

Honeywell

RTH2300

Thermostat

Operation

Guide

About your new thermostat

Your new Resideo thermostat has been designed to give you many years of reliable service and easy-to-use, push-button climate control.

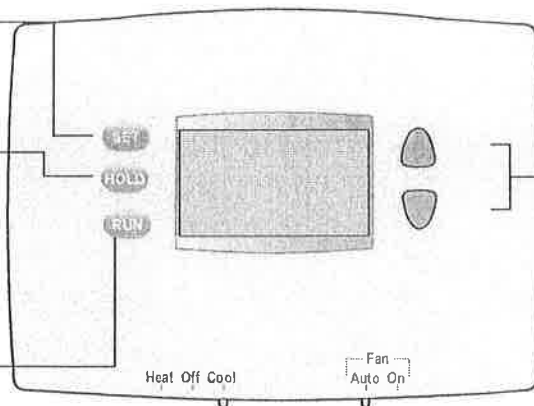
- Backlit display on RTH2300
- Displays ambient (measured) temperature at all times
- One-touch access to setpoint temperature
- Preset program settings
- Temporary and permanent override of schedule
- Built-in compressor protection

Thermostat controls

Set: Press to set time/day/schedule.

Hold: Press to override programmed temperature control.

Run: Press to resume program schedule.



Temperature adjustment

Press the up or down buttons until you reach the desired temperature.

NOTE: Make sure the **SYSTEM** switch is set to the system you want to control (Heat or Cool).

System Switch is used to control your heating or cooling system.

- **Heat:** Heating system control.
- **Off:** All systems off.
- **Cool:** Cooling system control.

Fan Switch is used to control your fan.

In "Auto" mode, the fan runs only when the heating or cooling system is on.

If set to "On," the fan runs continuously.

Display screen

Setpoint indicator

Appears when the setpoint temperature is displayed.

Low battery warning

(see page 14)

Current day/time
(see page 11)



Current program period
Wake/Leave/Return/Sleep
(see pages 11–13)

System status

Cool on: Cooling system is on.
Heat on: Heating system is on.

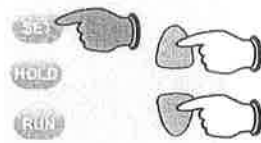
When Cool On is flashing, compressor protection is engaged (see page 14).

Temperature

The ambient (measured) temperature is normally displayed. To view the setpoint temperature, press the Up or Down button once. The setpoint temperature will appear for five seconds.

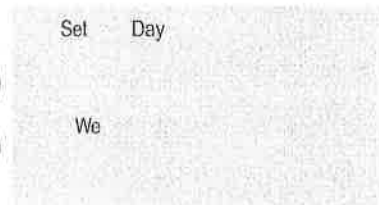
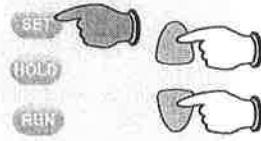
Set the time and day

1. Press the **SET** button, then press ▲ or ▼ to set the clock time.
2. Press the **SET** button, then press ▲ or ▼ to select the day of the week.
3. Press **RUN** to save & exit.



M32702

NOTE: If the clock flashes, the thermostat will follow your settings for the Monday "Wake" time period until you reset the time and day.



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Program Schedule

You can program four time periods each day, with different settings for weekdays and weekends. We recommend the pre-set settings (shown in the table below), since they can reduce your heating/cooling expenses.

Wake - Set to the time you awaken and the temperature you want during the morning, until you leave for the day.

Leave - Set to the time you leave home and the temperature you want while you are away (usually an energy-saving level).

Return - Set to the time you return home and the temperature you want during the evening, until bedtime.

Sleep - Set to the time you go to bed and the temperature you want overnight (usually an energy-saving level).

NOTE: Leave and Return periods can be canceled on weekends.

	Heat	Cool
Wake (6:00 am)	70°	78°
Leave (8:00 am)	62°	85°
Return (6:00 pm)	70°	78°
Sleep (10:00 pm)	62°	82°

To adjust program schedules (RTH2300)

1. Press **SET** until Set Schedule is displayed.
2. Press ▲ or ▼ to set your weekday Wake time (Mo-Fr), then press **SET**.
3. Press ▲ or ▼ to set the temperature for this time period, then press **SET**.
4. Set time and temperature for the next time period (Leave). Repeat steps 2 and 3 for each weekday time period.
5. Press **SET** to set weekend time periods (Sa & Su), then press **RUN** to save & exit.

NOTE: Make sure the thermostat is set to the system you want to program (Heat or Cool).



To adjust program schedules (RTH221)

1. Press **SET** until Set Schedule is displayed.
2. Press ▲ or ▼ to set your Wake time (Mo-Su), then press **SET**.
3. Press ▲ or ▼ to set the temperature for this time period, then press **SET**.
4. Set time and temperature for the next time period (Leave). Repeat steps 2 and 3 for each time period.
5. Press **RUN** to save & exit.

NOTE: Make sure the thermostat is set to the system you want to program (Heat or Cool).



Program schedule override (temporary)

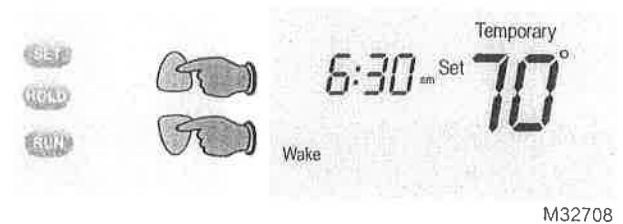
Press ▲ or ▼ to immediately adjust the temperature. This will temporarily override the temperature setting for the current time period.

"Temporary" will appear on the display and the current program period will flash.

The new temperature will be maintained only until the next programmed time period begins (see page 11).

To cancel the temporary setting at any time, press **RUN**.

NOTE: Make sure the thermostat is set to the system you want to control (heat or cool).



Program schedule override (permanent)

Press **HOLD** to permanently adjust the temperature. This will override the temperature settings for all time periods.

The "Hold" feature turns off the program schedule and allows you to adjust the thermostat manually, as needed.

Whatever temperature you set will be maintained 24 hours a day, until you manually change it, or press **RUN** to cancel "Hold" and resume the program schedule.

NOTE: Make sure the thermostat is set to the system you want to control (heat or cool).

