

### UNIT INFORMATION

Corp. 9821-L12 Revised 08-2004

## CompleteHeat

#### 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 HMS0 makes available but 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 sadiant. 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 requlintor varives.

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.

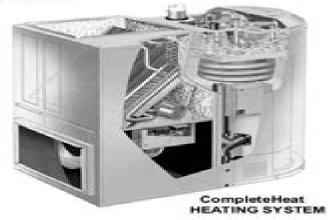
Information contained in this manual is intended for use by Lennox service technicians only. All specifications are subject to change. Procedures outlined in this manual are presented as a recommendation only and do not supersede or replace local or state codes. In the absence of local or state codes,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

#### ELECTROSTATIC DISCHARGE (ESD)

Precautions and Procedures

#### A 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.



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# **Lennox Furnace Repair Manual**

**United States. Patent Office** 

#### **Lennox Furnace Repair Manual:**

High-efficiency Gas Furnace Troubleshooting Handbook Billy C. Langley, 1991 Catalog of Copyright Entries HVAC Troubleshooting Guide Rex Miller, 2009-02-10 A Practical On the Job HVAC Guide Applicable to ,1931-07 residential commercial and industrial jobs this essential handbook puts a wealth of real world information at your fingertips HVAC Troubleshooting Guide shows you how to read interpret and prepare schedules mechanical plans and electrical schematics This handy resource will aid you in your everyday tasks and keep you up to date with the latest facts figures and devices The book includes numerous illustrations tables and charts troubleshooting tips safety precautions resource directories and a glossary of terms HVAC Troubleshooting Guide helps you Identify and safely use tools and equipment both new and old Use heat pumps and hot air furnaces Calculate ventilation requirements Work with refrigeration equipment and the new refrigerants Utilize control devices including solenoids and relays Operate select and repair electric motors Work with condensers compressors and evaporators Monitor the flow of refrigerant with valves tubing and filters Comply with the Section 608 refrigerant recycling rule Program thermostats Insulate with batts sheet tubing covers and foam Work with solid state controls Understand electrical and electronic symbols used in schematics **Heating & Air Conditioning Popular Mechanics**, 1990-09 Popular Mechanics inspires instructs and influences readers to help Contractor ,1928 them master the modern world Whether it's practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle Commercial Heating and Air Conditioning Troubleshooting Lennox Furnace Company, 1991 Index of patents, 1926 Contractors & **Engineers Magazine** ,1956 Catalog of Copyright Entries. Part 1. [B] Group 2. Pamphlets, Etc. New Series Library of Congress. Copyright Office, 1982 Contractors and Engineers .1956 American Artisan .1917

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