

### 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.

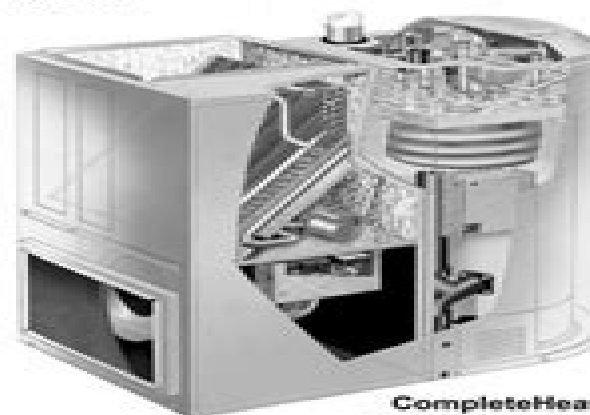
Information contained in this manual is intended for use by Lennox service technicians only. All specifications are subject to change. Procedures outlined in this manual are presented as a recommendation only and do not supersede or replace local or state codes. In the absence of local or state codes,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

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# Lennox Complete Heat Hm30 Service Manual

**Lennox Industries**



**Lennox Complete Heat Hm30 Service Manual:**

*Warm Air Heating for Climate Control* William B. Cooper, 2003 For one two semester beginning intermediate level courses in Forced Air Heating using gas fuel oil electricity and heat pump fuel sources This text offers a complete guide to the installation maintenance and service of gas oil and electric forced warm air heating and heat pump systems It explores in great detail a large base of newer as well as traditional equipment using the principles and practices of older furnaces as a means of understanding the newer electronically controlled high efficiency furnaces It explores in detail the operation and diagnosis of controls from the thermocouple to the SmartValve R and provides a complete overview of all aspects of residential and light commercial heating

**Lennox Service Literature** Lennox Industries, 1995      **Warm Air Central Heating** Lennox Industries Limited, 1969

## Unveiling the Magic of Words: A Review of "**Lennox Complete Heat Hm30 Service Manual**"

In a global defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their power to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Lennox Complete Heat Hm30 Service Manual**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve to the book is central themes, examine its distinctive writing style, and assess its profound effect on the souls of its readers.

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