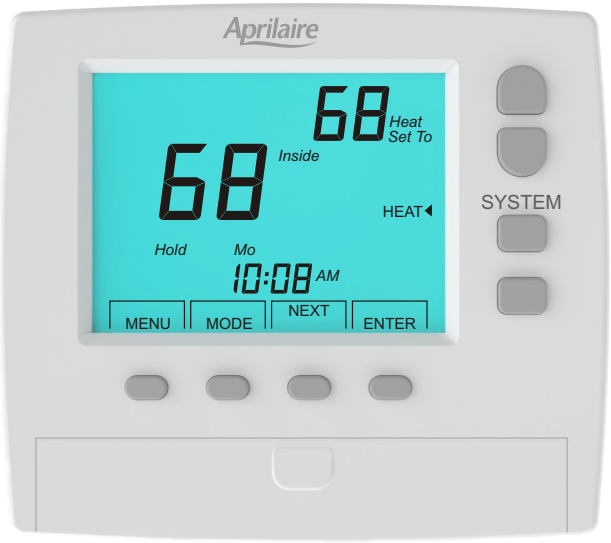
Aprilaire®

Model 8710
Wireless Thermostat



Owner's Manual

Includes
Operating Instructions and
Warranty Information

READ AND SAVE THESE INSTRUCTIONS

Improved Comfort

Your wireless thermostat provides automatic control of the temperature. You can set separate temperatures for heating and cooling for four time periods per day (morning, daytime, evening and night). Or you can operate the thermostat without using the schedule feature (Hold mode).

Energy Savings

The schedule feature can save you energy by reducing the heating and cooling at night and during the daytime when you are away.

TABLE OF CONTENTS

Thermostat Overview....3

Factory Schedule 4

Selecting System
(OFF, AUTO, HEAT, COOL or EM HT) 4

Selecting Fan
(AUTO or CONT)....5

Selecting Schedule or Hold 5

Setting the Heating and Cooling Temperature....6

Setting the Time of Day....6

Changing the Schedule 7

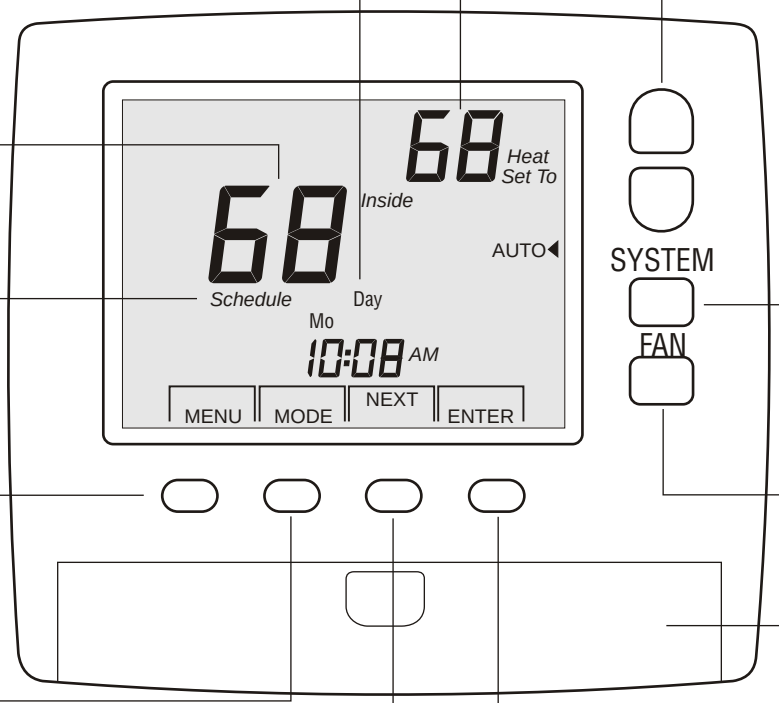
Reviewing the Time and Temperature Schedule....9

Low Battery Indication....10

Limited warranty....11

Warranty registration....11

THERMOSTAT OVERVIEW



TEMPERATURE SETTING

INDICATES MORN, DAY, EVE OR NIGHT SCHEDULE.

SPACE TEMPERATURE

INDICATES THE SCHEDULE OR HOLD MODE

MENU KEY USED TO SET TIME OF DAY, DAILY SCHEDULE AND DISPLAY SCHEDULE

MODE KEY USED TO SWITCH BETWEEN SCHEDULE AND HOLD OPERATION

NEXT KEY USED WHEN SETTING TIME OF DAY AND SCHEDULES AND ADVANCING THROUGH OPTIONS

ENTER KEY USED WHEN SETTING TIME OF DAY AND SCHEDULES

UP AND **DOWN** KEYS USED WHEN ADJUSTING TEMPERATURE, TIME OF DAY, DAY OF THE WEEK, PROGRAM START TIMES AND OTHER OPTIONS

SYSTEM KEY SELECTS HEAT, COOL, AUTO, HEAT/COOL, OFF AND EMERGENCY HEATING FOR A HEAT PUMP APPLICATION

FAN KEY SELECTS AUTO OR CONT FAN OPERATION

BATTERY COMPARTMENT 2 AA BATTERIES

FACTORY SCHEDULE

The thermostat is shipped with the following factory schedule.

Program	Start Time	Setpoint	
		Heating	Cooling
Morning	6:00AM	70F	78F
Day	8:00AM	62F	82F
Evening	5:00PM	70F	78F
Night	10:00PM	62F	82F

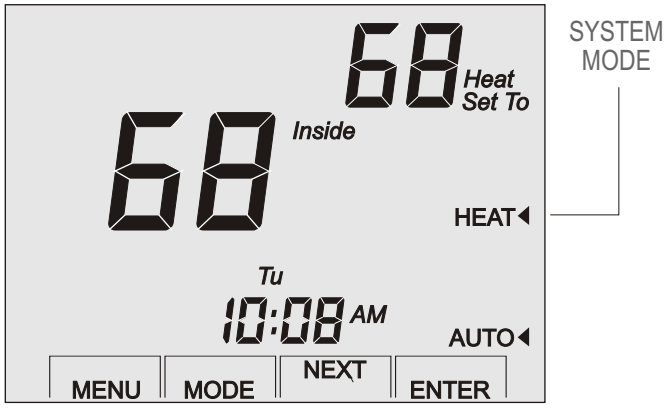
⚠ WARNING

The thermostat is battery powered and the batteries should be changed every year or when the low battery warning is displayed.

SELECTING SYSTEM
OFF, AUTO, HEAT, COOL OR EM HT

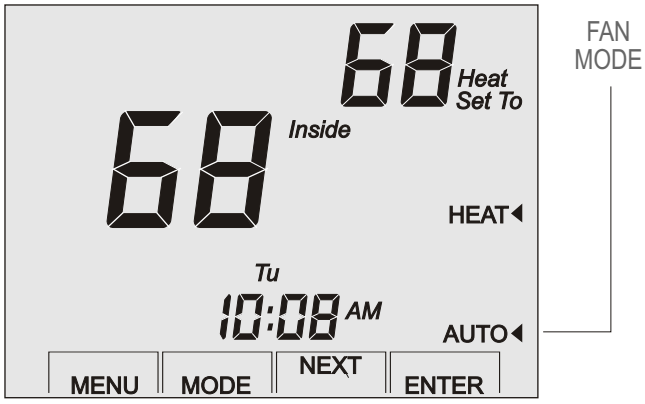
Press the **SYSTEM** key to select **OFF**, **AUTO** (heating and cooling), **HEAT** (heating), **COOL** (cooling) or **EM HT** (emergency heating if your system is a heat pump).

In **AUTO** the thermostat will call for heating or cooling based on the heating and cooling set temperatures and the indoor temperature. To view both the heating and cooling set temperatures in Auto mode, press and hold the **NEXT** key. The LCD will display **Heat Set To** and then **Cool Set To** along with the corresponding set temperatures. Use the **Up** and **Down** keys to change the set temperature when the proper mode is displayed.



SELECTING FAN
AUTO OR CONT

Press the **FAN** key to select **AUTO** or **CONT** (continuous) fan operation. In **AUTO** the thermostat activates the fan during heating and cooling calls. In **CONT** the fan runs continuously to circulate air.

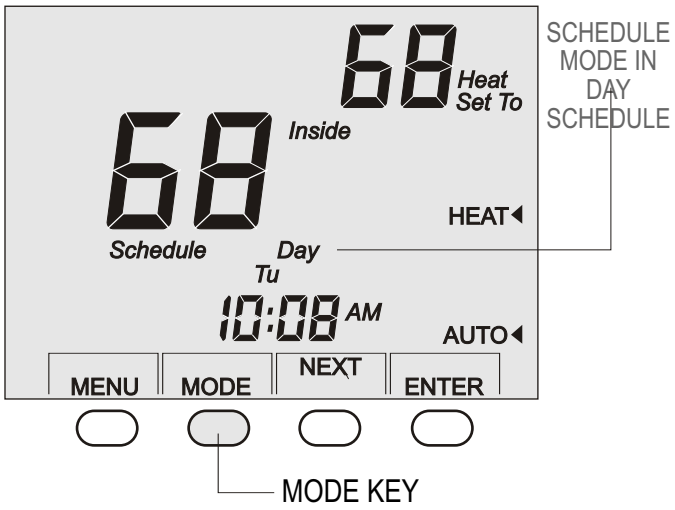


SELECTING SCHEDULE OR HOLD

Press the **MODE** key to switch between **Hold** or **Schedule. Schedule** operation automatically changes the heating and cooling temperature settings at the four scheduled times - Morning, Day, Evening and Night.

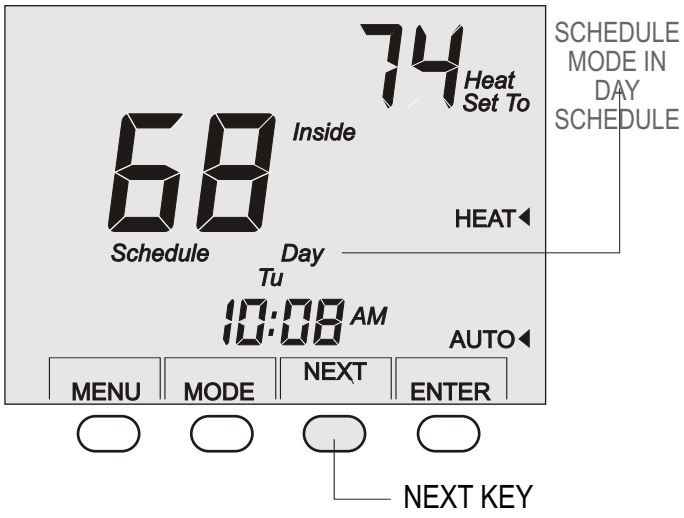
When in **Schedule** operation, adjusting the heating or cooling temperature using the **Up** and **Down** keys switches to the **Hold** mode. After 3 hours the thermostat returns to the **Schedule** mode. Press the **MODE** key at any time to return to the **Schedule** mode.

The **Hold** mode maintains the heating and cooling temperature indefinitely until the **MODE** key is pressed, which will return the thermostat to the **Schedule** operation.



SETTING THE HEATING AND COOLING TEMPERATURE

Press the **Up** or **Down** key to change the heating or cooling temperature. Press the **NEXT** key to switch between the heating and cooling temperatures.

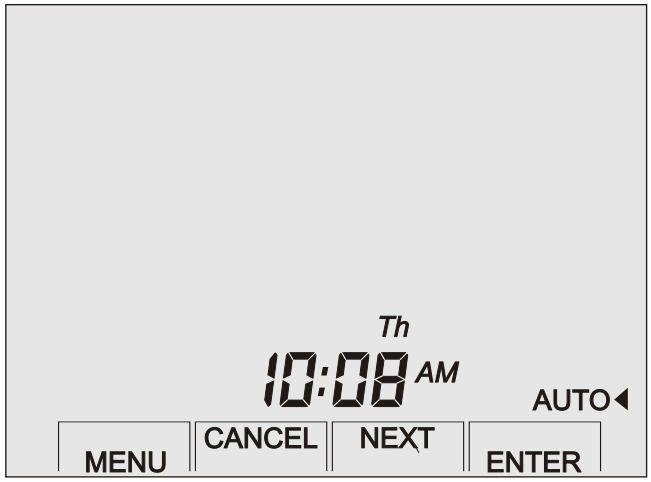


SETTING THE TIME AND DAY

To set the time of day and the day of the week, press the **MENU** key and the LCD will display the hour. Use the **Up** and **Down** keys to set the hour. Make sure that the AM or PM is correct.

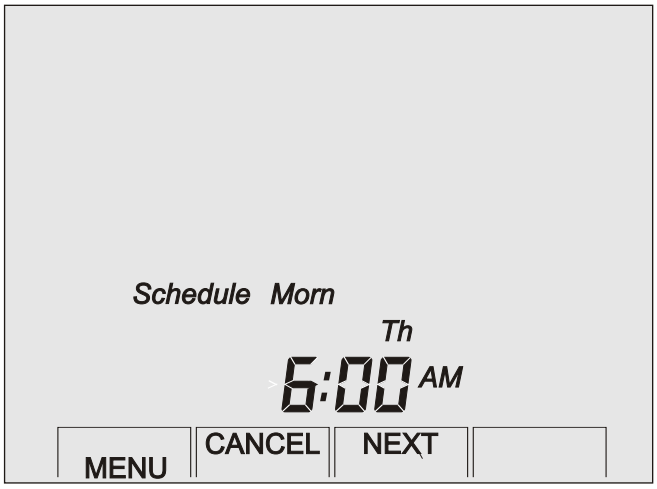
Press the **NEXT** key to set the minute. Use the **Up** or **Down** keys to set the minute.

Press the **NEXT** key to set the current day of the week. Use the **Up** or **Down** keys to select the day of the week and press the **ENTER** key.

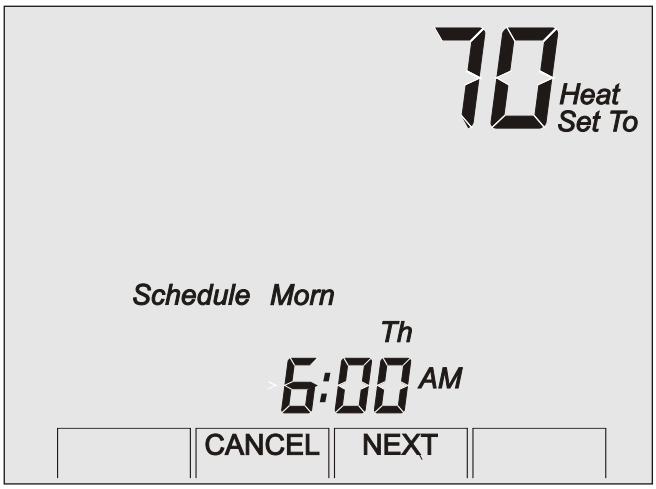


CHANGING THE SCHEDULE

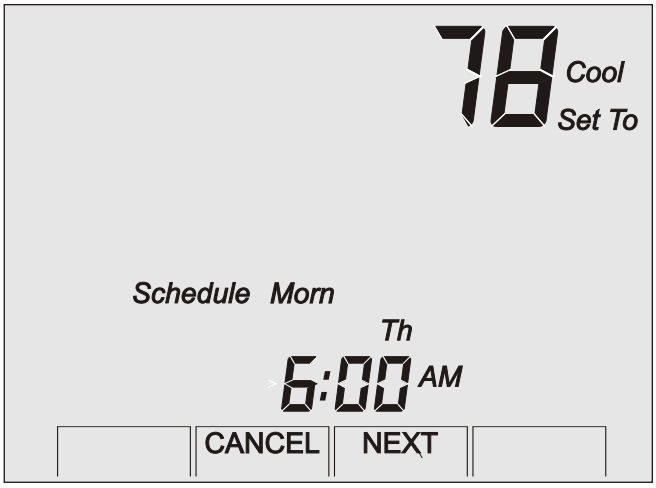
Press the **MENU** key twice until the LCD displays the schedule screen shown below with the correct day of the week. Press and hold the **Up** or **Down** keys to change the morning (**Morn**) schedule start time.



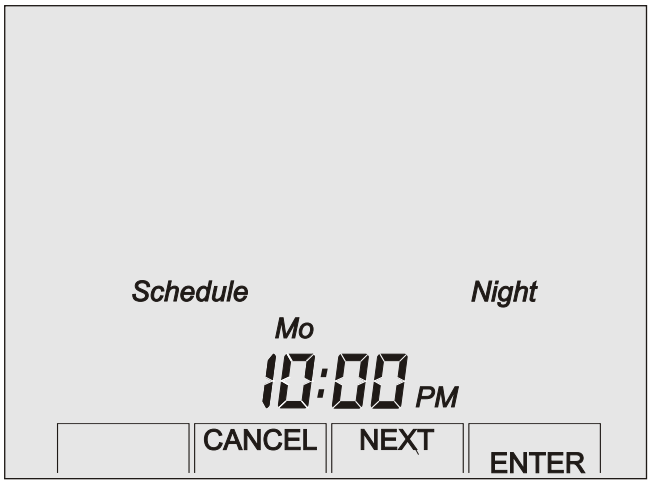
Press the **NEXT** key to display the morning heating (**Heat**) temperature. Use the **Up** or **Down** keys to change the temperature.



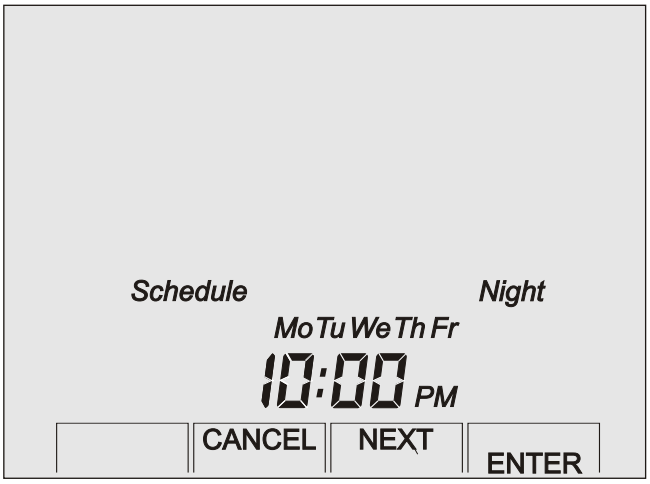
Press the **NEXT** key to display the morning Cooling (**Cool**) temperature. Use the **Up** or **Down** keys to change the temperature.



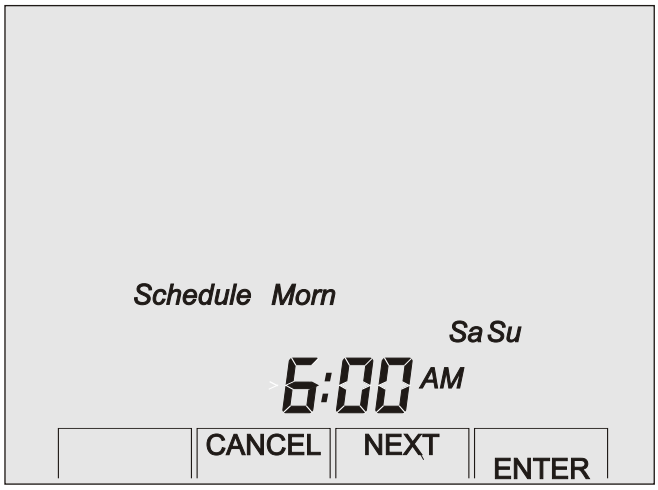
Continue using the **NEXT** key and the **Up** and **Down** keys to set the start time, heating temperature and cooling temperature for the **Day**, **Evening** and **Night** schedules. After the Night schedule is completed, you can press the **ENTER** key which will only save the schedule for the current day, or you can apply the same schedule to other days of the week by pressing the **NEXT** key.



Mo (Monday) will appear on the LCD. Continue to press the **NEXT** key to add additional days of the week. Use the **Up** and **Down** keys to turn days ON or OFF. The schedule will be applied to the days that are ON. These days will be displayed on the thermostat. The example below shows a schedule being applied to Monday through Friday.



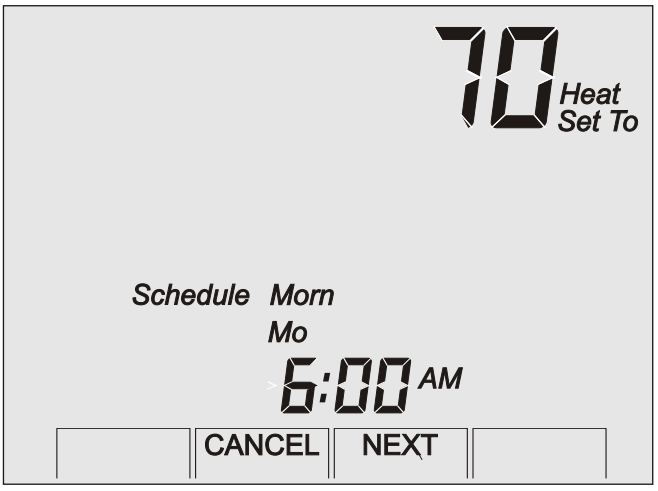
Pressing the **ENTER** key will copy and save the schedule for the days of the week selected. After the **ENTER** key is pressed, the thermostat will return to normal operation. To change the schedule for other days of the week, repeat the same programming steps.



After the **Night** schedule is completed, press the next key and **Mo** (Monday) will appear on the LCD. Continue to press the **NEXT** key and use the **Up** and **Down** keys to turn days ON or OFF. The schedule will be applied to the days that are ON. In the example above, **Sa** (Saturday) and **Su** (Sunday) have been selected. To save the schedule, press the **ENTER** key and the thermostat will resume normal operation. Each day of the week can have a separate schedule if required. Just program the schedule and select the day then press the **ENTER** key.

REVIEWING THE TIME AND TEMPERATURE SCHEDULE

Press the **MENU** key 3 times until the first schedule is displayed as shown below. The display will show the Monday morning schedule start time and heating temperature setting.

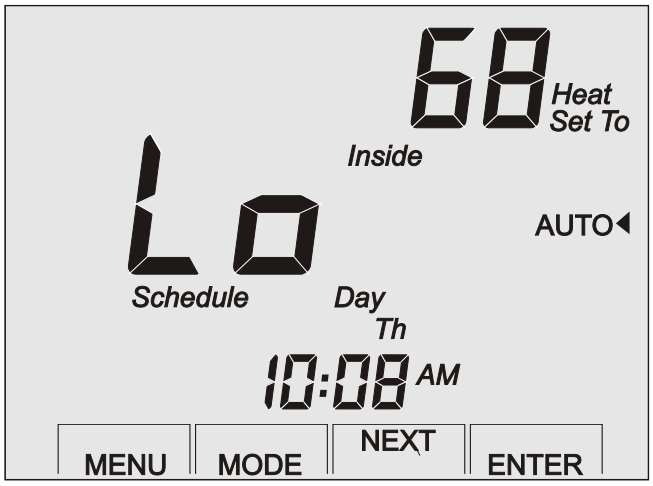


Continue pressing the **NEXT** key to display the morning, day, evening and night schedule along with the heating and cooling temperatures for each day of the week. Press the **CANCEL** key at any time to exit and return the thermostat to normal operation.

LOW BATTERY INDICATION

If the battery voltage drops to where it could interfere with reliable operation, the LCD will alternately display Lo in place of the inside temperature.

Replace batteries as soon as possible. There is approximately one month of operation left.



THERMOSTAT FIVE YEAR LIMITED WARRANTY

Your Research Products Corporation Aprilaire Thermostat unit is expressly warranted for five (5) years from date of installation to be free from defects in materials or workmanship.

Research Products Corporation's exclusive obligation under this warranty shall be to supply, without change, a replacement for any thermostat which is found to be defective within such five (5) year period and which is returned, together with the date of installation, no later than thirty (30) days after said five (5) year period by you to either your original supplier or to Research Product Corporation, Madison, Wisconsin 53701.

THIS WARRANTY SHALL NOT OBLIGATE RESEARCH PRODUCTS CORPORATION FOR ANY LABOR COSTS AND SHALL NOT APPLY TO DEFECTS IN WORKMANSHIP OR MATERIALS FURNISHED BY YOUR INSTALLER AS CONTRASTED TO DEFECTS IN THE THERMOSTAT ITSELF.

IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE AFORESAID FIVE YEAR PERIOD. RESEARCH PRODUCTS CORPORATION'S LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, OTHER THAN DAMAGES FOR PERSONAL INJURIES, RESULTING FROM ANY BREACH OF THE AFORESAID IMPLIED WARRANTIES OF THE ABOVE LIMITED WARRANTY IS EXPRESSLY EXCLUDED. THIS LIMITED WARRANTY IS VOID IF DEFECTS RESULT FROM FAILURE TO HAVE THIS THERMOSTAT INSTALLED BY A QUALIFIED HEATING AND AIR CONDITIONING CONTRACTOR. IF THE LIMITED WARRANTY IS VOID DUE TO FAILURE TO USE A QUALIFIED CONTRACTOR, ALL DISCLAIMERS OF IMPLIED WARRANTIES SHALL BE EFFECTIVE UPON INSTALLATION.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above exclusions or limitations may not apply to you.

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

This equipment if installed in strict accordance with the manufacturer's instructions, complies with the limits for a Class B computing device pursuant to Subpart J of Part 15 of FCC rules.

WARRANTY REGISTRATION

Please take a few minutes to visit us online at Aprilaire.com to register your Aprilaire product.

If you do not have internet access, please mail a postcard with your name, address, phone number, product purchased and date of purchase to: Research Products Corporation, PO Box 1467, Madison, WI 53701

Your Warranty Registration information will not be sold or shared outside of this company.

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