



Bathroom Ventilation And Lighting

SWDGET SMART HOME PACKAGE | USER MANUAL

May 18, 2023




Overview

Protect your family’s health and well-being with the Swidget Bathroom Ventilation and Lighting Bundle. With the ability to automatically detect high humidity and control your existing bathroom fan, Swidget can reduce the moisture that contributes to mold and mildew growth and help keep your family healthy. With the Dimmer switch and motion sensor combination, you can adjust the dimmer setting to turn on at lowered levels during the night and avoid the discomfort of bright lights.

Features And Benefits

- Detects humidity to activate ventilation fan.
- Conserves energy through sensor-driven operation, or the built in countdown timer for manual operation.
- Programmable dimming and motion-triggered lighting.

Package Includes

| Quantity | Product Description | Part Number | Product Instructions |
|----------|---|--------------------------|---|
| 1 | 20/40/60 Timer Control Switch | S16008WA |  |
| 1 | Dimmer Switch | SD3001WA |  |
| 1 | Wi-Fi Control + Temperature and Humidity Insert | WI005UWA |  |

| Quantity | Product Description | Part Number | Product Instructions |
|----------|-------------------------------|-------------|---|
| 1 | Wi-Fi Control + Motion Insert | WI004UWA |  |



20/40/60 Timer
Control Switch



Dimmer

Package Includes

- 1 x 20/40/60 Timer Control Switch
- 1 x Dimmer
- 1 x Temperature and Humidity Sensor
- 1 x Motion Sensor



Temp/Humi
Sensor



Motion Sensor

Requirements

- Android or iOS smartphone.
- The Swidget mobile app.
- 2.4 GHz Wi-Fi network that is connected to the Internet.



CAUTION. SAFETY AND REGULATORY INFORMATION

Installation work and electrical wiring must be carried out by licensed personnel in accordance with all applicable local and National Electrical Codes (NEC)/mechanical codes, including fire-rated construction. Use these products only in the manner intended by the manufacturer. If you have any questions, contact Swidget. Refer to the full installation instructions provided with the products or found [here](#) before proceeding with the installation to review all applicable cautionary and warning statements for this product.



Suggested Installation Sites

Dimmer + Motion Sensor

Connect this to the lighting system. Ideally, place it near the room entrance so the motion sensor can easily activate the lights.

20/40/60 Timer Control Switch + Temperature And Humidity Sensor

When installing your 20/40/60 Control Switch and Temperature and Humidity Sensor Insert, careful consideration should be given to the placement within the bathroom. This advanced system can significantly enhance the performance of your bathroom fan, ensuring optimal ventilation and humidity control for a comfortable and safe environment.

For retrofits, the 20/40/60 Timer Control Switch can replace your existing bathroom fan switch or bathroom fan + light switch.

For new construction, here are the key guidelines for proper installation:

- The 20/40/60 Control Switch should be located near the bathroom entrance for easy accessibility.
- Maintain a height between 48 and 52 inches from the floor for user convenience.
- Ensure the location provides access to the necessary electrical wiring for connection to the bathroom fan.
- Install on an interior wall, if possible, to minimize the influence of external temperature fluctuations.

- Should be installed in an area away from direct sources of heat or moisture such as showers, bathtubs, or heating appliances. This avoids false readings and ensures the most accurate measurements.



NOTE

Wi-Fi Coverage – Make sure both devices have sufficient 2.4GHz Wi-Fi coverage. If needed, set up Wi-Fi extenders to boost the signal.



WARNING! SAFETY AND PRECAUTIONS DURING INSTALLATION

Before replacing a switch or outlet, always turn off the power at the circuit breaker and use a voltage tester to ensure no live wires are present. Exercise caution when handling wires, and consider seeking professional help if you're unsure about any step in the process.

Tools Needed For Installation

List of necessary tools and materials

1. Screwdriver
2. Pliers
3. Wire stripper
4. Electrical tape
5. Voltage tester
6. Wire connectors

Basic Electrical Wiring Device Removal And Installation

20-40-60 Timer Control And Dimmer Switch Instructions

1. Switch off the circuit breaker in the electrical panel to cut power to the wiring device.
2. Remove cover plate and test for live wires using the voltage tester. If live wires are present, stop and verify that the circuit breaker supplying the circuit has been switched off. If you are unable to access the mains wires, carefully remove the wiring device and test for live wires as soon as you are able to.
3. Carefully disconnect wires from the old wiring device, paying attention to their original configuration. It is recommended that you take a picture at this stage, in the event that it is required for future reference.
4. Connect wires to the new wiring device following the wiring directions in the product instruction manual, and secure them using wire connectors.
5. Mount the new wiring device, replace the cover, and turn the circuit breaker back on to restore power.



TIP



To access comprehensive user instructions for all Swidget products, simply scan the following QR code with your smartphone's camera or [click here](#).

Provisioning Instructions For Wi-Fi Inserts

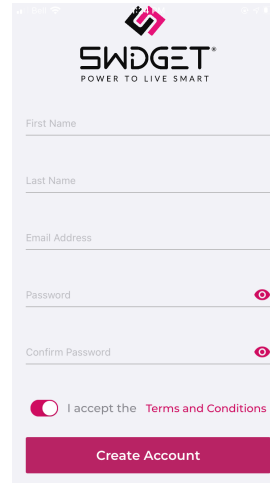
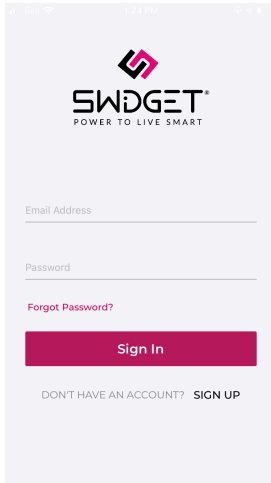
Setting Up The Swidget App

The directions below show how to create a Swidget app user account. This account can be used on multiple devices to sign into the app. You can also use this information to connect to integrations such as Amazon Alexa, Google Home, and IFTTT.

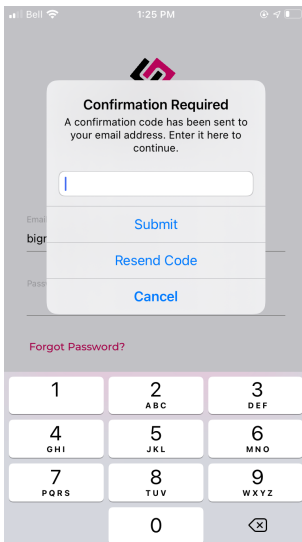
Please make sure that you have downloaded the latest Swidget app from the [iOS App Store](#) or [Google Play Store](#).

<https://www.youtube.com/embed/B3Fv8JIXI78>

1. Open the Swidget App and click the SIGN UP link at the bottom right of the screen. Fill in your information and click Create Account.



2. A confirmation code will be emailed to you. Sign in and enter the code when prompted. You are now ready to add your first Swidget device.



Setting Up Dimmer + Motion Sensor:

- Install Motion Sensor into Dimmer, wait for power up, and verify it is blinking green.
- Inserts flashing green are ready to pair with the Swidget app; devices will stay in discovery mode for 5 minutes.
- Discovery Mode can be re-started by removing and reinstalling the insert into the cavity.
- Click '+' to add device, choose Bluetooth Pairing, select Dimmer + Motion Sensor.

- Enter 2.4GHz Wi-Fi credentials, click continue.
- Choose room, name device (e.g., Bathroom Dimmer), click continue.
- Enable Occupancy/Vacancy Mode, choose Vacancy for manual on, auto-off after 5 mins (customizable) or Occupancy for auto on/off based on motion/vacancy.
- Select vacancy time, click continue.
- Modify settings: long press Dimmer in Rooms view > Device Settings > Device Modes or navigate to Automations > '+' > Device Modes.

Setting Up 20/40/60 Switch + Temperature And Humidity Sensor

- Install Temperature and Humidity Sensor into 20/40/60 Switch, wait for power up, and ensure it is blinking green.
- Inserts flashing green are ready to pair with the Swidget app; devices will stay in discovery mode for 5 minutes.
- Discovery Mode can be re-started by removing and reinstalling the insert into the cavity.
- Click '+' to add device, choose Bluetooth Pairing, select 20/40/60 Switch + Temperature and Humidity Sensor.
- Enter 2.4GHz Wi-Fi credentials, click continue.
- Choose room, name device (e.g., Bathroom Fan), click continue.
- Enable Bathroom Fan Mode, select a Humidity level above which the switch will turn on your bathroom fan.
- Modify settings: long press Dimmer in Rooms view > Device Settings > Device Modes or navigate to Automations > '+' > Device Modes.

Troubleshooting

No Power To The Device

Potential Issue(S):

- The wiring device is not controlling the circuit or providing power.
- The Insert has been properly installed into the Wiring Device but its indicator LED is OFF.

Possible Solutions:

- Verify if the circuit breaker has been turned ON.
- Verify the wiring to the switch or outlet.

Wi-Fi Connection Problems

Potential Issue(S):

The Swidget app is failing to connect the insert to the Wi-Fi network,

Possible Solutions:

- Verify the Wi-Fi network credentials.
- Ensure the signal strength is sufficient at the insert's location.

App Related Issues Or Device Unresponsiveness

Possible Solutions:

- Update the app.
- Reset the insert.
- Contact customer support.

Inadequate Ventilation Or Lighting Performance

Possible Solutions:

- Review installation location.
- Review device settings.

Contact Information

Swidget Customer Support

1-855-202-1144

support@swidget.com

Warranty

After having been installed according to your local electrical code and by a certified electrician when applicable, and having been used within normal operating conditions, Swidget

Corp. will repair or replace (at Swidget's discretion) any product that fails due to manufacturing defects for a period of 5 years for Swidget Host Devices and for a period of 2 years for Swidget Inserts (see chart below). Any repair or replacement of defective products will extend the warranty by 90 days or the time remaining on the original warranty, whichever is longer. Post warranty repairs are not available.