



Follow the <u>Installation Instructions</u> before proceeding. Set the thermostat mode to "OFF" prior to changing settings in setup or restoring Factory Defaults.

<u>NOTE:</u> Due to variations in environmental conditions, it is not always possible to achieve the desired humidification or dehumidification setpoint.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.





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Glossary of Terms

Auto-Changeover: A mode in which the thermostat will turn on the heating or cooling based on room temperature demand.

Cool Setpoint: The warmest temperature that the space should rise to before cooling is turned on (without regard to deadband).

Deadband: The number of degrees the thermostat will wait, once a setpoint has been reached, before energizing heating or cooling.

Dehumidify: To reduce the amount of moisture in the air.

Differential: The forced temperature difference between the *heat set-point* and the *cool setpoint*.

Heat Setpoint: The coolest temperature that the space should drop to before heating is turned on (without regard to deadband).

Humidify: To increase the amount of moisture in the air.

Icon: The word or symbol that appears on the thermostat display.

Mode: The current operating condition of the thermostat (i.e. Off, Heat, Cool, Auto, Program On).

Non-Programmable Thermostat: A thermostat that does not have the capability of running *Time Period Programming*.

Programmable Thermostat: A thermostat that has the capability of running *Time Period Programming*.

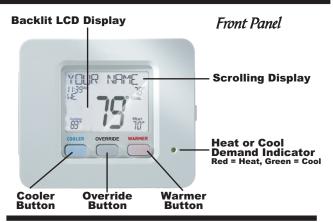
Reheat: Running the cooling and 2nd stage strip heaters at the same time in order to *dehumidify* the air without cooling down the room temperature.

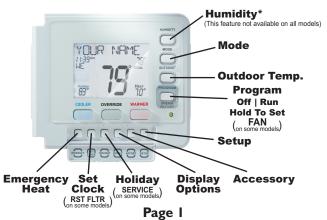
Temperature Swing: Same as Deadband.

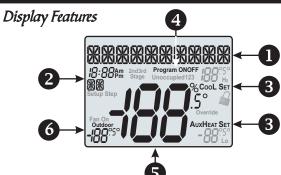
Time Period Programming: A program that allows the thermostat to automatically adjust the *heat setpoint* and/or the *cool setpoint* based on the time of the day.

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- 1 The scrolling display will be used to help you easily navigate the setup screens in the thermostat.
- 2 Clock with Day of the Week Indicates the current time and day. This clock is also used to program the time period schedules.
- 3 Mode Indicators

Selects the operational mode of the equipment. **HEAT** - Indicates the heating mode.

COOL - Indicates the air conditioning mode.

HEAT & COOL - Indicates the system will automatically changeover between heat and cool modes as the temperature varies.

OFF - Indicates heating and cooling is turned off.

4 Program icon

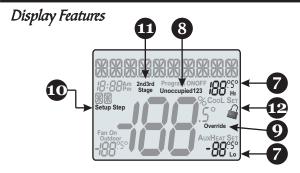
Indicates that Time Period Programming is running or is enabled to be set.

5 Room Temperature Display

Indicates the current room temperature and displays the outdoor temperature when selected.

6 Outdoor icon

Indicates the temperature displayed is from the optional outdoor sensor. Page 2



- Desired Set Temperature Indicates desired room temperature(s). Also displays the highest and lowest temperatures for the day.
- 8 Occupied & Unoccupied icons Indicates the program number: Occupied 1,2,3 or Unoccupied.
- Override icon
 Indicates the program is currently being overridden for up to 4 hours.
- Setup Step icon
 Indicates the step number when the thermostat is in the setup mode.
- 2nd and 3rd Stage icons Indicates what stage of cooling or heating is currently energized.
- icon
 Indicates the keypad has been locked.

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Display Features



- AuxHeat icon
 Indicates 2nd stage electric strip heat is being used when the thermostat is programmed for Heat Pump operation. Only the Aux icon will appear during Cool to Dehumidify to indicate Reheat

Lo icon Indicates the lowest recorded outdoor temperature for the day.

Hi icon Indicates the highest recorded outdoor temperature for the day.

Fan On icon
Indicates constant, continuous fan operation.
When Fan On is not lit - indicates the fan will only operate when necessary to heat or to cool.

Quick Start

During Setup and Programming:

Press the WARMER or COOLER buttons to modify the selection.

Press the MODE button to advance and confirm through the setup steps.



Press the SET CLOCK button. Adjust the clock using the WARMER or COOLER buttons. Press MODE to advance to the day setting. Adjust the day using the WARMER or COOLER buttons. Press the SET CLOCK button to confirm settings.

TIP: To adjust the time by hours press and hold the OUTDOOR button while pressing the WARMER or COOLER buttons.

Selecting the Heat or Cool Mode

Select mode by pressing the MODE button.



Heating Only - The HEAT setting indicates the temperature the room has to reach before the furnace will turn on to heat the room.

Cooling Only - The COOL setting indicates the temperature the room has to reach before the air conditioner will turn on to cool the room.

Heating or Cooling (Auto-Changeover) - AUTO will automatically select heat or cool based on room temperature demand.

OFF - OFF indicates both heating and air conditioning systems are turned off.

Selecting Your Desired Temperature

AUTO-CHANGEOVER MODE - Pressing the WARMER or COOLER buttons in Auto or Program mode will adjust **both** the heat and cool setpoints simultaneously. To adjust heat and cool setpoints individually, choose HEAT mode to adjust the heat setpoint and COOL mode to adjust the cool setpoint, then return to AUTO mode.

HEAT OR COOL MODE - Pressing the WARMER or COOLER buttons in Heat or Cool mode will adjust only the heat or cool setpoints individually displayed.

Quick Start

Using the Override Button



NOTE: Override may only be used when the thermostat is set to PROGRAM ON.

Unoccupied Operation - During programmed, unoccupied periods, pressing the OVERRIDE button will force the thermostat into Occupied 1 settings for 30 minutes. Each press of the OVERRIDE button will add another 30 minutes of time for up to 4 hours. If the maximum time has been set, the next press of the OVERRIDE button will reset the timer and return the thermostat to the correct time period program for the day

Occupied Operation - During programmed, occupied periods, pressing the OVER-RIDE button will force the thermostat into an unoccupied period for the rest of the day. During this forced unoccupied period the OVERRIDE button will operate as described above.

Viewing the Outdoor and Remote Temperature Sensors

OUTDOOR TEMP - Press the OUTDOOR button to view the current outdoor temperature. The high and low temperatures for the day will also be displayed. The high and low temperatures reset at 12:00 am. Press the OUTDOOR button again to display POOL or SPA temperature sensors. Keep pressing the OUTDOOR button to return to normal operation.

Note: If no outdoor sensor is connected, 2 dashes [- -] will appear with the first button press.

REMOTE TEMP - Press the ACCSRY button to enter the accessory setup screen. Press the WARMER button to view linked wireless and wired sensors and other accessories. Press the ACCSRY button to return to the main screen.



Viewing the Indoor Humidity Sensor*(This feature not available on all models)

IMPORTANT: Allow at least 2 minutes after the thermostat is powered on for the humidity to read correctly.



Press the HUMIDITY button to display the current humidity measured at the thermostat. The room relative humidity is displayed in the top left corner. The humidification setpoint appears in the larger center display and can be adjusted using the WARMER or COOLER buttons. Press the HUMIDITY button again to view and adjust the dehumidification setpoints. Press the HUMIDITY button again to confirm settings and return to normal operation.

Note: Due to variations in environmental conditions, it is not always possible to achieve the desired humidification or dehumidification setpoint.

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Remove & Replace the Old Thermostat

To install the thermostat properly, please follow these step by step instructions. If you are unsure about any of these steps, call a qualified technician for assistance.



Assemble tools: Flat blade screwdriver, wire cutters and wire strippers.



Make sure your Heater/Air Conditioner is working properly before beginning installation of the thermostat.



Carefully unpack the thermostat. Save the screws, any brackets, and instructions.



Turn off the power to the Heating/Air Conditioning system at the main fuse panel. Most residential systems have a separate breaker for disconnecting power to the furnace.



Remove the cover of the old thermostat. If it does not come off easily, check for screws.



Loosen the screws holding the thermostat base or subbase to the wall and lift away.



Disconnect the wires from the old thermostat. Tape the ends of the wires as you disconnect them, and mark them with the letter of the terminal for easy reconnection to the new thermo-



Keep the old thermostat for reference purposes, until your new thermostat is functioning properly.

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Wire Connections



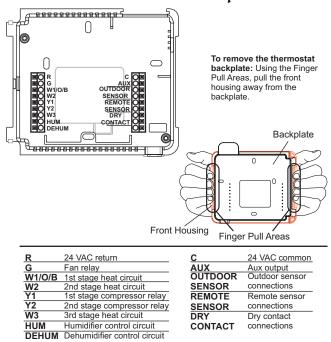
If the terminal designations on your old thermostat do not match those on the new thermostat, *refer* to the chart below or the wiring diagrams that follow.

Wire from the old thermostat terminal marked	Function	Install on the new thermostat connector marked
G or F	Fan	G
Y1, Y or C	Cooling	Y1
W1, W or H	Heating	W1/O/B
Rh, R, M, Vr, A	Power	R
С	Common	С
O/B	Rev. Valve	W1/O/B*
W2	2nd Stage Heat	W2
Y2	2nd Stage Cooling	Y2
W3	3rd Stage Heat	W3
H, HUM	Humidity	HUM
D, DEHUM	Dehumidity	DEHUM
Ck1	Dry Contact Switch	DRY CONTACT
CKGND	Dry Contact Switch	DRY CONTACT

 $^{^{\}ast}$ O/B is used if your system is a Heat Pump.

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The LX Thermostat Backplate

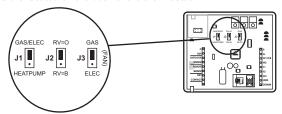


IMPORTANT: This thermostat requires <u>both</u> R (24 VAC Return) and C (24 VAC Common) be connected to the backplate terminals.

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Explanation of Thermostat Jumpers

Jumpers are located on the back of the thermostat





GAS/ELEC GAS/ELEC This jumper configures the thermostat to control a conventional gas/electric system or a heat pump. If your system is anything other than a heat pump, leave this jumper set for GAS/ELEC.*

*For some commercial heat pumps, this jumper will need to be set for GAS/ELEC. Consult the commercial heat pump literature.



When J1 is configured to control a heat pump, this jumper (J2) must be set to control the appropriate reversing valve. If RV=0 is chosen, the W1/O/B terminal will energize in cooling. If RV=B is chosen, the W1/O/B terminal will energize in heating.



When J1 is set for GAS/ELEC:
This jumper (J3) controls how the thermostat will control the Fan (G) terminal in heating mode. When GAS is chosen, the thermostat will not energize the Fan (G) terminal in heating.
When ELEC is chosen the thermostat will energize the fan in tention. heating.

Sample Wiring Diagrams Conventional Heating and Cooling Systems

```
3 Wire, Heat Only
 Residential & Commercial 1 Stage Heating with no Fan.
R
C
W1/O/B
              24VAC Power
24VAC Common
              1st Stage Heat
              Gas/Elec
O (not used)
Gas
J1
J2
J3
       =
```

J1 J2

J3

```
R
C
Y1
G
                                                                              Gas/Elec
                                                                              O (not used)
Gas
                                                              J2
J3
                                                                     =
5 Wire, 1 Stage Cooling, 1 Stage Heat
                                                              5 Wire, 1 Stage Cooling, 1 Stage Heat
 Residential & Commercial 1 Stage Cooling, with 1 stage Gas Heat.
                                                               Residential & Commercial 1 Stage Cooling, with 1 stage Electric Heat.
               24VAC Power
                                                                             24VAC Power
               24VAC Common
1st Stage Heat
1st Stage Cool
                                                                             24VAC Common
1st Stage Heat
1st Stage Cool
C
W1/O/B
                                                              C
W1/O/B
G
                                                                              Fan
```

4 Wire, Cool Only

Residential & Commercial 1 Stage Cooling.

24VAC Power 24VAC Common 1st Stage Cool

Gas/Elec O (not used)

=

```
Fan
                                         G
                                         J1
J2
Gas/Elec
O (not used)
                                         J3
```

```
8 Wire, 2 Stage Cooling, 3 Stage Heat
  Residential & Commercial 2 Stage Cooling, with 3 stage Gas Heat.
R
C
W1/O/B
W2
W3
Y1
Y2
G
                 24VAC Power
24VAC Common
                 1st Stage Heat
2nd Stage Heat
3rd Stage Heat
                 1st Stage Cool
2nd Stage Cool
                  Gas/Elec
J2
                 O (not used)
                 Gas
```

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Sample Wiring Diagrams

Heat Pump Systems

```
5 Wire, 1 Stage Cooling, 1 Stage Heat
Residential & Commercial Heat Pump with
'O' Reversing Valve

R 24VAC Power
C 24VAC Common
W1/O/B Reversing Valve
Y1 1st Stage Compressor
(Cool or Heat)
G Fan

J1 = Heat Pump
J2 = O
J3 = Gas
```

7 Wire, 2 Stage Cooling, 3 Stage Heat

```
6 Wire, 1 Stage Cooling, 2 Stage Heat
Residential & Commercial Heat Pump with
'O'Reversing Valve

R
24VAC Power
C 24VAC Common
W1/O/B Reversing Valve
Y1 1st Stage Compressor
(Cool or Heat)
W2 Aux Heat
G Fan

J1 = Heat Pump
J2 = 0
J3 = Electric
```

```
Residential & Commercial Heat Pump with
'O' Reversing Valve.

R 24VAC Power
C 24VAC Common
W1/O/B Reversing Valve
W2 3rd Stage Heat
Y1 1st Stage Compressor
(Cool or Heat)
Y2 2nd Stage Compressor
(Cool or Heat)
G Fan

J1 = Heat Pump
J2 = 0
J3 = Electric
Setup Step 24 is set to 2
(Number of Compressor Stages)
```

```
8 Wire, 2 Stage Cooling, 4 Stage Heat
Residential & Commercial Heat Pump with
'O' Reversing Valve.

R 24VAC Power
C 24VAC Common
W1/O/B Reversing Valve
W2 3rd Stage Heat
W3 4th Stage Heat
Y1 1st Stage Compressor
(Cool or Heat)
Y2 2nd Stage Compressor
(Cool or Heat)
G Fan

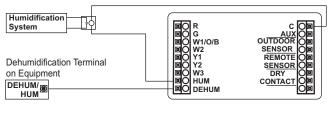
J1 = Heat Pump
J2 = O
J3 = Electric

Setup Step 24 is set to 2
(Number of Compressor Stages)
```

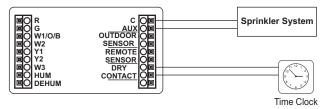
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Sample Wiring Diagrams

Humidification or Dehumidification



Dry Contact and Aux Output



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Installation Instructions: Test Operation

The LX thermostat has a diagnostic feature that enables testing of all outputs. This feature is contained in **Technician Setup**.

To enter Technician Setup, press and hold the SETUP button for 5 seconds until all the icons appear. Follow the next steps to view settings and test equipment.

- 1. Press MODE to view the version numbers of the thermostat.
- Press MODE again to view the jumper settings and current state of the Dry Contact terminals.
- Press MODE again and the scrolling display will read "TURN ON EQUIPMENT?" Press WARMER for Yes or COOLER for No.

If Yes is chosen, press WARMER to turn on heat or COOLER to turn on Cooling. The scrolling display will read "NOTHING ON." Next:

Press WARMER to turn on and cycle up through the heating stages. Press COOLER to turn the heating stages off. Press MODE to exit.

Press COOLER to turn on and cycle down through the cooling stages. Press WARMER to turn the cooling stages off. Press MODE to exit.

- 4. Press MODE until "CALIBRATE SENSORS?" appears on the scrolling display. Press WARMER for Yes or COOLER for No. Press MODE to select which sensor to calibrate. Use WARMER or COOLER to modify your selection.
- Press MODE until "CONTROL HUM?" appears on the scrolling display. Press WARMER for On or COOLER for Off. Press MODE to continue.
- Press MODE until "CONTROL DEHUM?" appears on the scrolling display. Press WARMER for On or COOLER for Off. Press MODE to continue.
- Press MODE until "CONTROL AUX OUT?" appears on the scrolling display. Press WARMER for On or COOLER for Off. Press MODE to exit

To exit Technician Setup at any time, press the SETUP button. Technician Setup will automatically exit after 10 minutes if no buttons are pressed.

User Setup: Backlight Operation

How to Change Settings in the Setup Screens

To enter Advanced Setup, press the SETUP button, then press MODE. Use the WARMER or COOLER buttons to adjust the value of your selection. Press MODE to advance to the next setup step. Press SETUP again to leave the setup screens.



Backlight (Setup Step 3)

The thermostat backlight may be set to be always on, on temporarily with any button press, on throughout the evening, or always off. (For always off, see Backlight Level)

Press the SETUP button, then press MODE repeatedly until the Backlight setup step appears. Use the WARMER or COOLER buttons to make selection. Press MODE to advance to the next step. Press SETUP to leave the setup screens.

Backlight Off - Backlight turns on with any button press and turns off after 8 seconds.

 $\textbf{Backlight On -} \ \, \textbf{Backlight is on continuously}.$

Backlight 6pm to 6am - Backlight turns on at 6pm and turns off at 6am.

Backlight Level (Setup Step 4)

The backlight can be adjusted between always off and seven levels of brightness.

Press the SETUP button, then press MODE repeatedly until the Backlight setup step appears. Use the WARMER or COOLER buttons to adjust the brightness. Press MODE to advance to the next step. Press SETUP to leave the setup screens.

Language (Setup Step 18)

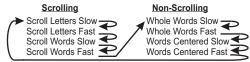
Setup step instructions on the scrolling display can be set for English, Spanish, or French

Press the SETUP button, then press MODE repeatedly until the Language setup step appears. Use the WARMER or COOLER buttons to make selection. Press MODE to advance to the next step. Press SETUP to leave the setup screens.

User Setup: Scrolling Screen and Display Options

Scrolling Display Method (Setup Step 19)

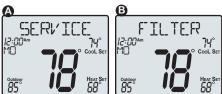
This option allows the user to choose how the scrolling text is displayed. Options are:



Press the SETUP button, then press MODE repeatedly until the Scrolling Method setup step appears. Use the WARMER or COOLER buttons to make selection. Press MODE to advance to the next step. Press SETUP to leave the setup

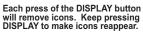


Example of "Whole Words Centered":



Display

This option allows the user to "de-clutter" the thermostat display screen by removing icons from the main display. The room temperature will always be shown. Service information may also be viewed by pressing and holding the DISPLAY button.





Press and hold DISPLAY for 5 seconds to view a name and phone number to call for service.



Any removed icons will be displayed temporarily when a setting change is made.

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User Setup

(This feature not available on all models)

Holiday



The Holiday feature allows the thermostat to use temporary, energy saving setpoints without having to change regular programming.

Press the HOLIDAY button to enter Holiday programming. Use the WARMER and COOLER buttons to choose the number of days desired to run the Holiday feature. To confirm your settings and advance to the next step, press the HOLIDAY button again. Choose the desired Holiday Cool setpoint. Press HOLIDAY. Choose the desired Holiday Heat setpoint. Press HOLIDAY to return to the main screen. When the thermostat is programmed for Holiday mode, and it is in the Program On mode, it will take effect at 12:00 am of the next day. To turn off Holiday mode, set the number of days to 0.

Emergency Heat



The Emergency Heat function is only available if your thermostat is set to control a Heat Pump.

YOUR NAME

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To initiate the Emergency Heat feature, press the EMERGCY button. During Emergency Heat operation the thermostat will turn on the fan and auxiliary stages of heat when there is a demand for heat. The 1st stage of heating and all stages of cooling will be unavailable. To exit Emergency Heat, press the EMERGCY button.

Accessory



The optional RF Module must be installed to link and view wireless accessories.

ACCSRY

The ACCSRY button allows the user to view wired and wireless sensors and "link" these and other wireless devices to the thermostat via an optional RF module. Press the ACCSRY button to enter the Accessory setup screen. Press WARMER to view linked and wired accessories. Follow the instructions included with the wireless accessory to begin linking process. Next, press COOLER to enter the wireless linking mode. Press MODE to initiate linking. Press ACCSRY to return to the main screen. NOTE: A wired outdoor sensor's temperature reading is updated once every minute; a wireless outdoor sensor's temperature reading is updated once every 5 minutes.

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User Setup: System Runtimes

These setup steps allow the user to monitor equipment runtimes and program service alerts. Service alerts are displayed in the scrolling marquee.



Service Filter Runtime (Setup Steps 6-7, 14-15)

(This feature not available on all models)

Press the SETUP button, then press MODE repeatedly until the desired setup step appears. Use the WARMER or COOLER buttons to make selection. Press MODE to advance to the next step. Press SETUP to leave the setup screens.



Current Service Filter Runtime Hours (Setup Step 6) - This counter keeps track of the number of hours of fan runtime in the Heating mode, Cooling mode, and in stand alone Fan operation. Press OUTDOOR to reset.

Current Service Filter Calendar Days (Setup Step 7) - This counter displays the total number of calendar days that have elapsed since the counter was reset to help the user track Fan runtime. Press OUTDOOR to reset.

Set Service Filter Runtime Hours (Setup Step 14) - This timer allows the user to specify the number of hours the fan will run before the "Replace Filter" alert will be displayed. Press COOLER continuously until OFF is displayed to disable this alert.

Set Service Filter Calendar Days (Setup Step 15) - This timer allows the user to specify the number of calendar days that will elapse before the "Replace Filter" alert will be displayed. Press COOLER continuously until OFF is displayed to disable this feature.

User Setup: System Runtimes

To view, set, or reset System Runtimes, press the SETUP button, then press MODE. Press MODE to advance to the desired setup step. Use the WARMER or COOLER buttons to adjust the value of your selection. Press SETUP again to leave the setup screens.

Heating and Cooling System Runtime - Energy Watch (Setup Steps & - 10) (This feature not available on all models)

Current Heat Runtime Hours (Setup Step 8) - This counter keeps track of the number of hours the system has run in Heating. Press OUTDOOR to reset.

Current Aux Strip Heat Runtime Hours (Setup Step 9) - This counter keeps track of the number of hours the system has run in Auxiliary Heating. This setup step is only available when the thermostat jumpers are configured for Heat Pump and Electric Heat. Press OUTDOOR to reset.

Current Cool Runtime Hours (Setup Step 10) - This counter displays the number of hours the system has run in Cooling. Press OUTDOOR to reset.

Current Override Hours (Setup Step 11) - This counter displays the number of hours the system has run in Override. Press OUTDOOR to reset.

UV Lamp Runtime (Setup Steps 12, 16)

(This feature not available on all models)

Current UV Lamp Calendar Days (Setup Step 12) - This counter displays the total number of calendar days that have elapsed to help the user track UV lamp runtime. Press OUTDOOR to reset.

Set UV Lamp Calendar Days (Setup Step 16) - This timer allows the user to specify the number of calendar days the UV Lamp will operate before the "Replace UV Lamp" alert will be displayed. Press COOLER continuously until OFF appears to disable this alert.

Humidifier Runtime (Setup Steps 13, 17)

(This feature not available on all models)

Current Humidifier Calendar Days (Setup Step 13) - This counter displays the total number of calendar days that have elapsed to help the user track the Humidifier runtime. Press OUTDOOR to reset.

Set Humidifier Calendar Days (Setup Step 17) - This timer allows the user to specify the number of calendar days the Humidifier will run before the "Service Humidifier" alert will be displayed. Press COOLER continuously until OFF appears to disable this alert.

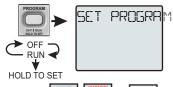
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User Setup: Time Period Programming

To enter Time Period Programming screens, Press and hold PROGRAM until the scrolling prompt appears.

OFF - Time Period Program is off.

RUN - Time Period Program is running. HOLD TO SET - Press and hold PROGRAM to make Time Period Programming changes.



Programming a Daily Schedule

Select number of Occupied time periods - Press the WARMER or COOLER buttons to choose the maximum number of Occupied time periods to program. (1-3) Press MODE to advance to the next step.

Select Occupied 1 Cool Setpoint - Press the WARMER or COOLER buttons to adjust the cool setpoint desired. Press MODE to advance to the next step.

Select Occupied 1 Heat Setpoint - Press the WARMER or COOLER buttons to adjust the heat setpoint desired. Press MODE to advance to the next step.

Select Unoccupied Cool Setpoint - Press the WARMER or COOLER buttons to adjust the cool setpoint desired. Press MODE to advance to the next step.

Select Unoccupied Heat Setpoint - Press the WARMER or COOLER buttons to adjust the heat setpoint desired. Press MODE to advance to the next step.

Select Day of Week to program - Press the WARMER or COOLER buttons to choose the day of the week to be programmed. Press MODE to advance to the next step.

Select Occupied 1 Start Time - Press the WARMER or COOLER buttons to adjust the time of day desired. Press MODE to advance to the next step.

Select Occupied 1 Stop Time - Press the WARMER or COOLER buttons to adjust the time of day desired. Press MODE to advance to the next step.

Select Occupied 1 Enable - Press the WARMER or COOLER buttons to choose to enable the program to run on that day. Press MODE to advance to the next step.

Copy Current Day to Next - Press the WARMER button to choose to Copy the current day to another day. Press the WARMER or COOLER buttons to choose which day to copy to. Press MODE to confirm. Continue to Press MODE to copy to more days. Press the COOLER button to program another day with a different schedule.

Program Another Day - Press the COOLER button to choose to program another day with a different schedule. Press MODE. Press the WARMER or COOLER buttons to choose the desired day. Press MODE to advance to the next step.

Press Program Button to exit Time Period Programming

How to Change Settings in the Setup Screens

To enter Advanced Setup, press the SETUP button, then press MODE. Use the WARMER or COOLER buttons to adjust the value of your selection. Press MODE to advance to the next setup step. Press SETUP again to leave the setup



Selecting Your Program Mode (Setup Step 1)

This thermostat may be configured to be programmable or non-programmable.

7 Day Program - Allows all seven days to be programmed independently.

Non Program - No advanced time period programming available.

1 Day Program - Allows one 24 hour day to be programmed. This same schedule will be repeated everyday the program is set to run.

5/1/1 Day Program - Allows weekdays, Saturday, and Sunday to be programmed independently.

Selecting Your Available Modes (Setup Step 2)

Auto-Changeover - Allows the thermostat to turn on heating or cooling based on room temperature demand. Also allows the manual selection of HEAT only or COOL only and OFF.

Heat and Cool - Allows the thermostat to turn on heating or cooling depending on which one has been manually selected. Auto-Changeover is not available when this is selected

Heat Only - Allows the thermostat to only turn on HEAT or OFF modes.

Cool Only - Allows the thermostat to only turn on COOL or OFF modes.

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Setpoint Limits (Setup Step 20) (This feature not available on all models)

This feature allows the user to set 4 different levels of security: (0 - 3).

No Setpoint Limits (0) - When this level is selected, no restrictions are activated.

 $\textbf{Use Setpoint Limits (1)} \textbf{ -} When this level is selected, the heat and cool setpoints can be restricted to preset levels, set in setup steps 21 and 22.}$

Maximum Heat Setpoint (Setup Step 21) - (35°-99°).

Minimum Cool Setpoint (Setup Step 22) - (35°-99°).

Force Program Mode (2) - When this level is selected, the heat and cool setpoints can be restricted to preset levels, set in setup steps 21 and 22 <u>and</u> the thermostat is locked into the current mode and time period program setting.

Setpoints Frozen (3) - When this level is selected, the heat and cool setpoints, the current mode, and time period program settings are locked.

Cycles Per Hour (Setup Step 23)

The Cycles Per Hour setting may limit the number of times per hour your HVAC unit may energize. For example, at a setting of 6 cycles per hour the HVAC unit will only be allowed to energize once every 10 minutes. The Cycles Per Hour limit may be overridden and reset by pressing the WARMER or COOLER buttons on the thermostat. Settings are No Limit, 2, 3, 4, 5, or 6.

Compressor Minimum Off Minutes (Setup Step 24)

This feature allows the user to set a minimum off time for the compressor. Settings are 5 mins., 3 mins., or 0 mins.

Minimum Heat/Cool Setpoint Difference(Setup Step 25)

This feature allows the user to set the minimum gap between Heat and Cool setpoints in **AUTO** mode. Select from 0 to 6. If setup step 2 is not set for **AUTO-CHANGEOVER**, this step will not appear.

Number of Compressor Stages (Setup Step 26)

This feature is for heat pump application only.

This feature allows the thermostat to control 1 or 2 compressor stages when configured for heat pump.

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Deadband Settings (Setup Steps 27 - 36)

The Deadband is the number of degrees or minutes that the thermostat waits before it initiates the stages of heating or cooling.

1st Stage Deadband (Setup Step 27) - Specifies the minimum temperature difference between the room temperature and the desired setpoint before the first stage of heating or cooling is allowed to turn on. (1 - 6 degrees) For example, if the heat setpoint is 68 and the 1st Stage deadband is set to 2 degrees, the room temperature will need to reach 66 degrees before the heat turns on.

2nd Stage Deadband (Setup Step 28) - Specifies the additional minimum temperature difference after the first stage turns on before the second stage is activated. (0° - 10°)

3rd Stage Deadband (Setup Step 29) - Specifies the additional minimum temperature difference after the second stage turns on before the third stage is activated. $(0^{\circ}-10^{\circ})$

4th Stage Deadband (Setup Step 30) - (Two Stage heat pump only) - Specifies the additional minimum temperature difference after the third stage turns on before the final stage of strip heat is activated. (0 $^{\circ}$ - 10 $^{\circ}$)

Minutes Between 1st and 2nd Stage (Setup Step 31) - Specifies the minimum time (in minutes) after the first stage turns on before the second stage can turn on. (0 - 60)

Minutes Between 2nd and 3rd Stage (Setup Step 32) - Specifies the minimum time (in minutes) after the second stage turns on before the third stage can turn on. (0 - 60)

Delay Between 3rd and 4th Stage (Setup Step 33) - Specifies the *minimum* time (in minutes) after the third stage turns on before the final stage can turn on. (0 - 60)

Second Stage Turnoff Point (Setup Step 34) - Specifies whether second stage will turn off at first stage deadband or remain on until the room temperature demand is satisfied. Choose between Deadband or Setpoint.

Third Stage Turnoff Point (Setup Step 35) - Specifies whether third stage will turn off at second stage deadband or remain on until the room temperature demand is satisfied. Choose between Deadband or Setpoint.

Fourth Stage Turnoff Point (Setup Step 36) - Specifies whether fourth stage will turn off at third stage deadband or remain on until the room temperature demand is satisfied. Choose between Deadband or Setpoint.

Fan Mode (Setup Step 5) (This feature not available on all models)

This feature allows the following options:

Fan Auto - If Fan Auto is selected, the fan will run while there is a call for heating or cooling.

Fan On - If Fan On is selected, the fan will run continuously during Occupied Mode and turn off during Unoccupied Mode.

Minutes of Fan Purge (Setup Step 37)

(This feature not available on all models)

When this feature is activated, the fan will turn on during an unoccupied period at a preset amount of time prior to Occupied 1. This preoccupancy fan purge timer may be set from zero to three hours, in 15 minute increments. Zero means this feature is turned off.

Fan Off Delay in Seconds (Setup Step 54)

(This feature not available on all models)

This feature allows the user to increase the cooling or electric strip heating efficiency of the system. The thermostat may be programmed to continue running the fan after a call for cooling or electric strip heating has been satisfied. This delay can be set for 0, 30, 60, 90, or 120 seconds. If set to 0, the fan will not run after a call for cooling or electric strip heating has been satisfied.

Comfort Recovery (Setup step 68)

(This feature not available on all models)

With Comfort Recovery on, the thermostat will attempt to reach the Occupied setpoint temperature at the exact time programmed into the thermostat. Comfort Recovery, only works when the thermostat enters the Occupied mode from the Unoccupied mode. For example, if the Unoccupied program is set for 11pm at 65°F heating and 85°F cooling, and the Occupied program is set for 6am at 72°F heating and 75°F cooling, the thermostat will turn the system on before 6am in an effort to bring the temperature to its correct setting at exactly 6am. The thermostat learns from experience, so please allow 4-8 days after a program change or after initial installation to give Comfort Recovery time to adjust. If used with a heat pump, electric strip heat will be disabled while Comfort Recovery is active.

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Humidity and Dehumidity (Setup Steps 39-44, 74-75)

(This feature not available on all models)

Humidity Only With Heat (Setup Step 39) - When this step is set to ON, Humidity will not run without a demand for Heat.

Fan With Humidity Demand (Setup Step 40) - Specifies if the fan should be turned on with a demand for Humidity. (This step will only appear if step 39 is set to OFF.)

Cool To Dehumidify (Setup Step 42) - Specifies if the cooling equipment is allowed to turn on exclusively to lower room humidity. (If set to OFF. the following two steps will not appear.)

Max Dehum Overcool (Setup Step 43) - Specifies how many degrees below the Cool setpoint the air conditioning will run to satisfy a Cool to Dehumidify demand. $(0^{\circ}-5^{\circ})$

Reheat Operation With Cool To Dehumidify (Setup Step 44) - Specifies if electric strip heat is allowed to turn on during a Cool to Dehumidify demand to help maintain desired room temperature. This step is not available if Electric Heat is not present.

Humidty Output Polarity (Setup Step 74)

Humidity Output Normally Open - means no voltage is sent to the HUM output when there is no demand for humidity.

Humidity Output Normally Closed - means voltage is sent to the HUM output when there is no demand for humidity.

Dehumidify Output Polarity (Setup Step 75)

Dehumidify Output Normally Open - means no voltage is sent to the DEHUM output when there is no demand to dehumidify.

Dehumidify Output Normally Closed - means voltage is sent to the DEHUM output when there is no demand to dehumidify.

Dry Contact Operation(setup step 69 - 72)

Dry Contact Polarity (Setup Step 69)

Open (Normally Open) - The dry contact is open until the connected device closes the circuit.





'Active'

Closed (Normally Closed) - The dry contact is closed until the connected device opens the circuit.





'Active'

Dry Contact Use (Setup Step 70)

PAN - If PAN is selected when the dry contact is active, the thermostat will lockout the compressor terminal(s) and "SERVICE DRAIN PAN" will appear on the display.

HOLIDAY/FORCE UNOCCUPIED - If Holiday is selected when the dry contact is active, the thermostat will be forced into Holiday Mode. *This setting may be used with time clocks or twist timers to force the thermostat from Occupied to Unoccupied.

*S1-TBSU22HN Only:

Unoccupied Setpoints - If Force Unoccupied is selected in step 70, when the dry contact is energized the thermostat will be forced into or out of Unoccupied setpoints. To adjust the Unoccupied setpoints follow the setup steps below.

Unoccupied Cool Setpoint (Setup Step 71) - Press the WARMER or COOLER buttons to adjust the Unoccupied cool setpoint desired.

Unoccupied Heat Setpoint (Setup Step72) - Press the WARMER or COOLER buttons to adjust the Unoccupied heat setpoint desired.

Control To Temp Source (Setup Step 38) (This feature not available on all models)

This feature allows the user to specify which temperature sensor source the thermostat will use to measure room temperature. The choices are:

Thermostat: Uses the internal thermostat sensor only.

Remote Sensor: Uses wireless or wired sensors only.

Average Of Remote Sensor And Thermostat: Averages the temperatures of the remote sensor(s) and the thermostat.

NOTE: If a remote sensor is being used, the degree icon on the large room temperature display will blink.

Fahrenheit or Celsius (setup step 55)

This feature allows the thermostat to display temperature in Fahrenheit or Celsius.

Auxiliary Output

(This feature not available on all models)

The LX Thermostat is equipped with a programmable auxiliary output. This output can be configured to be controlled from a variety of sources.

Aux Output Polarity (Sctup Step 56) - Specifies if the Auxiliary output will be Open (Normally Open) or Closed (Normally Closed).

Aux Output (Setup Step 57) - Specifies which source will control the Aux output. Choices are:

Time - Uses the internal clock of the thermostat

Temp - Uses one of three temperature sources.

External - The Auxiliary Output is controlled from an external accessory source, like Comfort Call.

Error - Uses the thermostat's error processing to signal an active error condition.

 $\mbox{\bf Economizer}\,$ - Used to control an economizer, the Aux Output is active when program is in any occupied time.

Auxiliary Output Programming By Time

If TIME is selected for the Aux Output, the following setup steps will appear:

Aux Output Days (Setup Step 58) - Specifies if the Aux Output will be single day (1 DAY), weekday/weekend (5/2 DAY), or seven day (7 DAY) programmable.

Day Of Week To Program (Setup Step 59) - Specifies which day of week to program.

Aux Output Start Time (Setup Step 60) - Specifies the time of each day when the Aux output will turn on.

Aux Output Stop Time (Setup Step 61) - Specifies the time of each day when the Aux output will turn off.

Copy (Setup Step 62) - This step only appears if Aux Output Days (Setup Step 58) is set for 7 programmable output days. Press COOLER and then OUTDOOR to copy. Press WARMER and then OUTDOOR to program another day with a different setting.

Installer Setup

Auxiliary Output Programming By Temp

If TEMP is selected for the Aux Output, the following setup steps will appear:

Aux Output Temp Source (Setup Step 63) - Specifies what temperature source will be monitored for controlling the programmable output. The options are:

Thermostat - Temperature is monitored from the thermostat sensor.

 ${\bf Outdoor\ Sensor\ -\ Temperature\ is\ monitored\ from\ the\ Outdoor\ temperature\ sensor.}$

Wired Remote - Temperature is monitored from a wired sensor connected to the Remote Sensor terminals.

External - The Auxiliary Output is controlled from an external accessory source.

Aux Output Trigger Point Temp (Setup Step 64) - Specifies the temperature from the above selected source <u>above</u> which the Aux Output is triggered. A non-adjustable two degree deadband is applied to avoid frequent triggering. The 'N.O.' (Normally Open) or 'N.C.' (Normally Closed) function (Setup Step 56) can be altered to make the output trigger <u>below</u> the set temperature. Temps are adjustable from 0 - 120 degrees Fahrenheit.

Aux Output Error Level (Setup Step 65) - When the Aux Output is set for ERROR, three choices of error levels exist:

Level 1 - Aux Output is active if a Critical, Alarm, or Alert error is present.

Level 2 - Aux Output is active if a Critical or Alarm error is present.

Level 3 - Aux Output is active only if a Critical error is present.

Critical Error - Service or immediate attention is required.

Alarm Error - Service or immediate attention is recommended.

Alert Error - Runtimes, Low Battery on wireless remote sensors, etc.

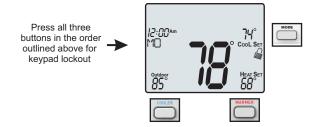
Press Outdoor To Clear All Messages (setup step 76)

This feature allows the user to clear all current error messages from the display.

Installer Setup

Locking/Unlocking the Keypad

To prevent unauthorized use of the thermostat, the front panel buttons may be disabled. To disable, or 'lock' the keypad, press and hold the MODE button. While holding the MODE button, press the WARMER and COOLER buttons together. The icon will appear on the display, then release the buttons.



To unlock the keypad, press and hold the MODE button. While holding the MODE button, press the WARMER and COOLER buttons together. The $\widehat{\omega}$ icon will disappear from the display, then release the buttons.

Installer Setup

Resetting the Thermostat to the Factory Default Settings (for default values see page 34)

If, for any reason, you desire to return all the stored settings back to the factory default settings, follow the instructions below.

WARNING: This will reset all Time Period and Advanced Programming to the default settings. Any information entered prior to this reset may be permanently lost.



Press and hold SETUP for 5 seconds. All icons will appear on the display.







After all the icons appear, release SETUP. Press and hold OUTDOOR for 5 seconds. DEFAULTS will appear on the display.



Keep pressing the OUTDOOR button until you see this screen.



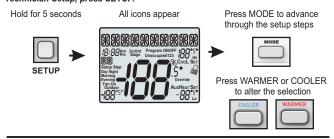
After DEFAULTS appears, release OUTDOOR. Press MODE to return to normal operation.



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Technician Setup

To enter Technician Setup, press and hold the SETUP button for 5 seconds. After all the icons appear, press MODE. The version numbers of the thermostat will appear in the scrolling text. Press MODE to advance to the next step. Use the WARMER or COOLER buttons to adjust the value of your selection. To leave Technician Setup, press SETUP.



Technician Setup is for diagnostic and testing purposes and is intended for use by a qualified technician. See page 14 for more detailed instructions.

Technician Setup contains the following options:

- View the version number of the thermostat.
- View the jumper setting of J1 (Gas/Electric or Heat Pump), J2 (Reversing Valve: RV=O or RV=B), and J3 (Fan: Gas or Electric) jumpers located on the back of the thermostat. (Remove thermostat from backplate for access)
- View the state of the Dry Contact terminals.
- Turn on equipment outputs for testing.
- Calibrate thermostat, remote, and humidity sensors.
- Control HUM output (On or Off)
- Control DEHUM output (On or Off)
- Control AUX output (On or Off)

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TroubleShooting



SYMPTOM: The air conditioning does not attempt to turn on. **CAUSE:** The compressor timer lockout may prevent the air conditioner from turning on for a period of time.

REMEDY: Consult the Owner's Manual in the Installer Setup section to defeat the Cycles Per Hour (page 22).



SYMPTOM: The display is blank. CAUSE: Lack of proper power.

REMEDY: Make sure the power is on to the furnace and that you have 24vac between R & C.



SYMPTOM: The air conditioning does not attempt to turn on. **CAUSE:** The cooling setpoint is set too high.

REMEDY: Lower the cooling setpoint or lower the cooling setpoint limit. See Setpoint Limits (page 22).



SYMPTOM: The heating does not attempt to turn on. CAUSE: The heating setpoint is set too low. **REMEDY:** Raise the heating setpoint or raise the heating setpoint limit. See Setpoint Limits (page 22).



SYMPTOM: When controlling a residential heat pump, and asking for cooling, the heat comes on.

CAUSE: The thermostat reversing valve jumper is set for "B". REMEDY: Set the reversing valve jumper for "O".



SYMPTOM: When calling for cooling, both the heat and cool

CAUSE: The thermostat equipment jumper is configured for "HP" and the HVAC unit is a Gas/Electric. **REMEDY:** Set the equipment jumper for "Gas".



SYMPTOM: When the Program button is pressed, the display reads "DISABLED".

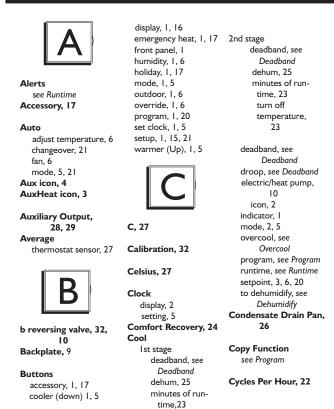
CAUSE: Program mode is set to "NON PROGRAM". REMEDY: Set Program Mode (Setup 1) to 1, 5/2, or 7 Day. See Selecting Your Program Mode (page 21).

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A	dvanced Setup Table	Df = Factory Default Setting *Not available on all models				
Ste	p# Description	Pg#	Range	Df		
1	*Prog Mode	21	Non,1,5/1/1*,7*	7		
2	Available Modes		Heat/Cool/Auto/Off,	Heat/Cool/		
H			Heat/Cool/Off,Heat/Off,	Auto/Off		
Ш			Cool/Off			
3	Backlight		On,Off,6pm-6am	6pm-6am		
4	Backlight Level		Off-7 levels of brightness			
5	Fan Mode		Auto,On	Auto		
6	Current Service Filter Runtime Hours		0-1999	0		
7	Current Service Filter Calendar Days		0-1999	0		
8	*Current Heat Runtime Hours		0-1999	0		
9	*Current Aux Heat Runtime Hours		0-1999	0		
10	*Current Cool Runtime Hours		0-1999	0		
11	Current Override Hours		0-1999	0		
12	Current UV Lamp Calendar Days		0-1999	0		
13	*Current Humidifier Calendar Days		0-1999	0		
14	Set Service Filter Runtime Hours		0-1950	0		
15	Set Service Filter Calendar Days		0-720	0		
16	Set UV Lamp Calendar Days		0-720	0		
17	*Set Humidifier Calendar Days		0-720	0		
18 19	Language		English, Espanol, Français			
119	Scrolling Method	10	L-R Slow,L-R Fast,Word			
			L-R Slow,Word L-R Fast,			
			Whole Word L Slow,	Fast		
			Whole Word L Fast,			
			Whole Word Ctr Slow, Whole Word Ctr Fast			
20	*Setpoint Limits	22		No		
20	Setpoint Limits	22	No,Use,Force Program, Setpoints Frozen	INO		
21	*Max Heat Setpoint	22	35°99°	80°		
22	*Min Cool Setpoint		35°99°	65°		
23	Cycles Per Hour		No Limit,2,3,4,5,6	6		
24	Compressor Minimum Off Minutes		0,3,5	5		
25	Minimum Heat/Cool Setpoint Difference		0°-6°	2°		
26	Number Of Compressor Stages		1.2	1		
27	*1st Stage Deadband	23	1°-6°	2°		
28	*2nd Stage Deadband		0°10°	2°		
29	*3rd Stage Deadband		0°10°	2°		
30	*4th Stage Deadband		0°10°	2°		
31	*Minutes Between 1st and 2nd Stage		0-60	2		
32	*Minutes Between 2nd and 3rd Stage		0-60	2		
لنت	Dointon Line and old Olago	ئيا				

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	16. 711		Of = Factory Default	Setting
	dvanced Setup Table	,	Not available on all	models
Ste	p# Description	Pg#	Range	Df
33	*Minutes Between 3rd and 4th Stage		0-60	2
34	*2nd Stage Turnoff Point	23	Deadband,Setpoint	Deadband
35	*3rd Stage Turnoff Point	23	Deadband,Setpoint	Deadband
36	*4th Stage Turnoff Point	23	Deadband,Setpoint	Deadband
37	*Minutes of Fan Purge	24	0-3:00	0
38	*Control To Temp Source	27	Tstat,Remote,Average	Tstat
39	*Humidity Only With Heat	25	On,Off	Off
40	*Fan With Humidity Demand	25	Fan On,Fan Off	Fan Off
42	*Cool To Dehumidify	25	On,Off	Off
43	*Maximum Dehum Overcool	25	0-5°	2°
44	*Reheat Operation W/Cool To Dehumidify		On,Off	Off
54	*Fan Off Delay In Seconds	24	0,30,60,90,120	0
55	F/C	27	Fahrenheit, Celsius	F
56	*Aux Output Polarity	28	Open,Closed	Open
57	*Aux Output	28	Time,Temp,Ext.,	Time
			Error, Economizer	
58	*Aux Output Program Days	28	1,5/1/1,7	1
59	*Day Of Week To Program	28	M-M	MTWTFSS
60	*Aux Output Start Time	28	12a-12a	7a
61	*Aux Output Stop Time	28	12a-12a	9p
62	*Copy	28	Yes,No	No
63	*Aux Output Temp Source	29	Tstat,Outdoor,Wired	Tstat
H			Remote,Ext.	
64	*Aux Output Trigger Point Temp	29	0-120°	65°
65		29	1-3	3
68	*Comfort Recovery	24	On,Off	Off
69	Dry Contact Polarity	26	Open,Closed	Open
70	*Dry Contact Use		Pan,Holiday	Holiday
71	*Unoccupied Cool Setpoint		35°-99°	85°
72	*Unoccupied Heat Setpoint	26	35°-99°	55°
74	*Humidity Polarity	25	Open,Closed	Open
75	*Dehumidify Polarity		Open,Closed	Open
76	*Press Outdoor To Clear All Messages	29	N/A	N/A



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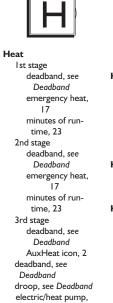
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Warranty

Five-Year Warranty - This Product is warranted to be free from defects in material and workmanship. If it appears within five years from the date of original installation, whether or not actual use begins on that date, that the product does not meet this warranty, a new or remanufactured part, at the manufacturer's sole option to replace any defective part, will be provided without charge for the part itself provided the defective part is returned to the distributor through a qualified servicing dealer.

THIS WARRANTY DOES NOT INCLUDE LABOR OR OTHER COSTS incurred for diagnosing, repairing, removing, installing, shipping, servicing or handling of either defective parts or replacement parts. Such costs may be covered by a separate warranty provided by the installer.

THIS WARRANTY APPLIES ONLY TO PRODUCTS IN THEIR ORIGINAL INSTALLATION LOCATION AND RECOMES VOID LIPON REINSTALLATION

LIMITATIONS OF WARRANTIES – ALL IMPLIED WARRANTIES (INCLUDING IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY) ARE HEREBY LIMITED IN DURATION TO THE PERIOD FOR WHICH THE LIMITED WARRANTY IS GIVEN. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LAST, SO THE ABOVE MAY NOT APPLY OVU. THE EXPRESSED WARRANTIES MADE IN THIS WARRANTY ARE EXCLUSIVE AND MAY NOT BE ALIFERD, ENLARGED, OR CHANGED BY ANY DISTRIBUTIOR, DEALER, OR OTHER PERSON WHATSOEVER.

ALL WORK UNDER THE TERMS OF THIS WARRANTY SHALL BE PERFORMED DURING NORMAL WORKING HOURS. ALL REPLACEMENT PARTS, WHETHER NEW OR REMANUFACTURED, ASSUME AS THEIR WARRANTY PERIOD ONLY THE REMAINING TIME PERIOD OF THIS WARRANTY.

THE MANUFACTURER WILL NOT BE RESPONSIBLE FOR:

- Normal maintenance as outlined in the installation and servicing instructions or owner's manual, including filter cleaning and/or replacement and lubrication.
- Damage or repairs required as a consequence of faulty installation, misapplication, abuse, improper servicing, unauthorized alteration or improper operation.
 Failure to start due to voltage conditions, blown fuses, open circuit breakers or other
- Failure to start due to voltage conditions, blown fuses, open circuit breakers or other damages due to the inadequacy or interruption of electrical service.
- Damage as a result of floods, winds, fires, lightning, accidents, corrosive environments or other conditions beyond the control of the Manufacturer.
- Parts not supplied or designated by the Manufacturer, or damages resulting from their use.
 Manufacturer products installed outside the continental U.S.A., Alaska, Hawaii, and
- Manufacturer products installed outside the continental U.S.A., Alaska, Hawaii, and Canada.
- 7. Electricity or fuel costs or increases in electricity or fuel costs for any reason whatsoever including additional or unusual use of supplemental electric heat.

 ANY STREAM INDIFFER ON CONFIGURITY OF THE PROPERTY OF CONMISSION IN CONTROLLING THE PROPERTY OF THE PROPE
- ANY SPECIAL INDIRECT OR CONSEQUENTIAL PROPERTY OR COMMERCIAL
 DAMAGE OF ANY NATURE WHATSOEVER. Some states do not allow the exclusion of
 incidental or consequential damages, so the above may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

Notes:

Notes:

Notes:

Programming Worksheet

see Page 20

DAY	PERIOD	START	TIME	COOL	HEAT	
м	Unoccupied					
Ö	Occupied 1					
MON DAY	Occupied 2					
Y	Occupied 3					
T.	Unoccupied					Copy Mon→Tue
TUESDAY	Occupied 1					☐ No
Ď	Occupied 2					☐ Yes
Υ	Occupied 3					
M	Unoccupied					Copy Tue→Wed
Smozmacom>	Occupied 1					☐ No
S S	Occupied 2					☐ Yes
ð	Occupied 3					
Ţ	Unoccupied					Copy Wed→Thu
THURSDAY	Occupied 1					□No
S D	Occupied 2					☐ Yes
Ŷ	Occupied 3					
F	Unoccupied					Copy Thu →Fri
R	Occupied 1					☐ No
FR I DAY	Occupied 2					☐ Yes
Ŀ.	Occupied 3					
SA	Unoccupied					Copy Fri → Sat
SATURDAY	Occupied 1					☐ No
Ď	Occupied 2					☐ Yes
Ŷ	Occupied 3					
S	Unoccupied					Copy Sat → Sun
SUNDAY	Occupied 1					☐ No
Ä	Occupied 2					☐ Yes
'	Occupied 3					

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