

OWNER'S MANUAL	S1-THEH21P5S					
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Safety Warnings

P/N S1-THEH21P5S



CAUTION Follow <u>Installation Instructions</u> carefully. DISCONNECT POWER TO THE HEATER -AIR CONDITIONER BEFORE REMOVING THE OLD THERMOSTAT AND INSTALLING WARNING THE NEW THERMOSTAT.



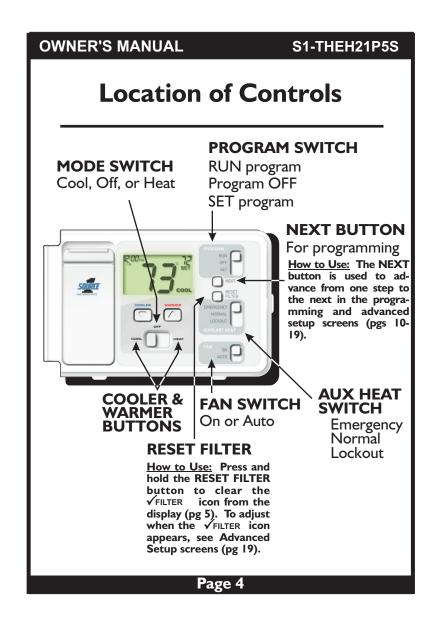
✓!\ CAUTION

The two Alkaline "AA" batteries must be replaced at least once every 12 months to ensure proper operation. The Low Battery icon (fig. 1) will appear on the display when it is time to replace the batteries. If the thermostat is connected to FIG. 1 24v power, the batteries should still be installed, but are not required.

When is displayed the batteries must be replaced immediately. The manufacturer cannot be liable for improper operation of the thermostat if the batteries are not immediately replaced.

Annual battery replacement is especially critical in locations subject to freezing temperatures. The thermostat will be unable to turn on the heating system if the batteries are exhausted.

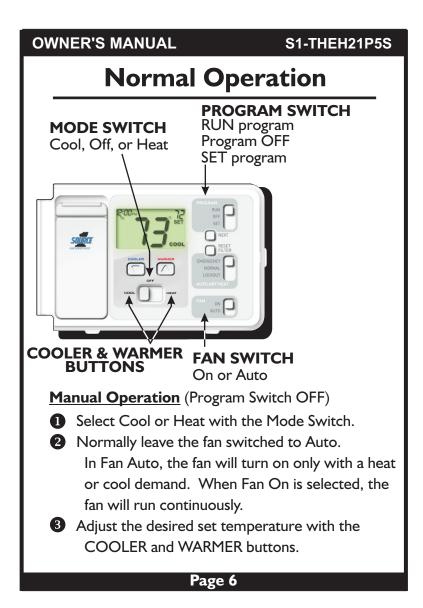
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

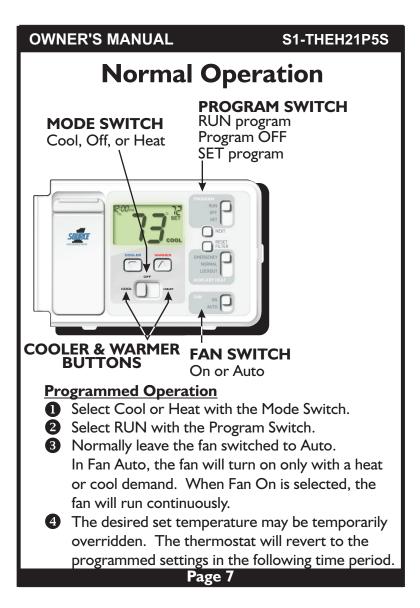


OWNER'S MANUAL Display 3 4 5 Pay Night AUX HEAT COOL

- Day of the week. When programming, MTuWThF represent the five weekdays and SaSu represent the two weekend days.
- Heat and Cool indicators. In normal operation, Heat or Cool appears, depending on the Mode Switch position. When heat or cool is energized, the Heat or Cool indicator will flash.
- 3 Clock Display.
- Time period indicators. These indicate the part of the program that is currently active, if the Program Switch is positioned to RUN.
- **5** Desired set temperature.
- 6 Current room temperature.
- 7 Indicates that 2nd stage of heat is energized.
- 8 Indicates when the filter should be serviced. Appears after 0 1950 hours of blower operation (adjustable).
- 9 Indicates batteries need replacement.

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Aux Heat

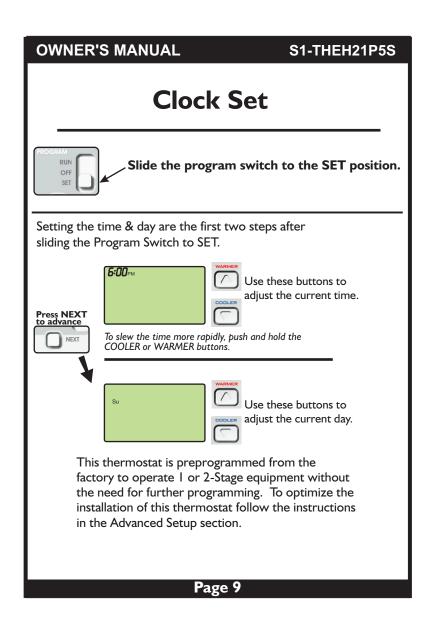


Emergency - Disables all compressor functions* and energizes only Aux Heat to satisfy the heat demand.

Normal - Aux Heat is allowed to run, if necessary, along with the heat pump to satisfy the heat demand.

<u>Lockout</u> - Aux Heat will never turn on regardless of the heat demand.

^{*} When the Aux Heat switch is in the Emergency position the compressor will also be locked out during cooling operation.



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Time Period Programming

Overview

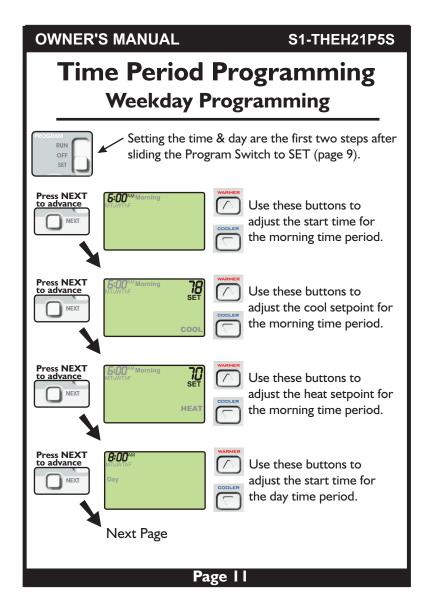
PROGRAM SWITCH

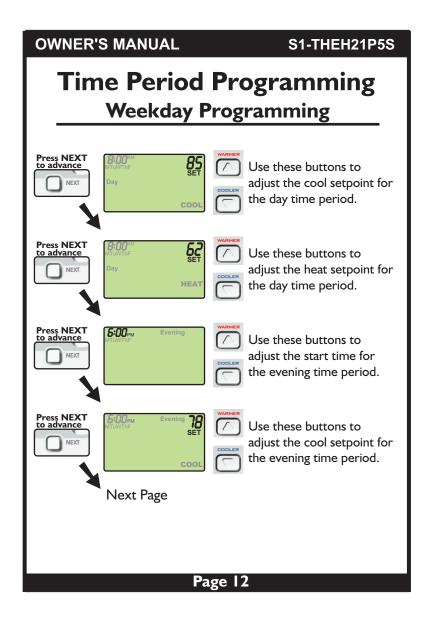
- Slide the Program Switch to the SET position.
- The blinking icon(s) on the display may be changed by pressing the COOLER or WARMER buttons.

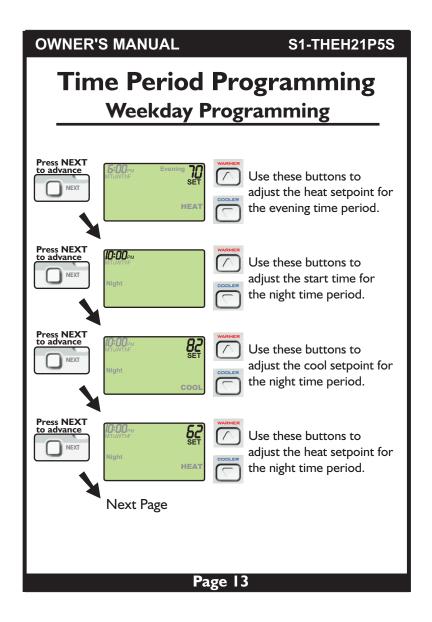


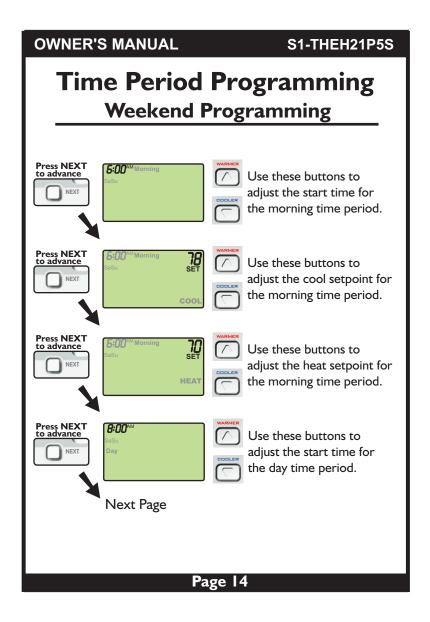
- After the blinking icon is changed to the desired selection, press the NEXT button.
- Each item in the time period programming screens will flash and can be modified with the COOLER & WARMER buttons.
- Continue the steps above until programming is complete.
- Slide the Program Switch to RUN and the thermostat will run the time period programming.
- If the Program Switch is in the OFF position, the thermostat will not run the time period program. In this case, the thermostat will be a manual heat or cool only thermostat.

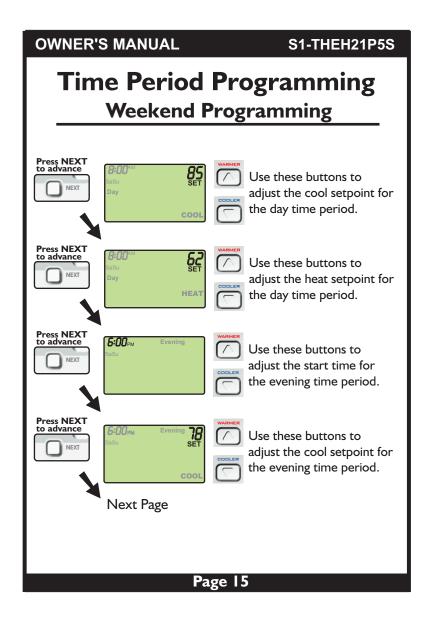
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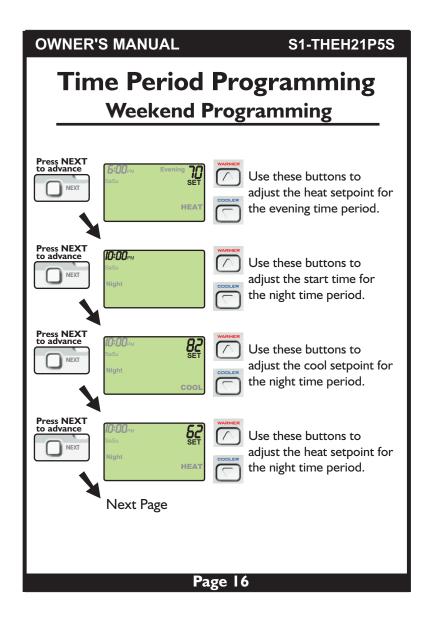












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Time Period Programming

After you have completed setting the time period programming, you have two options:

1) Run the time period program by sliding the

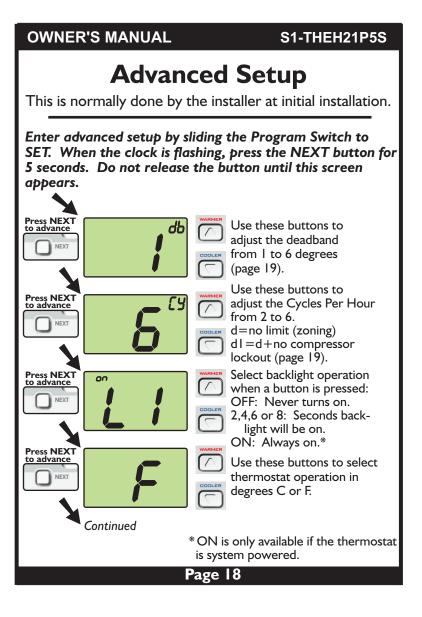


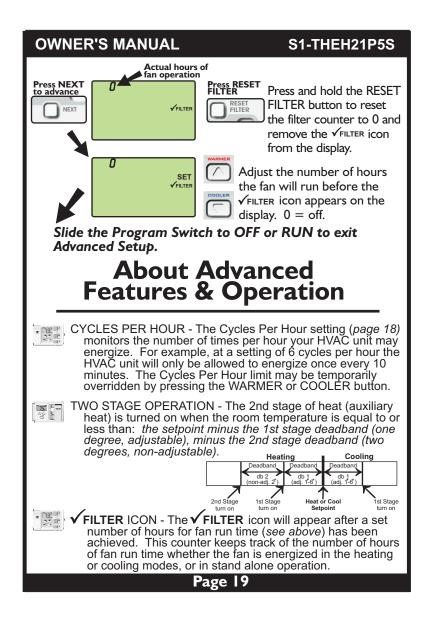
Program Switch to the RUN position.

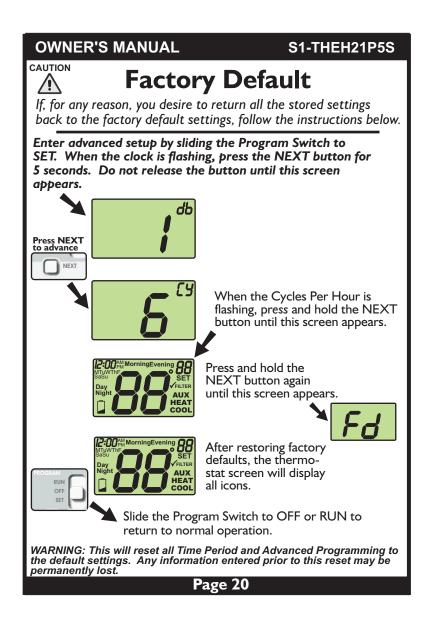
Or,

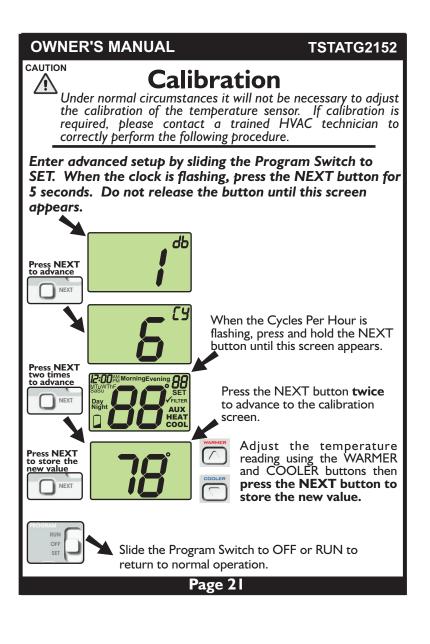
2) Do not run the time period program. The thermostat will operate as a manual heat or cool thermostat. Slide the Program Switch to OFF in this case.

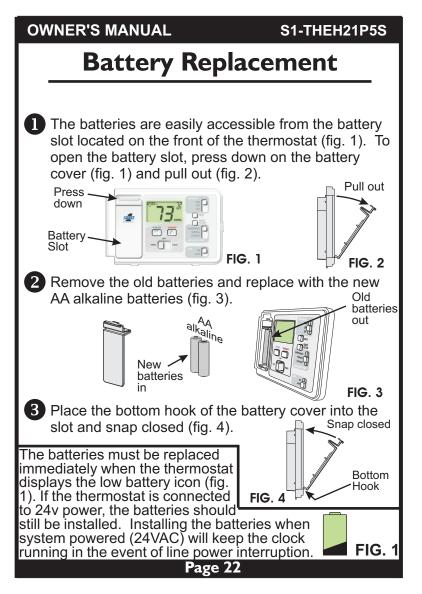












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Warranty

One-Year Warranty - This Product is warranted to be free from defects in material and workmanship. If it appears within one year 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 BECOMES VOID UPON 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 LASTS, SO THE ABOVE MAY NOT APPLY TO YOU. THE EXPRESSED WARRANTIES MADE IN THIS WARRANTY ARE EXCLUSIVE AND MAY NOT BE ALTERED, ENLARGED, OR CHANGED BY ANY DISTRIBUTOR, 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 ONLYTHE 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 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.
- 5. 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 Canada.
- 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 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.

Programming Worksheet

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DAY	PERIOD	START	TIME	COOL	HEAT
Monday Tuesday Wednesday Thursday Friday	Morning				
	Day				
	Evening				
	Night				
Saturday Sunday	Morning				
	Day				
	Evening				
	Night				