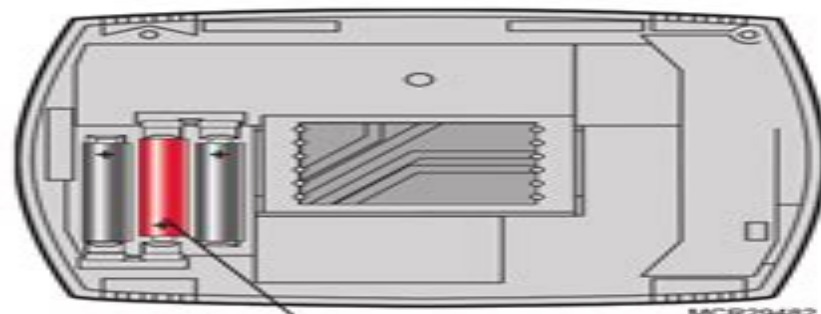


Power options



For 24VAC primary power, connect common side of transformer to "C" terminal.



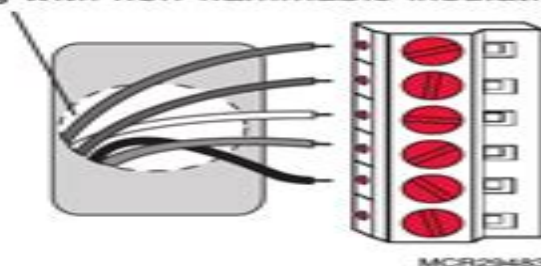
Insert supplied batteries for primary or backup power.

Wiring

Remove factory-installed jumper only for two-transformer systems.



Push excess wire back into the wall opening. Plug wall opening with non-flammable insulation.



Terminal Designations

Shaded areas below apply only to TH8320/TH8321.

Conventional Terminal Letters:

R	Heating power. Connect to secondary side of heating system transformer.
Rc	Cooling power. Connect to secondary side of cooling system transformer.
C	Common wire from secondary side of cooling transformer (if 2 transformers).
W	1st stage heat relay.
W2	2nd stage heat relay.
Y	1st stage compressor contactor.
Y2	2nd stage compressor contactor.
G	Fan relay.
S1	Optional outdoor or remote sensor.
S2	Optional outdoor or remote sensor.

Heat Pump Terminal Letters:

R	Heating power. Connect to secondary side of heating system transformer.
Rc	Cooling power. Connect to secondary side of cooling system transformer.
C	Common wire from secondary side of cooling system transformer.
Y	1st stage compressor contactor.
Y2	2nd stage compressor contactor.
Aux/E	Auxiliary/Emergency heat relay.
G	Fan relay.
L	Heat pump reset (powered continuously when System is set to Em Heat; system monitor when set to Heat, Cool or Off).
O/B	Changeover valve for heat pumps.
S1	Optional outdoor or remote sensor.
S2	Optional outdoor or remote sensor.

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Table of Contents Honeywell Pro 8000 Installation Manual

1. Understanding the eBook Honeywell Pro 8000 Installation Manual
 - The Rise of Digital Reading Honeywell Pro 8000 Installation Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Honeywell Pro 8000 Installation 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 Honeywell Pro 8000 Installation Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Honeywell Pro 8000 Installation Manual
 - Personalized Recommendations
 - Honeywell Pro 8000 Installation Manual User Reviews and Ratings
 - Honeywell Pro 8000 Installation Manual and Bestseller Lists

5. Accessing Honeywell Pro 8000 Installation Manual Free and Paid eBooks
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 - Honeywell Pro 8000 Installation Manual eBook Subscription Services
 - Honeywell Pro 8000 Installation Manual Budget-Friendly Options
6. Navigating Honeywell Pro 8000 Installation Manual eBook Formats
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 - Honeywell Pro 8000 Installation Manual Compatibility with Devices
 - Honeywell Pro 8000 Installation Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Honeywell Pro 8000 Installation Manual
 - Highlighting and Note-Taking Honeywell Pro 8000 Installation Manual
 - Interactive Elements Honeywell Pro 8000 Installation Manual
8. Staying Engaged with Honeywell Pro 8000 Installation Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Honeywell Pro 8000 Installation Manual
9. Balancing eBooks and Physical Books Honeywell Pro 8000 Installation Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Honeywell Pro 8000 Installation Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Honeywell Pro 8000 Installation Manual
 - Setting Reading Goals Honeywell Pro 8000 Installation Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Honeywell Pro 8000 Installation Manual
 - Fact-Checking eBook Content of Honeywell Pro 8000 Installation 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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