LENNOX®

49M55
49M56
49M57

DELUXE
PROGRAMMABLE
THERMOSTATS

User's Manual

Menu Driven Display

Fully Programmable

24 VAC with Worry-Free
Memory Storage

English, Spanish or
French Display Option

110-1051B
504, 682M

Two Year Warranty

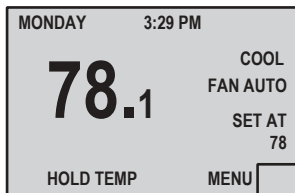# IMPORTANT SAFETY INFORMATION

WARNING:

- Always turn off power at the main power source by unscrewing fuse or switching circuit breaker to the off position before installing, removing, or cleaning this thermostat.
- Read all of the information in this manual before programming this thermostat.
- This is a 24V AC low-voltage thermostat. Do not install on voltages higher than 30V AC.
- All wiring must conform to local and national building and electrical codes and ordinances.
- Do not short (jumper) across terminals on the gas valve or at the system control to test installation. This will damage the thermostat and void the warranty.
- This thermostat is equipped with automatic compressor protection to prevent potential damage due to short cycling or extended power outages. The short cycle protection provides a 5-minute delay between heating or cooling cycles to prevent the compressor from being damaged.
- Do not switch system to cool if the temperature is below 45°F (7°C). This can damage the cooling system and may cause personal injury.
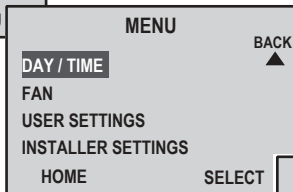- Use this thermostat only as described in this manual.

TABLE OF CONTENTS

How do I change the time of day and day of the week?

MONDAY	3:29 PM
78.1	COOL
	FAN AUTO
	SET AT
	78
HOLD TEMP	MENU

From the main screen press MENU.

MENU	
	BACK ▲
DAY / TIME	
FAN	
USER SETTINGS	
INSTALLER SETTINGS	
HOME	SELECT

Use the UP or DOWN arrows to highlight DAY/TIME.
Press SELECT.

SET DAY & TIME	
DAY	**FRIDAY**
HOUR	12 PM
MINUTES	06
MAIN MENU	SET

Use the UP or DOWN arrow to highlight DAY, HOUR or MINUTES. Press SET.

Use the UP or DOWN arrow to scroll through the days of the week, hours or minutes.
Press SET to select desired value.
Press MAIN MENU when complete.

SET DAY & TIME	
DAY	**FRIDAY**
HOUR	12 PM
MINUTES	31
MAIN MENU	SET
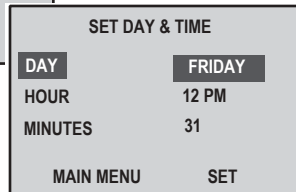
How do I turn on the heating or cooling cycles?

MONDAY   3:29 PM

78.1

COOL
FAN AUTO
SET AT
78

HOLD TEMP   MENU

From the main screen press MENU.

MENU

PROGRAM
HEAT / COOL
DAY / TIME
FAN
HOME   ▼ MORE   SELECT
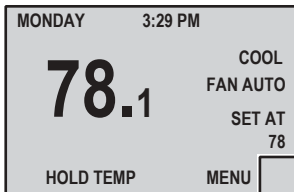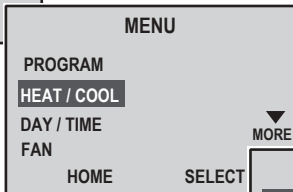
Use the UP or DOWN arrows to highlight HEAT/COOL.
Press SELECT.

HEAT / COOL SETTINGS

HEAT
COOL
AUTO
EMERGENCY HEAT
MAIN MENU   SELECT
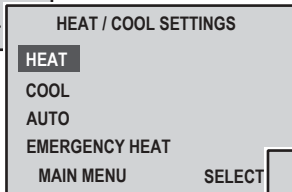
Use the UP or DOWN arrows to highlight HEAT, COOL
or AUTO. Press SELECT. The SELECT button will turn
on or off the desired cycle. You do not have to turn off
HEAT to turn on COOL. When HEAT or COOL or AUTO
is turned on, all others are automatically shut off. After
pressing the SELECT button, the main screen will
automatically appear.

NOTE: Emergency heat is only used on the 49M57 model.
Emergency heat should only be used if the primary stage of heating cannot
maintain the temperature of the conditioned space.

HEAT / COOL SETTINGS

HEAT
COOL
AUTO
EMERGENCY HEAT
MAIN MENU   SELECT

How do I cycle the fan?

MONDAY	3:29 PM	
		COOL
78.1		FAN AUTO
		SET AT
		78
HOLD TEMP	MENU	

From the main screen press MENU.
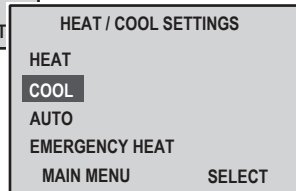
MENU	
PROGRAM	
HEAT / COOL	
DAY / TIME	▼
FAN	MORE
HOME	SELECT
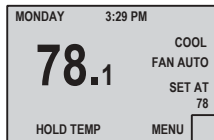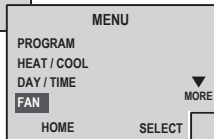
Use the UP or DOWN buttons until FAN is highlighted. Press SELECT.

FAN MENU	
FAN SETTINGS	
FAN PROGRAM	
MAIN MENU	SELECT
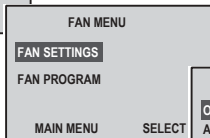
Use the UP or DOWN buttons to highlight FAN settings. Press SELECT.

FAN SETTINGS	
ON	
AUTO	
INTERMITTENT	
MAIN MENU	SELECT
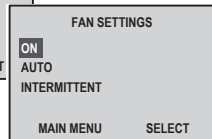
Three choices are available:
ON will turn the fan on continuously.
AUTO will turn the fan on only when there is a call for heating or cooling.
INTERMITTENT will turn the fan on for a set period of time for a given interval. Highlight the choice you desire and press SELECT.

How does INTERMITTENT FAN work?

INTERMITTENT FAN		
ON	TIME	5 MIN
OFF	TIME	20 MIN
FAN MENU		SELECT
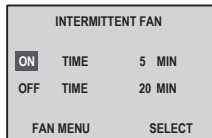
INTERMITTENT will turn the fan on for a set period of time for a given interval.

The thermostat will cycle the fan on for the set ON cycle. The fan will remain off for the set OFF cycle.

If the HVAC system runs for a longer period than the ON cycle, the OFF cycle will start counting over again when the system shuts off.

How do I temporarily change the temperature?

MONDAY	3:29 PM
78.1	COOL FAN AUTO SET AT 78
HOLD TEMP	MENU
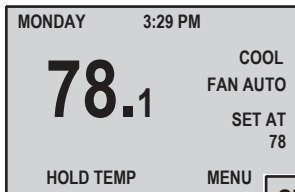
From the main screen, press the UP or DOWN button. The screen will change to the following.

SET TEMPERATURE AT	
70.0 °F ▲ UNTIL 6:29 PM ▼	
HOME	SET TEMP
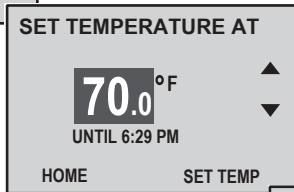
Use the UP or DOWN button to adjust to the desired temperature. This is a temporary 3-hour hold or until the next programmed event, whichever is shorter. For a longer duration see page 9.

SET AT 70°F UNTIL 6:29 PM	
70.5 °F OUTSIDE 24˚F	COOL FAN AUTO
RESUME PROGRAM	MENU
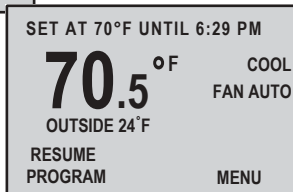
After pressing the SET TEMP button or after 5 seconds the screen will indicate the new setpoint and its duration. To return to the normal operating program mode, press RESUME PROGRAM.

Note: Temporary temperature changes override the Auto changeover function.

7

Can I set a temporary adjustment for longer than 3 hours?

MONDAY   3:29 PM

78.1
COOL
FAN AUTO
SET AT
78

HOLD TEMP   MENU
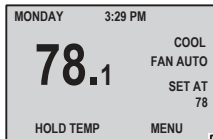
Yes you can! Press the HOLD TEMP button. The following screen appears.

HOLD SETTINGS

PERMANENT HOLD
TEMPORARY HOLD
VACATION HOLD
HOME   SELECT
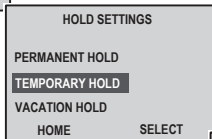
Press the DOWN button to highlight TEMPORARY HOLD. Press SELECT.

TEMPORARILY AT

70.0 **°F**
UNTIL 3:49 PM

HOME   SET TEMP
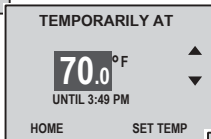
The temperature should be highlighted.
Press the UP or DOWN button to adjust
the temperature. Press SET TEMP.

TEMPORARILY AT

70.0 **°F**
UNTIL 3:49 PM

HOME   SET TIME

The time should be highlighted. Press the UP or
DOWN button to adjust the time. Press SET TIME.

SET AT 70°F UNTIL 8:29 PM

77.0 **°F**
COOL
FAN AUTO

RESUME
PROGRAM   MENU
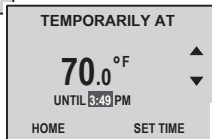
The main screen will now indicate a TEMPORARY HOLD until the
desired time. Press RESUME PROGRAM to return to the program
operating mode.
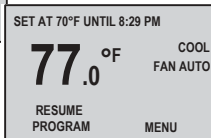
Can I set the thermostat to hold one temperature indefinitely?

MONDAY	3:29 PM
78.1	COOL FAN AUTO SET AT 78
HOLD TEMP	MENU
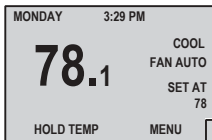
You can do that too! From the main screen press the HOLD TEMP button. The following screen appears.

HOLD SETTINGS

PERMANENT HOLD
TEMPORARY HOLD
VACATION HOLD

HOME   SELECT
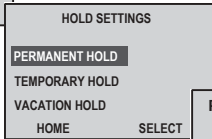
The PERMANENT HOLD feature should be highlighted. If it is not, use the UP or DOWN arrow to highlight it. Press SELECT.

PERMANENTLY AT

70.0 °F ▲ ▼

HOME   SET TEMP
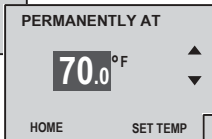
Use the UP or DOWN arrow to set the temperature to the desired level. Press SET TEMP.

PERMANENTLY SET AT 71.0°F	
70.0 °F OUTSIDE 24°F	COOL FAN AUTO
RESUME PROGRAM	MENU
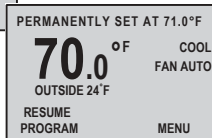
The main screen will now indicate a PERMANENT HOLD. Press RESUME PROGRAM to return to the program operating mode.

How do I return to the Program Mode after being in HOLD?

PERMANENTLY SET AT 71.0°F	
70.0 °F OUTSIDE 24°F	COOL FAN AUTO
RESUME PROGRAM	MENU
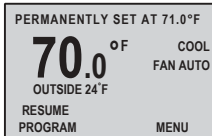
Simply press the RESUME PROGRAM button. This works from all HOLD screens.

How do I set the Vacation Mode?

MONDAY	3:29 PM	
78.₁		COOL
		FAN AUTO
		SET AT
		78
HOLD TEMP	MENU	
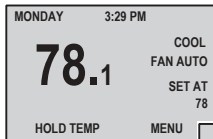
Take a trip and don't worry about the temperature! From the main screen press the HOLD TEMP button. The following screen appears.

HOLD SETTINGS

PERMANENT HOLD
TEMPORARY HOLD
VACATION HOLD

HOME   SELECT
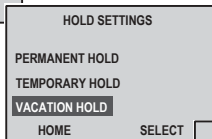
Use the UP or DOWN arrow to highlight the VACATION HOLD feature. Press SELECT.

VACATION SETTING

70.₀ °F ▲
▼
FOR 7 DAYS

HOME   SET TEMP
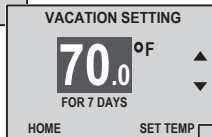
The temperature should be highlighted. Use the UP or DOWN arrow change to the desired temperature. Press SET TEMP.

The number of days should be blinking. Use the UP or DOWN arrow to set the length of your vacation. Press SET DAY.

VACATION SETTING

70.₀ °F ▲
▼
FOR 7 DAYS

HOME   SET DAY
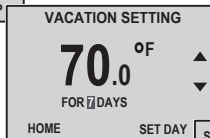
The main screen will now indicate the VACATION settings. Press RESUME PROGRAM to cancel and return to the program operating mode.

SET AT 70°F FOR 7 DAYS

77.₀ °F   COOL
                              FAN AUTO
OUTSIDE 24°F

RESUME
PROGRAM   MENU

How do I program my thermostat?

MONDAY   3:29 PM

78.1

COOL
FAN AUTO
SET AT
78

HOLD TEMP   MENU
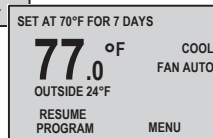
From the main screen press the MENU button.

MENU

PROGRAM
HEAT / COOL
DAY / TIME   ▼
FAN   MORE

HOME   SELECT
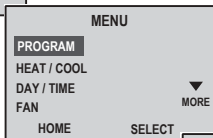
Use the UP or DOWN button to highlight PROGRAM. Press SELECT.

SELECT PROGRAM DAYS

MON TO SUN
MON TO FRI
SAT TO SUN
MONDAY   ▼
                          MORE

MAIN MENU   SELECT
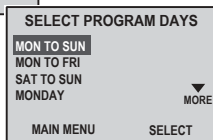
You can select a variety of programming. Make your selection and press SELECT. MON-SUN allows every day to be set the same. MON-FRI allows for weekday programming while SAT-SUN will adjust weekends differently. You also can select each day of the week individually. NOTE: Even if you select MON-SUN, you still can go back and change individual days to suit your lifestyle.

MONDAY PROGRAM

		HEAT	COOL
WAKE	06:30A	70.0	78.0
MORN	08:30A	62.0	85.0
EVE	04:30P	70.0	78.0
NIGHT	10:30P	62.0	82.0

MAIN MENU   SELECT ▼

Use the UP or DOWN button to select the event to program. The thermostat can be selected for 2, 4, or 6 events per day. See USER SETTINGS for EVENTS PER DAY selection. After selecting the event to program, press SELECT.

Please go to the next page for a continued discussion on "How to program your thermostat."

How do I program my thermostat? (Con't.)

MONDAY PROGRAM		HEAT	COOL
WAKE	**06:00A**	70.0	78.0
MORN	08:30A	62.0	85.0
EVE	04:30P	70.0	78.0
NIGHT	10:30P	62.0	82.0
MAIN MENU		SET TIME ▼	

The time for the first event should be highlighted. Use the UP or DOWN key to change the time. Press SET TIME.

MONDAY PROGRAM		HEAT	COOL
WAKE	06:30A	**70.0**	78.0
MORN	08:30A	62.0	85.0
EVE	04:30P	70.0	78.0
NIGHT	10:30P	62.0	82.0
MAIN MENU		SET HEAT ▼	

The heating setpoint for the first event will be highlighted. Use the UP or DOWN key to change the desired temperature. Press SET HEAT.

MONDAY PROGRAM		HEAT	COOL
WAKE	06:30A	70.0	**78.0**
MORN	08:30A	62.0	85.0
EVE	04:30P	70.0	78.0
NIGHT	10:30P	62.0	82.0
MAIN MENU		SET COOL ▼	

The cooling setpoint for the first event will be highlighted. Use the UP or DOWN key to change the desired temperature. Press SET COOL.

The second event will now be highlighted. Use the UP or DOWN key to change events if desired. When the desired event is highlighted, press SELECT. Continue programming until all events are programmed.

MONDAY PROGRAM		HEAT	COOL
WAKE	06:30A	70.0	78.0
MORN	08:30A	62.0	85.0
EVE	04:30P	70.0	78.0
NIGHT	10:30P	62.0	82.0
MAIN MENU		SELECT ▼	

How do I copy one day's program to another day?

MONDAY PROGRAM ▲		
	HEAT	COOL
MORN 08:30A	62.0	85.0
EVE 04:30P	70.0	78.0
NIGHT 10:30P	62.0	82.0
COPY		
MAIN MENU	SELECT	

In the program screen, press the DOWN button until COPY is highlighted.

COPY MONDAY TO	
TUESDAY	YES
WEDNESDAY	
THURSDAY	
FRIDAY	YES ▼
FINISHED	YES / NO

Use the UP or DOWN button to highlight the day to copy to. Press YES / NO. A YES will appear next to the day. Do this for each day to which that program is to be copied. Press FINISHED when complete.

After pressing FINISHED, you can choose to program other days or exit. YES will take you back to the Select Program Days screen. NO will exit you to the main screen.

CONTINUE PROGRAMMING?	
NO	YES

What is an event?

An event is a programming period. This could be the period in the morning when you are preparing for work or school. It could be the period when no one is at home. It could be the period when the household is asleep at night.

The time for an event is selected based on when you want the event to occur. For example, if you wake up at 6:30 AM, set the first event for 6:30 AM. The thermostat will automatically make sure that your home is at the desire temperature selected for that event by the time you wake.

This thermostat can be selected for 2, 4, or 6 events.

Two events should be selected if someone is home all day thereby requiring a constant temperature during the day and a different temperature at night.

Four events are the most common for working households. Event 1 (WAKE) is the morning period. Event 2 (DAY) is when everybody has left for school or work. Event 3 (EVE) is the return period, coming home from school or work. Event 4 (NIGHT) is the night period when everybody is asleep.

Six events can be used especially when there is activity during the day. Event 1 (WAKE) is the morning period. Event 2 (MORN) is when everybody has left for school or work. Event 3 (NOON) is the lunch period, when the kids may be home for a break. Event 4 (DAY) is the afternoon period when the house is empty. Event 5 (EVE) is the return period, coming home from school or work. Event 6 (NIGHT) is the night period when everybody is asleep.

How do I know what program is right for me?

The thermostat is set up with the US EPA ENERGYSTAR® recommended times and temperatures for optimal energy savings. You can change these to suit your lifestyle.

The best rule is to examine your schedule and set the times and temperatures that best fit. This thermostat is so versatile, you can easily temporarily change temperatures or programs at a whim.

What are the USER settings?

```
MONDAY        3:29 PM

                    COOL
78.1            FAN AUTO
                  SET AT
                      78

HOLD TEMP        MENU
```
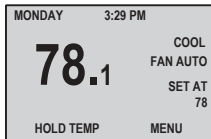
The USER SETTINGS can change the way information is displayed on the thermostat and help to optimize comfort. It's one way to truly personalize your new thermostat.

```
            MENU
HEAT / COOL          BACK
DAY / TIME            ▲
FAN
USER SETTINGS        ▼
                    MORE
HOME           SELECT
```
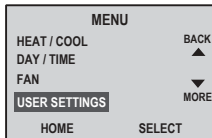
To get to the USER SETTINGS, press the MENU button from the main screen.

USER SETTINGS are below the FAN settings. Use the DOWN button to scroll below the screen. Press SELECT.

Choose the setting you would like to change. When the SETTING is highlighted, press SELECT. There are 13 USER SETTINGS in all as listed below. For detailed information on each user setting, please go to the next page.

```
   USER SETTINGS MENU

F OR C                   ˚F
12 OR 24hr               12
SHOW SET TEMP           YES
EVENTS / DAY             4

MAIN MENU      SELECT  ▼
```

```
   USER SETTINGS MENU    ▲

1ST STAGE DIFF         1˚F
2ND STAGE DIFF         2˚F
2ND DELAY               20
COOLING LIMIT         45˚F

MAIN MENU      SELECT  ▼
```

```
   USER SETTINGS MENU    ▲

COOLING LIMIT         68˚F
HEATING LIMIT         78˚F
LANGUAGE               ENG
SECURITY               OFF

MAIN MENU      SELECT  ▼
```
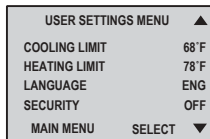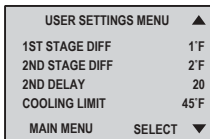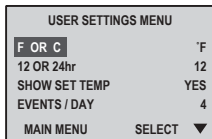
Detailed Information on the USER SETTINGS (Or what do these USER SETTINGS do?)
To select a USER SETTING, use the UP or DOWN button to highlight the desired value. Press SELECT to select desired value.
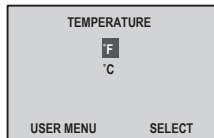
TEMPERATURE **˚F** **˚C** **USER MENU SELECT**	TEMPERATURE: Fahrenheit or Celsius Temperature will be displayed in F or C.
CLOCK **12 HOUR** **24 HOUR** **USER MENU SELECT**	CLOCK SETTINGS Displays time in standard 12-hour format or military format.
DISPLAY SET POINT **TEMPERATURE ?** **YES** **NO** **USER MENU SELECT**	SETPOINT TEMPERATURE Each event has a setpoint temperature. Choose whether to display this value or not.
SELECT EVENTS / DAY **EVENTS / DAY 4** **0 6 12 18 24** **USER MENU SELECT**	NUMBER OF EVENTS PER DAY Select events per day. Choose from 2, 4, or 6 events per day.
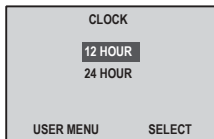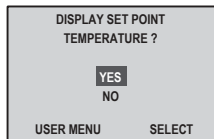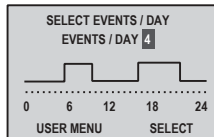
More Detailed Information on the USER SETTINGS.

```
┌─────────────────────────────┐
│   DIFFERENTIAL SETTING      │
│                             │
│  1ST DIFF          1˚F      │
│  2ND DIFF          2˚F      │
│  2ND DELAY        20 MIN    │
│                             │
│  USER MENU        SELECT    │
└─────────────────────────────┘
```

DIFFERENTIAL SETTINGS
The temperature differential is your comfort level. A lower differential means your system may cycle with greater frequency but will control closer to desired setpoint temperature.The second stage delay is a timed delay to indicate how much time should pass before the second stage is turned on. This is an energy saving feature. To use less energy, set this higher. For greater comfort, set it lower.

```
┌─────────────────────────────┐
│    SET COOLING LIMIT        │
│                             │
│  LOWEST COOLING    45 ˚F    │
│  SETTING ALLOWED            │
│                             │
│  USER MENU        SELECT    │
└─────────────────────────────┘
```

```
┌─────────────────────────────┐
│    SET HEATING LIMIT        │
│                             │
│  HIGHEST HEATING   90 ˚F    │
│  SETTING ALLOWED            │
│                             │
│  USER MENU        SELECT    │
└─────────────────────────────┘
```

HEATING and COOLING LIMITS
To prevent individuals (probably your kids) from adjusting the thermostat too hot or too cold, you can limit the maximum setting for the heating and cooling modes. This will help you save on energy costs.

```
┌─────────────────────────────┐
│    SELECT A LANGUAGE        │
│                             │
│  ENGLISH                    │
│  ESPAÑOL                    │
│  FRANÇAIS                   │
│                             │
│  USER MENU        SELECT    │
└─────────────────────────────┘
```

LANGUAGE SETTING
This screen allows you to choose the displayed language; English, French, or Spanish.

More Detailed Information on the USER SETTINGS.

SECURITY
CHANGE TEMP. ONLY
PREVENT ALL CHANGES
USER MENU   SELECT
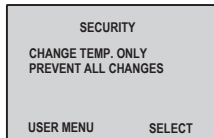
SECURITY SETTINGS
In order to prevent tampering with the program and your desired settings, two levels of security are available.The first will allow only temporary changes to the temperature. It protects all other programmed setpoints. The second will restrict changes to EVERYTHING, including temporary changes to the temperature.

ENTER SECURITY CODE
FOR TEMPERATURE
0 0 0 0
USER MENU   SELECT

SECURITY CODE
In this screen you enter a four-digit code. Use the UP or DOWN button to change the first value, press SELECT. The second digit will be highlighted. Repeat for all four values. And don't forget your code. If you do, you will have to reset the entire thermostat and that will erase all the schedules you've programmed into the unit.

When would I need to change the USER settings?

About the only features you may need to change are the temperature differentials (if you desire additional comfort) and the security settings. All the other settings probably will not need to be changed.

What are the INSTALLER settings?

The INSTALLER SETTINGS are setup during the initial installation. They tell the thermostat how to function with your heating or cooling equipment. The following is a brief overview and discussion of these settings.

INSTALLER SETTINGS	
SYSTEM SETUP	GAS
RESIDUAL COOL	60
LOW BALANCE	45˚F
HIGH BALANCE	95˚F
HOME	SELECT ▼

INSTALLER SETTINGS	▲
AUTOCHANGEOVER	OFF
EER	ON
DEADBAND	3˚F
SECURITY	OFF
HOME	SELECT ▼

INSTALLER SETTINGS	▲
SECURITY	OFF
CONTACT INFO	
SERVICE INT	
REMINDER	RUN
MAIN MENU	SELECT ▼

SYSTEM SETUP	
FURNACE	
HEAT PUMP	
INSTALL MENU	SELECT

SYSTEM SETUP
Choose the system component which the thermostat will control.

1ST STAGE HEATING	
GAS / OIL	
ELECTRIC	
INSTALL MENU	SELECT

1st STAGE HEATING
The 49M55 and the 49M56 can have a gas/oil or electric first stage heating.
Choose the energy source for 1st stage heating.

INSTALLER settings (continued)

```
AUXILIARY HEAT

STANDARD - COMP. =ON
ADD ON - COMP. =OFF

INSTALL MENU    SELECT
```

AUXILIARY HEAT
The 49M57 can be set to use your 2H/2C heat pump internal auxiliary heating or to use an external add-on source. The add-on feature will be used most often when a single stage heat pump uses a gas or electric furnace as its second stage of heating.

```
RESIDUAL COOL

SECONDS DELAY    0

INSTALL MENU    SELECT
```

RESIDUAL COOL
In order to get greater efficiency from the cooling system, the fan can be programmed to run for 0 (OFF), 30, 60, 90, or 120 seconds after the air conditioner has shut off. Residual cool may interfere with proper system operation. Refer to the system operating manual.

```
BALANCE POINTS

LOW BALANCE     45 °F
HIGH BALANCE    95 °F

INSTALL MENU    SELECT
```

BALANCE POINTS
This screen will appear only when the optional outdoor sensor (46M98) is connected to the thermostat. When this sensor is used with the 49M57, you can set the lower and upper temperatures to disable or enable 2nd stage heat.

```
AUTO CHANGEOVER

DISABLE
ENABLE

INSTALL MENU    SELECT
```

AUTO CHANGEOVER
When turned on, the thermostat will switch automatically between heating and cooling to maintain the optimal temperature in your home.

INSTALLER settings (continued)

```
ENERGY EFFICIENT
RECOVERY

DISABLE
ENABLE

USER MENU        SELECT
```

ENERGY EFFICIENT RECOVERY
When turned on, the thermostat will look up to two hours before the next event and anticipate when to turn on to reach the desired temperature.

```
DEADBAND SETPOINT

        ▲
   3 °F
        ▼

USER MENU        SELECT
```

DEADBAND SETPOINT
Deadband is used with the AUTO CHANGEOVER feature. The deadband is the temperature difference from the setpoint temperature during which the heating or cooling will not be turned on. This is adjustable from 2-8°F (1.0-4°C).

```
ENTER SECURITY CODE

FOR INSTALLER

SETTINGS         ▲
   0 0 0 0
                 ▼

USER MENU        SELECT
```

SECURITY CODE
Enter a code to prevent changes to the INSTALLER settings.

```
CONTACT INFORMATION

AIR EXPERTS
1-555-555-1212


BACK          EDIT
```

CONTACT INFORMATION
This allows the servicing HVAC contractor to put their name and phone number into the thermostat to remind you when service may be required.

```
SERVICE MONITOR MENU

SERVICE MONITOR    980
FILTER MONITOR     980


INSTALL MENU    SELECT
```

SERVICE MONITOR MENU
Two menus are available, the Service Monitor and the Filter Monitor. Both can be set for either the HVAC system run time or based on the calendar. See Reminder Interval.

The Service Monitor can be set from OFF to 360 Days in 30 day increments or OFF to 980 in 20 hour increments.

The Filter Monitor can be set from OFF to 360 Days in 30 day increments or OFF to 980 in 20 hour increments.

```
REMINDER PERIOD

RUN TIME
CALENDAR TIME


INSTALL MENU    SELECT
```

REMINDER INTERVAL
The Reminder Interval can be set for either HVAC System run time or based on the calendar.

If Run Time is chosen, the service reminder will be set in hours. After the HVAC system has been operating for the selected number of hours, a Service Reminder will be displayed informing you that service is suggested for your system.

If Calendar Time is chosen, the service reminders will be set in days. After the selected number of days has passed, a Service Reminder will be displayed informing you that service is suggested for your system.

When would I need to change the INSTALLER settings?

NEVER! The INSTALLER SETTINGS are selected based on the type of equipment you have in your home. This feature should be set only by a certified HVAC technician. Changing these settings could result in higher energy costs and may even damage your equipment. There is a security lock on this feature to prevent tampering. USE IT!

How does Energy Efficient Recovery™ (EER™) work?

Energy Efficient Recovery™ is an energy saving feature. During a set back period (or set up in cooling), it allows the thermostat to look up to two hours ahead to determine when to turn on the heating (cooling) system. During this time period, the second stage is locked out to allow the first (and most efficient stage) to bring your home to the desired temperature.

How does my remote outdoor sensor work?

The remote outdoor sensor (part # 46M98) can be used to aid in the comfort of your home or simply as a sensing device to inquire about outdoor conditions. In most applications, the thermostat will have a display of the temperature sensed by the remote outdoor sensor. With your heat pump system, the remote outdoor sensor can help determine when to turn on the second stage of heating for optimal comfort.

Where should I install a remote outdoor sensor?

The remote outdoor sensor should be installed on the northern wall of your home, away from direct sunlight or other heat sources that may affect its sensitivity.

Who should I call for additional help?

For additional troubleshooting information, visit our web site at www.lennox.com. To talk with a service representative, give us a call at 800-9LENNOX.

What should I do if my power goes out?

Make sure your family is safe and don't worry about the thermostat. Your thermostat automatically retains the time of day for approximately two hours in the event of a power outage. All other programmed parameters are stored permanently in memory. So, if your power is out for more than two hours, simply reset the clock. See page 5.

How do I reset the thermostat program to factory conditions?

To reset the thermostat to factory conditions, press the UP button and the LEFT button at the same time. Hold for 3 seconds. The time of day will display 12:00 indicating a reset has occurred.

NOTE: This will erase all programming and return the thermostat to the factory conditions including the installer settings. Use this only as a last resort.

How do I know if the heating or cooling is on?

The display of the thermostat will indicate the operating mode, HEAT or COOL. When the temperature in your home decreases or increases, the HEATING or COOLING cycle will come on based on the displayed mode. When the HVAC system is ON, LEDs along the bottom crease will turn on.

My energy bills are too high. Is there anything I can do?

While we can't do anything about the high cost of energy, we can try to use less energy thereby lowering our heating and cooling costs.

Generally, the best way to do this is to use the EPA ENERGYSTAR® recommended setpoints for heating and cooling.

	ENERGYSTAR® Setpoints	
	Winter	Summer
	(Heating)	(Cooling)
Morning	70°F (21°C)	78°F (25°C)
Day	62°F (17°C)	85°F (29°C)
Evening	70°F (21°C)	78°F (25°C)
Night	62°F (17°C)	82°F (28°C)

Another way to contain costs is to cycle the heat pump or air conditioner with moderation. The thermostat controls the cycle rate based on temperature differentials. By maintaining a reasonable differential setpoint, 1°F for 1st stage and 2°F for 2nd stage, your furnace will cycle with moderation.

Finally, using the remote outdoor sensor coupled with the balance point feature (see INSTALLER SETTINGS, page 19) will allow your furnace to cycle to the most efficient stage for your heating or cooling needs.

NOTES

NOTES

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504, 682M