

# Energy efficient lighting control at home



**ROYAL ELECTRIC SUPPLY  
COMPANY**

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**WE GET IT**

24/7 Emergency Material Access



RESIDENTIAL WALL SWITCH SENSORS AND TIME SWITCHES

 **WattStopper**

■ PUTTING A STOP TO ENERGY WASTE®

 **legrand®**

# Three control choices, greater application flexibility at home

**Watt Stopper/LeGrand,  
long-time leader in commercial  
lighting control, now helps  
homeowners put a stop to  
energy waste.**

Homeowners are always looking for ways to reduce their growing energy bills without breaking the bank.

Watt Stopper/LeGrand has the solution.

Turn lights off in empty rooms with convenient vacancy, occupancy or time-based control. Our

residential wall switch sensors and time switches combine simplicity with features that make sense in every living space. Homeowners will

love the uncluttered look that provides a clean, seamless appearance. With a range of universal application and application-specific models, Watt Stopper/LeGrand

provides convenient control for every room in the home.

**Convenient  
control with  
a low-profile,  
sleek design**





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Lighting controls are now being applied in homes to realize the same benefits as commercial applications.

Homeowners can reduce their energy bills, and lights will never be left burning in vacant rooms again.

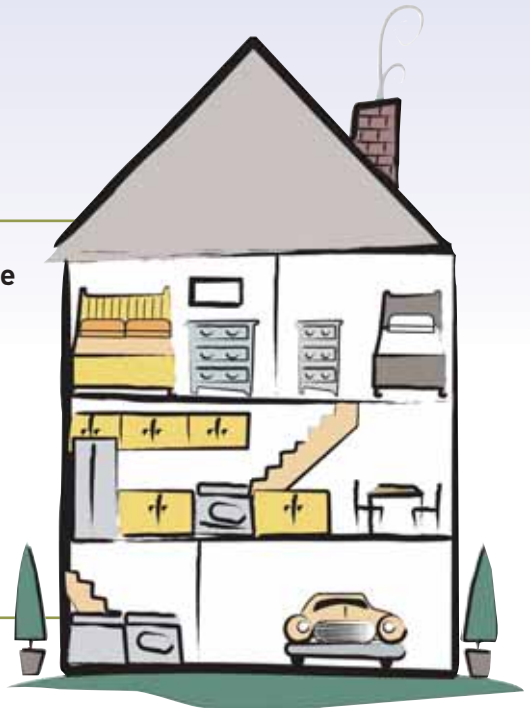


Watt Stopper/Legrand's wall switch sensors and timers do it all:













- Energy saving code compliance
- Convenience with trouble-free performance
- Compatible with most standard lighting
- Easy to install
- Extended bulb life

### Typical reduction in lighting usage

- |                 |        |
|-----------------|--------|
| • Bathrooms     | 40-50% |
| • Bedrooms      | 40-50% |
| • Laundry rooms | 30-40% |
| • Garages       | 30-40% |
| • Closets       | 20-30% |
| • Pantries      | 20-30% |



# Product Selection Summary

Catalog #	Product Description	Features	Typical Applications
<b>Vacancy Sensors</b>			
 <b>RS-100BA</b>	Application-Specific Wall Switch Vacancy Sensor Single Pole (25 - 500W; no neutral required)	Manual-ON Fixed 30 minutes Title 24-2005	Bathrooms and bedrooms
 <b>RS-150BA</b>	Application-Specific Wall Switch Vacancy Sensor Single Pole (0 - 600W)	Manual-ON Fixed 30 minutes Title 24-2005	Bathrooms and bedrooms
 <b>RS-250</b>	Universal Application Wall Switch Vacancy Sensor Single Pole (0 - 600W)	Manual/Auto-ON Fully adjustable Title 24-2005	Bathrooms and bedrooms, other rooms in the house
 <b>RH-200</b>	Multi-Way Wall Switch Vacancy Sensor Single Pole, 3-way, 4-way (0 - 600W)	Manual/Auto-ON Fully adjustable Title 24-2005	Rooms with multiple entrances; hallways, stairways
 <b>RS-350</b>	Universal Application Wall Switch Vacancy Sensor Dual Relay (0 - 600W)	Manual/Auto-ON Fully adjustable Title 24-2005	Rooms with multiple loads; bathrooms and bedrooms
 <b>RS-150BA-N</b>	Application-Specific Wall Switch Vacancy Sensor with Nightlight Single Pole (0 - 600W)	Manual/Auto-ON Fixed 30 minutes Title 24-2005	Children's bathrooms and bedrooms
 <b>RS-250-N</b>	Universal Application Wall Switch Vacancy Sensor with Nightlight Single Pole (0 - 600W)	Manual/Auto-ON Fully adjustable Title 24-2005	Children's bathrooms and bedrooms
 <b>RS-350-N</b>	Universal Application Wall Switch Vacancy Sensor with Nightlight Dual Relay (0 - 600W)	Manual/Auto-ON Fully adjustable Title 24-2005	Rooms with multiple loads; children's bathrooms and bedrooms
<b>Occupancy Sensors</b>			
 <b>RS-100U</b>	Application-Specific Wall Switch Occupancy Sensor Single Pole (25 - 500W; no neutral required)	Auto-ON Fixed 5 minutes	Garages, laundry rooms
 <b>RS-150U</b>	Application-Specific Wall Switch Occupancy Sensor Single Pole (0 - 600W)	Auto-ON Fixed 5 minutes	Garages, laundry rooms
<b>Time Switches</b>			
 <b>RT-50</b>	Seven-Button Preset Countdown Time Switch Single Pole (0 - 600W)	1, 5, 10, 20, 30, 60 minutes	Closets, pantries, powder rooms
 <b>RT-100</b>	Programmable Countdown Time Switch Single Pole (0 - 600W)	5 minutes - 12 hours	Garages

Specify color when ordering by adding a **-W** for White, **-LA** for Light Almond and **-I** for Ivory.

## Common Features

- Low-profile appearance
- Choice of three decorator colors with uniform color-matched lens and device
- Voltage: 120 VAC, 60HZ
- Sensor coverage: 180°, max 600ft<sup>2</sup> (56m<sup>2</sup>)
- Passive Infrared (PIR) Technology Sensors



## Wall Switch Vacancy Sensors

Passive Infrared (PIR) vacancy sensors detect when a space becomes vacant, and turn lighting off automatically after a preset time delay elapses. Users can manually turn lights on or off at any time by operating the ON/OFF button.



### Passive Infrared Technology

PIR technology senses the difference in a human body in motion and the environment. It relies on a clear line of sight view

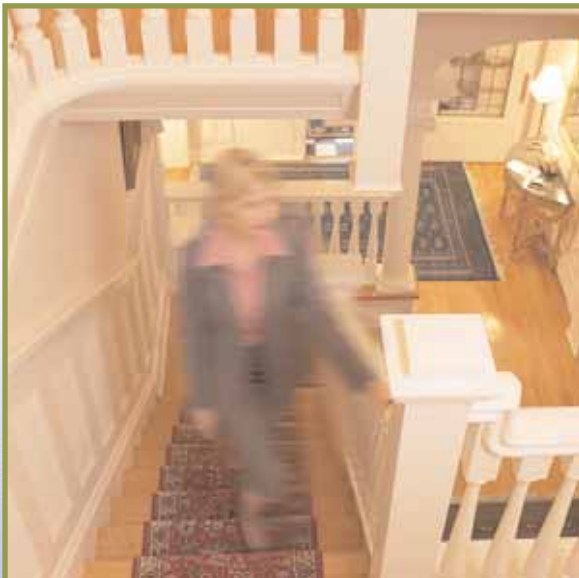
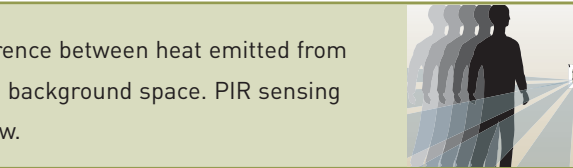


In **bathrooms** where the wall switch has an unobstructed view of the entire space, replace the light switch with an application-specific wall switch vacancy sensor. Dual relay models are also available to conveniently control lighting and exhaust fans.

In **bedrooms**, a wall switch vacancy sensor with nightlight offers comforting nighttime lighting without turning on overhead lights.

## Wall Switch Occupancy Sensors

Passive Infrared (PIR) wall switch occupancy sensors detect when a room becomes occupied, and turn on the controlled lighting automatically. If no occupancy is detected for five additional minutes, lighting automatically switches off.



Bring convenient automatic ON throughout the home with application-specific occupancy sensors for use in **closets** and **storage rooms**.

For more demanding applications like **hallway or stairway lighting** use multi-way wall switch sensors that provide both automatic OFF and multi-way control.

## Time Switches

Time switches are suitable choices in spaces where vacancy or occupancy sensors are inappropriate. Users can select from simple push-button timers for uncomplicated applications to LCD display programmable timers in spaces where more flexibility is desired.



Less-often used spaces, such as a **garage**, are ideal for time-based control. With a programmable digital time switch replacing a standard wall switch, homeowners can eliminate wasted lighting.

For **closets**, seven-button preset time switches offer cost-effective energy savings.