LUX®

Pro Services
Pro Products
Pro Solutions

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LUX®

SMART THERMOSTATS

LUXPro offers the latest and greatest in technology, and when it comes to smart products LUX delivers with Pro Edition features making installation and set-up quick and easy. LUX Smart thermostats connect effortlessly with major voice assistants Amazon Alexa™, The Google Assistant™, and Apple HomeKit™ . Take advantage of being able to control your comfort from anywhere with Home and Away Aware™ geofencing controlled from the LUX App available on IOS & Android devices.

LUX
KONOz

Smart Hub Thermostat   KN-Z-WH1-B04   UPC 0 21079 17023 4

Zero degrees of difficulty™

Description

KONOz is the smart thermostat made with you in mind. It seamlessly connects to many smart hubs and blends in or stands out with its interchangeable Décor-snap covers™. KONOz makes it easier than ever to personalize your comfort, décor, and savings.

System

- Modes: Heat, cool, auto-changeover (heat/cool)
- Conventional: Forced air, gas, oil & electric furnaces (up to 2h/1c)
- Heat Pumps: With or without Aux/Emergency heat
- Power: C-wire, 4 AA alkaline batteries (included & provides up to 2 year battery life) or LUX Power Bridge (sold separately)

Zigbee Profile

- Product Type: End Product
- Technical Category: Thermostat
- OTA Upgrade: Supported
- Supporting Documents:
  For additional documentation, manufacturer-specific commands or gateway support, please contact engineering@luxproducts.com

Accessories*

- Décor-snap™ Covers Available Separately

Best at-a-distance display for easy reading

Comfortable wheel interface - access menus, set-up and comfort control

SPECIFICATIONS
(subject to change)

MODEL# KN-Z-WH1-BO4

Dimensions	Height: 4.5" (114.3 mm), Width: 4.5" (114.3 mm), Depth: 1.0" (25.4 mm)
Heat/Cool Terminals	Heat: 2 total (W, Y, G, W2/O/B, C, RH, RC, LPB) Cool: 1 total (Y1)
Electrical Ratings	Voltage Range: 20-30V AC Max Avg. Current Draw: 120mA at 24V AC Output Rating: 1.5A resistive load per terminal, 4.2A resistive load combined load
Temperature Control Range	Control Range: 50F to 90F (10C to 32C) Display Range: 32F to 99F (0C to 37C)
Environmental Limits	Operating Limits: 14F to 122F (-10C to 50C) Storage Limits: -4F to 140F (-20C to 60C) Operating Humidity: 20% to 80% non-condensing Moisture and Dust: Up to IP20
Zigbee Specifications	Zigbee 3.0 Frequency: 2.4GHz Max Transmission Power = +20dBm
Compatible With	Universal compatibility with forced air, gas, oil and electric furnaces up to 2h/1c and heat pump systems with or without aux/emergency heat.
Not Compatible With	120V/240V line voltage systems
Packaging	Master Carton: 4 Units UPC: 0 21079 17023 4

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KONO

Smart Thermostat

Zero degrees of difficulty

PEKN-S-B1-B04   UPC 0 21079 17022 7

PRO EDITION

WHOLESALE
PRO
EDITION

PRO 5-YEAR WARRANTY

Smart Features
- Geofencing: Home & Away Aware™
- Smart Scheduling: Utility cost estimated
- Smart tips: For savings & seasonality tips
- IAQ Fan: works with LUX airSMART IAQ
- Utility: Demand/response capable
- Reporting: Energy & run time usage
- Apps: iOS & Android

System
- Conventional: Forced air, gas, oil & electric furnaces (up to 2h/1c)
- Heat Pumps: With or without Aux/Emergency heat
- Power: C wire or PowerBridge (included)

Product
- Color: Midnight Black cover*
- Trim plate included
- Height: 4.5"   5.5" with trimplate
- Width: 4.5"   5.5" with trimplate
- Depth: 1"   1.25" with trimplate

Connectivity
- Radio: WiFi certified 802.11 b/g/n
- Frequency: 2.4 GHz
- Encryption: SHA256RSA
- Platforms: Amazon Alexa, Apple Homekit and Google Home

Works with Apple HomeKit   WORKS WITH amazon alexa   works with the Google Assistant

Accessories*
- Décor-snap Covers Available Separately

Best at-a-distance display for easy reading

Comfortable wheel interface - access menus, set-up and comfort control

SPECIFICATIONS   MODEL# PEKN-S-B1-B04

Dimensions	Height: 4.5" (114.3 mm), Width: 4.5" (114.3 mm), Depth: 1.0" (25.4 mm)
Heat/Cool Terminals	Heat: 2 total (W1, W2/O/B) Cool: 1 total (Y1)
Electrical Ratings	Voltage Range: 20-30V AC Max Avg. Current Draw: 120mA at 24V AC Output Rating: 1.5A resistive load per terminal, 4.2A resistive load combined load
Temperature Control Range	Control Range: 50F to 90F (10C to 32C) Display Range: 32F to 99F (0C to 37C)
Environmental Limits	Operating Limits: 14F to 122F (-10C to 50C) Storage Limits: -4F to 140F (-20C to 60C) Operating Humidity: 20% to 80% non-condensing Moisture and Dust: Up to IP20
WiFi Specifications	2.4GHz: 802.11 b/g/n SHA256RSA data encryption Network commissioning through iOS/Android app Program and system settings stored on the device for set up and function – with or without WiFi
Compatible With	Universal compatibility with forced air, gas, oil and electric furnaces up to 2h/1c and heat pump systems with or without aux/emergency heat. Power with C-wire or LUX Power Bridge (included)
Not Compatible With	120V/240V line voltage systems 2-wire heat
Packaging	Master Carton: 4 Units UPC: 0 21079 17022 7

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LUX GEO

WiFi Thermostat

GEO-WH   UPC 0 21079 15001 4
GEO-BL   UPC 0 21079 15002 1

POWER WITH BATTERY-ONLY, C-WIRE OR LUX POWER BRIDGE

PRO 5-YEAR WARRANTY

Smart Features
- Geofencing: Home & Away Aware™
- Smart Scheduling: Utility cost estimated
- Smart tips: For savings & seasonality tips
- IAQ Fan: works with LUX airSMART IAQ
- Reporting: Energy & run time usage
- Apps: iOS & Android

System
- Universal for conventional heat & A/C up to 2h/2c
- Heat Pumps: with up to 2h/1c including AUX/EMERG heat
- Hydronic systems: 2-wire heat only (hot water baseboard & radiator)
- Gas millivolt
- Power: C wire, LUX Power Bridge (included) & Battery only (2AA lithium)*

Product
- Color: GEO-WH: white   GEO-BL: piano black brushed metal accents
- Trim plate included
- 7-day programming on unit or via app
- Dual mount: vertical or horizontal
- Adjustable 2nd stage heat & cool offset
- Low battery detection

Connectivity
- Radio: WiFi certified 802.11 b/g/n
- Frequency: 2.4 GHz
- Encryption: SHA256RSA
- Platforms: Amazon Alexa enabled devices and google home

works with amazon alexa   works with the Google Assistant

Accessories
- Includes wall plate

easy-view 2 3/4" display with white LED back-light

program, set & control with comfortable wheel interface

SPECIFICATIONS   MODEL# GEO-WH & GEO-BL

Dimensions	(horizontal orientation) Height: 3.12" (79mm), Width: 5.7" (145mm) Depth: 1.32" (33mm)
Heat/Cool Terminals	RH, RC, B, W1, O, Y1, G, W2, C, Y2
Electrical Ratings	1.5 Amps per terminal @ 24Volts
Temperature Control Range	Control Range: 45°F to 90°F (7°C to 32°C) Display Range: 32°F to 99°F (0°C to 37°C) Temp differential: adjustable from ±0.25°F to 2.25°F accuracy ±1°F over range of 45°F to 90°F
Environmental Limits	Operating Limits: +14°F to 122°F (+10°C to 50°C) Storage Limits: +40°F to 140°F (+20°C to 60°C) Operating Humidity: 20% to 90% non-condensing Moisture and Dust: Up to IP20
WiFi Specifications	2.4GHz: 802.11 b/g/n SHA256RSA data encryption Network commissioning through iOS/Android app Program and system settings stored on the device or WPS for set up and function – with or without WiFi
Compatible With	Universal compatibility for conventional heat & A/C up to 2h/2c and heat pump systems with up to 2h/1c including AUX/EMERG heat. Hydronic systems of 2-wire heat only – (hot water baseboard & radiator) and gas millivolt heaters.
Not Compatible With	120V/240V line voltage systems
Packaging	Master Carton: 3 Units UPC: GEO-WH 0 21079 15001 4 GEO-BL 0 21079 15002 1

*works with Amazon Alexa enabled devices and google homw with C-wire or LUX Power Bridge.

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LUX GEOx

Smart Thermostat GEOx UPC 0 21079 16004 4
WITH HUMIDIFICATION/DE-HUMIDIFICATION CONTROL

PRO 5-YEAR WARRANTY

Smart Features
- Geofencing: Home & Away Aware™
- Smart Scheduling: Utility cost estimated
- Smart tips: For savings & seasonality tips
- Automatic communication with airSMART IAQ monitor (Foobot)
- Reporting: Energy & run time usage
- Apps: iOS & Android
- System run-time monitor

System
- Conventional heat & A/C up to 2h/2c
- Heat Pumps: up to 3h/2c Aux/Emergency heat and dual fuel systems with fossil fuel furnace back-up.
- Hydronic heat: when 24V system common (c-wire) is present.
- Power: C wire or LUX Power Bridge (sold separately: sku LPB-WPR-005).

Product
- Color: white with brushed metal finish accent
- Horizontal or vertical mounting
- H/DH dry-contacts for 3rd party equipment
- De-humidification options using A/C condensing unit
- Adjustable 2nd stage heat and cool offset
- 7-day programmable from unit or via app
- Air filter monitor
- Dual mount -horizontal/vertical

Connectivity
- Radio: WiFi certified 802.11 b/g/n
- Frequency: 2.4 GHz
- Encryption: SHA256RSA
- Platforms: Amazon Alexa enabled devices and google home

works with amazon alexa   works with the Google Assistant

Accessories
- Includes wall plate

Easy-view 2 3/4" display with white LED back-light, indoor temp & RH%

Program, set & control with comfortable wheel interface

SPECIFICATIONS MODEL# GEOx

Dimensions	(horizontal orientation) Height: 3.12" (79mm) Width: 5.7" (145mm) Depth: 1.32 (33mm)
Heat/Cool Terminals	R, Y1, Y2, G, W1, W2/O/B, C, U/U (for separate humidifier/de-humidifier)
Electrical Ratings	1.5 Amps per terminal @24Volts
Temperature Control Range	Control Range: 45°F to 90°F (72°C to 32°C) Display Range: 32°F to 99°F (0°C to 37°C) Temp differential: adjustable from ±0.25F to ±2.25F
Environmental Limits	Moisture and Dust: Up to IP20 Operating Limits: +14°F to 122°F (+10°C to 50°C) Operating Humidity: 20% to 90% non-condensing Storage Limits: +40°F to +140°F (-20°C to +60°C)
WiFi Specifications	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
Compatible With	For conventional heat & A/C up to 2h/2c. Heat pump universal compatibility up to 3h/2c including AUX/EMERG heat and duel fuel systems -with fossil fuel furnace back-up. Hydronic heating applications if 24V system common (c-wire) is present.
Not Compatible With	120V/240V line voltage systems. Gas millivolt heaters, gas fireplaces and other 2-wire heat applications.
Packaging	Master Carton: 5 Units UPC: 0 21079 16004 4

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Co-branding Program for HVAC Pros

Taking imprints to the next level; embed your logo in the LUX app!

1. Visit Pro.LuxProducts.com/co-branding to get started.

2. Fill out the online form and add your company logo

3. We'll send you a company code that gives you and your team access to upload your information every time you install a LUX GEO®, GEOx or KONO® Smart Pro Edition thermostat.
(iOS or android device friendly).

We know leaving your brand with customers is important, that's why we've created the LUX Co-branding program for HVAC Pros.
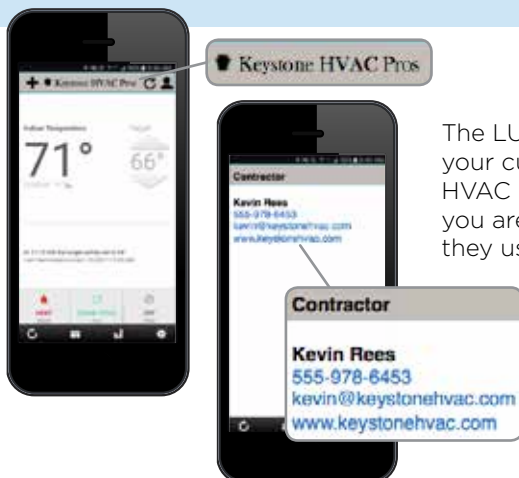
The LUX Co-branding program makes it easy for your customers to contact you when they need HVAC products or assistance – no guess work, you are on their wall or embedded in the LUX app they use every day!

Contractor
Kevin Rees
555-978-6453
kevin@keystonehvac.com
www.keystonehvac.com

get started at Pro.LuxProducts.com
questions? email contractor@luxproducts.com

*Co-branding the LUX app works with the LUX GEO, LUX GEOx and KONO Smart Pro Edition thermostat

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PF-CB18

LUX®

PROGRAMMABLE THERMOSTATS

The LUXPro line of thermostats delivers a 99.6% reliability rating and a full range of programmable stats for all your job and end user needs. From basic programmable features to the touchscreen P721UT model, the LUXPro line delivers, value, depth and savings.

The thermostats that give you flexibility and the capability to maximize your comfort and energy savings by inputting multiple settings per day. LUX Programmable Thermostats are programmed for the way you live.

the "go-to" value thermostat with programmable/non-programmable setting

7-Day • 5/2-Day
Programmable • Non-Programmable

Product Highlights

✓ All In-One Programmable / Non-Programmable

✓ Dual power

✓ Adjustable heating & cooling limits

✓ 5 year warranty

Product Features

- Easy installation
- Program 7-day, 5/2-day, or non-programmable
- Easy-view back light
- Optional wall plate model#WP567
- User option: 2 or 4 periods per day
- Keypad lock for unauthorized use
- Temporary override and manual hold
- Dual powered (2AA) Alkaline Batteries (included)
- Temporary compressor protection bypass
- 5/2 minute selectable time delay for equipment protection
- User temperature calibration
- Display option: fahrenheit or celsius temperature
- Adjustable heating and cooling limits
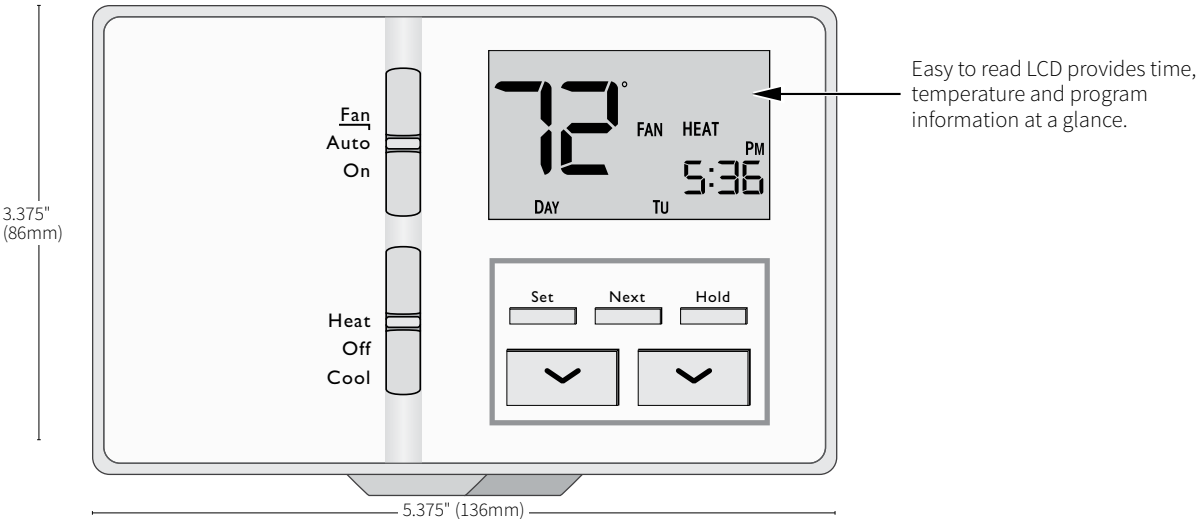- Adjustable temperature differential/swing

Installation

Compatible With
- For most 24V heating and A/C systems
- 1-heat/1-cool: gas, oil, electric or single stage heat pump systems (with no AUX/EMERG heat)
- 2-wire hydronic systems (hot water baseboard & radiator)
- Gas Millivolt heaters (wall heaters/furnaces & gas fireplaces)

Not Compatible With
- Multi-stage heating and AC systems
- Multi-stage heat pumps
- 3-wire hydronic zone valve systems
- 120V/240V line voltage systems (without transformer)

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⬇ Download Spec Sheet

Easy to read LCD provides time, temperature and program information at a glance.

Dimensions	5.375" (136mm) wide x 3.375" (86mm) tall x 1.25" (33mm) deep
Heat/Cool Terminals	RH, RC, W, Y, G, C, O/B (solid pin for 24v and Millivolt systems)
Electrical Ratings	1.5 Amps per terminal at 24 volts
Temperature Control Range	▪ Temp control 45°F to 90°F (7°C to 32°C) ▪ Display range: 23°F to 99°F (-5°C to 37°C) ▪ Temperature differential: adjustable from 0.25°F to 2.25°F *Accuracy: ±1°F over a range of 45°F to 95°F.*
Environmental Limits	▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 90% non-condensating ▪ Operating temperature: 14°F to 112°F (-10°C to 40°C) ▪ Storage temperature: -4°F to 140°F (-20°C to 60°C) ▪ Electrical Immunity: meets relevant EMI/EMC specifications
Compatible With	▪ For most 24V heating and A/C systems ▪ 1-heat/1-cool: gas, oil, electric or single stage heat pump systems ▪ 2-wire hydronic systems (hot water baseboard & radiator) ▪ Gas Millivolt heaters (wall heaters/furnaces & gas fireplaces)
Not Compatible With	▪ Multi-stage heating & AC systems ▪ Multi-stage heat pumps ▪ 3-wire hydronic zone valve systems ▪ Line voltage systems (120/240 VAC)
Packaging	▪ Master Carton: 10 units ▪ UPC: 0 21079 14711 3

Project Name

Date

Contractor / Engineer

Location

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LUXPRO®

It's our P711 but for vertical mount installations

7-day • 5/2-day

Programmable • Non-Programmable

Product Highlights

✔ All in-one programmable/ non-programmable

✔ Dual powered

✔ Adjustable heating and cooling limits

✔ 5 year warranty

Product Features

- Easy installation
- Program 7-day, 5/2-day, or non-programmable
- Easy-view back light
- Optional wall plate #WP567
- User option: 2 or 4 periods per day
- Keypad lock for unauthorized use
- Temporary override and manual hold
- Dual powered (2AA) Alkaline Batteries (included)
- Temporary Compressor protection bypass
- 5/2 minute selectable time delay for equipment protection
- User temperature calibration
- Display option: fahrenheit or celsius temperature
- Adjustable heating and cooling limits
- Adjustable temperature differential/swing
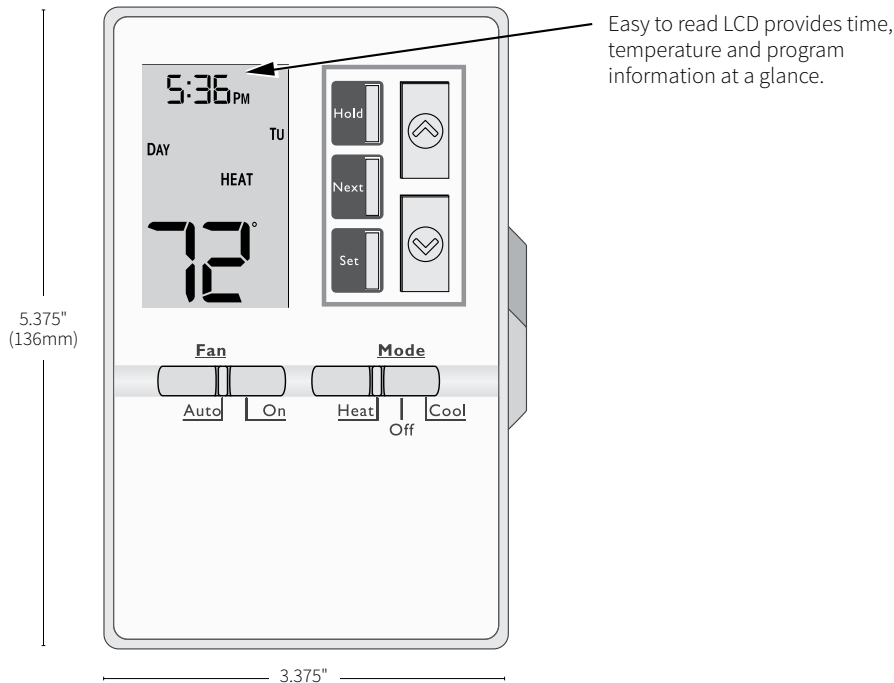- Vertical mount installation

Installation

Compatible With
- For most 24V heating and A/C systems
- 1-heat/1-cool: gas, oil, electric or single stage heat pump systems
- 2-wire heat only hydronic systems (hot water baseboard & radiator)
- Millivolt systems (wall heaters/furnaces & gas fireplaces)

Not Compatible With
- Multi-stage heating & AC systems
- Multi-stage heat pumps
- 3-wire hydronic zone valve systems
- 120V/240V line voltage systems (without transformer)

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⬇ Download Spec Sheet

Easy to read LCD provides time, temperature and program information at a glance.

5.375"
(136mm)

3.375"

Dimensions	5.375" (136mm) wide x 3.375" (86mm) tall x 1.25" (32mm) deep
Heat/Cool Terminals	RH, RC, W, Y, G, C, O/B (solid pins for 24v and Millivolt systems)
Electrical Ratings	1.5 Amps per terminal at 24 volts
Temperature Control Range	■ Temp control 45°F to 90°F (7°C to 32°C) ■ Display range: 23°F to 99°F (-5°C to 37°C) ■ Temperature Differential: adjustable from ±0.25°F to ±2.25°F *Accuracy ±1°F over a range of 45°F to 90°F.*
Environmental Limits	■ Moisture and Dust: meets IP20 ■ Operating Humidity: 20% to 90% (non-condensating) ■ Operating temperature: 14°F to 114°F (-10°C to 45°C) ■ Storage temperature: -4°F to 140°F (-20°C to 60°C) ■ Electrical Immunity: meets relevant EMI/EMC specifications
Compatible With	■ For most 24V heating and A/C systems ■ 1-heat/1-cool: gas, oil, electric or single stage heat pump systems ■ 2-wire heat only hydronic systems (hot water baseboard & radiator) ■ Millivolt systems (wall heaters/furnaces & gas fireplaces)
Not Compatible With	■ Multi-stage heating & AC systems ■ Multi-stage heat pumps ■ 3-wire hydronic zone valve systems ■ Line voltage systems (120/240 VAC)
Packaging	■ Master Carton: 10 units ■ UPC: 0 21079 15711 2

Project Name

Date

Contractor / Engineer

Location

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LUXPRO®

Feature rich programmable/non-programmable all-in-one thermostat

7-day • 5/2-day
Programmable • Non-Programmable

Product Highlights

✓ All in-one programmable/ non-programmable

✓ 2-heat/1-cool heating & AC

✓ Dual powered

✓ Adjustable heating and cooling limits

✓ 5 year warranty

✓ Adjustable 2nd stage heat offset

Product Features

- Easy installation
- Program 7-day, 5/2-day, or non-programmable
- Easy-view back light
- Optional wall plate model #WP567
- User option: 2 or 4 periods per day
- Keypad lock for unauthorized use
- Temporary override and manual hold
- Dual powered (2AA) Alkaline Batteries (included)
- Temporary Compressor protection bypass
- 5/2 minute selectable time delay for equipment protection
- User temperature calibration
- Adjustable heating and cooling limits
- Display option: fahrenheit or celsius temperature
- Adjustable temperature differential/swing
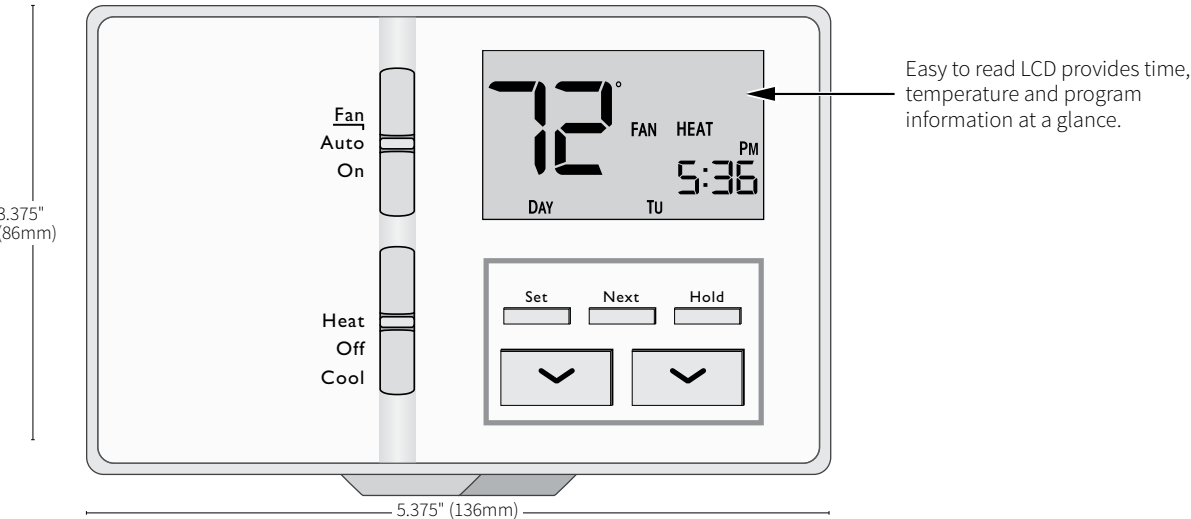- Conventional heat & heat pump

Installation

Compatible With
- For most 24V heating and A/C systems
- 2-heat/1-cool: gas, oil, or electric systems (Non-heat-pumps)
- 2-wire heat only hydronic systems (hot water baseboard & radiator)
- Millivolt systems (wall heaters/furnaces & gas fireplaces)

Not Compatible With
- Heat pump systems
- 3-wire hydronic zone valve systems
- 120V/240V line voltage systems (without transformer)

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Easy to read LCD provides time, temperature and program information at a glance.

Dimensions	5.375" (136mm) wide x 3.375" (86mm) tall x 1.25" (32mm) deep
Heat/Cool Terminals	RH, RC, W, Y, G, C, W2 (solid pins for 24v and Millivolt systems)
Electrical Ratings	1.5 Amps per terminal at 24 volts
Temperature Control Range	▪ Temp control 45°F to 90°F (7°C to 32°C) ▪ Display range: 23°F to 99°F (-5°C to 37°C) ▪ Temperature Differential: adjustable from ±0.25°F to ±2.25°F *Accuracy ±1°F over a range of 45°F to 90°F.*
Environmental Limits	▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 90% (non-condensating) ▪ Operating temperature: 14°F to 114°F (-10°C to 45°C) ▪ Storage temperature: -4°F to 140°F (-20°C to 60°C) ▪ Electrical Immunity: meets relevant EMI/EMC specifications
Compatible With	▪ For most 24V heating and A/C systems ▪ 2-heat/1-cool: gas, oil, or electric systems (Non-heat-pumps) ▪ 2-wire heat only hydronic systems (hot water baseboard & radiator) ▪ Millivolt systems (wall heaters/furnaces & gas fireplaces)
Not Compatible With	▪ Heat pump systems ▪ 3-wire hydronic zone valve systems ▪ Line voltage systems (120/240 VAC)
Packaging	▪ Master Carton: 10 units ▪ UPC: 0 21079 14721 2

Project Name

Date

Contractor / Engineer

Location

LUXPRO®

Feature rich programmable/non-programmable all-in-one thermostat

5/2-day
Programmable • Non-Programmable

Product Highlights

✔ All In-One Programmable / Non-Programmable

✔ Universal heat pump & conventional heat / cool

✔ Dual power

✔ 5 year warranty

✔ Adjustable 2nd stage heat offset

Product Features

- Easy installation
- Program 5/2-day or non-programmable
- Easy-view back light
- Optional wall plate model #WP567
- User option: 2 or 4 periods per day
- Keypad lock for unauthorized use
- Temporary override and manual hold
- Dual powered (2AA) Alkaline Batteries (included)
- Temporary compressor protection bypass
- 5/2 minute selectable time delay for equipment protection
- User temperature calibration
- Display option: fahrenheit or celsius temperature
- Adjustable heating and cooling limits
- Speed Slide® for easy programming
- Air filter monitor
- Selectable smart recovery
- AM/PM clock or military time option
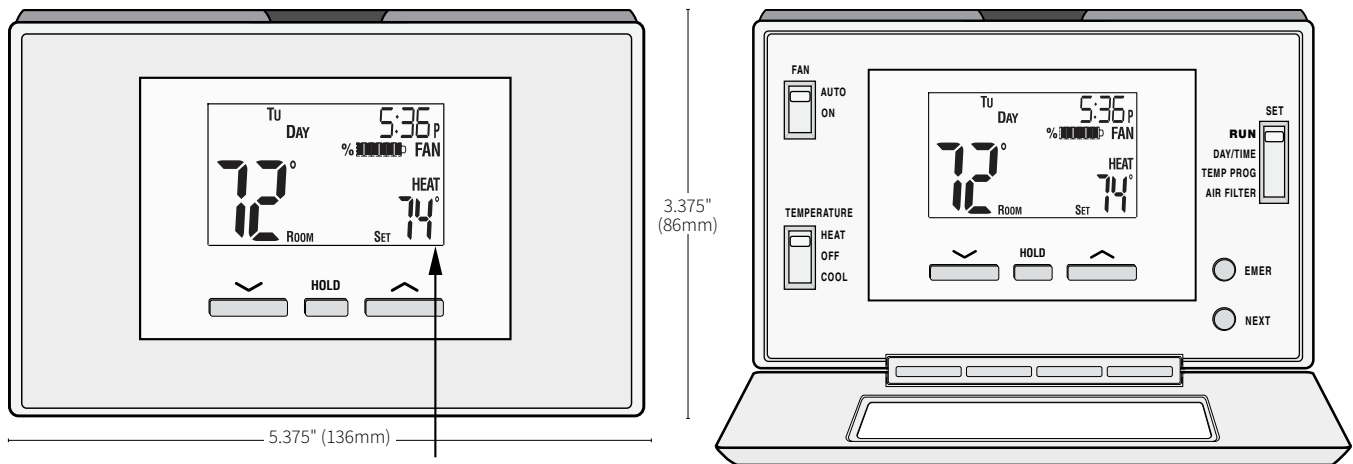- Adjustable temperature differential/swing

Installation

Compatible With
- Universal compatibility for conventional heat & A/C
- Universal compatibility for heat pumps with up to 2-stage heat/1 stage cool (including AUX/EMERG heat)
- 2 and 3-wire hydronic systems (hot water baseboard & radiator)
- Gas Millivolt heaters (wall heaters / furnace & gas fireplaces)

Not Compatible With
- 120V/240V line voltage systems (without transformer)

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3.375"
(86mm)

5.375" (136mm)

Easy to read LCD provides time,
temperature and program information at a glance.

Dimensions	5.375" (136mm) wide x 3.375" (86mm) tall x 1.125" (28mm) deep
Heat/Cool Terminals	O, B, G, Y, RC, RH, W1, A, W2, C (solid pins for 24v and Millivolt systems)
Electrical Ratings	1.5 Amps per terminal at 24 volts
Temperature Control Range	▪ Temp control 45°F to 90°F (7°C to 32°C) ▪ Display range: 23°F to 99°F (-5°C to 37°C) ▪ Temperature Differential: adjustable from ±0.25°F to ±2.25°F *Accuracy ±1°F over a range of 45°F to 90°F.*
Environmental Limits	▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 90% (non-condensating) ▪ Operating temperature: 14°F to 122°F (-10°C to 50°C) ▪ Storage temperature: -4°F to 140°F (-20°C to 60°C) ▪ Electrical Immunity: meets relevant EMI/EMC specifications
Compatible With	▪ Universal compatibility for conventional heat & A/C ▪ Universal compatibility for heat pumps with up to 2-stage heat/1 stage cool (including AUX/EMERG heat) ▪ 2 and 3-wire hydronic systems (hot water baseboard & radiator) ▪ Gas Millivolt heaters (wall heaters / furnace & gas fireplaces)
Not Compatible With	▪ Line voltage systems (120/240 VAC)
Packaging	▪ Master Carton: 10 units ▪ UPC: 0 21079 125210

Project Name

Date

Contractor / Engineer

Location

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Feature rich programmable/non-programmable all-in-one thermostat

5/1/1-day
Programmable • Non-Programmable

Product Highlights

✓ All In-One Programmable / Non-Programmable

✓ Universal heat pump & conventional heat / cool

✓ Dual power

✓ 5 year warranty

✓ Adjustable 2nd stage heat offset

Product Features

- Easy installation
- Program 5/1/1-day or non programmable
- Easy-view back light
- Optional wall plate model #WP567
- User option: 2 or 4 periods per day
- Keypad lock for unauthorized use
- Temporary override and manual hold
- Dual powered (2AA) Alkaline Batteries (included)
- Temporary compressor protection bypass
- 5/2 minute selectable time delay for equipment protection
- User temperature calibration
- Display option: fahrenheit or celsius temperature
- Adjustable heating and cooling limits
- Speed Slide® for easy programming
- Graphical air filter monitor
- Selectable smart recovery
- AM/PM clock or military time option
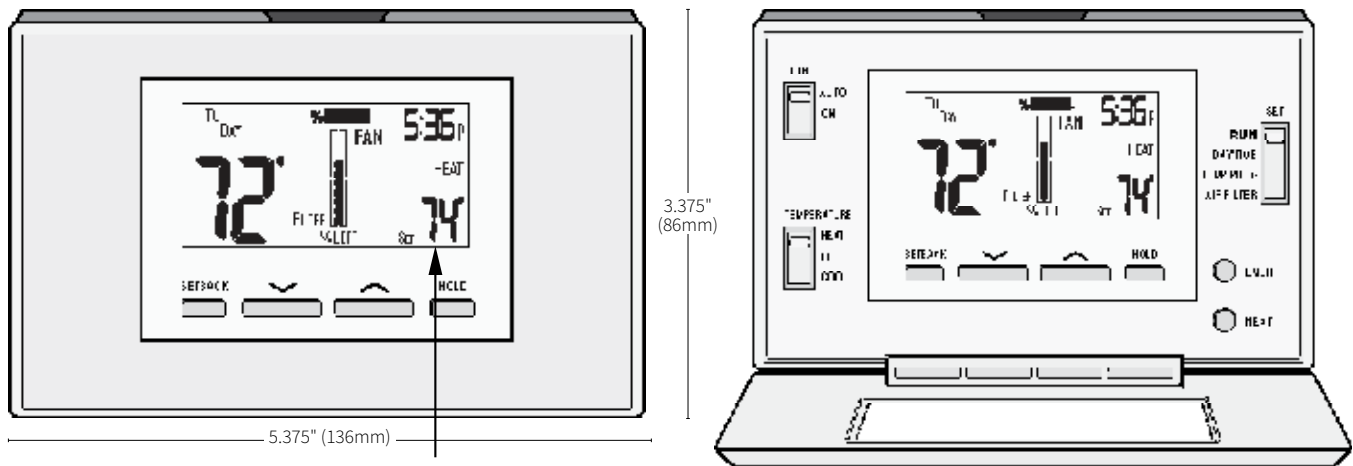- Adjustable temperature differential/swing

Installation

Compatible With
- Universal compatibility for conventional heat & A/C
- Universal compatibility for heat pumps with up to 2-stage heat/1 stage cool (including AUX/EMERG heat)
- 2 and 3-wire hydronic systems (hot water baseboard & radiator)
- Gas Millivolt heaters (wall heaters/furnaces & gas fireplaces)

Not Compatible With
- Line voltage systems (120/240 VAC)

⬇ Download Spec Sheet

3.375"
(86mm)

5.375" (136mm)

Easy to read LCD provides time,
temperature and program information at a glance.

Dimensions	5.375" (136mm) wide x 3.375" (86mm) tall x 1.125" (28mm) deep
Heat/Cool Terminals	O, B, G, Y, RC, RH, W1, A, W2, C (solid pins for 24v and Millivolt systems)
Electrical Ratings	1.5 Amps per terminal at 24 volts
Temperature Control Range	▪ Temp control 45°F to 90°F (7°C to 32°C) ▪ Display range: 23°F to 99°F (-5°C to 37°C) ▪ Temperature Differential: adjustable from ±0.25°F to ±2.25°F *Accuracy ±1°F over a range of 45°F to 90°F.*
Environmental Limits	▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 90% (non-condensating) ▪ Operating temperature: 14°F to 122°F (-10°C to 50°C) ▪ Storage temperature: -4°F to 140°F (-20°C to 60°C) ▪ Electrical Immunity: meets relevant EMI/EMC specifications
Compatible With	▪ Universal compatibility for conventional heat & A/C ▪ Universal compatibility for heat pumps with up to 2-stage heat/ 1 stage cool (including AUX/EMERG heat) ▪ 2 and 3-wire hydronic systems (hot water baseboard & radiator) ▪ Gas Millivolt heaters (wall heaters/furnaces & gas fireplaces)
Not Compatible With	▪ Line voltage systems (120/240 VAC)
Packaging	▪ Master Carton: 10 units ▪ UPC: 0 21079 12621 7

Project Name

Date

Contractor / Engineer

Location

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LUXPRO®

Feature rich programmable/non-programmable all-in-one thermostat

7-day
Programmable • Non-Programmable

Product Highlights

✓ All In-One Programmable / Non-Programmable

✓ Universal heat pump & conventional heat/cool

✓ Dual power

✓ 5 year warranty

✓ Adjustable 2nd stage heat offset

Product Features

- Easy installation
- Program 7-day or non-programmable
- Special-day programming
- Easy-view back light
- Optional wall plate model #WP567
- User option: 2 or 4 periods per day
- Programmable keypad lockout
- Temporary override and manual hold
- Dual powered (2AA) Alkaline Batteries (included)
- Temporary compressor protection bypass
- 5/2 minute selectable time delay for equipment protection
- User temperature calibration
- Display option: fahrenheit or celsius temperature
- Adjustable heating and cooling limits
- Speed Slide® for easy programming
- Air filter monitor
- Selectable smart recovery
- AM/PM clock or military time option
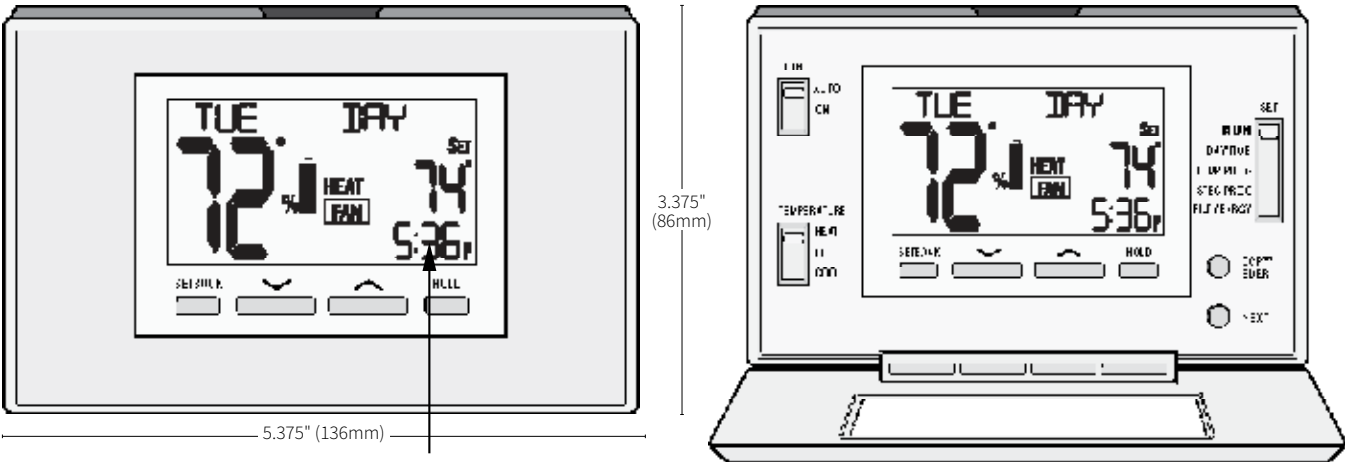- Adjustable temperature differential/swing

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 2-stage heat/1 stage cool (including AUX/EMERG heat)
- 2 and 3-wire hydronic systems (hot water baseboard & radiator)
- Gas millivolt heaters

Not Compatible With
- Line voltage systems (120/240 VAC)

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⬇ Download Spec Sheet

3.375"
(86mm)

5.375" (136mm)

Easy to read LCD provides time,
temperature and program information at a glance.

Dimensions	5.375" (136mm) wide x 3.375" (86mm) tall x 1.125" (28mm) deep
Heat/Cool Terminals	G, Y1, RC, RH, W1, A, Y2, O, B ,W2, C (solid pins for 24v and Millivolt systems)
Electrical Ratings	1.5 Amps per terminal at 24 volts
Temperature Control Range	▪ Temp control 45°F to 90°F (7°C to 32°C) ▪ Display range: 23°F to 99°F (-5°C to 37°C) ▪ Temperature Differential: adjustable from ±0.25°F to ±2.25°F *Accuracy ±1°F over a range of 45°F to 90°F.*
Environmental Limits	▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 90% (non-condensating) ▪ Operating temperature: 14°F to 122°F (-10°C to 50°C) ▪ Storage temperature: -4°F to 140°F (-20°C to 60°C) ▪ Electrical Immunity: meets relevant EMI/EMC specifications
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 2-stage heat/1 stage cool (inlcuding AUX/EMERG heat) ▪ 3-wire heat only hydronic systems (hot water) zone valves ▪ Gas Millivolt heaters
Not Compatible With	▪ Line voltage systems (120/240 VAC)
Packaging	▪ Master Carton: 10 units ▪ UPC: 0 21079 12722 1

Project Name

Date

Contractor / Engineer

Location

LUXPRO

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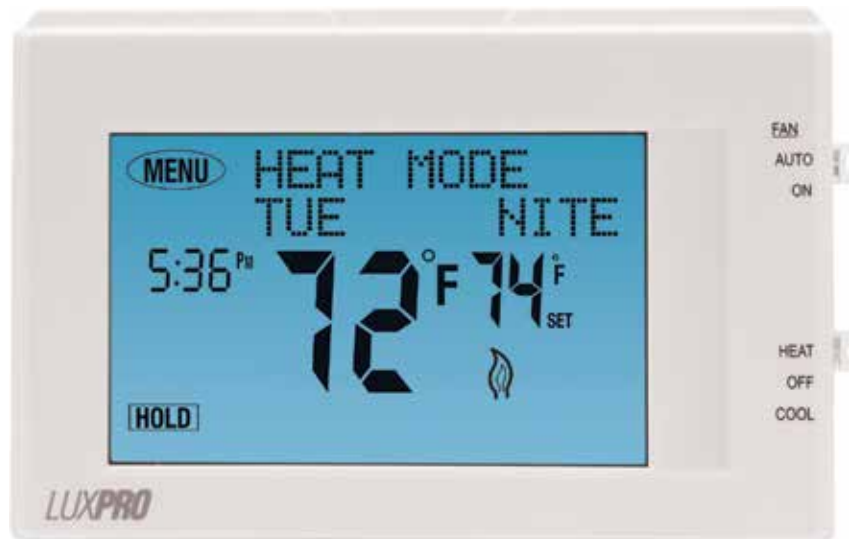
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LUXPRO®

A deluxe, touch screen feature rich thermostat - easy to customize settings

7-day
Programmable • Non-Programmable

Product Highlights

✓ All In-One Programmable / Non-Programmable

✓ Universal heat pump & conventional heat / cool

✓ Dual power

✓ 5 year warranty

✓ Adjustable 2nd stage heat offset

Product Features

- Easy installation
- Program 7-day or non-programmable
- Easy-view back light
- Optional wall plate model #WP567
- User option: 2 or 4 periods per day
- Programmable keyboard lock
- Temporary override and manual hold
- Dual powered (2AA) Alkaline Batteries (included)
- Temporary compressor protection bypass
- 5/2 minute selectable time delay for equipment protection
- User temperature calibration
- Display option: fahrenheit or celsius temperature
- Adjustable heating and cooling limits
- Air filter monitor
- Selectable smart recovery
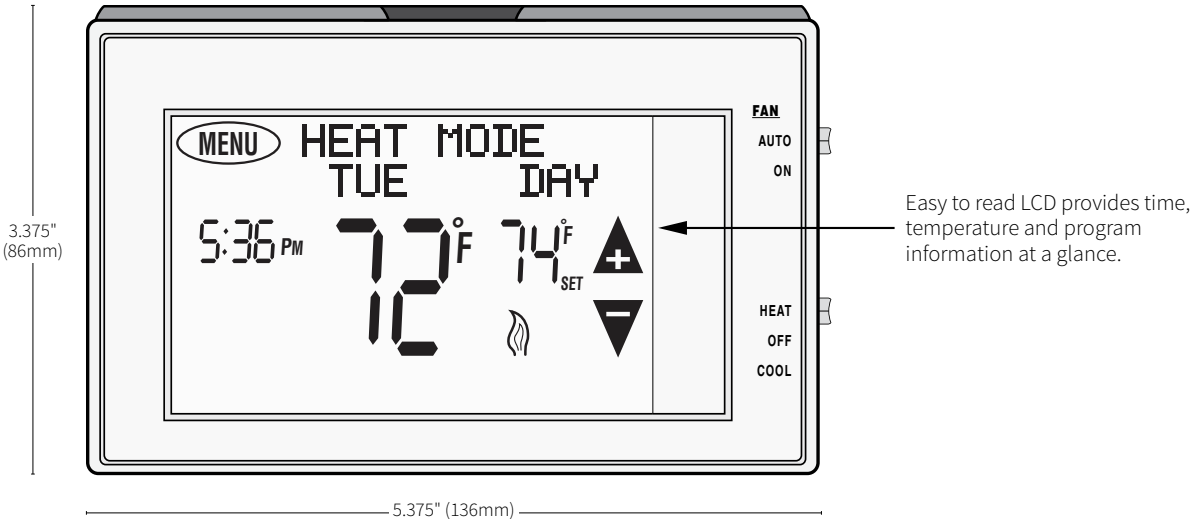- AM/PM clock or military time option

Installation

Compatible With
- Universal compatibility for conventional heat & A/C
- Universal compatibility for heat pumps with up to 2-stage heat/1 stage cool (including AUX/EMERG heat)
- 2 and 3-wire hydronic systems (hot water baseboard & radiator)
- Gas Millivolt heaters (wall heaters/furnaces & gas fireplaces)

Not Compatible With
- Line voltage systems (120/240 VAC)

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3.375"
(86mm)

HEAT MODE
TUE   DAY

MENU

5:36 PM 72 °F 74 °F SET

FAN
AUTO
ON

HEAT
OFF
COOL

Easy to read LCD provides time, temperature and program information at a glance.

5.375" (136mm)

Dimensions	5.375" (136mm) wide x 3.375" (86mm) tall x 1.125" (28mm) deep
Heat/Cool Terminals	G, B, O, Y, RC, RH, W2, A, W1, C (solid pins for 24v and Millivolt systems)
Electrical Ratings	1.5 Amps per terminal at 24 volts
Temperature Control Range	▪ Temp control 45°F to 90°F (7°C to 32°C) ▪ Display range: 23°F to 99°F (-5°C to 37°C) ▪ Temperature Differential: adjustable from ±0.25°F to ±2.25°F *Accuracy ±1°F over a range of 45°F to 90°F.*
Environmental Limits	▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 90% (non-condensating) ▪ Operating temperature: 14°F to 122°F (-10°C to 50°C) ▪ Storage temperature: -4°F to 140°F (-20°C to 60°C) ▪ Electrical Immunity: meets relevant EMI/EMC specifications
Compatible With	▪ Universal compatibility for conventional heat & A/C ▪ Universal compatibility for heat pumps with up to 2-stage heat/ 1 stage cool (including AUX/EMERG heat) ▪ 2 and 3-wire hydronic systems (hot water baseboard & radiator) ▪ Gas Millivolt heaters (wall heaters/furnaces & gas fireplaces)
Not Compatible With	▪ Line voltage systems (120/240 VAC)
Packaging	▪ Master Carton: 10 units ▪ UPC: 0 21079 13960 6

Project Name

Date

Contractor / Engineer

Location

LUXPRO

Heating & Cooling Programmable Outlet Thermostat

5/2-day Programmable
Programmable • Non-Programmable

Product Highlights

✓ Programmable outlet thermostat allows control of window air conditioning units and portable space heaters.

✓ Temperature control adjustable.

✓ Plugs into normal 120 volt, 15 amp electrical outlet.

✓ ETL listed.

Product Features

- Designed for Window Air Conditioners and Portable Space Heaters - 120 Volt 15A Units
- Easy-to-Use Lux Speed Dial®
- 5/2 Programming - Weekdays and Weekends Can Be Programmed Differently
- Armchair Programmable
- Easy to Reprogram
- Separate Programs for Heating and Cooling
- Clean, Attractive Design
- Energy Star® Compliant
- ETL Approved
- Vertical Orientation
- Setting Range 45°F to 90°F (7°C to 32°C)
- F/C Selectable
- Temporary Temperature Override
- Manual Hold
- 12 Hour Clock Only
- User Temperature Calibration
- Adjustable Temperature Differential/Cycle Rate
- Mode Slide Switch
- Positive On/Off Switch
- 120VAC Outlet Powered
- 2 G13A Size 1.5V Alkaline Batteries Included (for clock only)
- Battery Free Memory Storage
- 5 Minute Compressor Delay
- Time and Temperature Alternate in Display
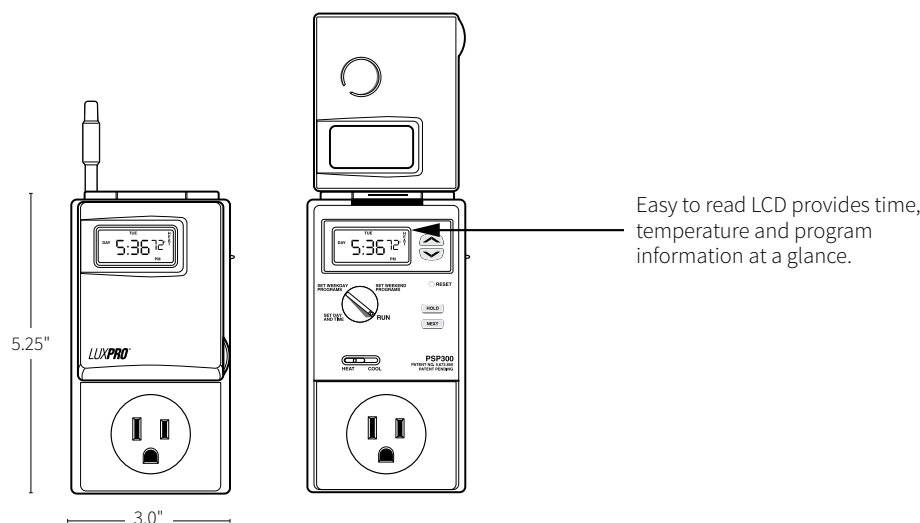- On-Screen Low Battery Indicator
- Soft Touch Buttons

Installation

Compatible With

- All mechanically controlled: 120Volt, 15 Amp, 60 Hz, window air conditioning units and portable space heaters.
- It is also compatible with electronically controlled: 120Volt, 15 Amp, 60 Hz, window air conditioning units that have automatic restart of cooling after power resumption**.

Not Compatible With

- It cannot be used with electronically controlled space heaters, or window air conditioning units that do not have automatic restart of cooling after power resumption**.
- In addition, it cannot be used with conventional 24 Volt heating/cooling systems, hydronic systems, or heat pumps.

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⬇ Download Spec Sheet

Easy to read LCD provides time, temperature and program information at a glance.

5.25"

3.0"

Dimensions	3.0" (76mm) wide x 5.25" (133mm) tall x 2.75" (70mm) deep Unit Total / 1.80" (48mm) depth - when plugged in.
Electrical Ratings	Unit is directly powered by the 120V outlet. (2) 1.5V G13 akaline button cell batteries (included) are for maintaining the clock only.
Temperature Control Range	▪ Temp control 45° F to 90° F (7° to 32° C) *accuracy +- 1° over a range of 45° F to 90° F.*
Environmental Limits	▪ 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: -4°F to 140°F (-20°C to 60°C) ▪ Electrical Immunity: meets relevant EMI/EMC specifications
Compatibile With	▪ All mechanically controlled: 120Volt, 15 Amp, 60 Hz, window air conditioning units and portable space heaters. ▪ It is also compatible with electronically controlled: 120Volt, 15 Amp, 60 Hz, window air conditioning units that have automatic restart of cooling after power resumption**.
Not Compatibile With	▪ It cannot be used with electronically controlled space heaters, or window air conditioning units that do not have automatic restart of cooling after power resumption**. ▪ In addition, it cannot be used with conventional 24 Volt heating/cooling systems, hydronic systems, or heat pumps.
Packaging	▪ Master Carton: ▪ UPC:

** **NOTE:** Electronically controlled units can usually be identified by their digital readout. To learn whether a particular model offers automatic restart of cooling or heating after power resumption, refer to their manual or manufacturer.

Project Name _____   Date _____

Contractor / Engineer _____   Location _____

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Contractor grade – when basic features and great value are the requirements

5/2-day Programmable
Programmable • Non-Programmable

Product Highlights

✓ Programmable

✓ Dual powered: system or battery

✓ Pre-programed adjustable settings

✓ 5 year warranty

Product Features

- Easy installation
- Programmable 5/2-day
- Optional wall plate model# WP511C
- Keypad lockout
- Dual powered (2AA) Alkaline Batteries (included)
- Temporary temperature override & manual hold
- 5-minute A/C compressor delay
- Display option: fahrenheit or celsius temperature
- Separate heating & cooling programs
- Easy reprogram with Lux speed dial®
- Programmable air filter timer with change indicator
- Battery free memory storage
- Low battery indicator
- AM/PM clock or military time option
- Adjustable temperature differential

Installation

Compatible With
- For most 24V heating and A/C systems
- 1-heat/1-cool: gas, oil, electric or single stage heat pump systems
- 2-wire hydronic systems & hydronic air handling systems
- Millivolt systems (wall heaters/furnaces & gas fireplaces)

Not Compatible With
- Multi-stage heat pumps
- Multi-stage gas or oil furnaces
- 3-wire hydronic systems
- 120V/240V line voltage systems (without transformer)

⬇ Download Spec Sheet

Easy to read LCD provides time, temperature and program information at a glance.

3.2" (80mm)

4.9" (125mm)

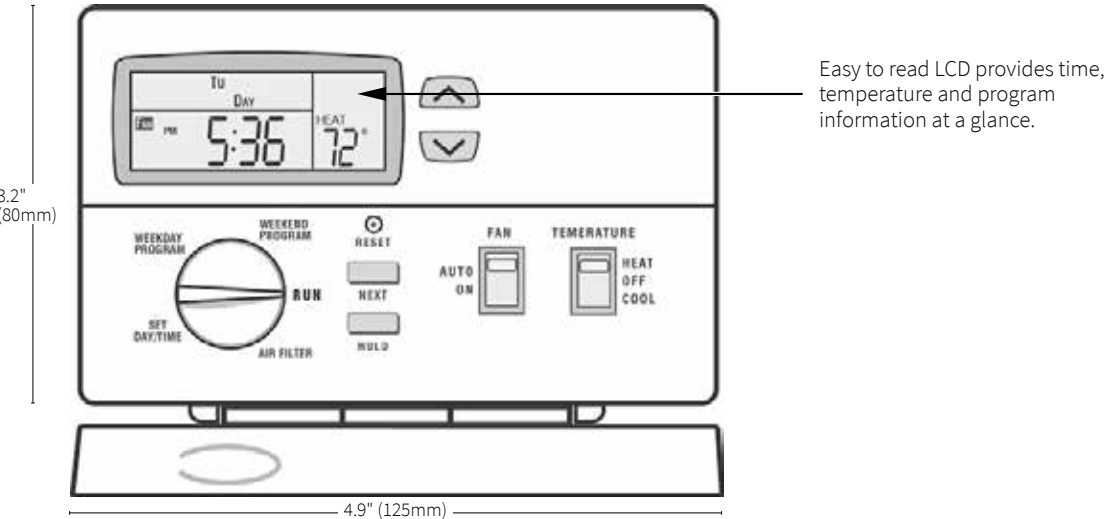| Dimensions	4.9" (125mm) wide x 3.2" (80mm) tall x 1.3" (33mm) deep
Heat/Cool Terminals	RH, RC, Y, W, G, C, O, B (solid pins)
Electrical Ratings	1.5 AMPS at 24 VAC
Temperature Control Range	▪ Temp control 45° F to 90° F (7° to 32° C) ▪ Display range: 23° F to 99° F (-5° C to 37° C) ▪ Temp differential: adjustable from .25° F to 2.25° F *accuracy +- 1° over a range of 45° F to 90° F.*
Environmental Limits	▪ 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: -4°F to 140°F (-20°C to 60°C) ▪ Electrical Immunity: meets relevant EMI/EMC specifications
Compatibile With	▪ For most 24V heating and A/C systems ▪ 1-heat/1-cool: gas, oil, electric or single stage heat pump systems ▪ 2-wire hydronic systems & hydronic air handling systems ▪ Millivolt systems (wall heaters/furnaces & gas fireplaces)
Not Compatibile With	▪ Multi-stage heat pumps ▪ Multi-stage gas or oil furnaces ▪ 3-wire hydronic systems ▪ 120V/240V line voltage systems (without transformer)
Packaging	▪ Master Carton: Master Carton: 10 units ▪ UPC:

Project Name

Date

Contractor / Engineer

Location

LUXPRO®

Contractor grade – when basic features and great value are the requirements

5/2-day Programmable
Programmable • Non-Programmable

Product Highlights

✓ Programmable

✓ Dual powered: system or battery

✓ Pre-programed adjustable settings

✓ 5 year warranty

Product Features

- Easy installation
- Programmable 5/2-day
- Easy-view back light
- Optional wall plate model# WP511C
- Keypad lockout
- Dual powered (2AA) Alkaline Batteries (included)
- Temporary temperature override & manual hold
- 5-minute A/C compressor delay
- Display option: fahrenheit or celsius temperature
- Separate heating & cooling programs
- Easy reprogram with Lux speed dial®
- Programmable air filter timer with change indicator
- Battery free memory storage
- Low battery indicator
- AM/PM clock or military time option
- Adjustable temperature differential

Installation

Compatible With
- For most 24V heating and A/C systems
- 1-heat/1-cool: gas, oil, electric or single stage heat pump systems
- 2-wire hydronic systems & hydronic air handling systems
- Millivolt systems (wall heaters/furnaces & gas fireplaces)

Not Compatible With
- Multi-stage heat pumps
- Multi-stage gas or oil furnaces
- 3-wire hydronic systems
- 120V/240V line voltage systems (without transformer)

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⬇ Download Spec Sheet

SPECIFICATIONS

Easy to read LCD provides time, temperature and program information at a glance.

Dimensions	4.9" (125mm) wide x 3.2" (80mm) tall x 1.3" (33mm) deep
Heat/Cool Terminals	RH, RC, Y, W, G, C, O, B (solid pins)
Electrical Ratings	1.5 AMPS at 24 VAC
Temperature Control Range	▪ Temp control 45° F to 90° F (7° to 32° C) ▪ Display range: 23° F to 99° F (-5° C to 37° C) ▪ Temp differential: adjustable from .25° F to 2.25° F *accuracy +- 1° over a range of 45° F to 90° F.*
Environmental Limits	▪ 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: -4°F to 140°F (-20°C to 60°C) ▪ Electrical Immunity: meets relevant EMI/EMC specifications
Compatibile With	▪ For most 24V heating and A/C systems ▪ 1-heat/1-cool: gas, oil, electric or single stage heat pump systems ▪ 2-wire hydronic systems & hydronic air handling systems ▪ Millivolt systems (wall heaters/furnaces & gas fireplaces)
Not Compatibile With	▪ Multi-stage heat pumps ▪ Multi-stage gas or oil furnaces ▪ 3-wire hydronic systems ▪ 120V/240V line voltage systems (without transformer)
Packaging	▪ Master Carton: Master Carton: 10 units ▪ UPC: 0 21079 05511 1

Project Name

Date

Contractor / Engineer

Location

LUXPRO®

Digital Thermostat offers programmable control of single stage heating and cooling systems. Temperature control adjustable.

7-day Programmable
Programmable • Non-Programmable

Product Highlights

✔ The Clean Cycle Advantage Helps Filter Allergens, Dust and Pet Dander, Circulates Air in Home, Helps Improve Indoor Air Quality

✔ Autochangeover

✔ Fully Programmable IAQ Clean Cycle™ (Patent Pending) Intermittent Fan

✔ Programmable Auto Changeover Dead-Band (1°F to 6°F)

Product Features

- 7 Day Programming – 4 Periods Per Day
- Easy Programming with Lux Speed Dial®
- Dual Power – System or Battery Powered with Battery Free Memory Storage
- Programmable Filter Timer with Change Filter Indicator
- Temporary Override is CAT24 Compliant
- Vacation Override
- Adjustable 2 or 5 Minute A/C Compressor Delay
- Energy Usage Monitor
- EL (Electro Luminescent) Back Light Display
- Mode and Fan Slide Switch
- Optional Early Recovery
- Energy Star Compliant
- Batteries Included
- 1-Year Warranty
- F/C Selectable
- 12/24 Hr Clock
- Temperature Calibration
- Adjustable Temperature Differential/Cycle Rate (.25 - 2.25)
- Programming Copy Button
- Keyboard Lockout
- Speed Dial® Reprogramming
- High Efficiency Systems
- Contractor Grade
- On-Screen Low Battery Indicator
- Soft Touch Buttons
- Default Energy Star Approved Program
- Separate Temperature for Heating & Cooling
- Hold Constant Temperature Override
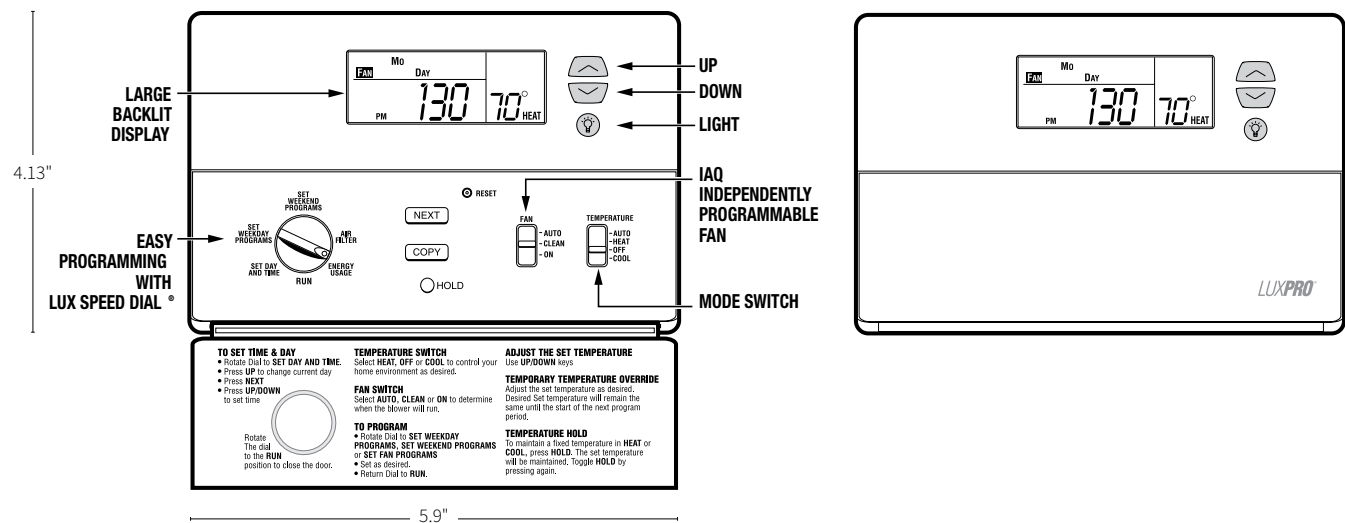- Audible Keypad Entry Response

Installation

Compatible With
- 1 Stage Heat/1 Stage Cool Heating and Air Conditioning
- Systems, Gas, Oil or Electric Heating Systems
- Low Voltage (24 Volt) Systems
- Single Stage Heat Pumps
- 2 Wire Hydronic Systems

Not Compatible With
- Multi-Stage Heat Pumps
- Multi-Stage Gas, Oil or Electric Furnaces
- 3 Wire Hydronic System
- Line Voltage System (without transformer)

Download Spec Sheet

Dimensions	5.90" (150mm) wide x 4.13" (105mm) tall x 1.18" (30mm) deep Wall plate: 6.5" (165mm) x 4.33" (110mm)
Heat/Cool Terminals	RH, RC, O, B, W, Y, G, C
Electrical Ratings	1½ AMPS at each terminal, 2 AMPS total 24v AC. System or Battery Powered: 2 "AA" Batteries
Temperature Control Range	▪ Temp control 45° F to 90° F (7° to 32° C) *accuracy +- 1° over a range of 45° F to 90° F.*
Environmental Limits	▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 90% (non-condensing) ▪ Operating Temperature: +32°F to +122°F (+0°C to +50°C) ▪ Storage Temperature: -4°F to +140°F (-20°C to +60°C) ▪ Electrical Immunity: meets relevant CE specifications
Compatibile With	▪ 1 Stage Heat/1 Stage Cool Heating and Air Conditioning ▪ Systems, Gas, Oil or Electric Heating Systems ▪ Low Voltage (24 Volt) Systems ▪ Single Stage Heat Pumps ▪ 2 Wire Hydronic Systems
Not Compatibile With	▪ Multi-Stage Heat Pumps ▪ Multi-Stage Gas, Oil or Electric Furnaces ▪ 3 Wire Hydronic System ▪ Line Voltage System (without transformer)
Packaging	▪ Master Carton: Master Carton: 10 units ▪ UPC:

WARNING: Use Energizer® or DURACELL® Alkaline Batteries Only.
Energizer® is a registered trademark of Eveready Battery Company, Inc. - DURACELL® is a registered trademark of The Gillette Company, Inc

Project Name   Date

Contractor / Engineer   Location

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LUXPRO®

PSP722E
programmable

5/2-day Programmable
Programmable • Non-Programmable

Product Highlights

✓ Universal Compatibility Everything'Stat®

✓ Controls up to 2 Stages of Heat and 2 Stages of Cooling Plus Auxiliary and Emergency Heat

✓ Auto-Changeover Between Heat and Cool

✓ Auxiliary and Emergency Heat Indicators

Product Features

- EL (Electro Luminescent) Backlight
- IAQ Independently Programmable Fan
- 7 Day Programming
- Default Temperature Program
- 4 Periods Per Day
- Temporary Temperature Override
- Manual Hold
- Adjustable Vacation Hold (1-30 Days)
- Optional Smart Recovery
- Programmable Air Filter Timer with with Filter Change Indicator
- Energy Usage Monitor
- Fahrenheit or Celsius Temperature Display
- 12/24 Hour Clock
- Easy Programming with LUX Speed Dial®
- Advanced Copy Function for Fast Easy Programming
- Nonvolatile Memory for All Temperature Programs and Settings
- Daylight Savings Time (DST) Button
- Multimode Keyboard Lockout with
- User Programmable 3 Digit Lock Code
- Programmable Max. Heat Temperature Limit
- Programmable Min. Cool Temperature Limit
- Defeatable Audible Button Response
- Menu Driven Setup Done from the Front Panel
- User Temperature Calibration Adjustment
- Dual Power Capable (System and/or Battery)
- Multi-Stage Adjustable Temperature
- Differential/Cycle Rate
- Programmable Length Minimum Run/Off Time
- Programmable Auto-Changeover Dead-Band
- Programmable Fan-On Delay Setting
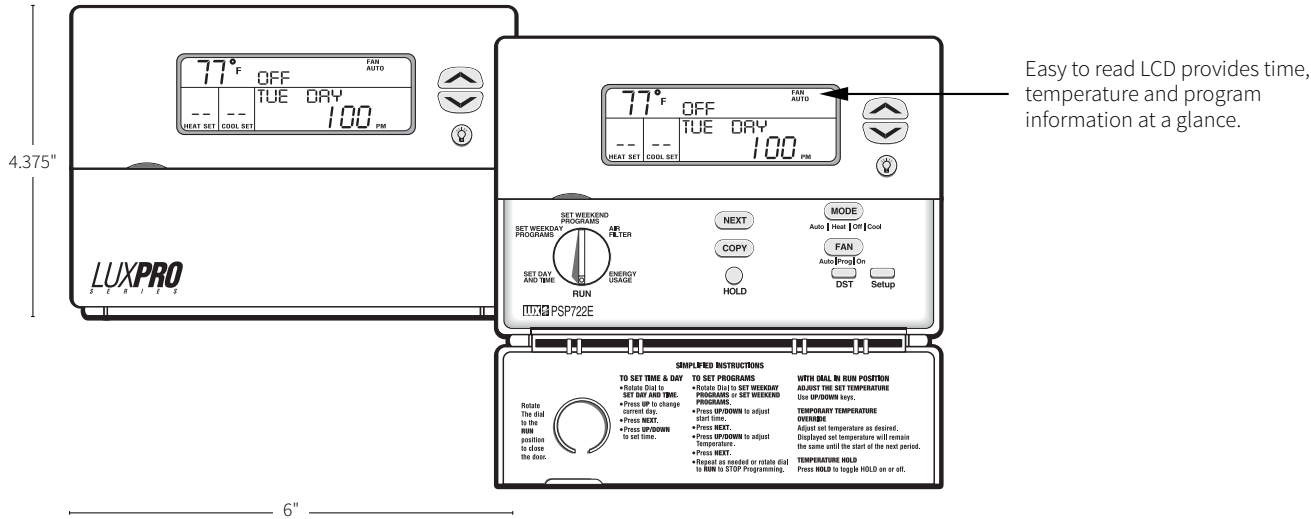- Programmable Fan-Off (Overrun) Delay Setting

Installation

Compatible With
- Most 24v Gas, Oil, Electric Heating and Air Conditioning Systems
- Multi-stage Heat Pumps
- 2-Wire Hydronic Systems
- Hydronic Air Handlers
- Millivolt Systems

Not Compatible With
- 3 Wire Hydronic Systems
- Line Voltage Systems (Without Transformer)

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Download Spec Sheet

Easy to read LCD provides time, temperature and program information at a glance.

4.375"

6"

Dimensions	6" (150mm) wide x 4⅜" (110mm) tall x 1¼" (30mm) deep
Heat/Cool Terminals	RH, RC, O, B, W1, W2, Y1, Y2, G, E, C
Electrical Ratings	1½ AMPS at each terminal, 2 AMPS total 24 VAC. System or Battery Powered: 2 "AA" Batteries (optional).
Temperature Control Range	▪ Temp control 45° F to 90° F (7° to 32° C) ▪ Display range: 23° F to 99° (-5° C to 37° C) ▪ Temp differential: adjustable from .25° F to 2.25° F *accuracy +- 1° over a range of 45° F to 90° F.*
Environmental Limits	▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 90% (non-condensing) ▪ Operating temperature: 32°F to 95°F (0°C to 35°C) ▪ Storage temperature: -4°F to 130°F (-20°C to 54°C) ▪ Electrical Immunity: meets relevant CE specifications
Compatibile With	▪ Most 24v Gas, Oil, Electric Heating and Air Conditioning Systems ▪ Multi-stage Heat Pumps ▪ 2-Wire Hydronic Systems ▪ Hydronic Air Handlers ▪ Millivolt Systems
Not Compatibile With	▪ 3 Wire Hydronic Systems ▪ Line Voltage Systems (Without Transformer)
Packaging	▪ Master Carton: Master Carton: 10 units ▪ UPC:

Project Name

Date

Contractor / Engineer

Location

LUX®

NON PROGRAMMABLE THERMOSTATS

For projects and end users still looking for total control of temperature,
LUX offers its LUXPro line of non-programmable options in a
range of features and value.

Our job-friendly, non-programmable value thermostat with features you might not expect!

Non-Programmable

Product Highlights

✓ Non-programmable only

✓ Dual powered

✓ Adjustable heating and cooling limits

✓ 5 year warranty

Product Features

- Easy installation
- Non-programmable only
- Easy-view back light
- Optional wall plate model #WP567
- Keypad lock for unauthorized use
- Dual powered (2AA) Alkaline Batteries (included)
- Temporary Compressor protection bypass
- 5/2 minute selectable time delay
  for equipment protection
- User temperature calibration
- Display option: fahrenheit or celsius temperature
- Adjustable heating and cooling limits
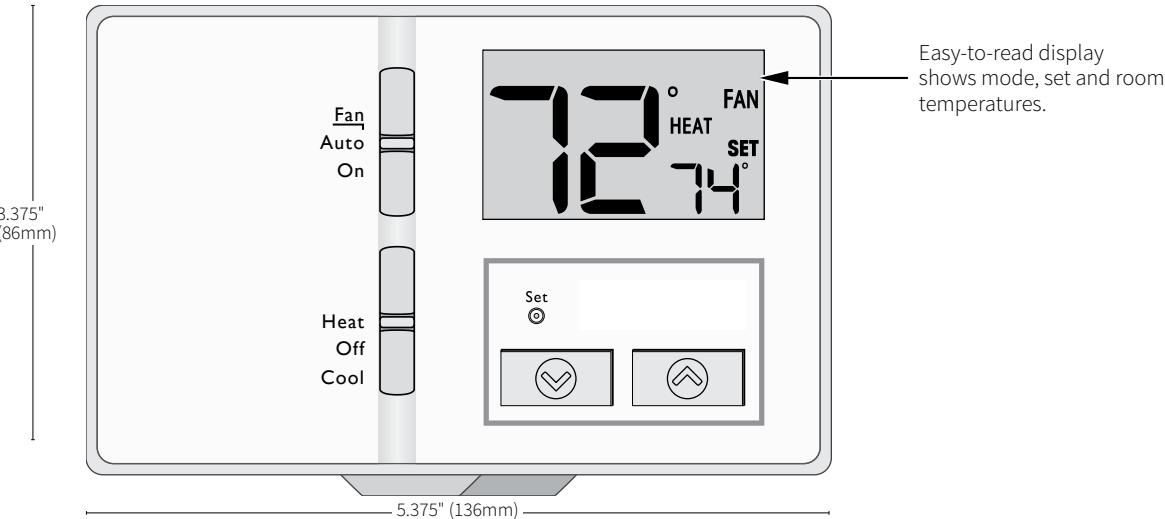- Adjustable temperature differential/swing

Installation

Compatible With
- For most 24V heating and A/C systems
- 1-heat/1-cool: gas, oil, electric or single stage heat pump systems
- 2-wire heat only hydronic systems (hot water baseboard & radiator)
- Millivolt systems (wall heaters/furnaces & gas fireplaces)

Not Compatible With
- Multi-stage heating & AC systems
- Multi-stage heat pumps
- 3-wire hydronic zone valve systems
- 120V/240V line voltage systems (without transformer)

⬇ Download Spec Sheet

Easy-to-read display shows mode, set and room temperatures.

Dimensions	5.375" (136mm) wide x 3.375" (86mm) tall x 1.25" (32mm) deep
Heat/Cool Terminals	RH, RC, W, Y, G, C, O/B (solid pins for 24v and Millivolt systems)
Electrical Ratings	1.5 Amps per terminal at 24 volts
Temperature Control Range	• Temp control 45°F to 90°F (7°C to 32°C) • Display range: 23°F to 99°F (-5°C to 37°C) • Temperature Differential: adjustable from ±0.25°F to ±2.25°F *Accuracy ±1°F over a range of 45°F to 90°F.*
Environmental Limits	• Moisture and Dust: meets IP20 • Operating Humidity: 20% to 90% (non-condensating) • Operating temperature: 14°F to 114°F (-10°C to 45°C) • Storage temperature: -4°F to 140°F (-20°C to 60°C) • Electrical Immunity: meets relevant EMI/EMC specifications
Compatible With	• For most 24V heating and A/C systems • 1-heat/1-cool: gas, oil, electric or single stage heat pump systems • 2-wire heat only hydronic systems (hot water baseboard & radiator) • Millivolt systems (wall heaters/furnaces & gas fireplaces)
Not Compatible With	• Multi-stage heating & AC systems • Multi-stage heat pumps • 3-wire hydronic zone valve systems • Line voltage systems (120/240 VAC)
Packaging	• Master Carton: 10 units • UPC: 0 21079 14111 1

Project Name

Date

Contractor / Engineer

Location

LUXPRO

All that's needed for radiant floor control

Non-programmable

Product Highlights

✓ Non-Programmable Floor/Slab Thermostat

✓ Includes 16ft Sensor

✓ Min/max. temperature limits

✓ Valve anti-seize protection

✓ Freeze protection control

Product Features

- Non-programmable only
- Easy-view back light
- 16 ft. wired floor/slab sensor inlcuded
- Keypad lock for unauthorized use
- Max & Min. set temperature limit value
- Non-volatile (battery free) memory
- Flexible output control (normally closed or open)
- Flexible operating modes: comfort-eco-frost protection-standby
- Display option: fahrenheit or celsius temperature
- User adjustable floor/slab temperature Calibration
- Flexible room temperature control
- Freeze protection control
- Valve anti-seize: if valve has not been actuated for 10 days, heat output will cycle on for 5 minutes (except in standby)
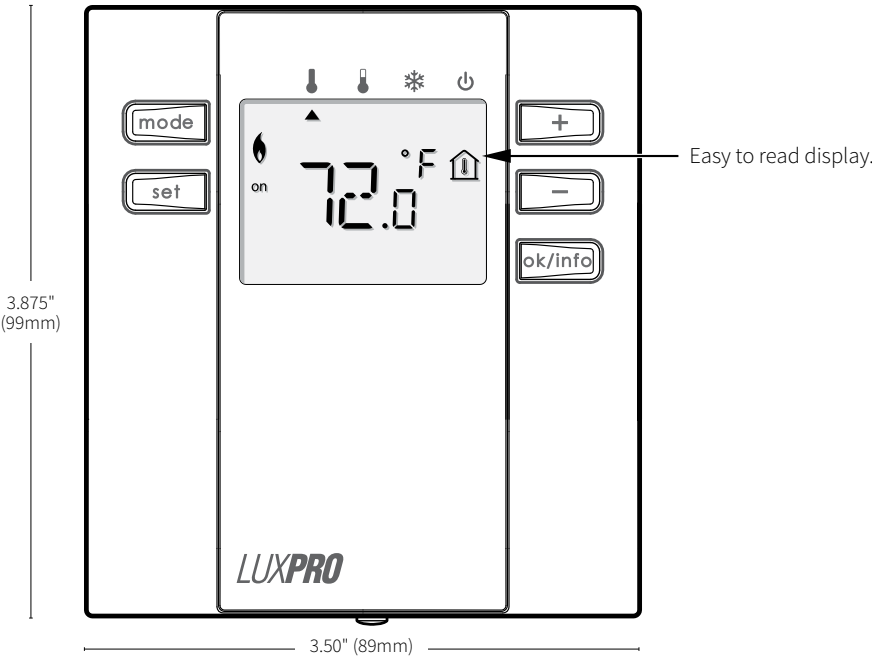
Installation

Compatible With

- Radiant underfloor heating systems (up to 2 AMPS @ 24 VAC)
- 2-wire hydronic thermal acuators (up to 2 AMPS @ 24 VAC)

Not Compatible With

- 120V/240V line voltage systems (without transformer)
- Conventional forced air heating/cooling systems
- 3-wire hydronic zone valves
- Systems without 24 VAC common wire present

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⬇ Download Spec Sheet

3.875"
(99mm)

Easy to read display.

LUXPRO

3.50" (89mm)

Dimensions	3.50" (89mm) wide x 3.875" (99mm) tall x 1.00" (25mm) deep
Heat/Cool Terminals	RH, C (output, if needed), W (output)
Electrical Ratings	2 AMPS @ 24 VAC, 60 HZ. System power only
Temperature Control Range	▪ Room temp control 40°F to 86°F (5°C to 30°C) ▪ Floor/slab temp control 40°F to 99°F (5°C to 45°C) *Accuracy ±1°F (±1°C).*
Environmental Limits	▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 85% (non-condensating) ▪ Operating temperature: +32°F to 104°F (+0°C to 40°C) ▪ Storage temperature: +14°F to +122°F (-10°C to +50°C) ▪ Electrical Immunity: meets relevant CE specifications
Compatibile With	▪ Radiant underfloor heating systems (up to 2 AMPS @ 24 VAC) ▪ 2-wire hydronic thermal acuators (up to 2 AMPS @ 24 VAC)
Not Compatibile With	▪ 120V/240V line voltage systems (without transformer) ▪ Conventional forced air heating/cooling systems ▪ 3-wire hydronic zone valves ▪ Systems without 24 VAC common wire present
Packaging	▪ Master Carton: 5 ▪ UPC: 0 21079 13920 0

Project Name

Date

Contractor / Engineer

Location

LUXPRO

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39

Digital heat-only, no fan switch

Heat-Only Manual

Perfect for

✓ Fireplaces

✓ Stoves

✓ In-Floor Radiant Heating Systems

Product Features

- Digital accuracy
- Battery powered only
- Large illuminated display
- Attractive slim design
- Fahrenheit/Celsius switchable
- Easy installation
- Optional wall plate available
- 5 year warranty

Physical Dimensions (When Mounted)

- Width = 3.50" (90 mm)
- Height = 5.125" (131 mm)
- Depth = 1.125" (30 mm)
- Option wall plate: Part no. WP011, 4.5" (115 mm) X 5.5" (140 mm) X 0.125" (4 mm)

Carton Pack Quantity

- 10 pieces

UPC Code

- 0 21079 07010 7

Installation

Compatible With

- 24V 2 wire heating only systems
- 1 stage heat gas or oil systems with no fan
- 2 wire heat hydronic systems (hot water, baseboard and radiator)
- Millivolt systems (wall heaters/furnaces and gas fireplaces)

Not Compatible With

- Cooling systems
- Heat pump systems
- 3 wire hydronic systems
- Line voltage systems (120/240 VAC)

Easy to read LCD provides time, temperature and program information at a glance.

5.125"

3.5"

LUXPRO

Compatibile With	▪ 24V 2 Wire Heating Only Systems ▪ 1 Stage Heat Gas or Oil Systems With No Fan ▪ 2 Wire Heat Hydronic Systems (Hot Water, Baseboard & Radiator) ▪ Millivolt Systems (Wall Heaters / Furnaces & Gas Fireplaces)
Not Compatibile With	▪ Cooling Systems ▪ Heat Pump Systems ▪ 3 Wire Hydronic Systems ▪ Line Voltage Systems (120 / 240 VAC)

Project Name

Date

Contractor / Engineer

Location

Perfect for Fireplaces, Stoves, In-floor Radiant Heating Systems

Heating Only
with Fan Switch

Product Highlights

✔ Perfect controls for heating-only systems such as fireplaces, pellet burning stoves, wood burning stoves, coal burning stoves and in-floor radiant heating systems.

✔ Digital accuracy, 24V or millivolt compatibility, large easy-to-read backlit displays, and are battery powered (no hardwiring required!)

✔ Easy to install for quicker job turnovers, simple to operate for reduced customer call-backs, and are priced for better profitability.

Product Features

- Digital Accuracy
- Fan Switch
- Battery Powered Only
- Large Illuminated Display
- Attractive Slim Design
- Soft Touch Buttons
- Fahrenheit/Celsius Switchable
- Easy Installation
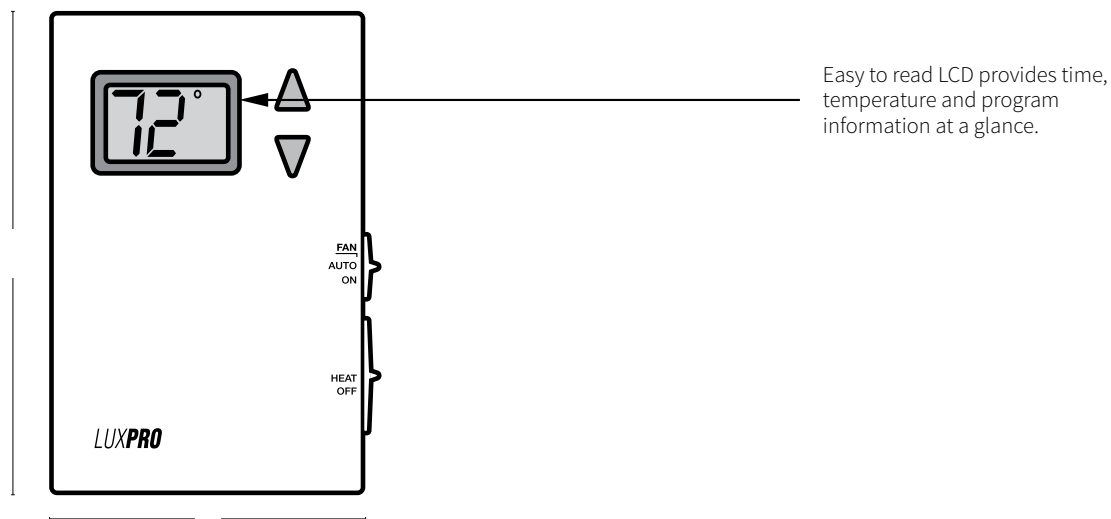- Optional Wall Plate Available

Installation

Compatible With
- Most 24V Heating Systems
- 1 Stage Heat Only: Gas, Oil or Electric (Non Heat-Pump) Systems
- 2 Wire Heat Only Hydronic Systems (Hot Water, Baseboard & Radiator)
- Millivolt Systems (Wall Heaters /
- Furnaces & Gas Fireplaces)

Not Compatible With
- Cooling Systems
- Heat Pump Systems
- 3 Wire Hydronic Systems
- Line Voltage Systems (120 / 240 VAC)

⬇ Download Spec Sheet

Easy to read LCD provides time, temperature and program information at a glance.

Dimensions	
Compatibile With	▪ Most 24V Heating Systems ▪ 1 Stage Heat Only: Gas, Oil or Electric (Non Heat-Pump) Systems ▪ 2 Wire Heat Only Hydronic Systems (Hot Water, Baseboard & Radiator) ▪ Millivolt Systems (Wall Heaters / Furnaces & Gas Fireplaces)
Not Compatibile With	▪ Cooling Systems ▪ Heat Pump Systems ▪ 3 Wire Hydronic Systems ▪ Line Voltage Systems (120 / 240 VAC)
Packaging	▪ Master Carton: Master Carton: 10 units ▪ UPC:

Project Name

Date

Contractor / Engineer

Location

Digital Electronic Non-Programmable Thermostats for Heating & Cooling

Non-Programmable
Heating & Cooling

Product Highlights

✓ Digital thermostat with a large easy-to-read display with backlight.

✓ Temperature control set from factory at a fixed value of +/- 0.5° F/C.

✓ Battery Powered Only version.

Product Features

- 1 Stage Heat / 1 Stage Cool
- Battery Powered Only
- Large Illuminated Digital Display
- Attractive Slim Design
- Soft Touch Buttons
- Default Set Temps: 65F Heat / 78F Cool
- Fahrenheit/Celsius Switchable
- Adjustable Temperature Stops
- 5 Minute Compressor Protection
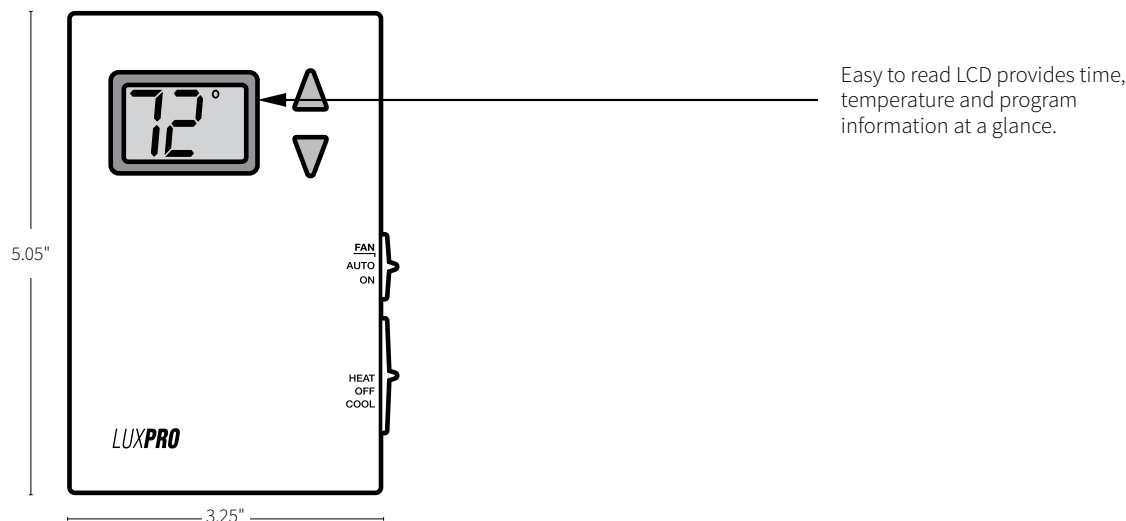- Easy Installation
- Optional Wall Plate Available

Installation

Compatible With
- Most 24V Heating and A / C Systems
- 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric, or Single Stage Heat Pump Systems
- 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator)
- Millivolt Systems (Wall Heaters / Furnaces & Gas Fireplaces)

Not Compatible With
- Multi-stage Heat Pumps
- 3 Wire Hydronic Systems
- Line Voltage Systems (120 / 240 VAC)

⬇ Download Spec Sheet

Easy to read LCD provides time, temperature and program information at a glance.

5.05"

3.25"

Dimensions	3.25" (83mm) wide x 5.05" (128mm) tall x 1.10" (28mm) deep Wall plate: 4.50" (114 mm) wide x 5.45" (138 mm) tall
Heat/Cool Terminals	RH, RC, W1, Y1, G, O/B
Electrical Ratings	1 1⁄2 AMPS at each terminal, 3 AMPS total 24 VAC Battery Powered Only: 2 "AA" Batteries
Temperature Control Range	▪ Temp control 45° F to 90° F (7° to 32° C) *accuracy +- 1° over a range of 45° F to 90° F.*
Environmental Limits	▪ 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: -4°F to +140°F (-20°C to +60°C). ▪ Electrical Immunity: meets relevant CE specifications.
Compatibile With	▪ 24V Heating and A / C Systems ▪ 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric, or Single Stage Heat Pump Systems ▪ 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator) ▪ Millivolt Systems (Wall Heaters / Furnaces & Gas Fireplaces)
Not Compatibile With	▪ Multi-stage Heat Pumps ▪ 3 Wire Hydronic Systems ▪ Line Voltage Systems (120 / 240 VAC)
Packaging	▪ Master Carton: Master Carton: 10 units ▪ UPC:

WARNING: Use Energizer® or DURACELL® Alkaline Batteries Only.
Energizer® is a registered trademark of Eveready Battery Company, Inc. - DURACELL® is a registered trademark of The Gillette Company, Inc

Project Name

Date

Contractor / Engineer

Location

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LUXPRO®

The contractor's non-programmable choice for 1h/1c systems

Non-programmable

Product Highlights

✓ Large back-lit display

✓ Dual powered: system or battery

✓ Horizontal or vertical mount

✓ 5 year warranty

Product Features

- Easy installation
- Horizontal or vertical mount
- Easy-view back light
- Optional wall plate model# WP567
- Dual powered (2AA) Alkaline Batteries (included)
- Adjustable compressor delay
- Display option: fahrenheit or celsius temperature
- Low battery indicator
- Adjustable temperature swing
- 9-step temperature swing
- Temperature calibration
- High & low adjustable temp limits
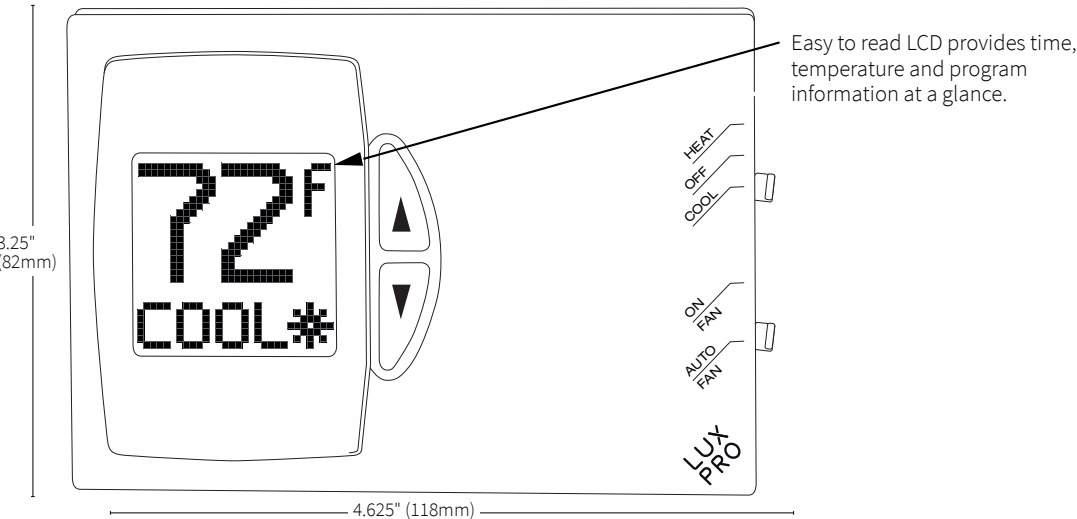
Installation

Compatible With
- For most single stage 24V heating and A/C systems
- 1 heat/1 cool and single stage heat pumps
- 2-wire hydronic systems & hydronic air handling systems
- Millivolt systems (wall heaters/furnaces, gas fireplaces and/or pellet stoves.)

Not Compatible With
- Multi-stage heat pumps
- Multi-stage gas or oil furnaces
- 3-wire hydronic systems
- 120V/240V line voltage systems (without transformer)

⬇ Download Spec Sheet

Easy to read LCD provides time, temperature and program information at a glance.

Dimensions	4.625" (118mm) wide x 3.25" (82mm) tall x .875" (22.5mm) deep
Heat/Cool Terminals	W, RH, B, O, RC, Y, G, C
Electrical Ratings	1.5 AMPS at 24 VAC
Temperature Control Range	▪ Temp control 45° F to 90° F (7° to 32° C) ▪ Display range: 23° F to 99° F (-5° C to 37° C) ▪ Temp differential: adjustable from .25° F to 2.25° F *accuracy +- 1° over a range of 50° F to 95° F.*
Environmental Limits	▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 90% (non-condensing) ▪ Operating temperature: 32°F to 95°F (0°C to 35°C) ▪ Storage temperature: -4°F to 130°F (-20°C to 54°C) ▪ Electrical Immunity: meets relevant CE specifications
Compatibile With	▪ For most single stage 24V heating and A/C systems ▪ 1 heat/1 cool and single stage heat pumps ▪ 2-wire hydronic systems & hydronic air handling systems ▪ Millivolt systems (wall heaters/furnaces, gas fireplaces and/or pellet stoves.)
Not Compatibile With	▪ Multi-stage heat pumps ▪ Multi-stage gas or oil furnaces ▪ 3-wire hydronic systems ▪ 120V/240V line voltage systems (without transformer)
Packaging	▪ Master Carton: Master Carton: 10 units ▪ UPC: 0 21079 03111 5

Project Name

Date

Contractor / Engineer

Location

LUXPRO®

PSDH121+
non-programmable – heat pump thermostat

⤓ Download Spec Sheet

The contractor's non-programmable choice for 1h or 2h/1c heat pumps

Non-programmable

Product Highlights

✔ Large back-lit display

✔ Dual powered: system or battery

✔ Horizontal or vertical mount

✔ 5 year warranty

Product Features

- Easy installation
- Horizontal or vertical mount
- Easy-view back light
- Optional wall plate model# WP567
- Dual powered (2AA) Alkaline Batteries (included)
- Adjustable compressor delay
- Display option: fahrenheit or celsius temperature
- Emergency heat-mode switch
- Low battery indicator
- Adjustable temperature swing
- 9-step temperature swing
- Temperature calibration
- High & low adjustable temp limits
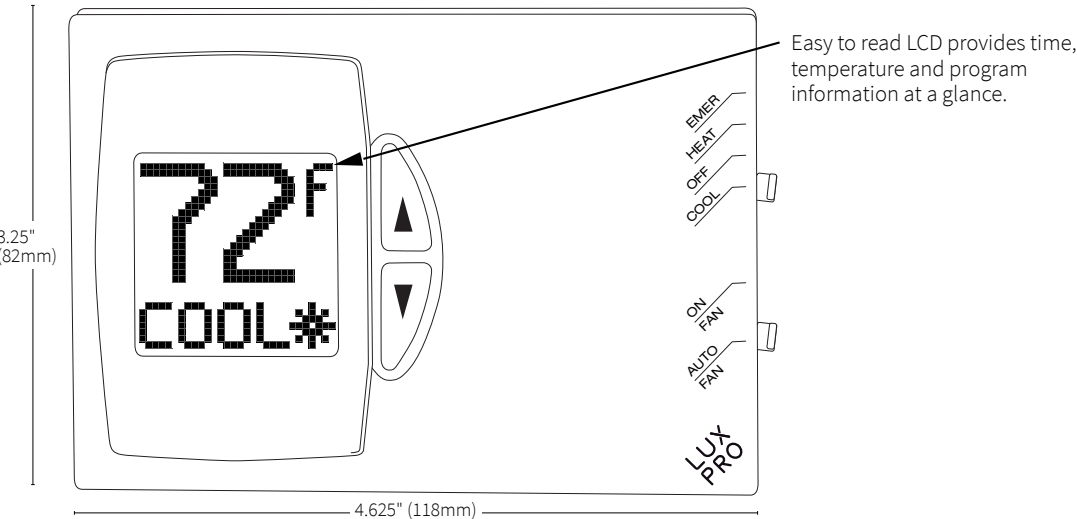
Installation

Compatible With
- For most 24V heat pump systems
- 1 or 2-stage heat/1 stage cool heat pumps

Not Compatible With
- Multi-stage gas or oil furnaces
- Hydronic hot water systems
- 120V/240V line voltage systems (without transformer)
- Conventional (non-heat pump) systems

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Easy to read LCD provides time, temperature and program information at a glance.

3.25" (82mm)

4.625" (118mm)

Dimensions	4.625" (118mm) wide x 3.25" (82mm) tall x .875" (22.5mm) deep
Heat/Cool Terminals	E, Y, B, O, W2, R, G, C
Electrical Ratings	1.5 AMPS at 24 VAC
Temperature Control Range	▪ Temp control 45° F to 90° F (7° to 32° C) ▪ Display range: 23° F to 99° (-5° C to 37° C) ▪ Temp differential: adjustable from .25° F to 2.25° F *accuracy +- 1° over a range of 50° F to 90° F.*
Environmental Limits	▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 90% (non-condensing) ▪ Operating temperature: 32°F to 95°F (0°C to 35°C) ▪ Storage temperature: -4°F to 130°F (-20°C to 54°C) ▪ Electrical Immunity: meets relevant CE specifications
Compatibile With	▪ For most 24V heat pump systems ▪ 1 or 2-stage heat/1 stage cool heat pumps
Not Compatibile With	▪ Multi-stage gas or oil furnaces ▪ Hydronic hot water systems ▪ 120V/240V line voltage systems (without transformer) ▪ Conventional (non-heat pump) systems
Packaging	▪ Master Carton: Master Carton: 10 units ▪ UPC: 0 21079 03121 4

Project Name

Date

Contractor / Engineer

Location

LUXPRO®

LUX®

MECHANICAL THERMOSTATS

For jobs that still need mechanical thermostats, LUX offers the mercury-free features that get the work done, quickly.

Heat-Only Mechanical

Product Highlights

✓ Easy to use

✓ Mercury free

✓ 5 year warranty

Product Features

- Clean, attractive design
- Snap action mechanism
- Value priced
- Adjustable heat anticipator
- Contains no mercury

Electrical Ratings:
- 24 VAC (30 VAC maximum)

Anticipator Rating:
- 0.15 A to 1.2 A

Temperature Control Range:
- 45ºF to 90ºF (7º to 32º). Accuracy: ±1ºF over a range of 50ºF to 95ºF

Environmental Limits:
- Moisture and dust: meets IP20
- Operating humidity: 20% to 90% non-condensing
- Operating temperature: +32ºF to +95ºF (+0ºC to +35ºC)
- Storage temperature: -4ºF to +130ºF (-20ºC to +54ºC)
- Electrical immunity: meets relevant CE specifications

Installation

Compatible With
- Most 24V gas, oil, electric heating systems
- 2 wire hydronic systems
- Millivolt systems
- Hydronic air handlers
- Single-stage heat pumps

Not Compatible With
- 3 wire hydronic systems
- Multi-stage heat pumps
- 120V/240V systems

Physical Dimensions (When Mounted):
- Width = 3" (77 mm)
- Height = 3.50" (90 mm)
- Depth = 1.25" (32 mm)
- Optional wall plate: Part no. MTO84S, 4.75" (121 mm) X 4.75" (121 mm)

Packaging:
- Packaged in box - carton quantity = 50
- Carton specifications: 16.50" long X 14.75" wide X 12.375" deep. Carton weight: 17 lbs.

UPC Code:
- 0 21079 98030 7

⬇ Download Spec Sheet

Snap action mechanism

Heating/Cooling Mechanical

Product Highlights

✓ Easy to use

✓ Mercury free

✓ 5 year warranty

Product Features

- Clean, attractive design
- Snap action mechanism
- Value priced
- Adjustable heat anticipator
- Contains no mercury

Electrical Ratings:
- 24 VAC (30 VAC maximum)

Anticipator Rating:
- 0.15 A to 1.2 A

Temperature Control Range:
- 45ºF to 90ºF (7º to 32º). Accuracy: ±1ºF over a range of 50ºF to 95ºF

Environmental Limits:
- Moisture and dust: meets IP20
- Operating humidity: 20% to 90% non-condensing
- Operating temperature: +32ºF to +95ºF (+0ºC to +35ºC)
- Storage temperature: -4ºF to +130ºF (-20ºC to +54ºC)
- Electrical immunity: meets relevant CE specifications

Installation

Compatible With
- Most 24V gas, oil, electric heating systems and air conditioning systems
- 2 wire hydronic systems
- Millivolt systems
- Hydronic air handlers
- Single-stage heat pumps

Not Compatible With
- 3 wire hydronic systems
- Multi-stage heat pumps
- 120V/240V systems
- Compressor without time delays

Physical Dimensions (When Mounted):
- Width = 3" (77 mm)
- Height = 3.50" (90 mm)
- Depth = 1.375" (35 mm)
- Optional wall plate: Part no. MTO84S, 4.75" (121 mm) X 4.75" (121 mm)

Packaging:
- Packaged in box - carton quantity = 50
- Carton specifications: 16.50" long X 14.75" wide X 12.375" deep. Carton weight: 17 lbs.

UPC Code:
- 0 21079 98040 6

1 Stage Heat / Cool Snap Action Thermostat

Mechanical Thermostat

Product Highlights

✓ 1 Stage Heat / Cool

✓ Snap Action

Product Features

- Horizontal Style
- Clean, Attractive Design
- Snap Action Mechanism
- Mercury Free
- Adjustable Heat Anticipator
- 3 Year Warranty

Installation

Compatible With

- Most 24V Heating/Cooling Systems
- 1 Stage Hea/Cool: Gas, Oil, or Electric Systems
- 2 Wire Heat Only Hydronic
- Millivolt Systems
- Hydronic Air Handlers

Not Compatible With

- Cooling Systems
- Heat Pump Systems
- 3 Wire Hydronic Systems
- 120V/240V Systems
- Compressors Without Time Delays

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Dimensions	5.50" wide x 3.75" tall
Compatibile With	• Most 24V Heating/Cooling Systems • 1 Stage Hea/Cool: Gas, Oil, or Electric Systems • 2 Wire Heat Only Hydronic • Millivolt Systems • Hydronic Air Handlers
Not Compatibile With	• Cooling Systems • Heat Pump Systems • 3 Wire Hydronic Systems • 120V/240V Systems • Compressors Without Time Delays
Packaging	• Master Carton: Master Carton: 10 units • UPC: 0 21079 98400 8

Project Name

Date

Contractor / Engineer

Location

LUX®

LINE VOLTAGE THERMOSTATS

The LUXPro line voltage thermostats let you meet the needs of homeowners with electric baseboards -often regional products, but great to have on the truck for vacation home projects too! Programmable Comfort made easy with simplistic designs and intuitive functionality.

Single-Pole Line-Voltage

Heat-Only Mechanical

Product Highlights

✓ Easy to use

✓ Mercury free

✓ 5 year warranty

✓ Single-Pole Line-Voltage

Product Features

- Easy to install and use
- Clean attractive design
- Contains no mercury
- ETL certified (USA, Canada)
- Single bi-metallic temperature sensing strip
- 5 year warranty

Thermostat Electrical Ratings:

- Resistive: 22A at 120/208/240/277 VAC (2640W @ 120V, 5280W @ 240V)
- Inductive: 1/2 HP @ 120V, 3/4 HP @ 240V

Physical Dimensions (When Mounted):

- Width = 2.75" (70 mm)
- Height = 4.50" (115mm)
- Depth = 1.50" (40mm)

Installation

Compatible With

- 1-stage heat only: single-pole (2-wires) and 120/240 VAC systems up to 22 amps

Not Compatible With
- Conventional 24V heating applications
- Millivolt heating applications
- Cooling applications

Carton Pack Quantity:
- 5 pieces

UPC Code:
- 0 21079 14262 0

Double-Pole Line-Voltage

Heat-Only Mechanical

Product Highlights

✔ Easy to use

✔ Mercury free

✔ 5 year warranty

✔ Double-Pole Line-Voltage

Product Features

- Easy to install and use
- Clean attractive design
- Contains no mercury
- 5 year warranty
- ETL certified (USA, Canada)
- Single bi-metallic temperature sensing strip

Thermostat Electrical Ratings:
- Resistive: 22A at 120/208/240/277 VAC (2640W @ 120V, 5280W @ 240V)
- Inductive: 1/2 HP @ 120V, 3/4 HP @ 240V

Physical Dimensions (When Mounted):
- Width = 2.75" (70 mm)
- Height = 4.50" (115mm)
- Depth = 1.50" (40mm)

Installation

Compatible With
- 1-stage heat only: double or single-pole (4 or 2-wires) and 120/240 VAC systems up to 22 amps

Not Compatible With
- Conventional 24V heating applications
- Millivolt heating applications
- Cooling applications

Carton Pack Quantity:
- 5 pieces

UPC Code:
- 0 21079 14263 7

Cool Only Thermostat

Mechanical Thermostat

Product Highlights

✓ 3 Year Warranty

Product Features

- UL Listed
- Contains No Mercury
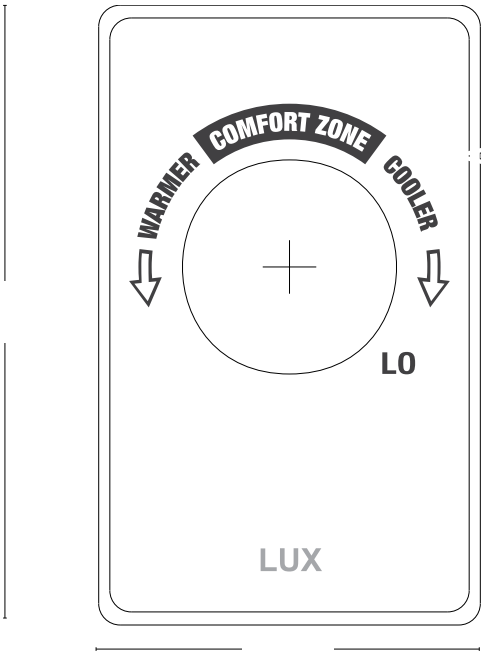- Clean Attractive Design
- Easy to Install and Use

Installation

Compatible With

- 1 Stage Cool Only: Single Pole 120/240 VAC Systems up to 22 Amps

Not Compatible With

- Conventional 24V Heating and Cooling Systems

Dimensions	
Electrical Ratings	▪ 2640W at 120Vac (Non-Inductive) ▪ 5280W at 240 Vac (Non-Inductive)
Temperature Differential	*Accuracy ±1°F (±1°C).*
Compatibile With	▪ 1 Stage Cool Only: Single Pole 120/240 VAC Systems up to 22 Amps
Not Compatibile With	▪ Conventional 24V Heating and Cooling Systems
Packaging	▪ Master Carton: 5 ▪ UPC:

Project Name

Date

Contractor / Engineer

Location

Easy, heat only thermostat

5/2-day Programmable
Programmable • Non-Programmable

Product Highlights

✓ Requires 2-AA batteries

✓ Pre-programed settings

✓ 5 year warranty

✓ Line Voltage

Product Features

- Easy installation
- Programmable 5/2-day
- Easy-view back light
- Optional wall plate model# WP510
- Positive on/off switch
- Requires (2AA) Alkaline Batteries (included)
- UL approved
- Display option: fahrenheit or celsius temperature
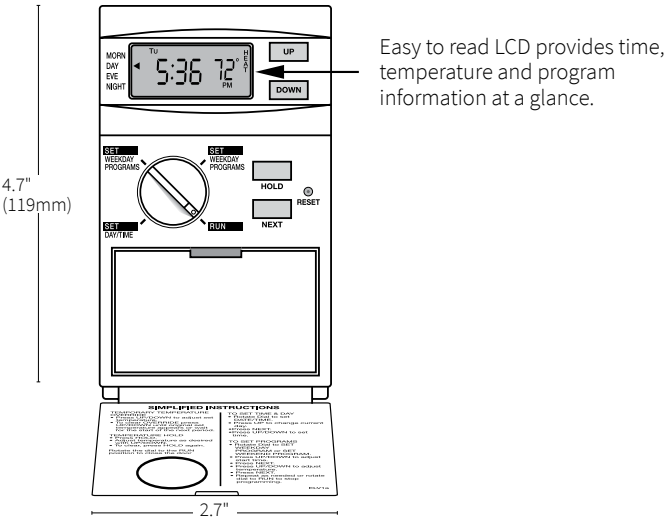- Vacation hold
- Temporary temperature override
- Line Voltage

Installation

Compatible With

- 1 stage heat only; single or double pole 120/240 VAC systems
- Line voltage (120/240V)
- Hydronic (hot water) systems with motors up to 1/4 HP
- 120V (1,800W resistive)/240V (3,600W resistive) line voltage systems (without transformer)
- Max 15 amps

Not Compatible With

- Conventional 24 V heating and cooling systems

⬇ Download Spec Sheet

Easy to read LCD provides time, temperature and program information at a glance.

4.7" (119mm)

2.7"

Dimensions	2.7" (69mm) wide x 4.7" (119mm) tall x 2.4" (61mm) deep
Compatibile With	• 1 stage heat only; single or double pole 120/240 VAC systems • Line voltage (120/240V) • Hydronic (hot water) systems with motors up to 1/4 HP • 120V (1,800W resistive)/240V (3,600W resistive) line voltage systems (without transformer) • Max 15 amps
Not Compatibile With	• Conventional 24 V heating and cooling systems
Packaging	• Master Carton: Master Carton: 5 units • UPC: 0 21079 06512 7

IMPORTANT: If not installed properly, this unit could cause a fire. For applications such as baseboard electric heat (resistive), the max load is 15 Amps, from 20 Amp circuit breaker. For heat applications such as a hot water circulating pump (inductive), the maximum load is 1/4 HP @ 120Volts (this thermostat is not compatible with heating appliances which contain both an electric heating element (resistive) and a blower fan (inductive load) within the same device. This product should be installed by a licensed electrician.

Project Name

Date

Contractor / Engineer

Location

LUX®

ACCESSORIES

LUX has a solution for all your needs with LUX Accessories from Décor Snap Covers, the colorful options homeowners will love, alternative powering options like the LUX Power Bridge for homes without a C-wire or USB Power kits as another way to power your LUX/GEO, & locking guards that make a secure option for landlord controlled locations.

LUX Power Bridge

The LUX Power Bridge provides 24V AC power to thermostats in homes without C-wires. Thermostats that connect to WiFi networks and home automation systems like Amazon Alexa and Apple HomeKit need a consistent 24V AC power source for optimal performance. The LUX Power Bridge allows homes with 3 and 4 wire systems to reap the benefits of smart thermostats without requiring a new wire to be installed between the furnace and the thermostat.

Recommended Application

- Conventional 4-wire systems (Y, W, R, G)
- Heat Pump 4-wire systems (O/B, Y, R, G)
- Cool-only 3-wire systems (Y, R, G)
- Heat-only 3-wire systems (W, R, G)

Works WIth

- KONO Smart
- KONO Z
- GEO
- GEOx

In the Box

- Power Bridge (installed at the furnace)
- Y-splitter (installed at the thermostat)
- Manual and wiring guide
- Wiring labels

Product Specification

- Color: White
- Height: 2.5"
- Width: 2.5"
- Depth: 0.875"

Alternative LUX Power Options

USB Power Kit
- Provides an additional powering option for GEO family of thermostats
- Contains micro-USB cable and wall adapter
- Optimizes performance for smart home systems

Works WIth
- Geo
- Geox

Download Spec Sheet

KONO Décor-Snap™ Cover

Product Highlights

- Add a splash of color or match your home's decor
- Quick, simple installation
- Robust construction
- Simple Snap off / Snap On
- Works with KONO Smart / KONOz

Color Options

- Midnight Black   SKU **DSC-KNS-BL**
- Deep Blue   SKU **DSC-KNS-BU**
- Hibiscus Red   SKU **DSC-KNS-RE**
- Sea Green   SKU **DSC-KNS-GR**
- True White   SKU **DSC-KNS-WH**
- Paint It   SKU **DSC-KNS-PI**

LUX®

Locking Thermostat Covers Are Made From Strong, Durable Plastic
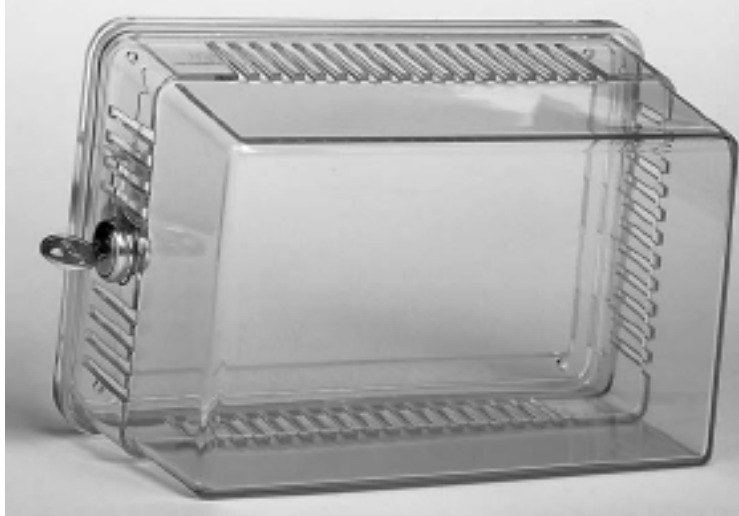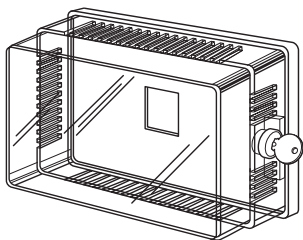

BB3001 - 004

BB2001 - 005

Whether your customer desires additional assurance or needs to deter tampering with settings, thermostat locking guards from LUX Products, provide the protection they're looking for. Made of strong durable plastic, these guards come in two sizes to fit all thermostats. Perfect for the office or rental properties, LUX locking guards limit unwanted access and eliminate accidental fluctuations when someone bumps into the thermostat.

Product Highlights

✓ Fits All Thermostats   ✓ Limits Unwanted Access   ✓ Tamper Resistant

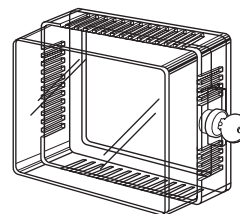✓ Two Sizes   ✓ One Key Included   ✓ Strong, Durable Plastic

BB3001-004 (LARGE)

- 9 1/2" (240mm) wide x 5 3/4" (146mm) tall x 4" (100mm) deep

Used For

▪ PSD122E	▪ PSP700	▪ PSPA711
▪ PSM200SA	▪ PSP711RF	▪ PSPA722
▪ PSM400SA	▪ PSP711TS	▪ PSPHA732
▪ PSMH45	▪ PSP722E	▪ PSPLV510

BB2001-005 (SMALL)

- 6 3/4" (172mm) wide x 5 7/8" (149mm) tall x 3 1/4" (83mm) deep

Used For

▪ PSD100	▪ PSP600	▪ PSD011B
▪ PSD111	▪ PSP602	▪ PSD011W
▪ PSD150	▪ PSP511C	▪ PSPH605
▪ PSDH121	▪ PSP511LC	▪ PSPH521

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LuxProProducts.com

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Monitor & Control IAQ ASO1-BO1 UCP 0 21079 170111 1

WHOLESALE
PRO
EDITION

PRO 5-YEAR WARRANTY

Smart Features
- LUX GEOx and Foobot are separate WiFi enabled devices
- GEOx pairs via the Foobot app to seamlessly comminicate with each other
- GEOx uses the LUX iOS and Android app for smart thermostat features
- Foobot uses the Foobot iOS and Android app to monitor air quality conditions

System (GEOx specific)
- Conventional heat & A/C up to 2h/2c
- Heat Pumps: up to 3h/2c Aux/Emergency heat and dual fuel systems with fossil fuel furnace back-up.
- Hydronic heat: when 24V system common (c-wire) is present.
- Power: C wire or LUX Power Bridge (included).

Product
- Foobot provides visible event detection with light from orange to blue
- GEOx, when triggered by event communication automatically switches HVAC fan to circulation mode
- Foobot can detect fine particulates & VOCs
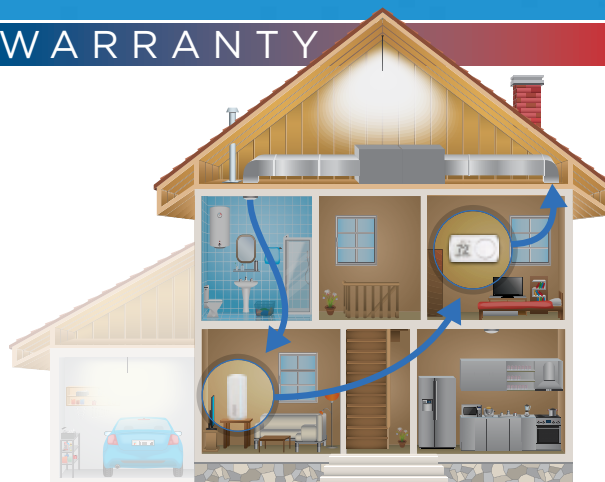- For complete IAQ Solution, add a UV light to HVAC system (ask LUX rep for details)

Connectivity
GEOx
- Radio: WiFi certified 802.11 b/g/n
- Frequency: 2.4 GHz
- Encryption: SHA256RSA
- Platforms: Amazon Alexa enabled devices

Fooboot
- Radio: WiFi 802.11 b/g/n
- Frequency: 2.4 GHz
- Encryption: open/WEP/WPA/WPA2 personal
- Platforms: Amazon Alexa enabled devices

WORKS WITH amazon alexa

Accessories
- Includes wall plate

SPECIFICATIONS BUNDLE # ASO1-BO1

	GEOx	FOOBOT
Dimensions	Height: 3.12" (79mm) Width: 5.7" (145mm) Depth: 1.32" (33mm)	Height: 6.75" (172mm), Depth: 2.8" (71mm)
Heat/Cool Terminals	R,Y1, Y2, G, W1, W2/O/B, C, U/U (for separate humidifier/de-humidifier)	-
Electrical Ratings	1.5 Amps per terminal @24Volts	-
Temperature Control Range	Control Range: 45°F to 90°F (72°C to 32°C) Display Range: 32°F to 99°F (0°C to 37°C) Temp differential: adjustable from ±0.25F to ±2.25F	-
Environmental Limits	Moisture and Dust: Up to IP20 Operating Limits: +14°F to 122°F (+10°C to 50°C) Operating Humidity: 20% to 90% non-condensing Storage Limits: +40°F to +140°F (-20°C to +60°C)	operating limits: 32°F to 140°F (0°C to 60°C) ±1 operating humidity: 30% - 90% non condensing - RH+-5%
WiFi Specifications	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	2.4GHz: 802.11 b/g/n Security open/WEP/ WPA/WPA2 Personal Network commissioning through iOS/Android app.
Compatible With	For conventional heat & A/C up to 2h/2c. Heat pump universal compatibility up to 3h/2c including AUX/EMERG heat and dual fuel systems -with fossil fuel furnace back-up. Hydronic heating applications if 24V system common (c-wire) is present.	HVAC system must support control of circulation fan to be effective. Works with Amazon Alexa enabled devices. Power with AC-DC 5V 0.5A USB power adapter
Not Compatible With	120V/240V line voltage systems. Gas millivolt heaters, gas fireplaces and other 2-wire heat applications.	HVAC systems without circulation fan
Packaging	ASO1-BO1 Includes: 1 LUX GEOx, 1 Power Bridge and 1 Foobot UPC: 0 21079 17011 1	

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