

# T7525/T7526 Thermostat Touchpad



# User Guide





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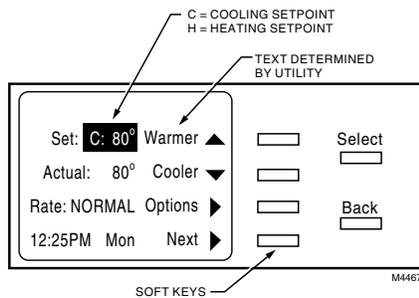


## WHAT YOU CAN DO USING THE TOUCHPAD

Using the T7525/T7526 Thermostat Touchpad, you can easily adjust your energy management heating/cooling system to keep your home comfortable, and at the same time, conserve energy and lower your utility bills. Do this by using the following Easy-to-use™ functions programmed into the Touchpad:

- Hold Temperature—you can maintain a temperature until you manually cancel it.
- Settings and Schedules—you can:
  - Change the setpoint temperature.
  - Change the daily schedules.
- Heat/Cool Equipment—you can:
  - Switch the system to HEAT, COOL, or OFF.
  - Switch the fan to ON or AUTO.
- Ventilation—you can switch the fan to ON or AUTO.
- Present Time/Day—you can change the time and day.

## TOUCHPAD SCREENS

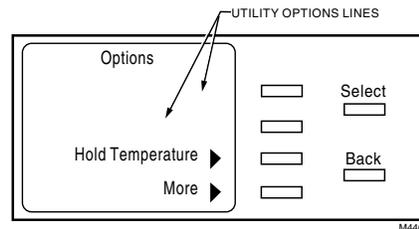


The Base screen displays automatically after two minutes of inactivity at the Touchpad.

Backlighting is activated by pressing any key on the Touchpad. See the Backlighting section for more information on backlighting.

Other screens display depending on which keys are pressed (Select, Back, or soft keys).

The Touchpad will notify you when certain faults occur in your heating and cooling system through messages displayed on the first line of the screen. Once the fault is corrected, the fault message is automatically removed and the programmed text is restored on the first line of the screen.

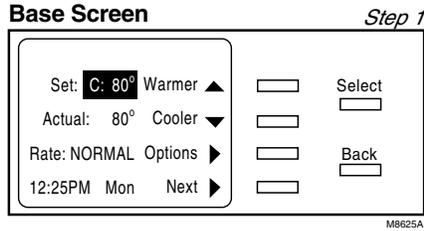


If the Touchpad is connected to a gateway utility, programmed utility options are displayed on the top two lines of the first Options menu.



## TEMPERATURE CONTROL FUNCTIONS

### Temporarily Change the Setpoint Temperature Using T7525A/T7526A Thermostat Touchpads (Manual Changeover)

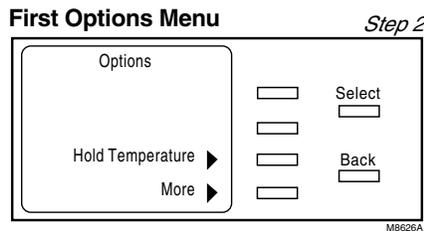


You can temporarily change (override) the setpoint temperature. Follow these steps:

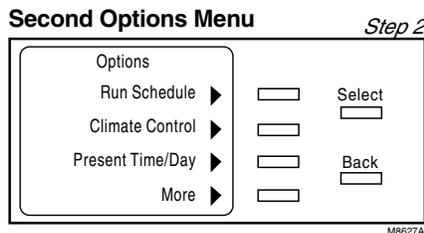
**NOTE:** To terminate this procedure, press the **Back** key within one minute. Screen displays the Base screen.

1. From the Base screen, repeatedly press the **Warmer** or **Cooler** soft key until the desired setpoint temperature displays. The setpoint temperature range is 45° to 88°F (7° to 31°C).
2. To accept the change, press **Select**. If you press the **Options** or **Next** soft key or do not press a key for one minute, the change will also be accepted. The screen displays the Base screen. The screen displays the actual temperature and the heating/cooling setpoint.

**NOTE:** To accept the temporary setpoint change and perform another function, press the **Options** soft key. Screen displays the first Options menu. The new temperature setting remains in effect until the next scheduled period or, if so configured, when the unit price rate changes.

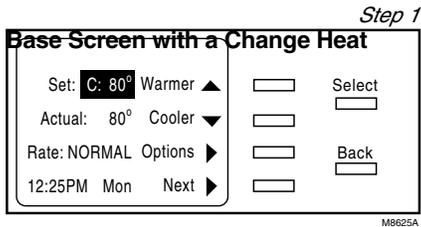


The new temperature setting remains in effect until the next scheduled period or, if so configured, when the utility price rate changes.



The temporary change can be canceled and the system returned to the original setpoint temperature by pressing the **Run Schedule** soft key in the second Options menu.

## Temporarily Change the Setpoint Temperature Using T7525C/T7526C Thermostat Touchpads (Auto Changeover)

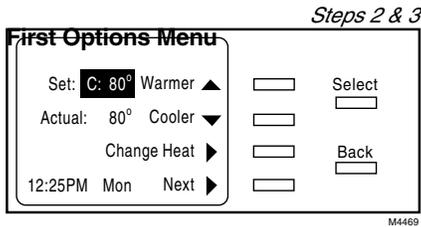


You can temporarily change (override) the setpoint temperature. Follow these steps:

**NOTE:** To terminate this procedure, press the **Back** key within one minute. Screen displays the Base screen.

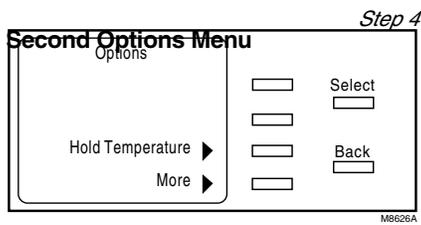
1. From the Base screen, press either the **Warmer** or **Cooler** soft key. The **Options** soft key becomes either a **Change Heat** or **Change Cool** soft key depending on which set point type (H or C) is currently displayed.
2. Press the **Change Heat** or **Change Cool** soft key until the desired setpoint type (H or C) is displayed.
3. Press either the **Warmer** or **Cooler** soft key repeatedly until the desired setpoint temperature displays. The setpoint temperature range is 45° to 88°F (7° to 31°C).

### or Change Cool Soft Key



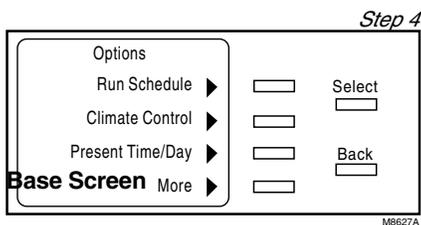
**NOTE:** A minimum 3 degree F (2 degree C) deadband is maintained between the heating and cooling setpoints. If either setpoint is adjusted into the deadband, the other setpoint will automatically change to maintain the minimum 3 degree F differential.

4. To accept the change, press **Select**. If you press the **Options** or **Next** soft key or do not press a key for one minute, the change will also be accepted. The screen displays the Base screen. The screen displays the Base screen. The screen displays the actual temperature and the heating/cooling setpoint.



**NOTE:** To accept the temporary setpoint change and perform another function, press the **Options** soft key. Screen displays the first Options menu. The new temperature setting remains in effect until the next scheduled period or, if so configured, when the unit price rate changes.

The new temperature setting remains in effect until the next scheduled period or, if so configured, when the utility price rate changes.



The temporary change can be canceled and the system returned to the original setpoint temperature by pressing the **Run Schedule** soft key in the second Options menu.

## Hold the Temperature

### Base Screen *Step 1*

Set: C: 80° Warmer ▲  Select

Actual: 80° Cooler ▼

Rate: NORMAL Options ▶  Back

12:25PM Mon Next ▶

M8625A

You can hold the current setpoint temperature until you manually cancel it. Follow these steps:

1. From the Base screen, press the **Options** soft key. The screen displays the first Options menu.
2. Press the **Hold Temperature** soft key. The screen displays the Base screen. The screen displays the actual temperature and the heating/cooling setpoint. The hold remains in effect until you manually cancel it.

### First Options Menu *Step 2*

Options  Select

Hold Temperature ▶  Back

More ▶

M8626A

## Cancel the Temperature Hold

### Base Screen *Step 1*

Hold: C: 80° Warmer ▲  Select

Actual: 80° Cooler ▼

Rate: NORMAL Options ▶  Back

12:25PM Mon Next ▶

M4470

You can cancel the temperature hold. Follow these steps:

1. From the Base screen, press the **Options** soft key. The screen displays the first Options menu.
2. Press the **Cancel Temperature Hold** soft key. The screen displays the Base screen. The screen displays the actual temperature and the heating/cooling setpoint.

or

- a. Press the **More** soft key. The screen displays the second Options menu.
- b. Press the **Run Schedule** soft key. The screen displays the Base screen. The screen displays the actual temperature and the heating/cooling setpoint.

### First Options Menu *Step 2*

Options  Select

Cancel Temperature Hold ▶  Back

More ▶

M4471

### Second Options Menu *Step 2*

Options  Select

Run Schedule ▶

Climate Control ▶

Present Time/Day ▶  Back

More ▶

M8627A

## Change the Program Setpoint Temperatures

### Base Screen *Step 1*

Set: C: 80° Warmer ▲  Select

Actual: 80° Cooler ▼

Rate: NORMAL Options ▶  Back

12:25PM Mon Next ▶

M8625A

### First Options Menu *Step 2*

Options  Select

Hold Temperature ▶  Back

More ▶

M8626A

### Second Options Menu *Step 3*

Options  Select

Run Schedule ▶

Climate Control ▶

Present Time/Day ▶  Back

More ▶

M8627A

### Climate Control Menu *Step 4*

Climate Control  Select

Settings and Schedules ▶

Heat/Cool Equipment ▶

Ventilation ▶  Back

M8628A

### Settings and Schedules Menu *Step 5*

Settings and Schedules  Select

Weekday ▲

▼

Temperature Settings ▶  Back

Day Schedule ▶

M8629A

### Current Settings Screen *Steps 6 & 7*

Sunday Settings  Select

Wake H: 70° C: 78° ▶

Leave H: 62° C: 78° ▶

Return H: 70° C: 78° ▶  Back

Sleep H: 64° C: 78° ▶

M4472

### Current Period Settings Screen (Change Cool Shown) *Steps 8-10*

Weekday-Leave Settings  Select

Heat: 62° ▲

▼

Change Cool ▶  Back

M8630A

You can change the setpoint temperature. Follow these steps:

1. From the Base screen, press the **Options** soft key. The screen displays the first Options menu.
2. Press the **More** soft key. The screen displays the second Options menu.
3. Press the **Climate Control** soft key. The screen displays the Climate Control menu.
4. Press the **Settings and Schedules** soft key. The screen displays the Settings and Schedules menu.
5. Press the ▲ or ▼ soft key repeatedly until the desired selection (Weekday, Saturday, or Sunday) displays.
6. Press the **Temperature Settings** soft key. The screen displays the current settings for each period for the selected day.

NOTE: H refers to the heating setpoint; C refers to the cooling setpoint.

7. Press the soft key for the period to be changed. The screen displays the settings for that period.
8. Press the **Change Heat** or **Change Cool** soft key until the desired setpoint type (Heat or Cool) is displayed.
9. Press the ▲ or ▼ soft key repeatedly until the desired temperature setting displays. The setpoint temperature range is 45° to 88°F (7° to 31°C).
10. Perform one of the following:
  - a. To accept the new setting, press the **Select** key or do not press a key for one minute. The screen displays the current settings for the selected day.
  - b. To cancel the temperature entered in step 9, press the **Back** key within one minute. The screen displays the current settings for the selected day.

NOTE: For systems using the T7525C/T7526C Thermostat Touchpads (auto changeover), a minimum 3 degree F (2 degree C) deadband is maintained between the heating and cooling setpoints. If either setpoint is adjusted into the deadband, the other setpoint will automatically change to maintain the minimum 3 degree F differential.

11. Repeat steps 7 through 10 for any other heating or cooling setpoints that need to be changed.
12. Press the **Select** key. The screen displays the Settings and Schedules menu.
13. Repeat steps 4 through 11 for any other days that need to be changed.
14. Press the **Select** key repeatedly until the Base screen displays.

## Change the Time a Period Starts

### Base Screen *Step 1*

Set: C: 80° Warmer ▲  Select   
 Actual: 80° Cooler ▼    
 Rate: NORMAL Options ▶  Back   
 12:25PM Mon Next ▶

M8625A

### First Options Menu *Step 2*

Options  Select   
 Hold Temperature ▶  Back   
 More ▶

M8626A

### Second Options Menu *Step 3*

Options  Select   
 Run Schedule ▶    
 Climate Control ▶  Back   
 Present Time/Day ▶    
 More ▶

M8627A

### Climate Control Menu *Step 4*

Climate Control  Select   
 Settings and Schedules ▶    
 Heat/Cool Equipment ▶  Back   
 Ventilation ▶

M8628A

### Settings and Schedules Menu *Step 5*

Settings and Schedules  Select   
 Weekday ▲    
 Temperature Settings ▶  Back   
 Day Schedule ▶

M8629A

### Current Schedule Screen *Steps 6 & 7*

Weekday Schedule  Select   
 Wake 6:00 AM ▶    
 Leave 8:00 AM ▶    
 Return 5:00 PM ▶  Back   
 Sleep 10:00 PM ▶

M4473

### Current Period Screen *Steps 8-11*

Weekday-Leave Time  Select   
 8:00 AM ▲    
 Next Field ▶  Back   
 Cancel This Period ▶

M4474

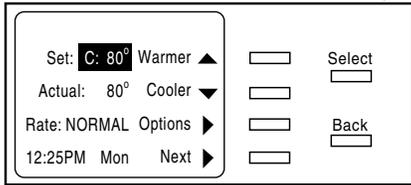
You can change the time a period starts. Follow these steps:

1. From the Base screen, press the **Options** soft key. The screen displays the first Options menu.
2. Press the **More** soft key. The screen displays the second Options menu.
3. Press the **Climate Control** soft key. The screen displays the Climate Control menu.
4. Press the **Settings and Schedules** soft key. The screen displays the Settings and Schedules menu.
5. Press the ▲ or ▼ soft key repeatedly until the desired selection (Weekday, Saturday, or Sunday) displays.
6. Press the **Day Schedule** soft key. The screen displays the schedule for the selected day.
7. Press the soft key for the period to be changed. The screen displays the start time for that period with the Hours field highlighted.
8. Press the **Next field** soft key repeatedly until the desired field (Hours, Minutes, or AM/PM) is highlighted.
9. Press the ▲ or ▼ soft key repeatedly until the desired time displays (minutes change in 10 minute increments/decrements).
10. Repeat steps 8 and 9 for each field, as required.
11. Perform one of the following:
  - a. To accept the new time, press the **Select** key or do not press a key for one minute. The screen displays the current settings for the selected day.
  - b. To cancel the time entered in step 9, press the **Back** key within one minute. The screen displays the schedule for the selected day.
12. Repeat steps 7 through 10 for any other periods that need to be changed.
13. Press the **Select** key. The screen displays the Settings and Schedules menu.
14. Repeat steps 4 through 11 for any other days that need to be changed.
15. Press the **Select** key repeatedly until the Base screen displays.

## Change the Operating Mode of Heating/Cooling Equipment

### Base Screen

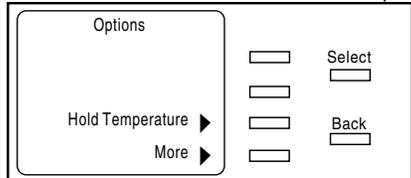
Step 1



M8625A

### First Options Menu

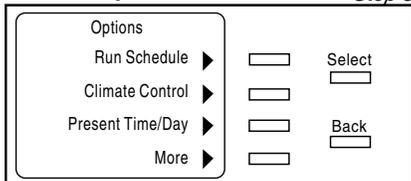
Step 2



M8626A

### Second Options Menu

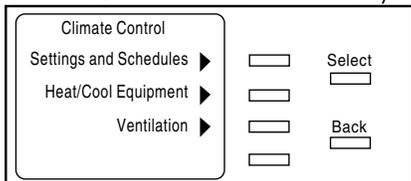
Step 3



M8627A

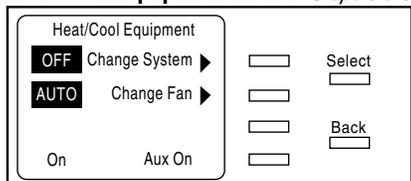
### Climate Control Menu

Step 4



M8628A

### Heat/Cool Equipment Menu Steps 5 & 6



M8631A

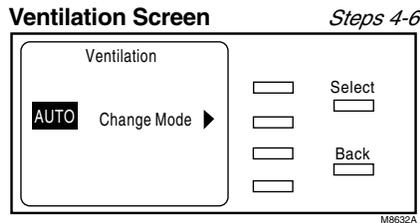
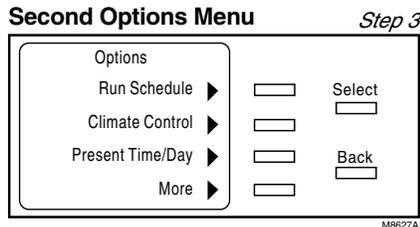
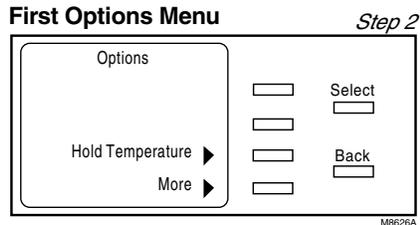
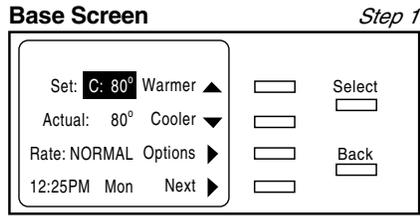
You can change the operating mode of heating and cooling equipment. Follow these steps:

1. From the Base screen, press the **Options** soft key. The screen displays the first Options menu.
2. Press the **More** soft key. The screen displays the second Options menu.
3. Press the **Climate Control** soft key. The screen displays the Climate Control menu.
4. Press the **Heat/Cool Equipment** soft key. The screen displays the Heat/Cool Equipment menu with the current operating mode highlighted.
5. Perform one of the following:
  - a. To change the operating mode, repeatedly press the **Change System** soft key until the desired operating mode displays (HEAT, COOL, and OFF for conventional systems and EM HEAT, HEAT, COOL, and OFF for heat pumps).
 

**NOTE:** For systems using the T7525C/T7526C Thermostat Touchpads (auto changeover), an additional selection (AUTO) is available.

**NOTE:** Select EM HEAT after a heat pump fault message (for example, Heat Pump Failure) displays at the Touchpad. After the fault is corrected, select one of the other operating modes.
  - b. To change the fan, repeatedly press the **Change Fan** soft key until the desired operating mode displays (AUTO and ON).
6. Perform one of the following:
  - a. To accept the changes, press the **Select** key. The screen displays the Climate Control menu.
  - b. To cancel step 5, press the **Back** key within one minute. The screen displays the Climate Control menu.
7. Press the **Select** key. The screen displays the Options menu.
8. Press the **Select** key. The screen displays the Base screen.

## Change the Operating Mode of Ventilation Equipment



You can change the operating mode of ventilation equipment (if installed). Follow these steps:

1. From the Base screen, press the **Options** soft key. The screen displays the first Options menu.
2. Press the **More** soft key. The screen displays the second Options menu.
3. Press the **Climate Control** soft key. The screen displays the Climate Control menu.
4. Press the **Ventilation** soft key. The screen displays the Ventilation screen with the current operating mode highlighted.
 

**NOTE:** If ventilation is not a part of the system, the screen displays a message that ventilation was not installed.
5. To change the operating mode, repeatedly press the **Change Mode** soft key until the desired operating mode displays (AUTO and ON).
6. Perform one of the following:
  - a. To accept the changes, press the **Select** key. The screen displays the Climate Control menu.
  - b. To cancel step 5, press the **Back** key within one minute. The screen displays the Climate Control menu.
7. Press the **Select** key repeatedly until the Base screen displays.

## Change the Time and Day

Step 1

**First Options Menu**

Set: C: 80° Warmer ▲  Select

Actual: 80° Cooler ▼

Rate: NORMAL Options ▶  Back

12:25PM Mon Next ▶

M8625A

Step 2

**Second Options Menu**

Options  Select

Hold Temperature ▶  Back

More ▶

M8626A

Step 3

**Present Time/Day Screen**

Options  Select

Run Schedule ▶

Climate Control ▶

Present Time/Day ▶  Back

More ▶

M8627A

Steps 4 &amp; 5

**Present Time + Day**

8:35AM ▲  Select

Monday ▼

Next Field ▶  Back

Auto Set ▶

M8633A

You can change the time and day. Follow these steps:

- From the Base screen, press the **Options** soft key. The screen displays the first Options menu.
- Press the **More** soft key. The screen displays the second Options menu.
- Press the **Present Time/Day** soft key. The screen displays the Present Time + Day screen with the Hour field highlighted.
- Perform one of the following:
  - Change the time:
    - Press the **Next Field** soft key repeatedly until the desired field is highlighted (Hour, Minute, or AM/PM).
    - Press the ▲ or ▼ soft key repeatedly until the desired time displays.
    - Repeat steps a and b for each field, as required.
  - Change the day:
    - Press the **Next Field** soft key repeatedly until the Day field is highlighted.
    - Press the ▲ or ▼ soft key repeatedly until the desired day displays.
- Perform one of the following:
  - To accept the changes, press the **Select** key. The screen displays the second Options menu.
 

**NOTE:** The time and day displayed at the Touchpad can be restored to the utility time and day by pressing the **Auto Set** soft key in the Present Time + Day screen. The time will automatically revert to the utility time whenever the system updates. Therefore, only the day of week can actually be set.
  - To terminate this procedure, press the **Back** key within one minute. The screen displays the second Options menu.
- Press the **Select** key repeatedly until the Base screen displays.

### Base Screen



**Honeywell**

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Scarborough, Ontario

QUALITY IS KEY