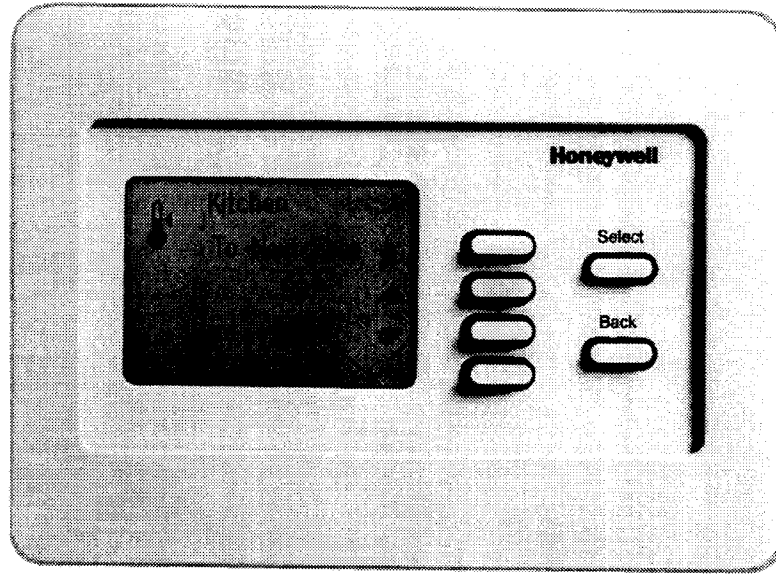


W180 Zone Control System



Owner's Manual



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WHAT YOU CAN DO USING THE TOUCHPAD

You can change the temperature in any zone, change the time a profile begins, and perform other functions that allow you to easily adjust your system to keep your home comfortable, and at the same time, conserve energy. All of this is done using the four easy-to-use functions programmed into the W180 Zone Control System:

- *Profiles*—You can activate any profile or change the temperature settings for any profile. A profile sets heat and cool temperatures for each zone. Using *Profiles* allows you to change all temperature settings at once rather than changing one zone at a time.
- *Schedules*—You can change the start time(s) of any profile.
- *Maintenance*—You can:
 - Change the HVAC system mode, fan mode, and emergency heat setting.
 - Change the date and time.
- *Quick View*—You can see the temperatures and temperature settings in all zones and temporarily change (override) the current temperature for any zone.

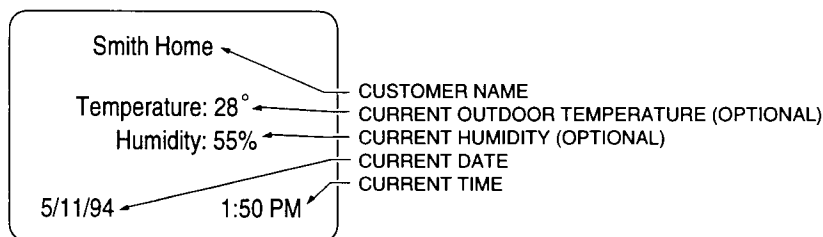
Changing a profile through *Profiles* or adjusting a zone temperature through *Quick View* are considered overrides to the programmed schedule. You can select the duration of any such override. Override duration choices are:

- *Until Cancelled by User*—The override stays in effect until you cancel it or make another change.
- *Until Next Scheduled Event*—The override stays in effect until the next scheduled profile starts.
- *Until a Specified Time and Date*—A time and date can be specified when the override automatically cancels and the system returns to the normal programmed schedule.

TOUCHPAD SCREENS

The Base screen displays automatically after five minutes of inactivity at the Touchpad(s).

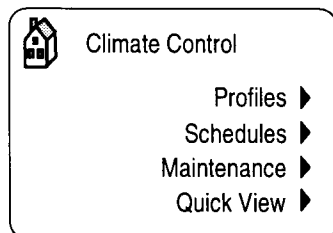
Base Screen



C7111

Pressing any key displays the Main menu and causes the backlighting to light at the selected level. The Main menu shows the four main Touchpad functions.

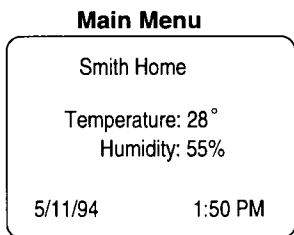
Main Menu



C7112

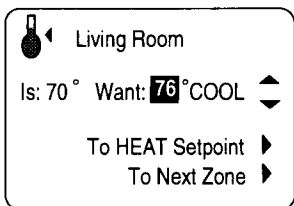
Temporarily Change the Temperature in a Room

You can easily view and temporarily change (override) the temperature and the length of time (duration) that the change should remain in effect in any zone with *Quick View*. Follow these easy steps:



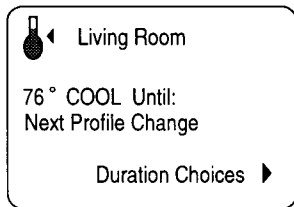
C7113

Typical Zone Quick View Screen



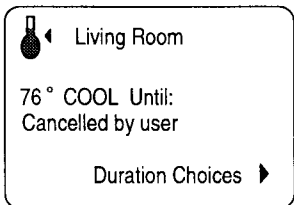
C7114

Typical Duration Choices Screen



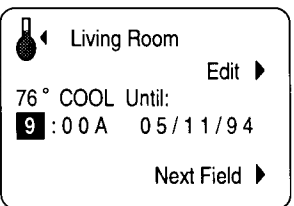
C7115

Typical Cancel Override Screen



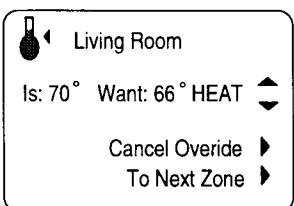
C7116

Typical Time and Date Duration Choices Screen



C7117

Typical Quick View Screen with Cancel Override



C7118

1. From the Main menu, press the **Quick View** key. The screen displays the sensed temperature and the heat/cool setting for the first zone. You can:
 - Display the next zone. Go to Step 2.
 - Override a setpoint. Go to Step 3.

2. Press the **To Next Zone** key to show the next zone. The screen displays the sensed temperature and the heat/cool settings. You may now view another zone or override the zone settings as described in Step 3.

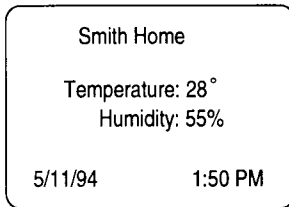
3. Change the temperature as follows:
 - a. If the temperature setting (heat or cool) you want to change is not displayed, press the **To HEAT Setpoint** or **To COOL Setpoint** key, depending on which setpoint is displayed, to change between the heat and cool setpoints.
 - b. Press the **▲** or **▼** key once for each degree to raise or lower the setpoint temperature. The temperature setpoint range is 45 to 99° F.
 - c. Press **Select** to accept the new temperature setpoint setting.
 - d. The duration of the override can now be selected. Press the **Duration Choices** key repeatedly until the desired Duration Choices screen displays. The duration choices display in the following order:
 - Next Profile Change: When Next Profile Change is displayed on the screen, the override remains in effect until the next scheduled profile start time occurs.
 - Cancelled by User: When **Cancelled by User** is displayed on the screen, the override remains in effect until you choose **Cancel Override** from the Quick View screen.
 - Specified Time and Date: The override automatically cancels at the time and date specified. The system then returns to the programmed schedule. The override remains in effect until the specified time and date you enter. The default time and date is two hours past the current time and date. Change the time the duration ends as follows:
 - 1) Press the **Edit** key. The Hour data field is highlighted.
 - 2) Press the **▲** or **▼** key to change the value of the highlighted data field.
 - 3) Press the **Next Field** key to move to the next data field.
 - 4) Press **Back** to cancel this function and return to the Time and Date Duration Choices screen.
 - 5) Press **Select** to accept the override temperature and duration choice.
 NOTE: If the change affects other setpoints, the following warning is displayed: *Based on this override other setpoints will be affected.* Press **Select** to acknowledge the warning.

The screen displays the Quick View display for the zone and shows that an override is in effect. To cancel the override, press the **Cancel Override** key.

- 6) Press **Back** to return to the Main Menu. If a key is not pressed, the screen automatically returns to the Base screen after five minutes of inactivity.

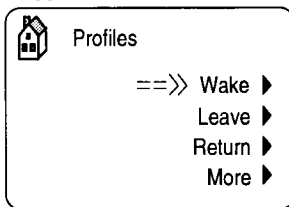
Temporarily Change a Profile

Main Menu



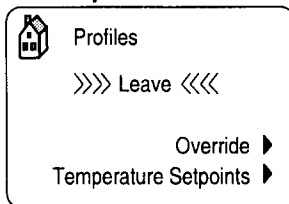
C7113

Typical Profiles Screen



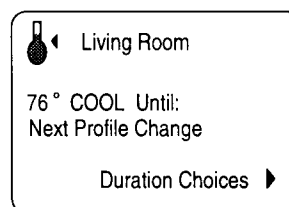
C7119

Typical Override/Temperature Setpoints Screen



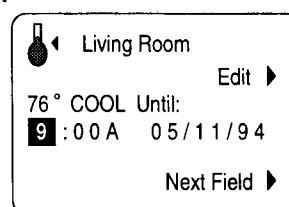
C7120

Typical Duration Choices Screen



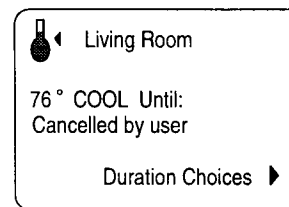
C7115

Typical Cancel Override Screen



C7117

Typical Time and Date Duration Choices Screen



C7116

You can easily override, modify, or temporarily change the heat/cool settings programmed for any profile as follows:

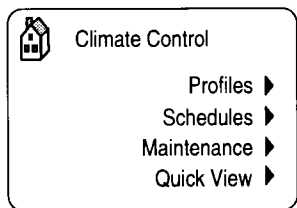
1. At the Main menu, press the **Profiles** key to display the Profiles screen.
2. Press the key next to the desired profile to display the profile. The screen displays the Override/Temperature Setpoints screen for the selected profile.
3. Press the **Override** key to display the first Duration Choices screen.
4. The duration of the override can now be selected. Press the **Duration Choices** key repeatedly until the desired Duration Choices screen displays. The duration choices are displayed in the following order:
 - **Next Profile Change:** When **Next Profile Change** is displayed on the screen, the override remains in effect until the next scheduled profile start time occurs.
 - **Cancelled by User:** When **Cancelled by User** is displayed on the screen, the override remains in effect until you choose **Cancel Override** from the Quick View screen.
 - **Specified Time and Date:** The override automatically cancels at the time and date specified. The system then returns to the programmed schedule. The override remains in effect until the specified time date you enter. The default time and date is two hours past the current time and date. Change the time the duration ends as follows:
 - a. Press the **Edit** key. The Hour data field is highlighted.
 - b. Press the **▲** or **▼** key to change the value of the highlighted data field.
 - c. Press the **Next Field** key to move to the next data field.
 - d. Press **Back** to cancel this function and return to the Time and Date Duration Choices screen.
 - e. Press **Select** to accept the override temperature and duration choice.

NOTE: If the change affects other setpoints, the following warning displays: *Based on this override other setpoints will be affected.* Press **Select** to acknowledge the warning.

 The screen displays the Quick View display for the zone and shows that an override is in effect. To cancel the override, press the **Cancel Override** key.
 - f. Press **Back** to return to the Main menu. If a key is not pressed, the screen automatically returns to the Base screen after five minutes of inactivity.

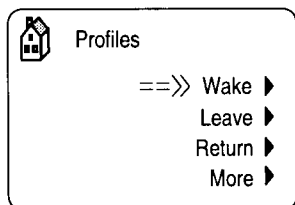
Change the Temperature Setpoints of a Profile

Main Menu



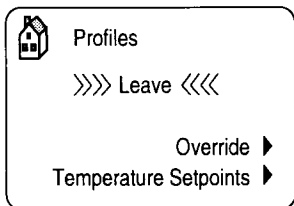
C7112

Typical Profiles Screen



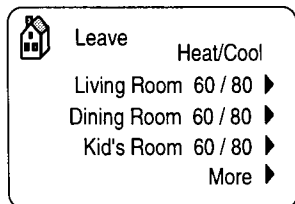
C7119

Typical Override/Temperature Setpoints Screen



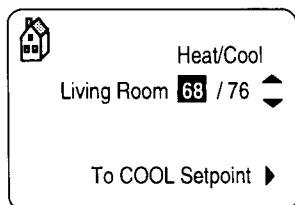
C7120

Typical Zone Temperature Setpoints Screen



C7121

Typical Profile Temperature Setpoints Screen



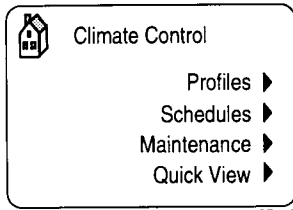
C7122

You can easily change the temperature setpoint of a profile as follows:

1. At the Main menu, press the **Profiles** key to display the Profiles screen.
2. Press the key next to the desired profile to display the profile. The screen displays the Override/Temperature Setpoints screen for the selected profile.
3. Press the **Temperature Setpoints** key to display the temperature setpoints for the selected profile.
4. Press the key for the desired zone to edit the temperature setpoints for that zone. The screen displays the temperature setpoints for the selected zone.
5. Press the **To COOL Setpoint** or **To HEAT Setpoint** key (depending on which setpoints are displayed) to change between editing the Heating and Cooling setpoints. The screen highlights the selected setpoint.
6. Press the **▲** or **▼** key once for each degree to raise or lower the setpoint temperature.
7. To accept or cancel the changes:
 - To accept the changes, press **Select**.
NOTE: If the change affects other setpoints, the following warning displays: *Based on this override other setpoints will be affected.* Press **Select** to acknowledge the warning.
The screen displays the new temperature setpoints for the profile.
 - To cancel the changes, press **Back**. The screen displays the unedited temperature setpoints for the profile.

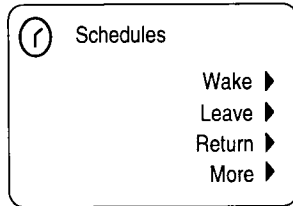
Change a Schedule

Main Menu



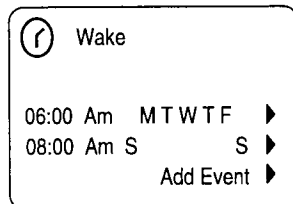
C7112

Typical Schedules Screen



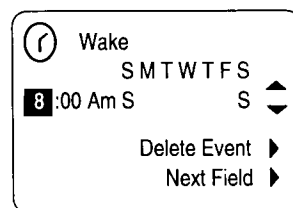
C7123

Typical Schedules Screen for Selected Profile



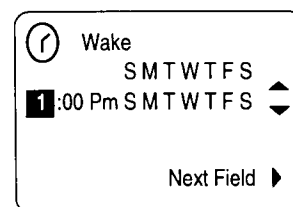
C7124

Typical Schedule Screen for Selected Schedule



C7125

Typical Edit Schedule Screen with Default Values for Selected Schedule.



C7126

You can add, change or delete start times for all defined profiles. A profile can have a different start time for each day of the week, and can be scheduled to start more than once during a day. Some profiles might not be scheduled with an automatic start time (such as VACATION). Change a schedule as follows:

1. At the Main menu, press the **Schedules** key to see a list of the profile schedules.

NOTES:

- a. To view additional profile schedules, press the **More** key.
- b. Unscheduled profiles are listed after the scheduled profiles and you can schedule them, if desired.

2. Press the key next to the desired profile to display the profile. The screen displays the Schedules screen for the selected profile.

NOTE: If multiple schedules are defined for the profile, they are displayed on the screen.

3. Change an existing schedule (start time[s] and/or days) as follows:

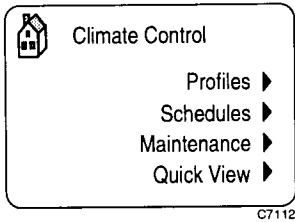
- a. Press the key for the schedule to be changed. The screen displays the start time(s) and days for the selected profile schedule, with the hour data field highlighted.
- b. To change the hour, press the **▲** or **▼** key once for each hour increment/decrement change.
- c. To change the minute, press the **Next Field** key and then press the **▲** or **▼** key once for each minute increment/decrement change.
- d. To change Am/Pm, press the **Next Field** key and then press the **▲** or **▼** key to change the state.
- e. To change the days, press the **Next Field** key. The first scheduled day of the week is highlighted. Press the **▲** key to add or delete a day from the schedule or press the **Next Field** key to advance to the next day and repeat this step.
- f. To accept the changes, press **Select**. The screen displays the list of schedules for the profile.
- g. Press **Select** and then **Back** to display the Main menu.

4. Add a new event (start time) for a profile as follows:

- a. Press the **Add Event** key for the desired schedule. The screen displays the schedule with default values and the hours data field highlighted.
- b. To change the hour, press the **▲** or **▼** key once for each hour increment/decrement change.
- c. To change the minute, press the **Next Field** key and then press the **▲** or **▼** key once for each ten minute increment/decrement change.
- d. To change Am/Pm, press the **Next Field** key and then press the **▲** or **▼** key to change the state.
- e. To change the days, press the **Next Field** key. The first scheduled day of the week is highlighted. Press the **▲** key to delete the day from the schedule or press the **Next Field** key to advance to the next scheduled day and repeat this step.
- f. To accept the changes, press **Select**. The screen displays the list of schedules for the profile.
- g. Press **Select** and then **Back** to display the Main menu.

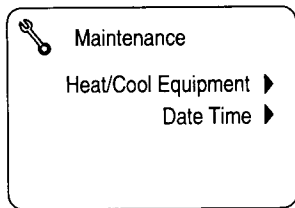
Edit the HVAC System Mode, Fan Mode, and Emergency Heat Settings

Main Menu



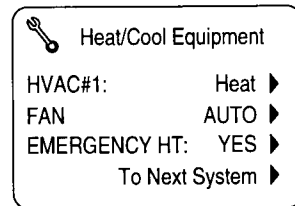
C7112

Maintenance Menu Screen



C7127

Typical HVAC System Mode, Fan Mode and Emergency Heat Settings



C7128

You can easily change the HVAC system mode, fan mode, and emergency heat settings as follows:

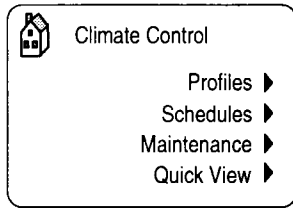
1. At the Main menu, press the **Maintenance** key. Screen displays the Maintenance menu screen.
2. Press **Heat/Cool Equipment**. The screen displays the current HVAC system mode, fan mode, and emergency heat settings.

 NOTE: If more than one HVAC system is configured, the bottom key is used as the **To Next System** key.
3. Press the **HVAC#1** key repeatedly until the desired mode setting (HEAT, COOL, AUTO, OFF) is displayed.

 NOTE: The options displayed are valid based on the system configuration. For example, if an air conditioner has not been configured, the COOL option will not display.
4. Press the **FAN** key until the desired fan setting (AUTO, ON) is displayed.
5. If emergency heat was selected when your system was set up, press the **EMERGENCY HT** key until the desired fan setting (YES, NO) is displayed.
6. Press **Select** to accept the changes. The screen displays the Maintenance menu.

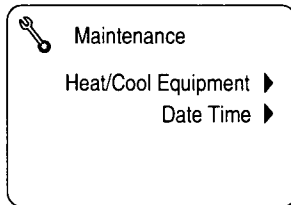
Change the Month, Date, Year, Hour, Minutes, AM, or PM

Main Menu



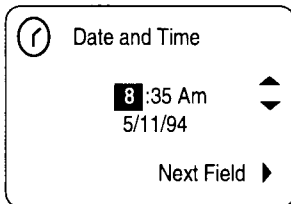
C7112

Maintenance Menu Screen



C7127

Typical Date and Time Screen



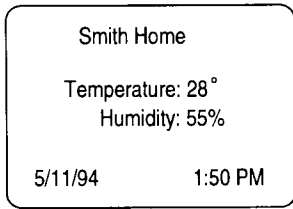
C7129

You can easily change the month, date, year, hour, minutes, AM, or PM displayed on the Touchpad as follows:

1. At the Main menu, press the **Maintenance** key. The screen displays the Maintenance menu screen.
2. Press the **Date and Time** key. The screen displays the date and time.
3. Press the **Next Field** key repeatedly to highlight the data field to be changed.
4. Press the **▲** or **▼** key once for each increment/decrement of change.
5. Press **Select** to accept the changes. The screen displays the Maintenance menu screen.
6. Press **Back** to display the Main menu.

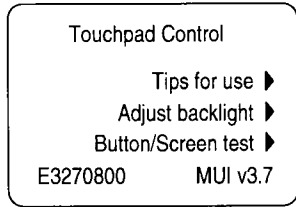
Adjust the Touchpad Backlighting

Base Screen



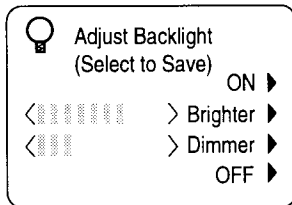
C7113

Touchpad Control Screen



C7130

Adjust Backlight Screen



C7131

After five minutes of inactivity, the Touchpad displays to the Base screen and back-lighting dims to the lowest lighted level. You can easily adjust the level of the back-lighting as follows:

1. From the Base screen, press **Back**. The screen displays the Touchpad Control screen.
2. Press the **Adjust backlight** key. The screen displays the Adjust Backlight screen.
3. You can do any of the following:
 - a. Press **ON** to turn the backlighting On.
 - b. Press **Brighter** or **Dimmer** as required to change the level of the back-lighting.
 - c. Press **OFF** to turn the backlighting Off.
4. Press **Select** to save the changes. The screen displays the Touchpad Control screen.
5. Press **Select** to display the Base screen.

Honeywell

Helping You Control Your World



QUALITY IS KEY

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