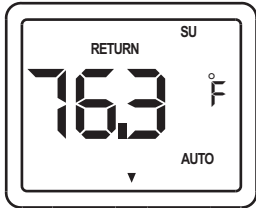


## Programming Instruction:

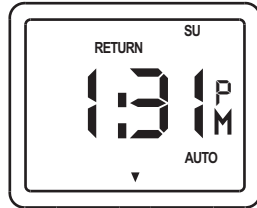
This thermostat is programmed 5+1+1. Monday through Friday are programmed as one. Saturday and Sunday are programmed separately. **Start Up**

When power is established for the first time the thermostat will load its default program settings. The display will alternate between a room temperature display and a time of day display. Both the time of day and room temperature displays will continuously flash to indicate that a power interruption has occurred.

Room Temperature



Time of Day



### Default Settings:

Time	12:01 PM
Day	Sunday
Manual setpoint	70.0°F (21.1°C)
Mode	Auto
Sat - Sun wake time	8:00 AM
Setpoint	70.0°F (21.1°C)
Sat - Sun leave time	10:00 AM
Setpoint	62.0°F (16.7°C)
Sat - Sun return time	6:00 PM
Setpoint	70.0°F (21.1°C)
Sat - Sun sleep time	11:00 PM
Setpoint	62.0°F (16.7°C)
Mon - Fri wake time	6:00 AM
Setpoint	70.0°F (21.1°C)
Mon - Fri leave time	8:00 AM
Setpoint	62.0°F (16.7°C)
Mon - Fri return time	6:00 PM
Setpoint	70.0°F (21.1°C)
Mon - Fri sleep time	10:00 PM
Setpoint	62.0°F (16.7°C)

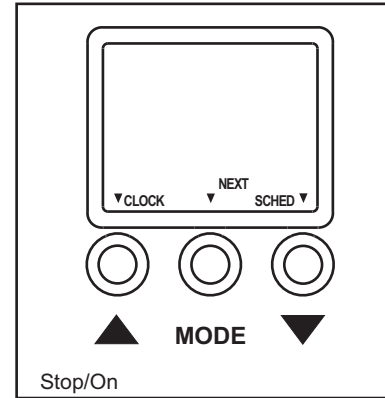
The default settings only apply at the first start of the microprocessor or when a reset is initiated. When the thermostat has been programmed, the default settings no longer apply.

### RESET:

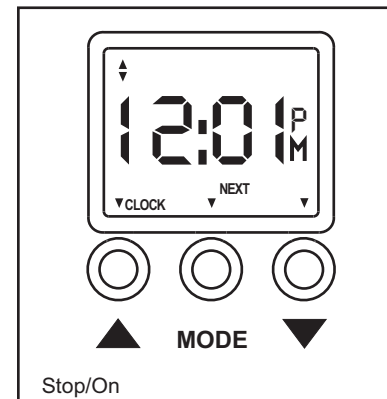
To reset to default settings: Press and hold the up ▲ and down ▼ buttons for 5 seconds. All programmed settings, auto schedule, clock data and operating modes will be erased. The default settings will be loaded.

### Setting the time of day:

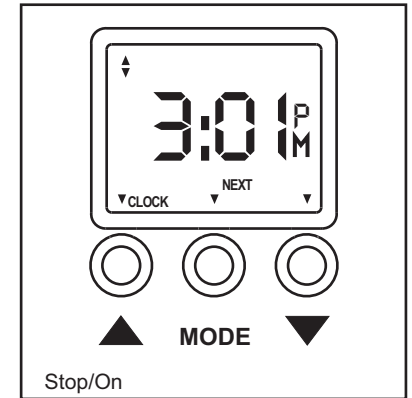
1. To activate the PROGRAM MODE, press the MODE button. The CLOCK, NEXT, SCHED and the three pointer arrow icons appear on the display.



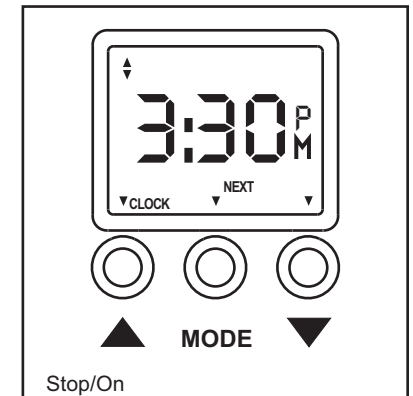
2. To activate the CLOCK MODE, press the down ▼ button. The hour numerals will flash. Hour adjustments are made in one hour increments.



3. To set the hours, press the down ▼ button to decrease the hour or the up ▲ button to advance the hour. Note: the clock is a 24 hour clock and will display AM or PM to distinguish time of day. The AM/PM icon will change with setting the hours.

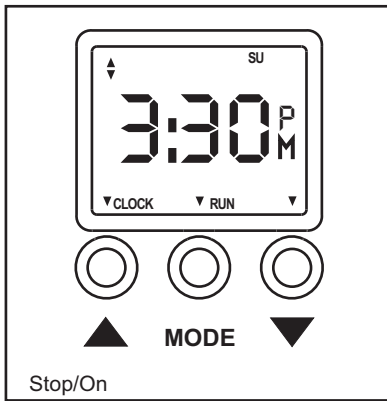


4. Press the MODE button to activate the set minutes mode. The minute numerals will flash. To set the minutes, press the down ▼ button to decrease the minutes or the up ▲ button to advance the minutes. Minute adjustments are in one minute increments.



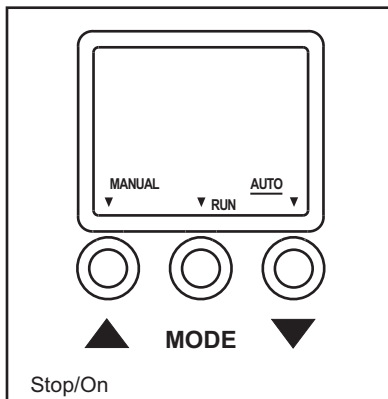
### Setting the day of week:

Press the MODE button to activate the set day of week mode. The SU icon will flash. To set the day, press the down ▼ button to select the previous day or the up ▲ button to select the next day. Only the selected day will show on the LCD. Press the MODE button to save the present time of day and day of week.



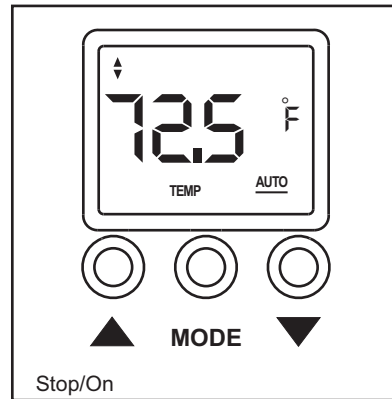
### Selecting AUTO or MANUAL MODE:

To select the AUTO or MANUAL operating mode, press the MODE button twice. The MANUAL, RUN, AUTO and the three pointer icons appear on the display. The current mode is identified by a flashing underline. Press the down ▼ button to select MANUAL mode or the up ▲ button to select AUTO mode. To activate the selected operating mode, press the MODE button again.



### Setting a Temporary Setpoint:

To set a temporary setpoint (AUTO mode only), press either the down ▼ button or the up ▲ button to display the current setpoint. To change the setpoint, press the down ▼ button to decrease the setting or press the up ▲ button to increase the setting. TEMP is displayed to indicate that a temporary setpoint is active. It will be canceled when the next programmed operating state has been activated (WAKE, LEAVE, RETURN or SLEEP). It may also be canceled by adjusting the setpoint up or down until the TEMP icon disappears.

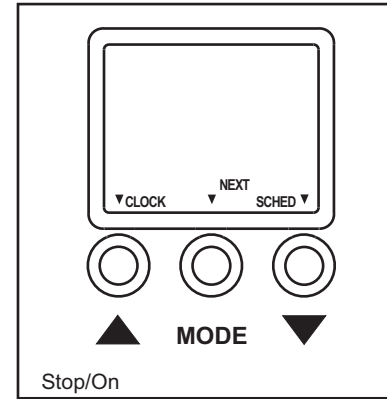


### Selecting Scale:

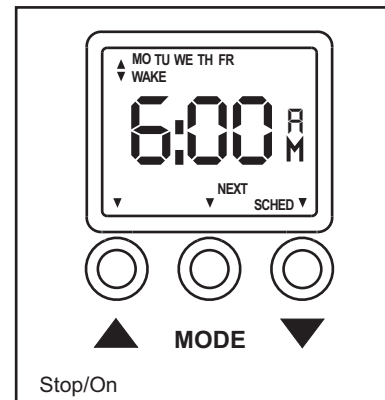
To change from °F to °C Press and hold the MODE and down buttons until display changes. Repeat process to change back from °C to °F.

## PROGRAMMING THE AUTO SCHEDULE

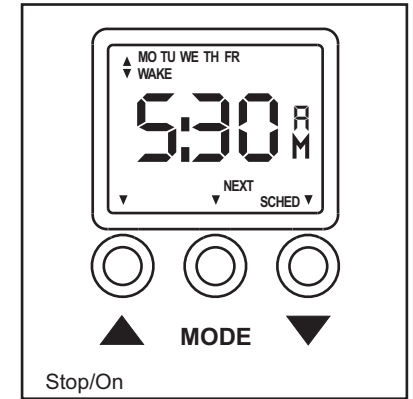
1. To activate the PROGRAM MODE, press the MODE button once. The CLOCK, NEXT, SCHED and the three pointer arrow icons appear on the display.



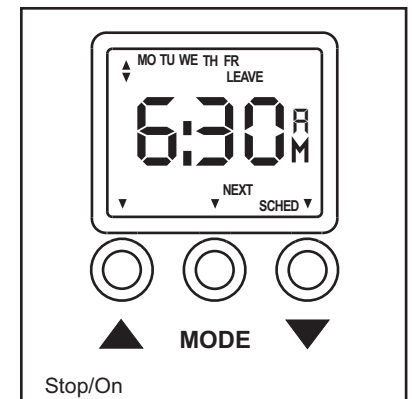
2. To activate the AUTO SCHEDULE program mode, press the up ▲ button once. The first display will be the WAKE time for Monday through Friday. Time adjustments are made in 15 minute increments.



3. To program the WAKE time setting, press the down ▼ button to decrease the time or the up ▲ button to increase the time. When the time setting is correct, press the MODE button to advance to program the LEAVE time setting.

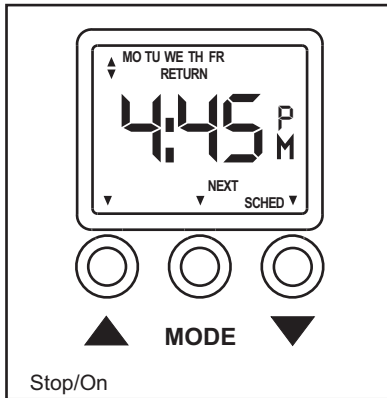


4. To program the LEAVE time setting, press the down ▼ button to decrease the time or the up ▲ button to increase the time. When the time setting is correct, press the MODE button to advance to program the RETURN time setting.

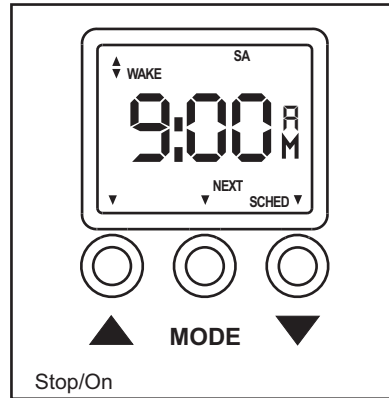


## PROGRAMMING THE AUTO SCHEDULE (cont.)

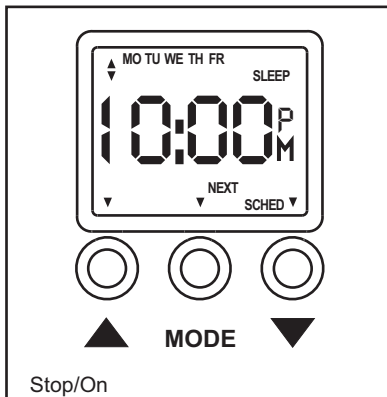
5. To program the RETURN time setting, press the down ▼ button to decrease the time or the up ▲ button to increase the time. When the time setting is correct, press the MODE button to program the SLEEP time setting.



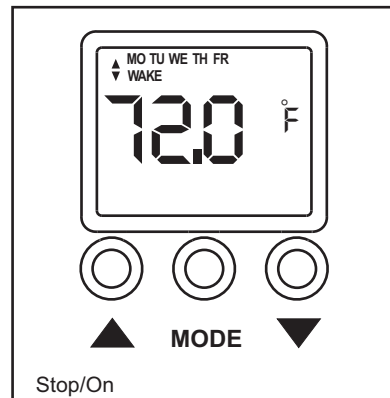
7. To program the WAKE, LEAVE, RETURN and SLEEP time settings for both Saturday (SA) and Sunday (SU), return to the beginning of the PROGRAMMING AUTO SCHEDULE instructions.



6. To program the SLEEP time setting, press the down ▼ button to decrease the time or the up ▲ button to increase the time. When the time setting is correct, press the MODE button to program the Saturday WAKE time setting.

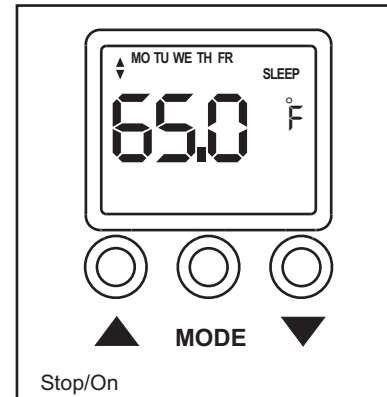


8. After programming the Saturday and Sunday time settings, press the MODE button to program the Monday through Friday WAKE setpoint temperature. To program setpoint temps, press the down ▼ button to decrease the temp or the up ▲ button to increase the temp. When the temperature setting is correct, press the MODE button to advance to program the LEAVE temp.

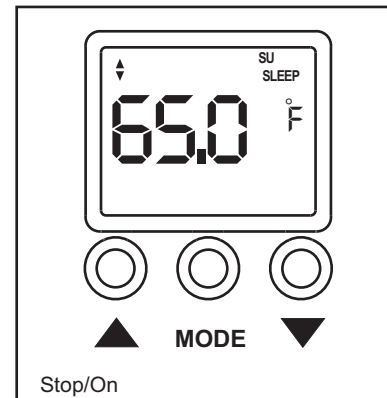


## PROGRAMMING THE AUTO SCHEDULE (cont.)

9. Continue to program the setpoint temperatures by pressing the MODE button to advance to LEAVE, RETURN and then SLEEP. For each schedule, press either the down ▼ button or the up ▲ button to program the correct setpoint. Press the MODE button to advance.

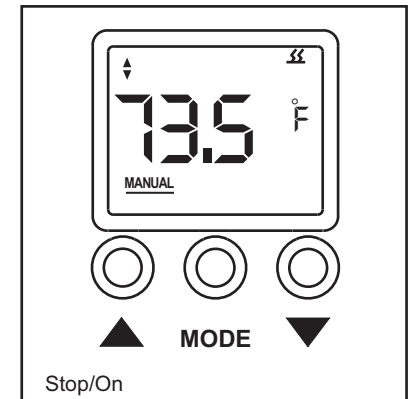


10. Continue to program the setpoint temperatures by pressing the MODE button to advance. For each schedule, press either the down ▼ button or the up ▲ button to program the correct setpoint. When you have completed the Saturday and Sunday programming, press the MODE button to save.



### Adjusting MANUAL setpoint:

To adjust the MANUAL mode setpoint, press either the down ▼ button or the up ▲ button to display the current manual setpoint. To change the setpoint, press the down ▼ button to decrease the setting or press the up ▲ button to increase the setting. The thermostat will automatically return to the time/room temperature display within 30 seconds. Heat will become active if the setpoint is adjusted above the room temperature.



### Stop/On Mode:

While in normal operating mode, the slide switch should be in the **On** position. While in the On mode the thermostat will be active until the desired setpoint is reached.

When slide switch is in the **Stop** position the thermostat will not call for heating unless the temperature drops below 40°F (5°C). At this time the thermostat will be active until the temperature reaches 40°F. This mode may be useful to prevent pipes freezing while on vacation, etc.