

Thermostat Application Guide

Description	
Gas or Oil Heat	Yes
Electric Furnace	Yes
Heat Pump (Heat Only, or Emergency Heat)	Yes
Heat Pump (Heat, Cool, or Emergency Heat)	Yes
Multi-Stage Systems	Yes
Heat-Only Systems	Yes
Heat-Only Systems - Power or Heat Furnace	Yes
Cool-Only	Yes
Millivolt	Yes

Table of Contents

	Page
Installation Tips	2-3
Thermostat Quick Reference	4-5
Wiring	6
Wiring Diagrams	7-8
Features	9
About The Badge	10
Technician Setup	11-13
Programming Thermostat	13-16

Specifications

The display range of temperature	-41°F to 95°F (5°C to 35°C)
The control range of temperature	-44°F to 90°F (7°C to 32°C)
Swing Cycle rate or differential	Heating is adjustable from 0.2° to 2.5° Cooling is adjustable from 0.2° to 2.0°
Power source	18 to 30 VAC, NEC Class II, 50/60 Hz for Hardwire Battery power from 2 AA Alkaline batteries
Operating ambient	32°F to +105°F (0°C to +41°C)
Operating Humidity	90% non-condensing maximum
Dimensions of thermostat	4.37" W x 4.74" H x 0.87" D

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Installation Tips

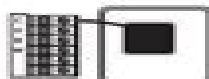
Mount Thermostat

Align the 4 tabs on the subbase with corresponding slots on the back of the thermostat, then push gently until the thermostat snaps in place.

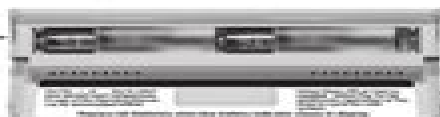


Battery Installation

Battery installation is recommended even if thermostat is hardwired (C terminal connected). When thermostat is hardwired and batteries are installed, the thermostat will activate a compressor delay of 5 minutes when the thermostat detects a power outage from the hardwired power supply.



Insert 2 AA Alkaline Batteries. Included. High quality alkaline batteries are recommended.



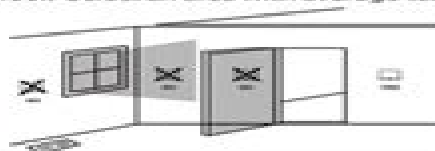
Simple operating instructions are found on the back of the battery door.

Important:
High quality alkaline batteries are recommended. Rechargeable batteries or low quality batteries do not guarantee a 1-year life span.

Installation Tips

Wall Locations

The thermostat should be installed approximately 4 to 5 feet above the floor. Select an area with average temperature and good air circulation.



- Do not install thermostat in locations:**
- Close to hot or cold air ducts
 - That are in direct sunlight
 - With an outside wall behind the thermostat
 - In areas that do not require conditioning
 - Where there are dead spots or drafts (in corners or behind doors)
 - Where there might be concealed chimneys or pipes

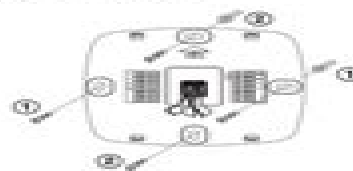


Installation Tip

Pick an installation location that is easy for the user to access. The temperature of the location should be representative of the building.

Subbase Installation

- ① Horizontal Mount
- ② Vertical Mount



For vertical mount put one screw on the top and one screw on the bottom.
For horizontal mount put one screw on the left and one screw on the right.



Installation Tip: Electrical Hazard

Failure to disconnect the power before beginning to install this product can cause electrical shock or equipment damage.



Mercury Notice

All of our products are mercury free. However, if the product you are replacing contains mercury, dispose of it properly. Your local waste management authority can give you instructions on recycling and proper disposal.

Thermostat Quick Reference

Getting to know your thermostat



- ① LCD Display
- ② Glow in the dark light button
- ③ Fan Switch
- ④ System Switch
- ⑤ Easy change battery door
- ⑥ Temperature Setpoint Buttons
- ⑦ User Buttons

Pro Thermostat Manual

Christian G. Meyer



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1. Understanding the eBook Pro Thermostat Manual
 - The Rise of Digital Reading Pro Thermostat Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Pro Thermostat Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Pro Thermostat Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Pro Thermostat Manual
 - Personalized Recommendations
 - Pro Thermostat Manual User Reviews and Ratings
 - Pro Thermostat Manual and Bestseller Lists

5. Accessing Pro Thermostat Manual Free and Paid eBooks
 - Pro Thermostat Manual Public Domain eBooks
 - Pro Thermostat Manual eBook Subscription Services
 - Pro Thermostat Manual Budget-Friendly Options
6. Navigating Pro Thermostat Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Pro Thermostat Manual Compatibility with Devices
 - Pro Thermostat Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Pro Thermostat Manual
 - Highlighting and Note-Taking Pro Thermostat Manual
 - Interactive Elements Pro Thermostat Manual
8. Staying Engaged with Pro Thermostat Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Pro Thermostat Manual
9. Balancing eBooks and Physical Books Pro Thermostat Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Pro Thermostat Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Pro Thermostat Manual
 - Setting Reading Goals Pro Thermostat Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Pro Thermostat Manual
 - Fact-Checking eBook Content of Pro Thermostat Manual
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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