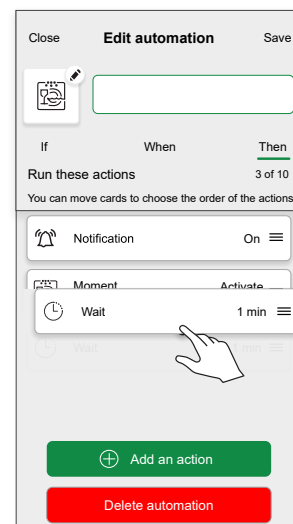
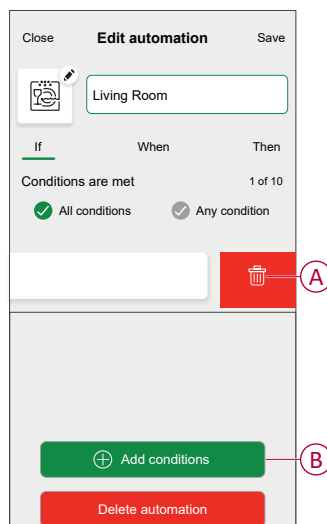
11. Tap **Save**.

The saved automation is displayed on the **Automation** page. Tap the toggle switch (G) on the Automation page to enable/disable the automation.




Editing an automation

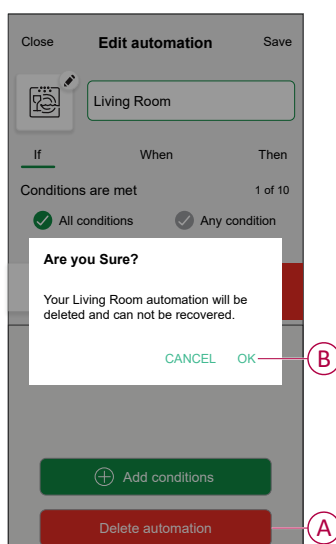
- From the **Home** page, navigate to **Automations**  page.
- On the **Automations** page, tap **Automations**.
- Select the automation you want to edit.
- On the **Edit automation** page, you can perform the following changes:
 - Change the icon .
 - Rename the automation.
 - Tap each condition to change the settings.
 - To remove a condition, slide the condition towards left and then tap  (A) to delete it.
 - Tap  **Add conditions** (B) to add a new condition.
 - To change the order of actions, tap the **Then** option, and hold an action then drag and drop to the desired position.



5. Tap **Save** to save the changes.

Deleting an automation

1. From the **Home** page, navigate to **Automations**  page.
2. On the **Automations** page, tap **Automations**.
3. Select the automation you want to delete.
4. On the **Edit automation** page, tap **Delete automation** (A) and read the confirmation message and then tap **OK** (B).



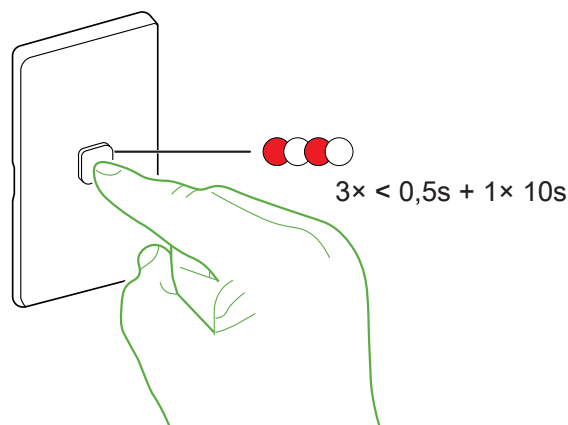
Resetting the device manually

You can reset the device to factory default manually.

Short press the push button three times (<0,5 s) and then long press the push button once (>10 s).

After 10 s, release the push button when the LED starts blinking red.



NOTE: If the long press exceeds 20 s, the device will switch to BLE mode.





NOTE: After reset, the LED turns amber/orange indicating that device is ready for pairing.

LED indication

Pairing the device

User Action	LED Indication	Status
Press and hold the push button for > 8 s.	LED blinks amber. 	Pairing mode is active for 30 seconds. When pairing is completed, LED glows green for a few seconds before turning Off. 

Resetting the device

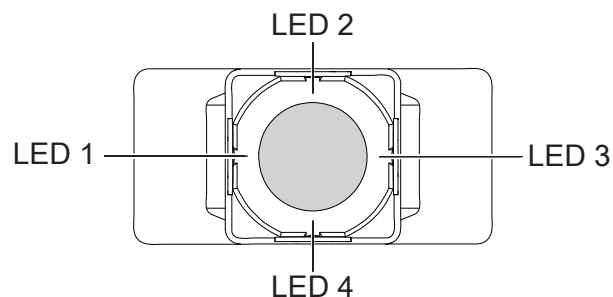
User Action	LED Indication	Status
Short press the push button 3 times and hold it down once for > 10 s.	LED blinks red once per second. 	The device is reset to the factory settings after 10 seconds. The device then restarts and the LED blinks amber indicating that it is ready for pairing. 

LED indicator mode

LED indicator mode	Speed	LEDs	Timeout	Locator*
Always On	Low	LED1	0	No
	Medium	LED1 and LED2		
	High	LED1, LED2, and LED3		
	Off	LED1, LED2, LED3, and LED4		
Act as a Locator	Low	LED1	5 s	Yes
	Medium	LED1 and LED2		
	High	LED1, LED2, and LED3		
	Off	LED1, LED2, LED3, and LED4		
On with Timeout	Low	LED1	5 s	No
	Medium	LED1 and LED2		
	High	LED1, LED2, and LED3		
	Off	LED1, LED2, LED3, and LED4		

*Glows all four LEDs in lesser brightness after the time out

LED Orientation - Horizontal Left*



*LED position may vary depending on orientation.

Troubleshooting

Symptom	Solution
No fan movement or uncontrolled movement.	<ul style="list-style-type: none"> • Check power supply. • Check the wiring. • Check the load
The device is not ready to pair after the device is removed from the app.	Reset to factory default settings, refer to resetting the device manually, page 25.

Technical Data

Technical data

Operating Voltage	220 - 240 V AC. , 50 Hz
Load rating	Total max.150 W
Number of Fans	Max. 2
Switching Technique	Relay

Protection

Over Temperature	Yes
Short circuit	No
Over-current fuse	No
Thermal protection	Yes
LED Indicator	Yes
Multi-gang plate capacity	Max 3 primary fan controllers per plate
Compatible plate ranges	Iconic, Iconic Style, Iconic Essence, Pro Series
Mounting Centres	84 mm pattern plate
Environmental Rating	IP20


Ambient operating

Humidity	5%–90% RH, non-condensing
Temperature	-10 to +50 °C

41ECSFWMZ-VW

Operating frequency	2.405 GHz to 2.48 GHz
Max. radio-frequency power transmitted	< 10 mW
Communication protocol	Zigbee 3.0 certified

Compliance

Product certification	RCM 
Safety	AS/NZS 60669.2.1
EMC	AS/NZS 60669.2.1
RF	AS/NZS 4268, AS 2772.2

Compliance

Compliance information for Green Premium products

Find and download comprehensive information about Green Premium products, including RoHS compliance and REACH declarations as well as Product Environmental Profile (PEP) and End-of-Life instructions (EOLI).

<https://checkaproduct.se.com/>



General information about Green Premium products

Click the link below to read about Schneider Electric's Green Premium product strategy.

<https://www.schneider-electric.com/en/work/support/green-premium/>



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DUG_Iconic Fan controller_WHP-01