

lumina rf™

Lumina RF Universal Thermostat

APPLICATION

The RC-1500 Lumina RF ZigBee thermostat provides precise control over the heating, ventilation, and air conditioning (HVAC) systems inside a home or business. The device uses advanced digital technology that learns the heating/cooling patterns to control the HVAC equipment for maximum efficiency and comfort. The Lumina RF communicates with control systems via ZigBee Home Automation profile and has a high-power radio with a range of over 200 feet.

FEATURES AND BENEFITS

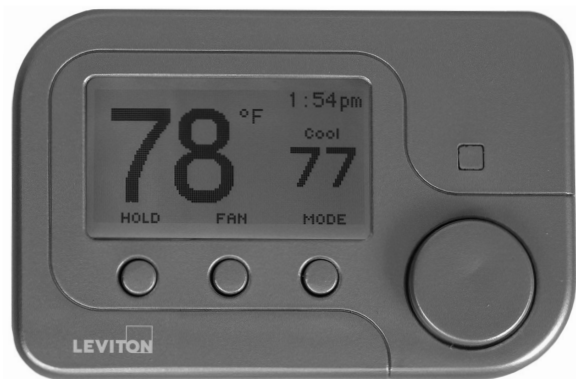
- Available as ZigBee Wireless Only
- Same HVAC control as RC-2000 sans humidity, proximity sensor, hardwired communication.
- Length: 5.5" Width: 3.65" Height: 1.2"
- Available in White, Black, and Silver.

The new RC-1500 is a universal thermostat. It is similar to the RC-2000, but does not include humidity monitoring/control, serial communication to external devices (TDC), or emergency heat mode relay signals. It communicates to an Omni or Lumina controller using ZigBee (not hardwire).

WHAT DOES THIS DO?

Using ZigBee wireless mesh technology, the thermostat provides precise digital control over two-stages of cooling, three stages of heating, and features an automatic heat/cool changeover. With temperature readings available in both Celsius and Fahrenheit and simple or advanced displays, the thermostat is a perfect universal device ideal for implementing into a larger ZigBee automation system.

Omnistat2 can intelligently manage electric, gas, geothermal, and radiant heat energy sources. Simply turn the scroll wheel to the right or left to adjust the temperature, and use the three buttons to navigate the menu on the display. View temperature setpoints, modes, outdoor temperature, run time by week, and more. Change backlighting color from blue to red or green with the turn of the scroll wheel.



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Leviton Security & Automation

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Leviton Mfg. Co., Inc.

201 North Service Road, Melville, NY 11747 Tech Line: 1-800-824-3005 Fax: 1-800-832-9538 www.leviton.com

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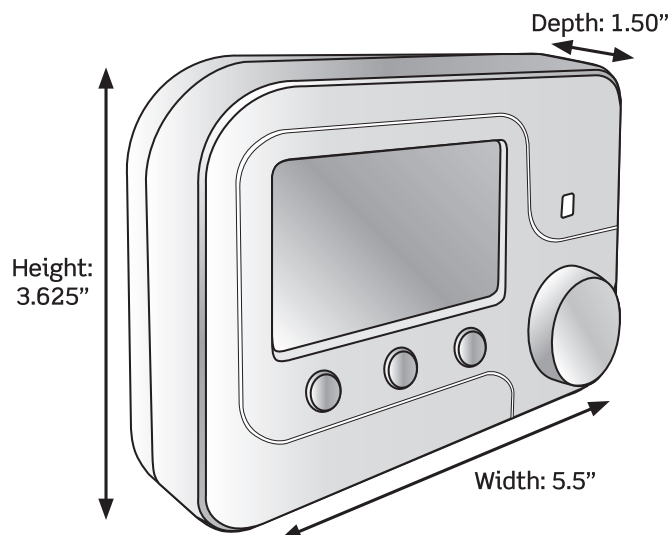
AGENCY STANDARDS AND COMPLIANCE

- Complies with FCC Part 15, Class B
- UL Listed (File #E-183082)

WARRANTY INFORMATION

Two-Year Limited Warranty

DIMENSIONAL DRAWINGS



ORDERING INFORMATION

CAT. NO.	DESCRIPTION	RATING	COLOR
001-RT15Z-00W	Lumina RF Universal Thermostat	24VAC, 60Hz, Class 2 Input and Output	White

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OMNISTAT2 CAPABILITY CHART

	RC-2000	RC-1500**	RC-1000
Humidifier control	●		
Dehumidifier control	●		
Humidity sensing and display	●		
Supports up to two stages of cooling, and three stages of heating	●	●	
Supports dual fuel systems	●		●
Automatic heat/cool changeover	●	●	●
Filter reminder for peak efficiency	●	●	●
Digital precise temperature control	●	●	●
Seven day schedule with copy function	●	●	●
Fan cycle mode periodically circulates air	●	●	●
Graphical display of HVAC usage by week	●	●	●
Eco-friendly design—no batteries to replace	●	●	●
Multi-color backlight is adjustable at any time	●	●	●
Choose between Simple or Advanced displays	●	●	●
Temperature readings available in Fahrenheit or Celsius	●	●	●
Energy Efficient Control (EEC) for heat pump auxiliary heat	●	●	●
Learns a home's heating and cooling patterns for efficiency	●	●	●
Communicates with Leviton Security & Automation systems and other automation systems	●	●	●
Settings for Home, Night, Away, and Vacation (with a Leviton Security & Automation system)	●	●	●
Easy to use Vacation mode restores temperatures before your return	●	●	●
Serial Connection	●		●
Remote and averaged temperature sensors available	●	●	●
Motion activated backlight turns on when approached	●		●
Compatible with TDC	●		
Includes hardwire communication to Omni or Lumina controller	●		●
Emergency Heat Mode Relay Signal	●		

**RC1500 available as ZigBee® wireless only.

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Visit our website at www.leviton.com/automation

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SAT-10005