

CompleteHeat SYSTEM

The CompleteHeat™ system consists of the HM30 heating module and the AM30 air handling module. When used together, the CompleteHeat components offer high-efficiency space and hot water heating. The CompleteHeat system is available in space heating capacities of 40,000 to 120,000 Btuh and the heat module is available in inputs of 100,000 and 150,000 Btuh. Refer to EHB for proper sizing.

The HM30 makes available hot water for both domestic water and space heating upon demand. The tank stores 30 U.S. gallons (114L) of hot water at adjustable temperatures ranging from 110°F to 160°F (43°C to 71°C). The HM30 is capable of operating as a stand-alone water heater as well as part of the CompleteHeat system. The HM30 may also be used without the AM30, to provide hot water for radiant floor heating systems (refer to Application Manual). Units are factory equipped for either natural (-1, -3, and -5 units) or propane (-2P and -4 units) gas applications. HM30-4 and -5 models are equipped with an expansion tank and inlet water regulator valve.

The AM30 is a multi-position air handling unit which may be installed in upflow, downflow or horizontal applications. The AM30 circulates hot water from the HM30 through its coil. The AM30 supply blower extracts the heat from the coil and distributes the heated air throughout the conditioned space.

Information contained in this manual is intended for use by Lennox service technicians only. All specifications are subject to change. Procedures outlined in this manual are presented as a recommendation only and do not supersede or replace local or state codes. In the absence of local or state codes, the guidelines and procedures outlined in this manual are recommended only.

ELECTROSTATIC DISCHARGE (ESD)

Precautions and Procedures

⚠ CAUTION

Electrostatic discharge can affect electronic components. Take precautions during unit installation and service to protect the furnace's electronic controls. Precautions will help to avoid control exposure to electrostatic discharge by putting the furnace, the control and the technician at the same electrostatic potential. Neutralize electrostatic charge by touching hand and all tools on an unpainted unit surface, such as the gas valve or blower deck, before performing any service procedure.



CompleteHeat
HEATING SYSTEM

TABLE OF CONTENTS

Introduction	Page 1
Specifications	Page 2
Electrical Data	Page 4
Heating Efficiency	Page 4
Blower / Heating Performance	Page 4
Vent Pipe Sizing	Page 9
I General Information	Page 11
II HM30 Components	Page 11
III AM30 Components	Page 20
IV Optional Equipment	Page 22
V Start Up	Page 23
VI Servicing Pump	Page 25
VII System Service Checks	Page 25
VIII AM30 Characteristics	Page 28
IX Maintenance	Page 30
X Wiring / Operating Sequence	Page 33
XI Troubleshooting	Page 40

Lennox Furnace Repair Manual

United States. Patent Office

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Table of Contents Lennox Furnace Repair Manual

1. Understanding the eBook Lennox Furnace Repair Manual
 - The Rise of Digital Reading Lennox Furnace Repair Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Lennox Furnace Repair 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 Lennox Furnace Repair Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Lennox Furnace Repair Manual
 - Personalized Recommendations
 - Lennox Furnace Repair Manual User Reviews and Ratings
 - Lennox Furnace Repair Manual and Bestseller Lists
5. Accessing Lennox Furnace Repair Manual Free and Paid eBooks

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