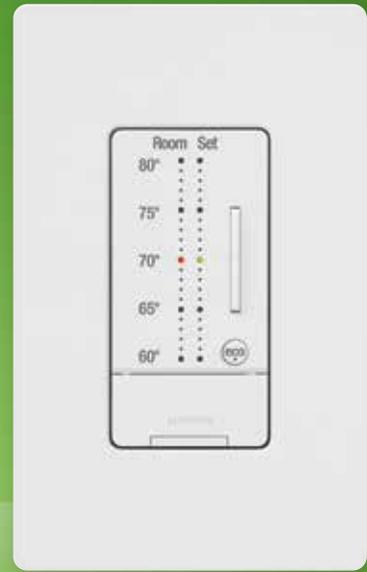




TouchPRO Wireless™ thermostat



seeTemp™ wall control
in White

Temperature Control from Lutron®



Home Control+ app

Use Lutron's Home Control+ app to manage your home's temperature while at home or while you're away.



Temperature Control from Lutron®

Why temperature control?

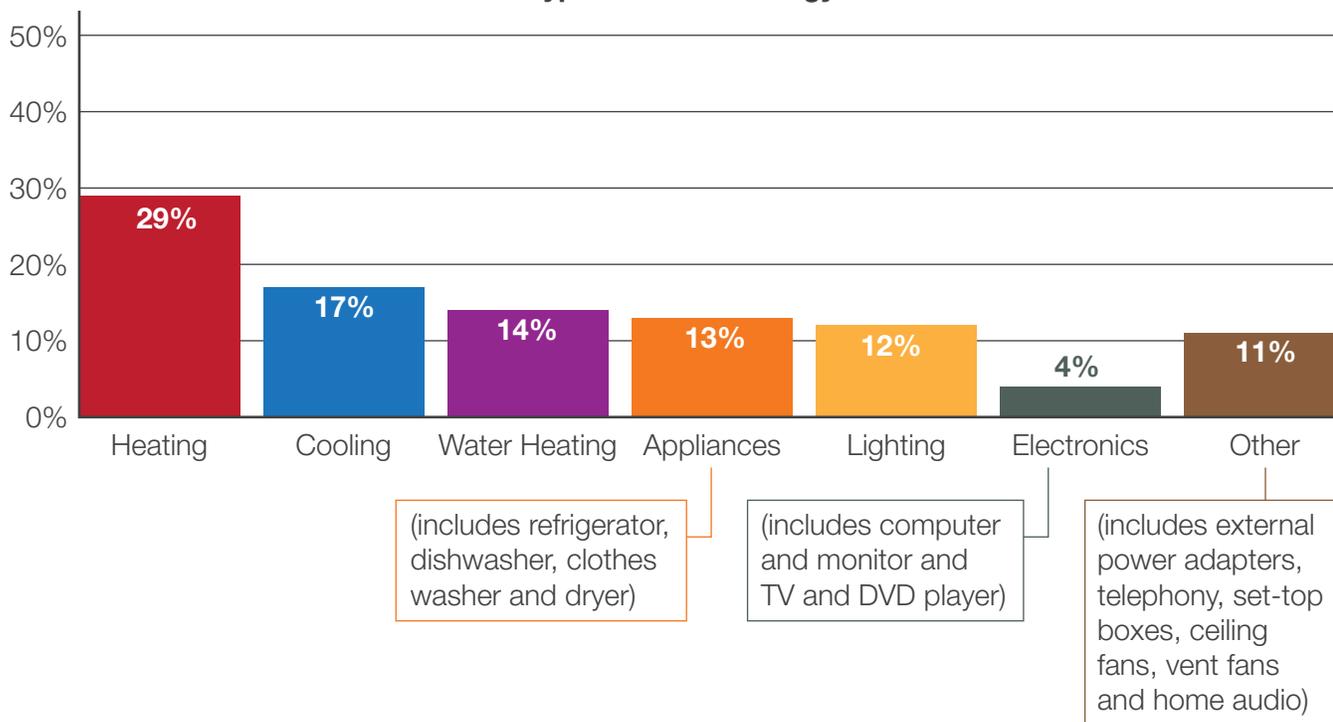
Lutron light and shade controls have always saved energy. So, expanding our energy-saving solutions beyond light control was only natural.

Lutron temperature controls are designed to work in conjunction with our total home control systems and provide convenience, flexibility and energy savings in an aesthetically pleasing design.

Saving energy with temperature control

Heating and cooling accounts for more than 40% of a typical home's energy use. Controlling temperature with a programmable thermostat can help you save 16% of the energy used on HVAC.*

Typical home's energy use



* www.energystar.gov

Source: Typical House memo, Lawrence Berkeley National Laboratory, 2009 and Typical house_2009_Reference.xls spreadsheet.

Temperature control from Lutron® is available for **RadioRA® 2** and **HomeWorks® QS** total home control systems.

Two thermostat options

Lutron offers two thermostat options—an all-in-one design, and a 3-part solution. Whether you choose the familiar look of an on-wall touchscreen thermostat, or opt to minimize the visible equipment with the HVAC controller and wireless temperature sensor, you'll enjoy the same great system features and benefits.

TouchPRO Wireless™ thermostat

An all-in-one solution that combines the trusted Honeywell brand with Lutron innovation. It looks like a conventional thermostat, is easy to install and program, and is a simple way to add temperature control to a Lutron® total home control system.

The TouchPRO Wireless is compatible with seeTemp™ wall controls, making it easy to add additional points of control.



TouchPRO Wireless

3-part thermostat

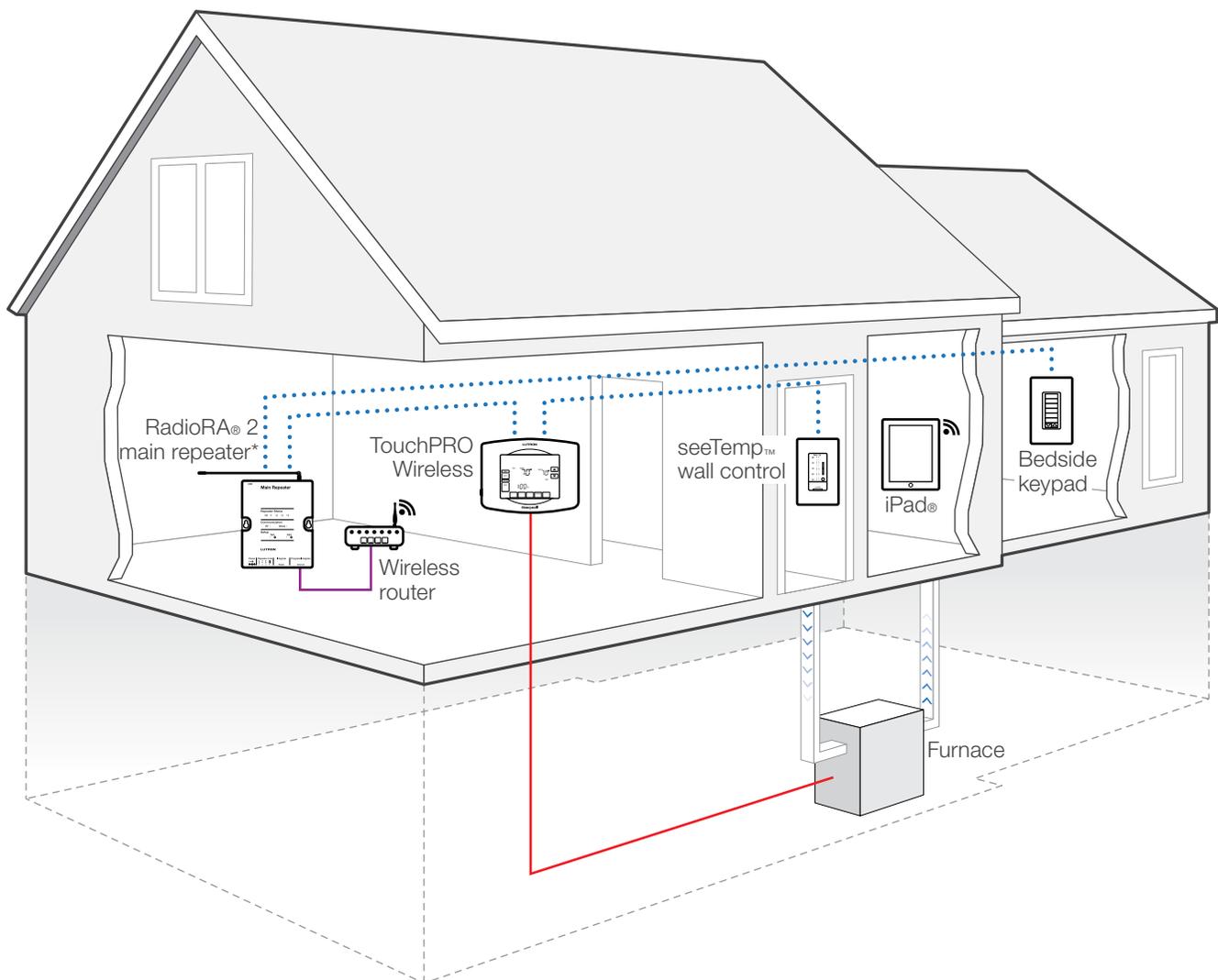
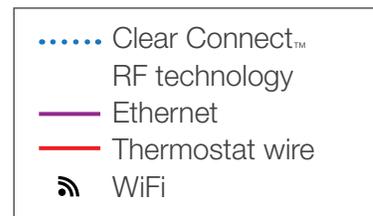
An out of view HVAC controller replaces the wall-mounted thermostat. It communicates with a wireless temperature sensor and seeTemp wall controls via Clear Connect™ RF technology to simplify installation and ensure reliable operation.



seeTemp wall control, HVAC controller, and wireless temperature sensor

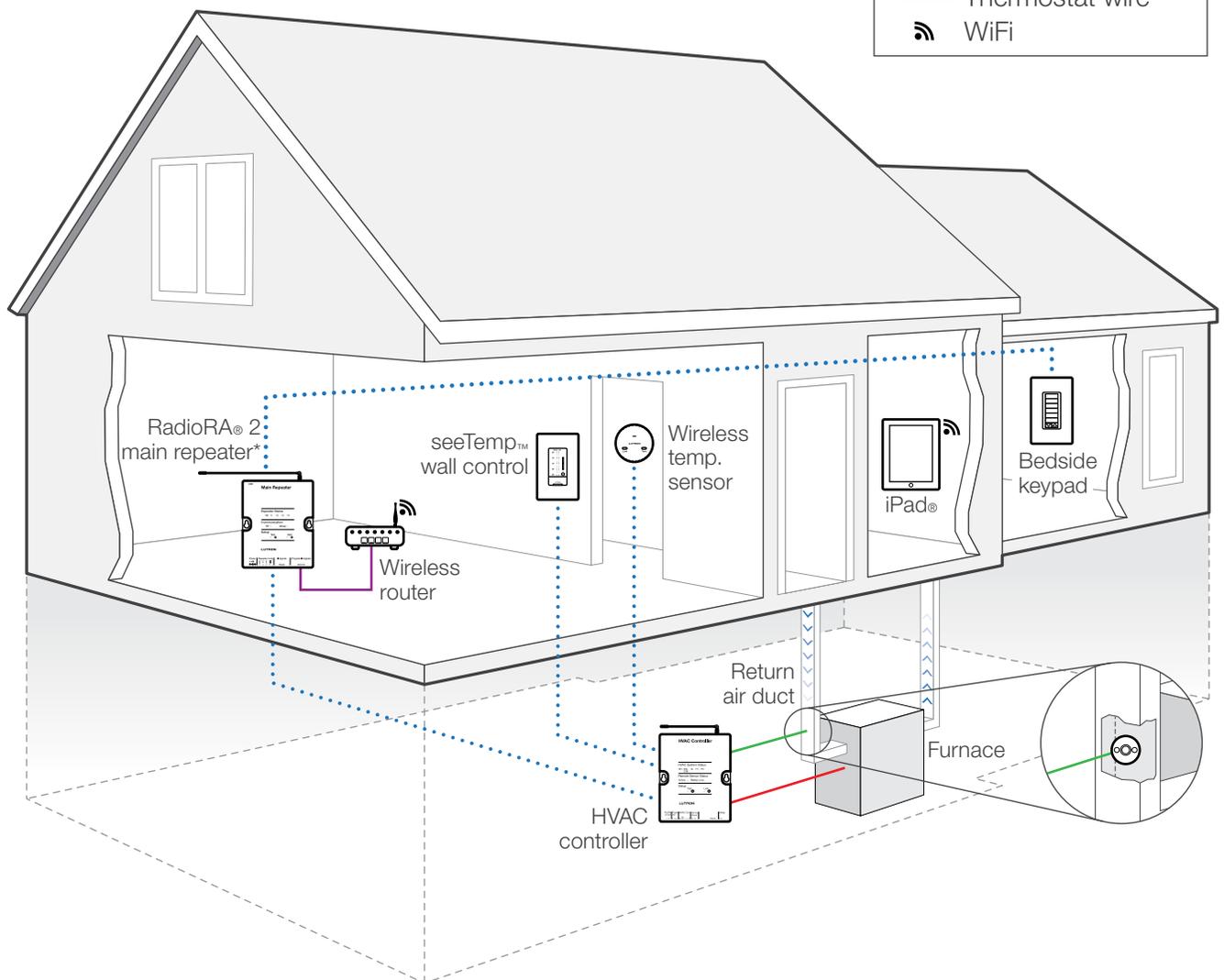
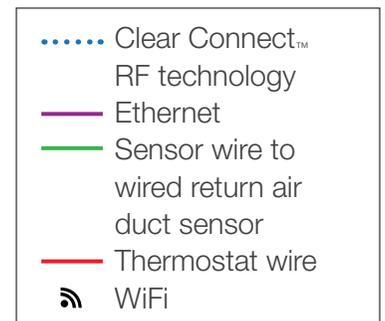
System Diagrams

Temperature control using the TouchPRO Wireless™ thermostat



*or HomeWorks® QS processor and Hybrid Repeater

Temperature control using the 3-part thermostat



*or HomeWorks® QS processor and Hybrid Repeater

TouchPRO Wireless Features



Shown at 95% (actual size: 6.5" X 4.94")

TouchPRO Wireless™ with Clear Connect™ technology

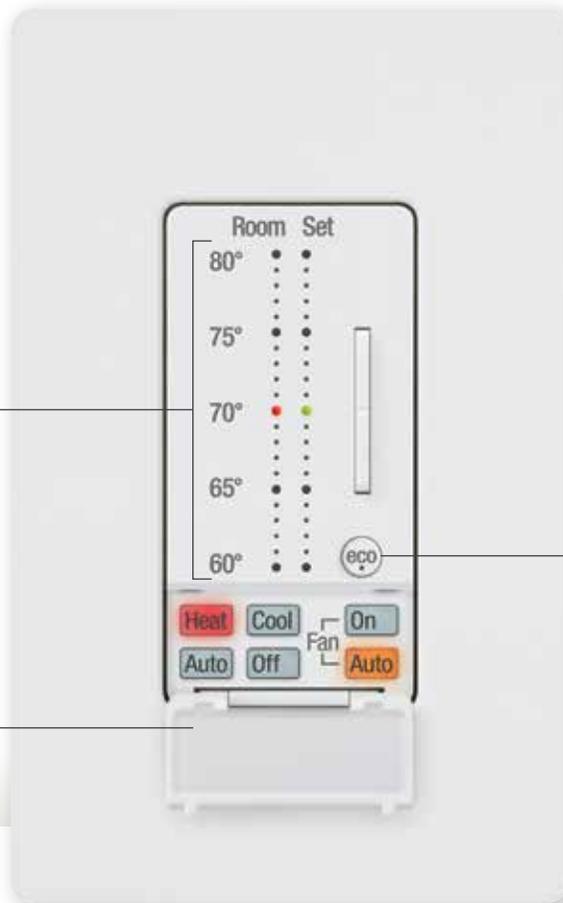
- Designed by Honeywell and communicates via Lutron® Clear Connect RF Technology
- Features an intuitive touchscreen interface
- Easy installation—replaces existing thermostat
- Compatible with designer seeTemp™ wall controls
- Create energy-saving schedules using Home Control+ app
- Control temperature from keypads, sensors, mobile devices and third-party control systems
- Wired temperature sensor connection for remote indoor or outdoor sensor

Note: TouchPRO Wireless thermostat should be installed by a professional HVAC contractor.

Celsius version
also available



Door conceals mode
buttons and opens
180° for easy access



eco button

Shown actual size

seeTemp™ wall control

- eco button adjusts temperature 2° F to save energy without sacrificing comfort
- Celsius and Fahrenheit versions available
- Multiple seeTemp wall controls may be used—providing multi-location control
- Communicates via Lutron® Clear Connect™ RF Technology to ensure reliable communication and consistent performance

3-Part Thermostat Features



Shown at 75% (actual size: 4.25" X 5.25")

HVAC controller

- Connects to and controls HVAC equipment using standard low-voltage thermostat wiring
- Integrates temperature control with a Lutron whole-home control system
- Communicates via Lutron® Clear Connect™ RF Technology
- Includes wired return air duct sensor (required)

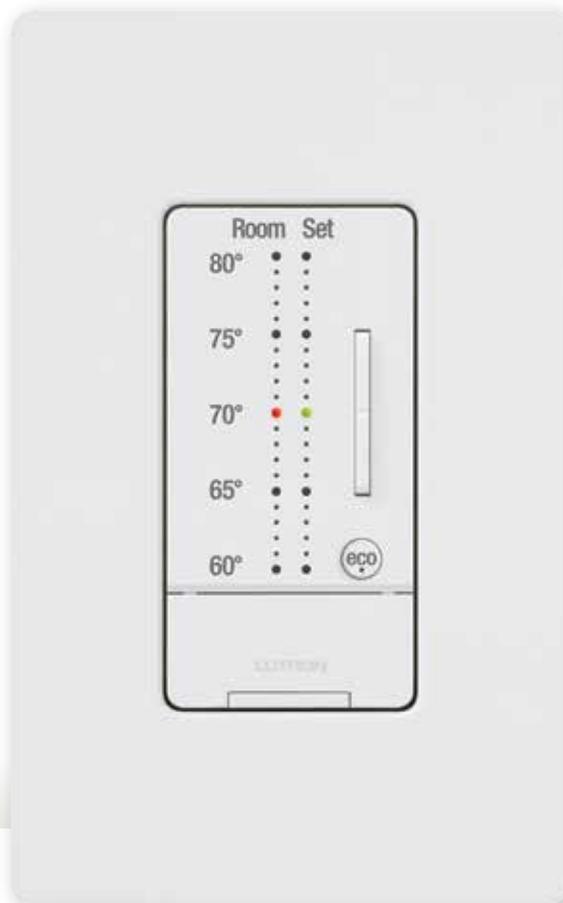
Note: HVAC controller should be installed by a professional HVAC contractor



Shown actual size

Wireless temperature sensor

- No wires—5 year battery life
- If more than one sensor is associated with an HVAC controller, temperatures are averaged
- Communicates via Lutron Clear Connect RF Technology
- Compatible only with the HVAC controller
- Maximum of 5 wireless temperature sensors per RadioRA® 2 main repeater or HomeWorks® QS RF link



Shown actual size

seeTemp™ wall control

- eco button adjusts temperature 2° F to save energy without sacrificing comfort
- Celsius and Fahrenheit versions available
- Multiple seeTemp wall controls may be used—providing multi-location control
- Communicates via Lutron® Clear Connect™ RF Technology to ensure reliable communication and consistent performance

System Control Options

iPad, iPhone, iPod touch*, Android†

View the current temperature, adjust the set point and system mode, and manage your thermostat schedule using Lutron's Home Control+ app. Use it for convenience while at home or while you're away.



seeTouch® keypads

Include temperature control in whole-home scenes like a "Goodnight" scene. When you press the "Goodnight" button the lights turn off and temperature sets back a few degrees to save energy overnight.

While you're away

If you're going on vacation, your system can run a series of lighting events that make your home look occupied. It can also maintain an energy-saving set point.



*iPhone, iPod touch, and iPad are registered trademarks of Apple®, Inc., registered in the U.S. and other countries.

†Android is a trademark of Google Inc. Use of this trademark is subject to Google Permissions.

3rd-party integration

View the current temperature and adjust the set point and system mode from your favorite home automation system or programmable remote control. Temperature control commands are available using Lutron's integration protocol via RS-232 or IP.



Occupancy/vacancy sensors

Lutron's Radio Powr Savr™ occupancy sensors can select a set point when a space is occupied, and another when the space is vacant, automatically saving energy when no one is around.



HVAC schedule

Automatically control your temperature to save energy using the 7-day, 4-event HVAC schedule. The schedule includes recommended settings to save energy and maintain comfort.



Benefits



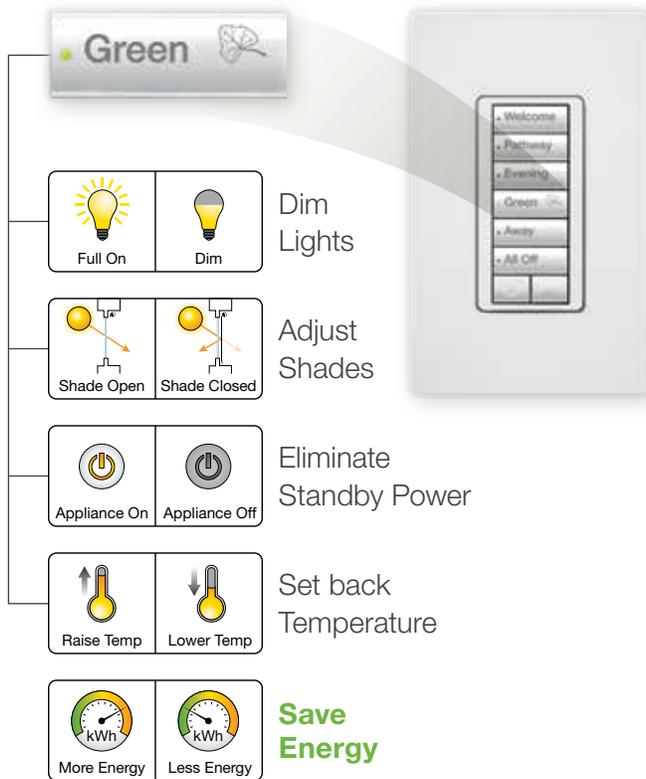
Dimmer ganged with seeTemp™ wall control

Aesthetics

- The seeTemp wall control's elegant, slim design allows it to blend in with a room's décor.
- Reduce wall clutter by installing the seeTemp wall control in any wallbox, either ganged with dimmers and keypads or on its own.
- The seeTemp wall control is available in gloss and Satin Colors (shown above, right) to match any décor.

White	Ivory	Almond
Light Almond	Gray	Brown
Black	Hot	Merlot
Plum	Turquoise	Taupe
Eggshell	Biscuit	Snow
Palladium	Midnight	Sienna
Terracotta	Greenbriar	Bluestone
Mocha Stone	Goldstone	Desert Stone
Stone	Limestone	

Available colors for seeTemp wall control



Energy savings

- Save up to 16% of the energy used on HVAC[†] with Lutron temperature control.
- Use temperature scheduling to automatically reduce HVAC use at night, while away, or during other times it isn't needed.
- Use the "Green" button (shown above) to control lights, shades, appliances and temperature as part of a whole home system. The "Green" button dims lights 5%, lowers shades to block heat gain and sets back the temperature 2° F. You can save more by personalizing these settings.

[†] www.energystar.gov

Convenience

- Control the temperature from anywhere via seeTemp™ wall controls, system keypads, your iPad®, iPhone®, iPod touch®*, Android™†, or 3rd-party remote controls and touchscreens.
- Automatically schedule your thermostat to turn off after you leave for work and turn on before you return.

*iPhone, iPod touch, and iPad are registered trademarks of Apple®, Inc., registered in the U.S. and other countries.

†Android is a trademark of Google Inc. Use of this trademark is subject to Google Permissions.

HVAC System Compatibility

HVAC Type	Compatible?	
	TouchPRO Wireless™	HVAC Controller
Single Stage Cool	Yes	Yes
Two Stage Cool	Yes	Yes
Single Stage Heat	Yes	Yes
Two Stage Heat	Yes	Yes
Packaged Roof Top Units	Yes	Yes
Heat Pump	Yes	Yes
Dual Fuel Systems	Yes	Yes*
Geothermal Heat Pump	Yes	Yes
Heat Pump with Auxiliary Electric (Emergency) Heat	Yes	Yes
Typical Variable Speed Fan (Equipment Controlled)	Yes	Yes
Multi-Zone Systems (Controllable Dampers)	Yes†	Yes†
In-Floor Radiant Heat	Yes	Yes
Line Voltage Electric Baseboard	No	No
Mili-Volt System	No	No
Proprietary/Digital Control System	No	No
Variable Speed Fan (Independent Relays)	No	No
Humidity Control	No	No
Humidity Sensing	No	No
Outdoor Temperature Sensing	Yes‡	No

* Requires a separate Fossil Fuel Kit not sold by Lutron®

† Requires a separate Zone Controller not sold by Lutron

‡ Outdoor temperature only displayed on the thermostat screen

Ordering Information

Model Number	Description	
LRD-WST-F-XX*	seeTemp™ wall control (Fahrenheit)	
LRD-WST-C-XX*	seeTemp wall control (Celsius)	
LRF2-TWRB-XX†	Wireless temperature sensor	
LR-TEMP-FLSH	Flush-mount temperature sensor	
LR-HVAC-INT-XX†	Temperature control integration package (1) LRF2-TWRB-XX ⁴ (1) HVAC Controller	
LR-HVAC-INT-FLSH	Temperature control integration package (flush-mount) (1) Flush-mounted wired temperature sensor (1) HVAC Controller	
LR-HVAC-PKG-WH	Temperature control package with Fahrenheit seeTemp (1) LRF2-TWRB-SW (1) HVAC Controller (1) LRD-WST-F-WH	
LR-HVAC-PKG-C-WH	Temperature control package with Celsius seeTemp (1) LRF2-TWRB-SW (1) HVAC Controller (1) LRD-WST-C-WH	
LR-HWLX-HVAC	TouchPRO™ Wireless thermostat	

* Available in 27 gloss and Satin Colors®

† Available in Snow (SW) or Midnight (MN)



www.lutron.com

Lutron Electronics Co., Inc.
7200 Suter Road
Coopersburg, PA 18036-1299

World Headquarters 1.610.282.3800
Technical Support Center 1.800.523.9466
Customer Service/Quotes 1.800.446.1503

© 9/2013 Lutron Electronics Co., Inc.
Printed in the U.S.A.
P/N 367-2020 REV D



www.lutron.com/energy

