

*Pro features including humidification/dehumidification control as well as dual fuel*

## 7-day programmable

Programmable • Non-Programmable

### Product Highlights

- ✓ Free iOS & Android App with geofencing feature
- ✓ Universal system compatibility
- ✓ Works with dual fuel systems
- ✓ 3 power options: C-wire, LUX Power Bridge, or micro USB
- ✓ Horizontal or vertical mounting
- ✓ 5 year warranty
- ✓ Find available rebates on [www.luxgeo.com](http://www.luxgeo.com)



### Product Features

- Easy installation
- Large, always visible 2 3/4" display
- Easy-view LED back light
- Humidification/Dehumidification control
- H/DH dry-contacts for 3rd party equipment
- Dehumidification options using A/C condensing unit
- 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 temperature differential/swing
- Adjustable 2nd stage heat and cool offset
- Operates on 24V "C-wire", LUX Power Bridge, or 5VDC micro USB
- Automatic changeover feature
- System run-time monitor
- Air filter monitor
- Dual mount: vertical or horizontal

#### App Features

- Indoor temp and Relative Humidity % display
- Outdoor temperature display
- Easy, online programming
- Radius (geofencing): user set radius with smartphones
- High and low temp alerts
- Provides recommended settings for maximum savings
- Energy use and run-time monitor

### Installation

#### Compatible With

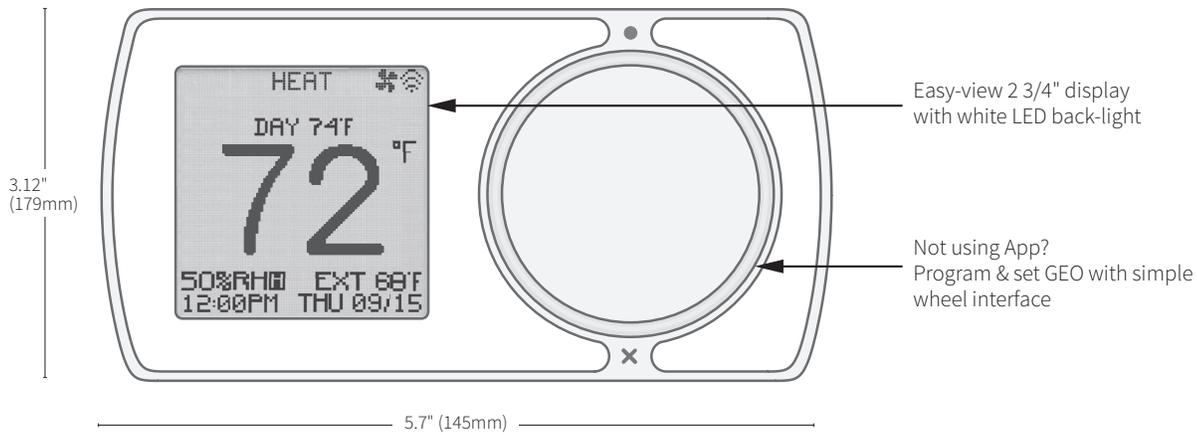
- Universal compatibility for conventional heat & A/C up to 2-stage heat/2-stage cool
- Universal compatibility for heat pumps with up to 3-stage heat/2-stage cool (including AUX/EMERG heat)
- Dual fuel systems (heat pump with fossil fuel furnace back-up)
- Hydronic heating applications (if 24V System Common wire is present).

#### Not Compatible With

- Gas Millivolt Heaters, Gas Fireplaces, and other 2-wire heat applications
- 120V/240V line voltage systems

# SPECIFICATIONS

MODEL# **GEOx**



Dimensions	5.7" (145mm) wide x 3.12" (179mm) 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	R, Y1, Y2, G, W1, W2/O/B, C, U/U (for separate humidifier/dehumidifier)
Electrical Ratings	1.5 Amps per terminal @ 24Volts
Temperature Control Range	<ul style="list-style-type: none"> <li>Temp control 45°F to 90°F (7°C to 32°C)</li> <li>Display range: 32°F to 99°F (0°C to 37°C)</li> <li>Temperature differential: adjustable from ±0.25°F to ±2.25°F</li> </ul> <i>Accuracy ±1°F over a range of 45°F to 90°F.</i>
Environmental Limits	<ul style="list-style-type: none"> <li>Moisture and dust: meets IP20</li> <li>Operating humidity: 20% to 90% (non-condensing)</li> <li>Operating temperature: +14°F to 122°F (+10°C to 50°C)</li> <li>Storage temperature: +40°F to +140°F (-20°C to +60°C)</li> </ul>
WiFi Specifications	<ul style="list-style-type: none"> <li>2.4GHz: 802.11 b/g/n</li> <li>SHA256RSA data encryption</li> <li>Network commissioning through iOS/Android app or WPS</li> <li>Program and system settings stored on the device for set up and function – with or without WiFi</li> </ul>
Compatible With	<ul style="list-style-type: none"> <li>Universal compatibility for conventional heat &amp; A/C up to 2-stage heat/2-stage cool</li> <li>Universal compatibility for heat pumps with up to 3-stage heat/2-stage cool (including AUX/EMERG heat)</li> <li>Dual fuel systems (heat pump with fossil fuel furnace back-up)</li> <li>Hydronic heating applications (if 24V System Common wire is present)</li> </ul>
Not Compatible With	<ul style="list-style-type: none"> <li>Gas Millivolt Heaters, Gas Fireplaces, and other 2-wire heat applications</li> <li>120V/240V line voltage systems</li> </ul>
Packaging	<ul style="list-style-type: none"> <li>Master Carton: 5 Units</li> <li>UPC: 0 21079 16004 4</li> </ul>

Project Name \_\_\_\_\_

Date \_\_\_\_\_

Contractor / Engineer \_\_\_\_\_

Location \_\_\_\_\_

**LUXPRO®**