Honeywell

Series 2000 Commercial Microelectronic Thermostat

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63-4356-1

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Mon
Occupied
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1:00 AM   68° Room

Fan
Auto

M10256

63-4356—1

2

FEATURES

- **Program up to two Occupied and two Unoccupied time periods for each daily schedule.**

- **Set different schedules for each day of the week.**

- **Temporary temperature overrides.**

- **Program copy key.**

PROGRAMMING

The keyboard is located behind the thermostat cover. Sixteen keys are used to set, review and modify programmed times and temperature settings. The thermostat display shows day, time, program period and temperature.

The thermostat can be set for two Occupied and two Unoccupied times for each day of the week (28 independent time settings). Temporary Occupied key provides quick temporary temperature changes for increased occupant comfort. The Continuous Unoccupied key provides energy efficient operation for extend periods of time.

Before starting the program procedure, use the following chart to organize the program schedule.

Day	Occupied Period 1	Unoccupied Period 1	Occupied Period 2	Unoccupied Period 2
Monday				
Tuesday				
Wednesday				
Thursday				
Friday				
Saturday				
Sunday				

The program has four temperature settings, Occupied and Unoccupied heat and cool. The thermostat will operate at the Unoccupied temperature setting unless the thermostat is programmed. The following chart shows the default temperature settings.

	Occupied Setpoint		Unoccupied Setpoint	
Control	Default	Desired	Default	Desired
Heating	70°F (21°C)		55°F (13°C)	
Cooling	78°F (25.5°C)		90°F (32°C)	

Setting Current Day and Time

❶ Press Set Current Day/Time.

  NOTE: On initial power up or after an extended power loss, 1:00 pm flashes on the LCD until a key is pressed.

M4951B
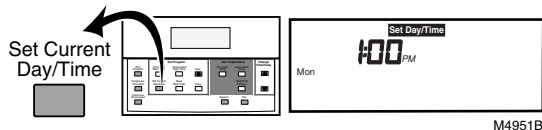
❷ Press Day until the current day is displayed.

NOTE: Sun = Sunday, Mon = Monday, Tue = Tuesday, Wed = Wednesday, Thu = Thursday, Fri = Friday, Sat = Saturday.
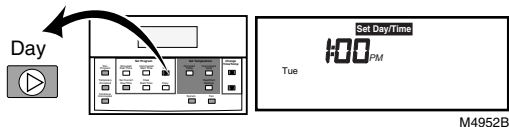
❸ Press increase △ or decrease ▽ key until the current time is displayed.

NOTE: Tapping the Set Current Day/Time will change the time in one hour increments.
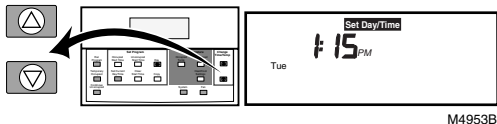
❹ Press Run Program.
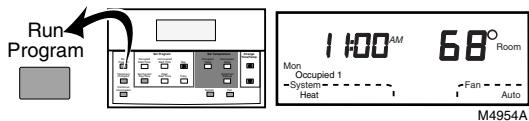
Setting Program Times

❶ Press Occupied Start Time.

NOTE: Anytime a start time is not required, press the Clear Start Time.

2 Press Day until the desired day is displayed.

Day

Set Program Start Time
6:00 AM
Wed
Occupied 1

M4956A
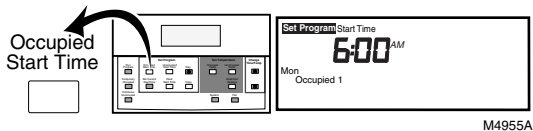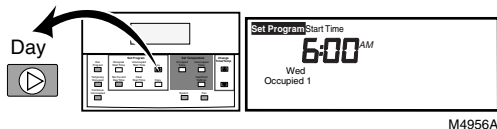
3 Press increase △ or decrease ▽ key until the desired start time is displayed.

NOTE: The program times are in fifteen minute intervals. (Example: 8:00, 8:15, 8:30).

Set Program Start Time
7:00 AM
Wed
Occupied 1

M4957A
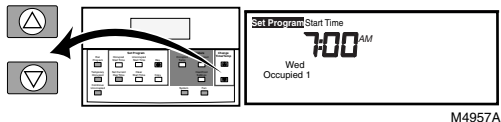
4 Press Occupied Start Time a second time to set a second Occupied Start Time.
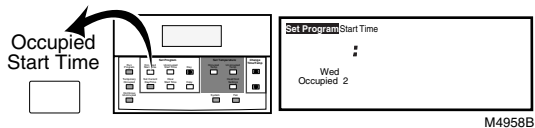
Occupied Start Time

Set Program Start Time
:
Wed
Occupied 2

M4958B

5 Press increase △ or decrease ▽ key until the desired start time is displayed.

Set Program Start Time
8:00 PM
Wed
Occupied 2

M4959A
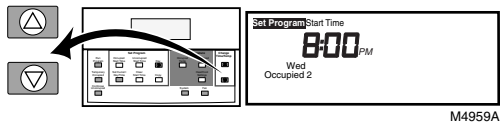
6 Press Unoccupied Start Time.

Unoccupied Start Time

Set Program Start Time
1:30 PM
Wed
UnOccupied 1

M4960A
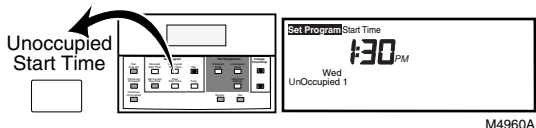
7 Press increase △ or decrease ▽ key until the desired start time is displayed.

M4961A
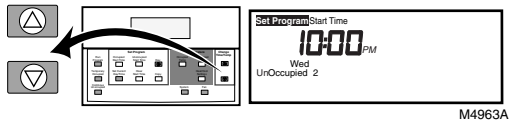
8 Press Unoccupied Start Time a second time to set a second Unoccupied Start Time.

M4962B

9 Press increase △ or decrease ▽ key until the desired start time is displayed.
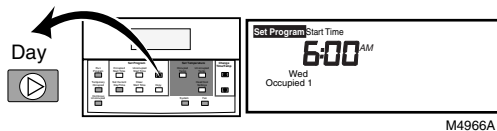

M4963A
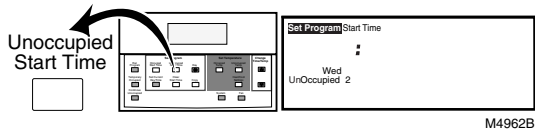
Copying a Day

NOTE: The thermostat must be in the program mode to use the copy feature. Go to step 2 if the thermostat is already in the program mode.
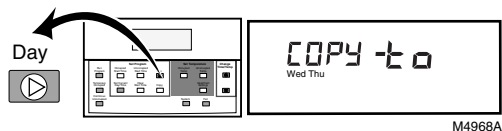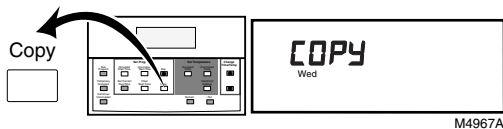
1 Press Occupied Start Time.

M10255
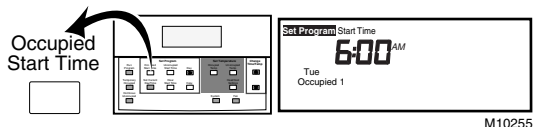
2 Press Day to select the day to be copied if different from the day displayed.

Day
▷

Set Program Start Time
6:00 AM
Wed
Occupied 1

M4966A

3 Press Copy.

Copy

COPY
Wed

M4967A

4 Press Day until the day to be copied to is displayed.
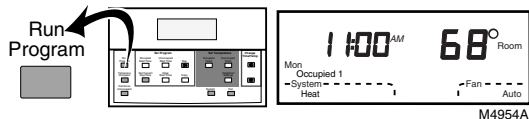
Day
▷

COPY -to
Wed Thu

M4968A

5 Press Copy.

NOTE: donE will be displayed for two seconds and then the normal program display will be shown.

Copy

donE

M4969A
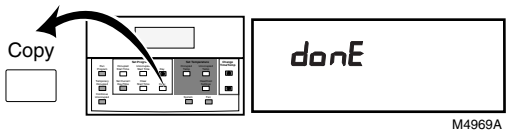
❻ Repeat steps ❷ through ❺ for all the days desired.

❼ Press Run Program.

M4954A

Setting Program Temperature Setpoints

NOTE: The setpoint temperature range is 40 to 90°F (7 to 31°C) for heating and 45 to 99°F (9 to 37°C) for cooling.
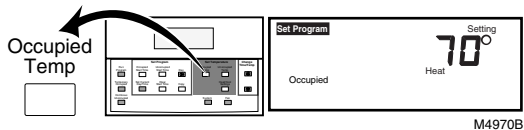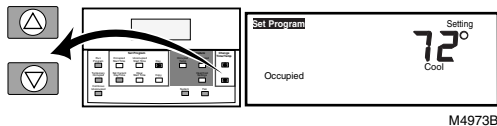
❶ Press Occupied Temp.

M4970B

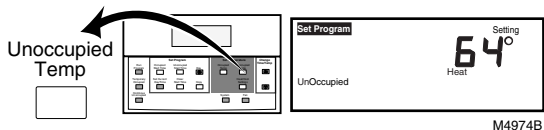❷ Press increase △ or decrease ▽ key until the desired temperature is displayed.

M4971B

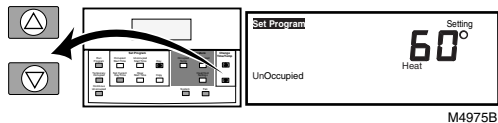❸ Press Heat/Cool Settings to change between heat and cool settings.

M4972A

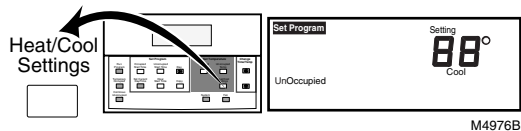❹ Press increase △ or decrease ▽ key until the desired temperature is displayed.
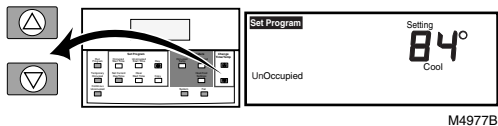

M4973B

❺ Press Unoccupied Temp.

M4974B

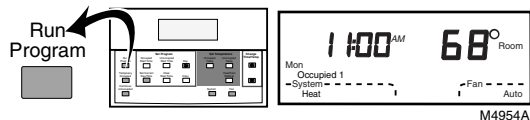❻ Press increase △ or decrease ▽ key until the desired temperature is displayed.

M4975B

❼ Press Heat/Cool Settings to change between heat and cool settings.

M4976B

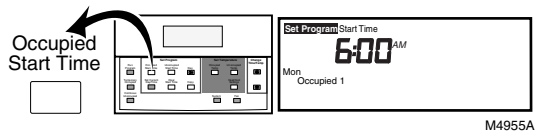❽ Press increase △ or decrease ▽ key until the desired temperature is displayed.

M4977B
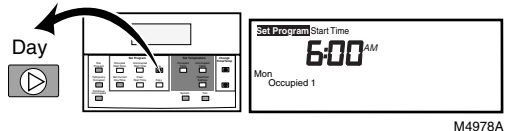
❾ Press Run Program.

M4954A
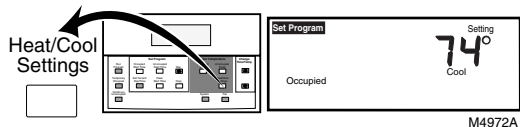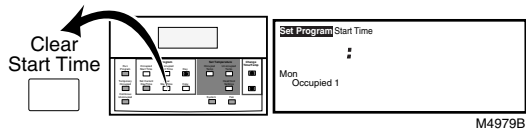
Clearing Program Start Times

❶ Press Occupied Start Time or Unoccupied Start Time until the start time to be cleared is displayed.

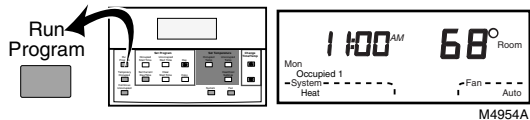

M4955A

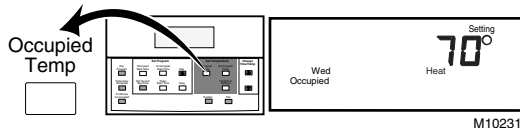❷ Press Day until the desired day is displayed.

M4978A

❸ Press Clear Start Time.

Clear Start Time

Set Program Start Time
:
Mon
Occupied 1

M4979B

❹ Repeat steps ❶ through ❸ for all the start times to be cleared.

❺ Press Run Program.

Run Program

11:00 AM 68° Room
Mon
Occupied 1
System ━ ━ ━ ━ ━ ━ ━ ━ Fan ━ ━ ━
Heat   Auto

M4954A

Temporary Occupied Override
Setting Temperature Offset
for Temporary Override

❶ Press Occupied Temp.

Occupied Temp

Setting
70°
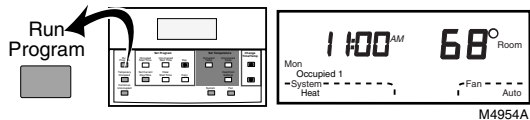Wed   Heat
Occupied

M10231

❷ Press Temporary Occupied.

Temporary Occupied

0°

M4980A
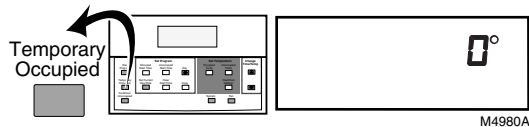
❸ Press increase △ or decrease ▽ key until the desired temperature offset is displayed (range is 0° to 5°F).
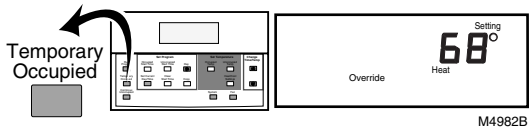

M4981A

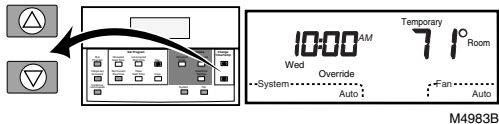❹ Press Run Program.

M4954A
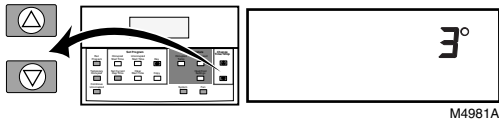
Using Temporary Override

❶ Press Temporary Occupied.

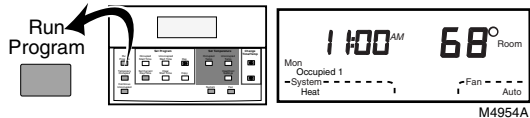NOTE: The default temperature setting is the Occupied setpoint.

M4982B

❷ Press increase △ or decrease ▽ key to change the default setting by the offset (range is 0° to 5°F), if desired.

NOTE: If the offset is zero, the default setting changes in one degree increments. If the offset is 1 through 5, the default setting changes by plus or minus the offset.
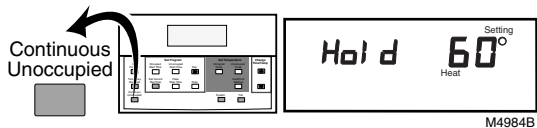

M4983B
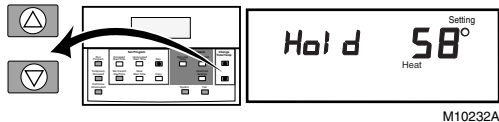
❸ Press Run Program to cancel the override.

M4954A

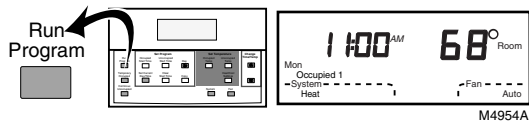## Using Continuous Unoccupied

❶ Press Continuous Unoccupied.

NOTE: The default temperature setting is the Unoccupied setpoint. The default appears for five seconds and then the display shows the room temperature.
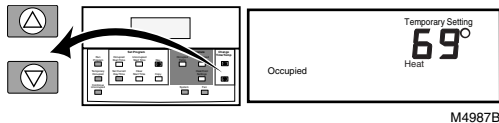

M4984B

❷ Press increase △ or decrease ▽ key to change the default setting, if desired.

M10232A

❸ Press Heat/Cool Setpoint to change between heat and cool settings. Use increase △ or decrease ▽ key to adjust temperature settings.

❹ Press Run Program again to cancel the Hold and to return to the program.

M4954A

Changing Temperature Setpoint Until Next Program Period

❶ Press increase △ or decrease ▽ key until the desired temperature is displayed.
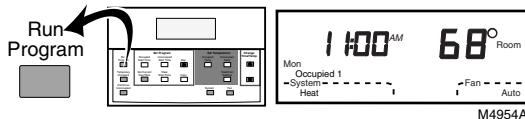
NOTE: If ▼ or ▲ appear under the temperature display, it means that both the heating and cooling setpoints are being adjusted. Tapping the key will change both the heat and cool setpoints by one degree. Press Heat/Cool Settings after the desired setpoint is reached to review the settings.

M4987B

❷ Press Run Program to cancel the temporary setpoint and to return to the program.

M4954A

TROUBLESHOOTING GUIDE

Symptom	Action
Display will not come on.	• Check if the circuit breaker is tripped—reset the circuit breaker. • Check if the fuse is blown—replace the fuse. • Check if the system switch at the equipment is in the Off position—set to the On position. • Check wiring between thermostat and HVAC equipment—replace any broken wires. • If 24 Vac is present, proceed with troubleshooting.
Temperature settings will not change (Example: cannot set the heating higher or the cooling lower).	• Check that the temperature setpoints are: - heating: 40 to 90°F (7 to 31°C) - cooling: 45 to 99°F (9 to 37°C). • Keyboard is locked. Contact the installer.
Heating will not come on.	• Check if the circuit breaker is tripped—reset the circuit breaker. • Check if the fuse is blown—replace the fuse. • Check if the system switch at the equipment is in the Off position—set to On position. • If 24 Vac is present, proceed with troubleshooting. • Wait five minutes for the system to respond. • Set system selection to Heat.

(Continued)

TROUBLESHOOTING GUIDE *(Continued)*

Symptom	Action
Cooling will not come on.	• Check if the circuit breaker is tripped—reset the circuit breaker. • Check if the fuse is blown—replace the fuse. • Check if the system switch at the equipment is in the Off position—set to On position. • If 24 Vac is present, proceed with troubleshooting. • Wait five minutes for the system to respond. • Set system selection to Cool.
System on indicator (flame=heat, snowflake=cool) is displayed, but no warm or cool air is coming from the registers.	Wait a minute after seeing the flame or snowflake and then check the registers.

Honeywell