

Deriva™ IntelliSync™

Smart Thermostat



Product Highlights

- Universal system compatibility
- 3 power options: battery, c-wire or micro USB
- WiFi-enabled
- Horizontal or vertical mounting
- 5-year warranty

Product Features

- Easy installation
- Large, always visible 2¾" display
- Easy-view LED back light
- AM/PM clock or military time option
- Program 7-day on unit or via App
- User option: 2 or 4 periods per day
- Temporary override and manual hold
- Display option: Fahrenheit or Celsius temperature
- Adjustable 2nd stage heat and cool offset
- Adjustable temperature differential/swing
- Operates on 24VAC, 2-AA lithium batteries OR available micro-USB for 5VDC
- Automatic changeover feature
- System run-time monitor
- Low battery detection
- Air filter monitor
- Dual mount: vertical or horizontal

App Features

- Access your WiFi-enabled thermostat remotely through your smartphone, tablet or laptop
- Easy, online programming
- *Smart Recovery* feature factors in outside and inside conditions to reach programmed temperature on schedule
- *Geofencing* allows user-set radius with smartphones
- High and low temp alerts
- Recommends settings for maximum savings
- Energy use and run-time monitor



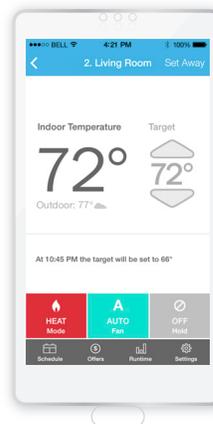
Installation

Compatible With:

- Conventional heat and A/C up to 2-stage heat/2-stage cool; universal compatibility
- Heat pumps with up to 2-stage heat/1-stage cool (including AUX/EMERG heat); universal compatibility
- 2 and 3-wire heat only hydronic systems (hot water baseboard and radiator)
- Gas Millivolt heaters

Not Compatible With:

- 120V/240V line voltage systems
- Heat pumps with (Y2) two compressor stages

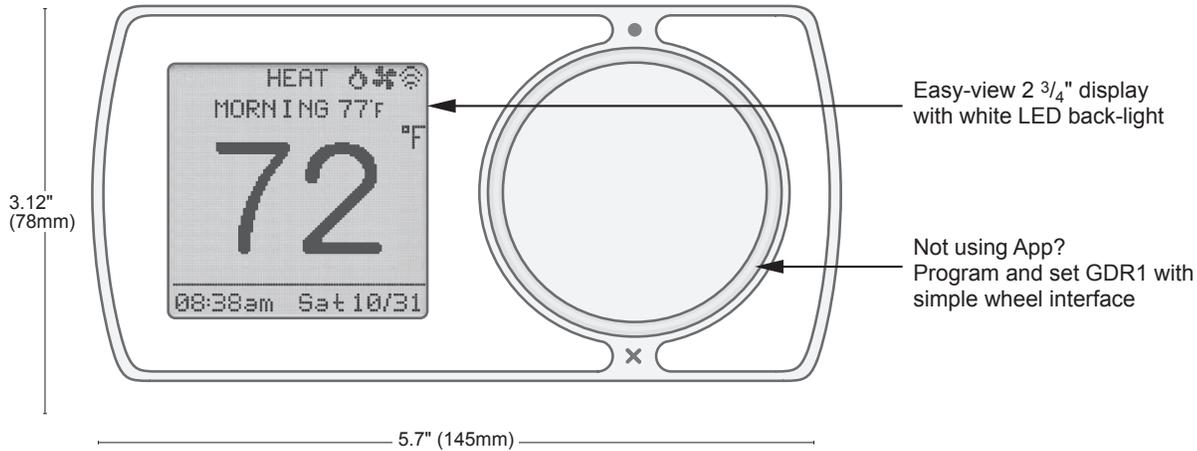


Learn more at derivacompany.com/thermostat



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Smart Thermostat Specifications



Dimensions	5.7" (145mm) wide x 3.12" (78mm) tall x 1.32" (33mm) deep Wall Plate: 6.75" (172mm) wide x 4.75" (121mm) tall x 0.157" (4mm) deep
Heat/Cool Terminals	RH, RC, B, W1, O, Y1, G, W2, C, Y2
Electrical Ratings	1.5 Amps per terminal @ 24Volts
Temperature Control Range	<ul style="list-style-type: none"> Temp control 45°F to 90°F (7°C to 32°C) Display range: 32°F to 99°F (0°C to 37°C) Temperature Differential: adjustable from ±0.25°F to ±2.25°F <i>Accuracy ±1°F over a range of 45°F to 90°F.</i>
Environmental Limits	<ul style="list-style-type: none"> Moisture and Dust: meets IP20 Operating Humidity: 20% to 90% (non-condensing) Operating temperature: +14°F to 122°F (+10°C to 50°C) Storage temperature: +40°F to +140°F (-20°C to +60°C)
WiFi Specifications	<ul style="list-style-type: none"> 2.4GHz: 802.11 b/g/n SHA256RSA data encryption Network commissioning through iOS/Android app or WPS Program and system settings stored on the device for set up and function – with or without WiFi
Compatibility	<ul style="list-style-type: none"> Universal compatibility for conventional heat and A/C up to 2-stage heat/2-stage cool Universal compatibility for heat pumps with up to 2-stage heat/1-stage cool (including AUX/EMERG heat) 2 and 3-wire heat only hydronic systems (hot water baseboard and radiator) Gas Millivolt heaters
Not Compatible With	<ul style="list-style-type: none"> 120V/240V line voltage systems