

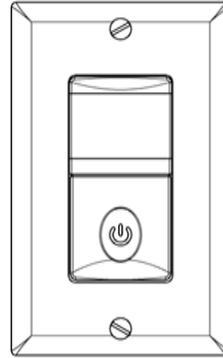


General Specification

SENSOR SWITCH

Vacancy Only

Model No.: HMVS



Description

The passive infrared sensors work by detecting the difference between heat emitted from the human body in motion and the background space. Once the sensor switch is manually turned on, it can turn a load on and hold it as long as the sensor detects any motion. After no motion is detected for the set time delay, the load turned off automatically. The sensor switch has one relay (equal to single pole switch), no minimum load requirements.

Specifications

Voltage	120VAC, 60Hz
Resistive	5A
Incandescent/Halogen.....	500W
Fluorescent/Ballast/LED.....	500VA
Motor	1/8Hp
Time Delay.....	15 Sec, 15 Mins, 30 Mins
Light Level.....	25 Foot-candle
Operation Temperature.....	32° F--131° F

Coverage area

The coverage range of the sensor switch is specified and illustrated in Figure 1. Large objects and some transparent barriers like glass windows will obstruct the sensors' view and prevent detection, causing the light to turn off even though someone is still in the detection area.

- Best: 180 sq.ft.
- Regular: 450 sq.ft.
- Maximum: 700 sq.ft.

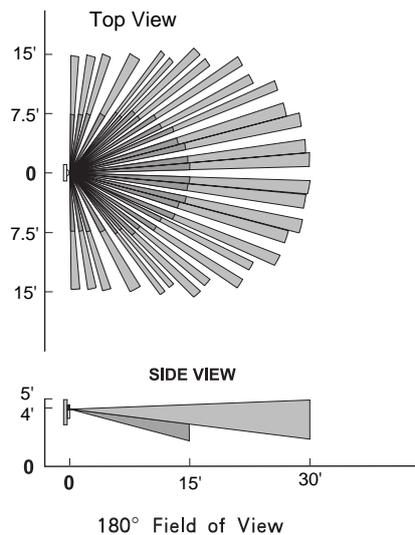


Figure 1

Installation & wiring

1. Connect lead wires as wiring diagram (see Figure 2): Black lead to hot wire, red lead to load wire, white lead to neutral wire, green lead to ground wire.

Wiring diagram

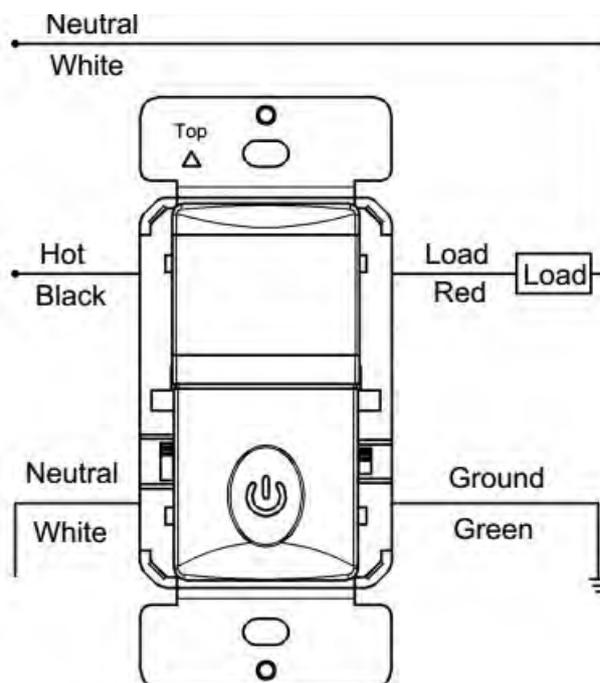


Figure 2

2. Device "TOP" upward.
3. Gently position wires in wall box, attach sensor switch to the box.
4. Restore power at circuit breaker or fuse, wait two minutes.
5. Locate the toggle switch on both sides of the top cover to perform test and adjustment.

Changing the color of your switch

Your switch ships with top cover attached. It is convenient for users to change the different color cover(buy separately). Please proceed as follows:

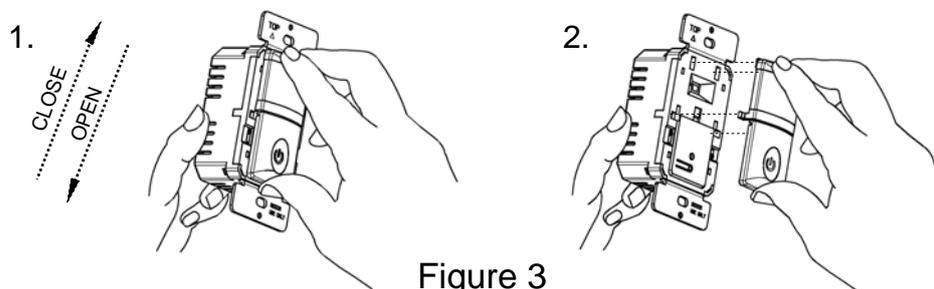


Figure 3

Push down top cover to release

Line up tabs and push up to attach

Testing & Code Compliance

- UL LISTED
- California Energy Commission Title 24

Adjustment

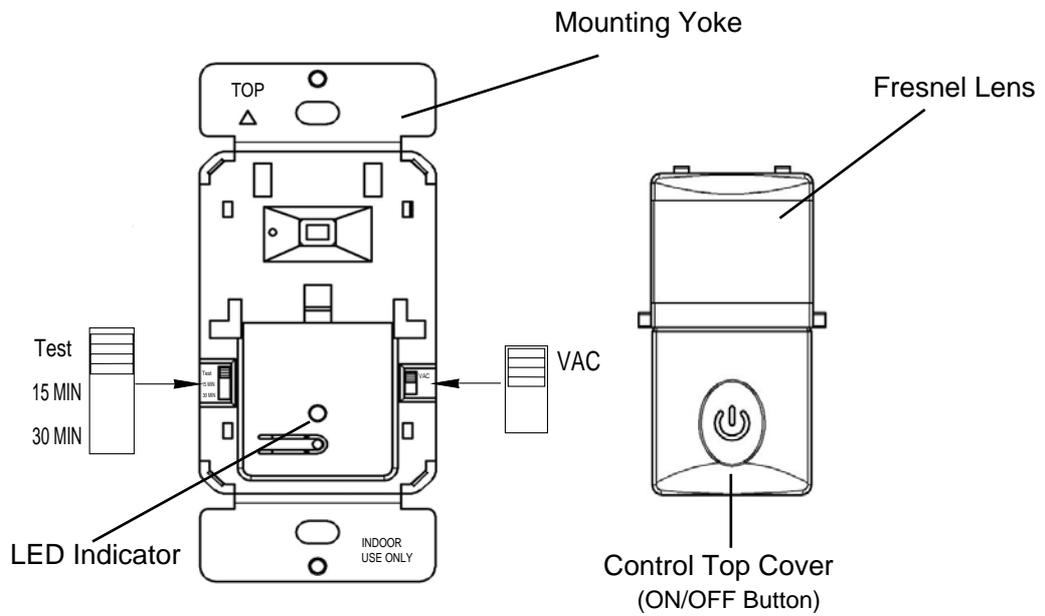


Figure 4

Band switch prescription

Mode	Description	Function of ON/OFF button
VAC	Vacancy Mode: Manual On only, Automatic Off after set time delay.	Manually push On/Off the load.

Time delay setting

Default position	15 Seconds (Test mode)		
Adjustable	15 Seconds	15 Minutes	30 Minutes