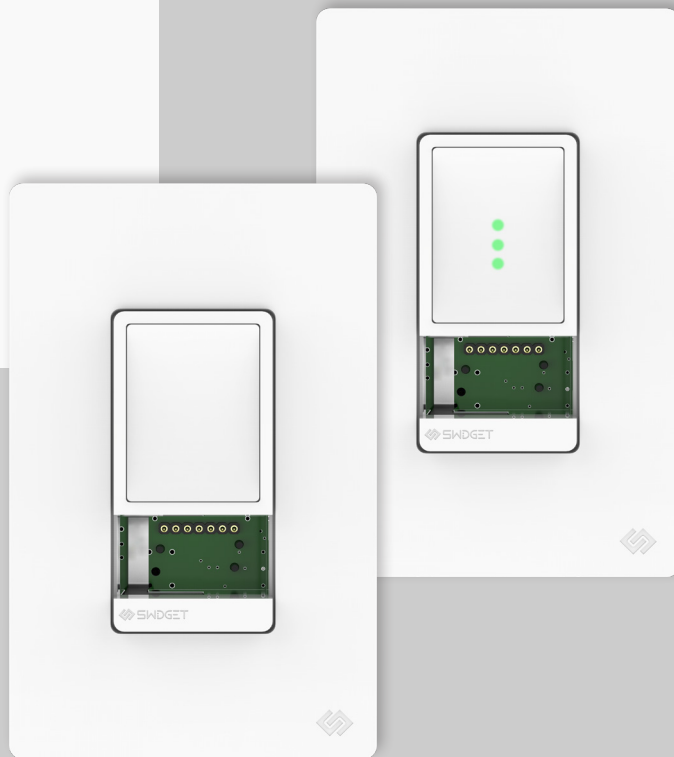# SWDGET®

POWER TO LIVE SMART

Auxiliary Control Switch & 20/40/60/ Control Switch

Smart controllers for your ventilation ecosystem

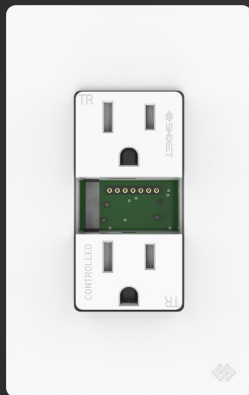# The most versatile smart devices ever.

Snap in your Swidget Insert for endless smart home functionality.

Air Quality Sensor

Temp/Humi/Motion Sensor

Motion Sensor

Temp/Humi Sensor

Swidget manufactures the ONLY future-proof, modular smart devices in the global market today.

Our patented design allows electrical devices, such as outlets, switches, and dimmers, to be the host for an easily installed smart insert. Everything that is unlikely to change is housed in the wired device and everything that is likely to change, with the advancement of technology, such as Wi-Fi 6 or 5G, is housed in the modular insert.

Buyers can easily upgrade when their needs or technology changes without having to pay an electrician to install a new device. Instead, simply purchase a new smart Insert and snap it into an existing Swidget device.

Features include:
- Swidget is platform agnostic, meaning that any communication protocol, such as Wi-Fi, Z-Wave, Zigbee, and soon 5G, can be accommodated depending on the protocol of the given insert.
- Swidget is flexible, working with top platforms including Google, Alexa and coming soon: Apple HomeKit.
- Swidget offers control of the base devices AND additional functionality in the modular inserts including:
  - Wi-Fi Control
  - Air Quality Sensor
  - Temperature, Humidity Sensor
  - Temperature, Humidity, Motion Sensor
  - Motion Sensor
  - USB Charger
  - Power Out Light
  - Guide Light

With Swidget, the possibilities are endless.

Auxiliary Control Switch

Smart controllers for your ventilation ecosystem.*

ON Button - Press and release to turn output on (dry contact closed)

OFF Button - Press and release to turn output off (dry contact opened)

Real-time information allows for efficient use of energy as well as the most optimal air quality.

*When paired with a control Insert.*

Prod No. S16009WA

HOW IT WORKS

- Hard wire our Auxiliary Control Switch to an Energy Recovery Ventilator (ERV) or Heat Recovery Ventilator (HRV) to manually operate the boost function.

- Pair our Auxiliary Switch with a Wi-Fi Insert to control the ERV/HRV boost via the Swidget app.

- Install Swidget devices and Inserts in other rooms of your home to communicate wirelessly and control your ERV/HRV boost function

Wireless controls allow you to capture various data points from the common spaces within your home and control your ventilation based on:
- Motion (Occupancy / Vacancy)
- Temperature / Humidity
- Air Quality

Applications:
- ERV / HRV
- Gas fireplace
- Ventilation fans
- Residential

Wireless Communication
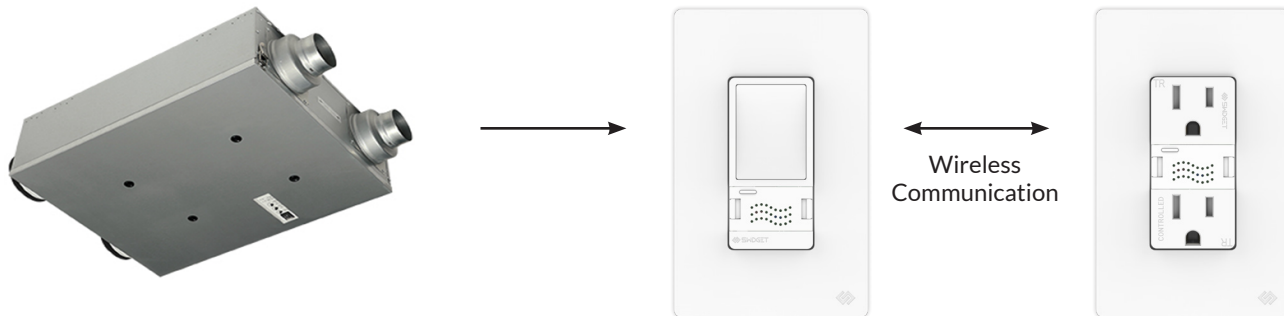
Complies with ASHRAE 62.2 when used with an ASHRAE 62.2 compliant fan / ERV / HRV.

20/40/60 Control Switch

Smart controllers for your ventilation ecosystem.*

ON Button - Press and release to turn output on (dry contact closed)
- 1 Press - 20 min. countdown timer
- 2 Press - 40 min. countdown timer
- 3 Press - 60 min. countdown timer
- 4 Press - Stay On

OFF Button - Press and release to turn output off (dry contact opened)

LED on the switch will indicate the timer countdown state.

Sensor inserts have pre-configured rules that will automatically engage the timer switch based on environmental conditions.

Real-time information allows for efficient use of energy as well as the most optimal air quality.

When paired with a control Insert.

Prod No. S16008WA

HOW IT WORKS

- Hard wire our 20/40/60 Control Switch to an Energy Recovery Ventilator (ERV) or Heat Recovery Ventilator (HRV) to manually operate the boost function.

- Pair our 20/40/60 Control Switch with a Wi-Fi Insert to control the ERV/HRV boost via the Swidget app.

- Install Swidget devices and Inserts in other rooms of your home to communicate wirelessly and control your ERV/HRV boost function

Wireless controls allow you to capture various data points from the common spaces within your home and control your ventilation based on:
- Motion (Occupancy / Vacancy)
- Temperature / Humidity
- Air Quality

Applications:
- ERV / HRV
- Ventilation fans
- Multi-Family Dwellings
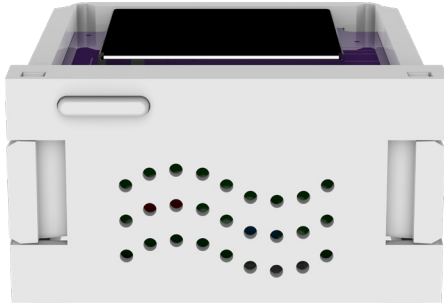

Wireless Communication
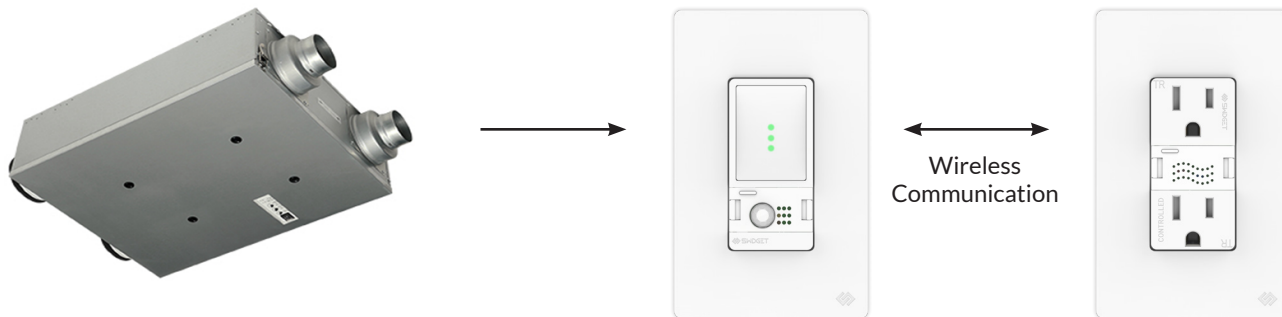
Complies with ASHRAE 62.2 when used with an ASHRAE 62.2 compliant fan / ERV / HRV.

Use the Air Quality Insert in your kitchen to automatically turn on the fan when the air quailty is poor.

Air Quality Sensor

Prod No. WI008UWA

SWIDGET   now

The air quality in the kitchen has reached level POOR. ERV boost turned ON for 40 minutes.

FEATURES

Wi-Fi Control

- 2.4 Ghz Wi-Fi
- User replaceable – no electrician required
- Monitor energy consumption and costs
- Set notifications and schedules
- Works with Amazon Alexa, Google Assistant
- OTA upgradeable firmware

Air Quality

Measures the following key attributes known to contribute to air quality:

- Temperature Sensor: 14˚F to 104˚F (-10˚C to 40˚C) (+/- 1˚C {after calibration})
- Relative Humidity (0-100%)
- Air Pressure Changes (300 - 1100hPa)
- Combined Air Quality Index (IAQ: 0 - 500)
- bVOC and eCO2 (inferred from IAQ value)
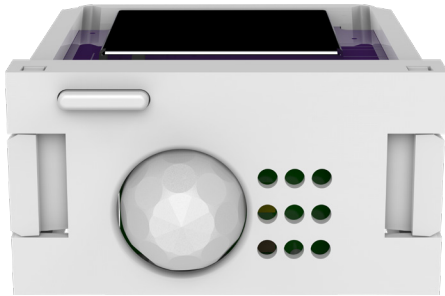
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powered by **SWIDGET®**

Homeowners can customize to fit their needs by choosing from a variety of Swidget Inserts.

Install the sensor in your bathroom and set a rule to automatically turn on the fan when the humidity increases during a shower or turn the lights off when the bathroom has become vacant.

Temp/ Humi/Motion Sensor

Prod No. WI006UWA

FEATURES

Wi-Fi Control

- Wi-Fi 2.4GHz
- User replaceable – no electrician required
- Monitor energy consumption and costs
- Set notifications and schedules
- Works with Amazon Alexa, Google Assistant
- OTA upgradeable firmware

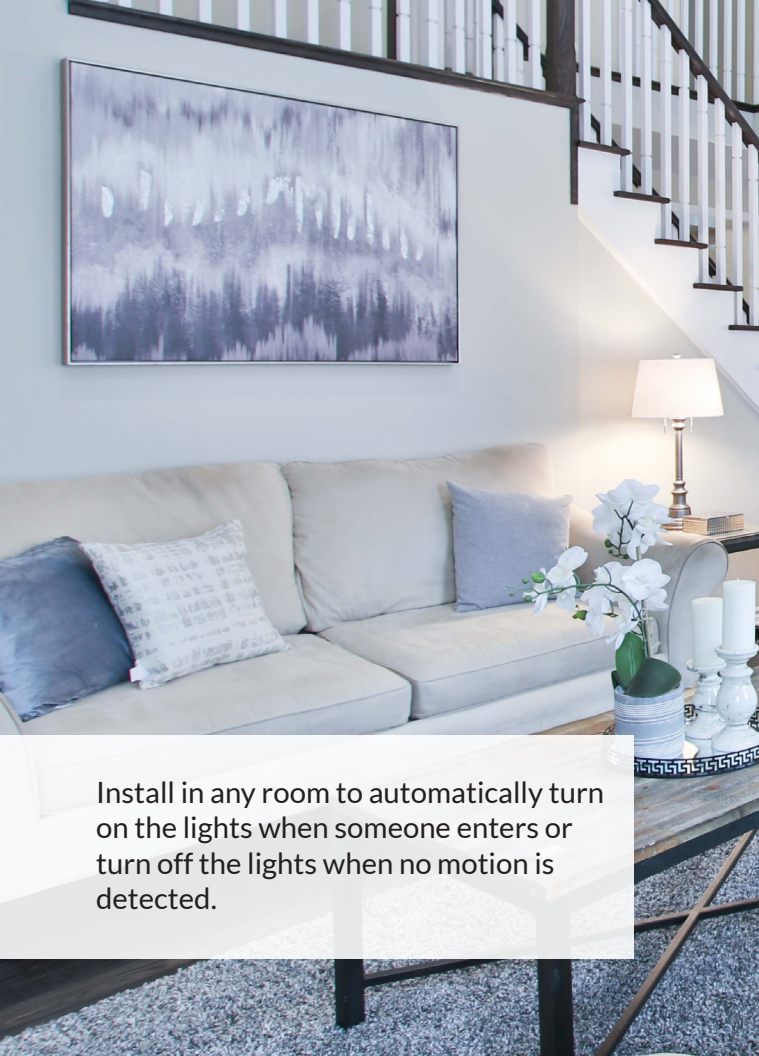### Temperature, Humidity and Motion

- Temperature Sensor: 14˚F to 104˚F (-10˚C to 40˚C) (+/- 1˚C {after calibration})
- Precision Relative Humidity Sensor: 0 to 100% RH (relative humidity) operating range
- PIR Motion Detection
- Occupancy/Vacancy

powered by **SWIDGET**®

Homeowners can customize to fit their needs by choosing from a variety of Swidget Inserts.

Measures relative humidity and temperature. Installed in your bedroom the Insert can be set to automatically turn on the fan when the temperature increases.

Temperature/ Humidity Sensor
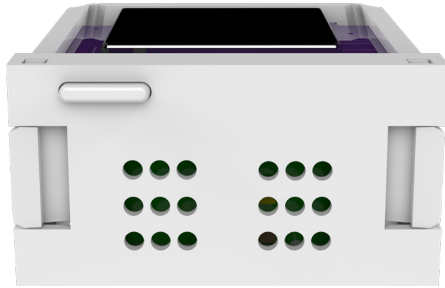
Prod No. WI005UWA

SWIDGET   now

The temperature in the bedroom has reached 24°. ERV boost turned ON for 20 minutes.

FEATURES

Wi-Fi Control

- Wi-Fi 2.4GHz
- User replaceable – no electrician required
- Monitor energy consumption and costs
- Set notifications and schedules
- Works with Amazon Alexa, Google Assistant
- OTA upgradeable firmware

Temperature and Humidity

- Temperature Sensor: 14°F to 104°F (-10°C to 40°C) (+/- 1°C {after calibration})
- Precision Relative Humidity Sensor: 0 to 100% RH (relative humidity) operating range
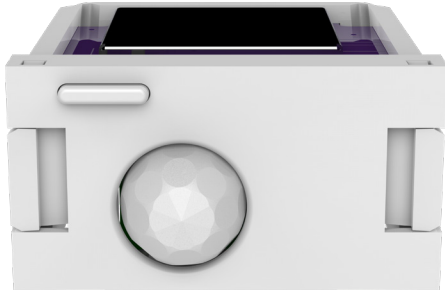

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Homeowners can customize to fit their needs by choosing from a variety of Swidget Inserts.

Install in any room to automatically turn on the lights when someone enters or turn off the lights when no motion is detected.

Motion Sensor

Prod No. WI004UWA

Wi-Fi Control
- Wi-Fi 2.4GHz
- User replaceable – no electrician required
- Monitor energy consumption and costs
- Set notifications and schedules
- Works with Amazon Alexa, Google Assistant
- OTA upgradeable firmware

Motion
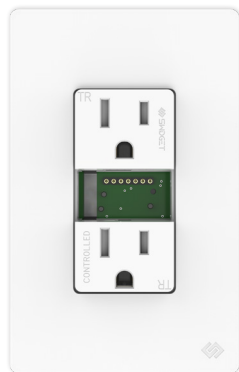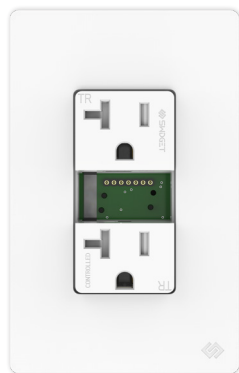- PIR Motion Detection (Wireless Infrared Detection)
- Occupancy/Vacancy

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Homeowners can customize to fit their needs by choosing from a variety of Swidget Inserts.

Swidget Devices & Inserts

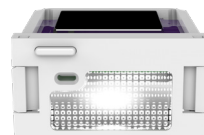|				
15A Outlet	Switch	Dimmer	Auxiliary Control Switch	20/40/60 Control Switch
20A Outlet	Motion Sensor	Temp/Humi Sensor	Temp/Humi/Motion Sensor	Air Quality Sensor
	Power Control	USB Charger	Guide Light	Power Out Light

Smart Home Highlights	Control	USB Charger	Guide Light	Power Out Light	Temperature and Humidity Sensor	Motion Sensor	Temperature, Humidity, and Motion Sensor	Air Quality Sensor
Control								
Dimmers, Lighting, and Lamps	✓	✓	✓	✓	✓	✓	✓	✓
Outlets	✓	✓	✓	✓	✓	✓	✓	✓
USB Charger		✓						
Google Home and Alexa	✓	✓	✓	✓	✓	✓	✓	✓
Monitor								
Energy	✓	✓	✓	✓	✓	✓	✓	✓
Air Quality								✓
Temperature and Humidity					✓		✓	✓
Occupancy/Vacancy						✓	✓	
Automate								
Voice Assistant Routines	✓	✓	✓	✓	✓	✓	✓	✓
Application Based Rules	✓	✓	✓	✓	✓	✓	✓	✓
Time and Sunset/Sunrise Schedules	✓	✓	✓	✓	✓	✓	✓	✓
Power Cycle	✓	✓	✓	✓	✓	✓	✓	✓

Requires an Outlet or Switch

SWIDGET

POWER TO LIVE SMART

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