

User Manual

**ECONOMY
SERIES**

Non-Programmable Thermostats

This manual covers the following thermostat models:

1030 1 Heat / 1 Cool Conventional
or Heat Pump

1230 Up to 2 Heat / 1 Cool
Conventional or Heat Pump

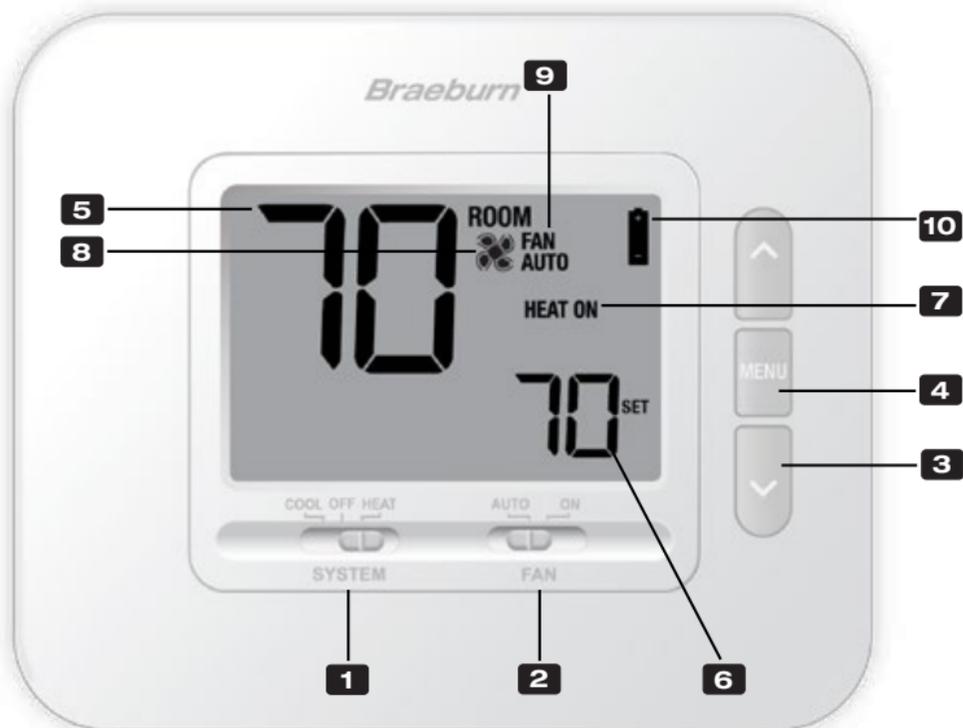
Read all instructions before proceeding.

Store this manual for future reference

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1 About Your Thermostat



Thermostat and Display

- 1 SYSTEM Switch**.....Selects the system you want to control
- 2 FAN Switch**.....Selects the system fan mode
- 3 Up / Down Arrow Buttons**.....Increases or decreases settings
- 4 MENU Button**Used to access thermostat User setting mode
- 5 Room Temperature**Displays the current room temperature
- 6 Set Temperature**Displays the current setpoint temperature
- 7 System Mode**Displays the system mode and current system status
- 8 Fan Status Indicator**Indicates that the system fan is running
- 9 Fan Mode Indicator**Indicates the current system fan mode
- 10 Low Battery Indicator**Indicates when the batteries need to be replaced
Battery CompartmentLocated on the back side of thermostat

2 User Settings

User Settings allow you set and customize various thermostat features.

To access the User Settings, press and release the **MENU** button to display the first User Setting.

Press the **▲** or **▼** buttons to change the value for the displayed User Setting. After your desired setting is displayed, press **MENU** to advance to the next User Setting.

You will exit the user settings after the last setting.



Table of User Settings

No.	User Setting	Displayed	Default Setting	Available Settings	Description of Available Settings
1	Reset SERVICE FILTER Message	CLR	NO	NO	Select to keep message displayed
				Y	Select to remove message and reset timer
	<p><i>[Only appears if the service filter time interval has expired]</i> If a service filter time interval was selected in setting 2, the thermostat will display a SERVICE FILTER message once that time interval is reached. Select NO to keep the message displayed or select Y (YES) to clear the message and reset the timer.</p>				
2	Service Filter Timer	SERVICE FILTER	OFF	OFF	Service filter timer is disabled
				30, 60, 90, 120, 180, 365	Select number of days for service filter timer
<p>Select the number of days before receiving a reminder to change your system filter (if equipped). When the timer interval has expired, the thermostat will display the message SERVICE FILTER. To reset this reminder, see setting 1. To disable, select OFF.</p>					
3	User Reset	CLR	NO	NO	Reset disabled - no changes made
				Y	Reset enabled - resets thermostat
<p>Selecting (Y) YES will reset all user settings.</p>					

3 Operating Your Thermostat

Setting the SYSTEM Control Mode

The System Control has 4 modes of operation – COOL, OFF, HEAT, and EMER (1230 only). The mode can be selected by moving the **SYSTEM** switch to the appropriate mode.

COOL Only your cooling system will operate.

OFF Heating and cooling systems are off.

HEAT Only your heating system will operate

EMER Operates a backup heat source (Emergency Heat) for heat pump systems only (model 1230 only).

Setting the FAN Control Mode

The Fan Control has 2 modes of operation – AUTO and ON. The mode can be selected by moving the **FAN** switch to the appropriate mode.

AUTO The system fan will run only when your heating or cooling system is running.

ON The system fan stays on.



Temperature Adjustment

Press **▲** or **▼** to adjust the current set temperature.

System Status and Maintenance Indicators

Status indicators are messages or symbols that appear in the display to let you know what function your system is currently performing. They are also used to inform you of various service and maintenance functions.

HEAT ON The heating system is running.

COOL ON The cooling system is running.

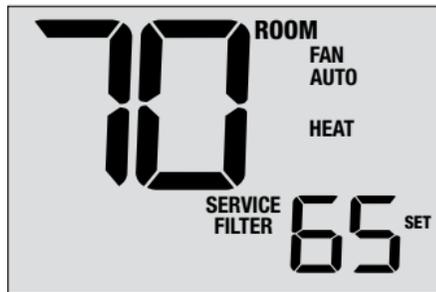
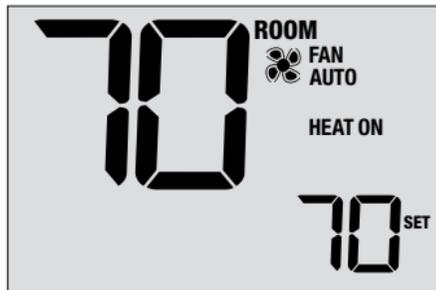
HEAT ON AUX The auxiliary stage of heating is running (model 1230 only).

EMERGENCY HEAT ON The emergency heating system is running (model 1230 only).



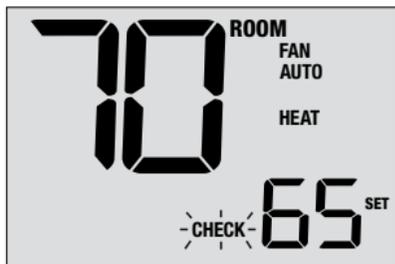
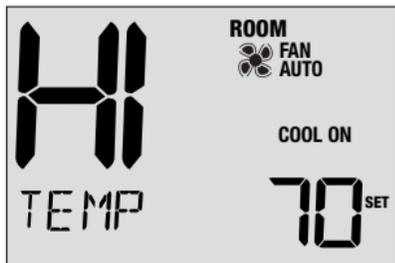
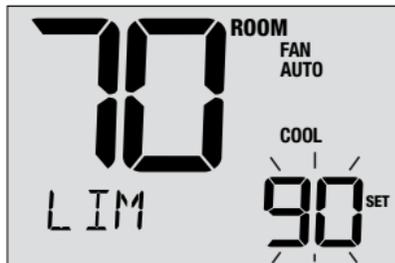
Indicates that the system fan is running.

SERVICE FILTER A user selectable filter service reminder for changing the filter has been triggered. To set or reset this reminder, see User Settings in section 2.



System Status and Maintenance Indicators *(continued)*

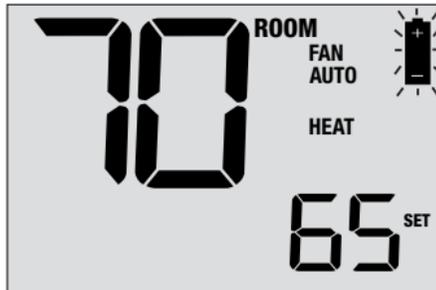
- LIM** Setpoint temperature has reached its upper or lower limit maximum.
- HI TEMP** Room temperature has risen above the display range. Cooling will still operate to help lower temperature.
- LO TEMP** Room temperature has fallen below the display range. Heat will still operate to help raise temperature.
- CHECK** Indicates that there is a potential problem with your system. Contact a local service technician.



System Status and Maintenance Indicators *(continued)*



If batteries are installed and they become low, the battery symbol appears in the display. When the batteries become critically low, the battery symbol will flash (see “Changing the Batteries” in section 5).



4 Additional Operating Features

Compressor Protection

This thermostat includes an automatic compressor protection delay to avoid potential damage to your system from short cycling. This feature activates a short delay after turning off the system compressor.

5 Thermostat Maintenance

Changing the Batteries

Depending on your installation, this thermostat may be equipped with two (2) “AA” type alkaline batteries.

If batteries are installed and they become low, the battery symbol appears in the display. When the batteries become critically low, the battery symbol will flash.

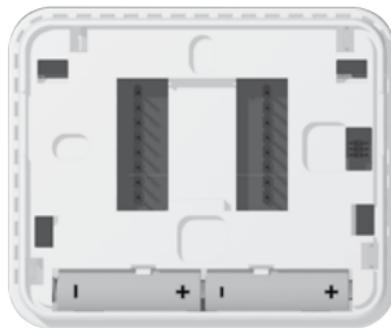
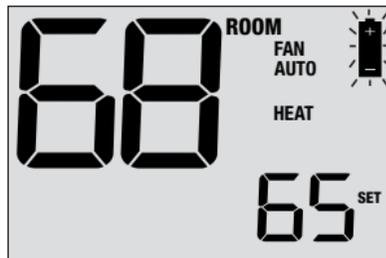
To change your batteries:

1. Remove thermostat body by gently pulling it from base.
2. Remove old batteries and replace with new batteries.
3. Make sure to correctly position the (+) and (-) symbols.
4. Gently push thermostat body back onto base.

NOTE: We recommend replacing the thermostat batteries annually or if the thermostat will be unattended for an extended period of time.

Thermostat Cleaning

Never spray any liquid directly on the thermostat. Spray your cleaning liquid on a soft cloth and then proceed to clean the screen with the damp cloth. Only use water or household glass cleaner. Never use any abrasive cleansers to clean your thermostat.



For more information, visit www.braeburnonline.com

Limited Warranty

When installed by a professional contractor, this product is backed by a 5 year limited warranty. Limitations apply. For limitations, terms and conditions, you may obtain a full copy of this warranty.

- Visit us online: www.braeburnonline.com/warranty
- Phone us: 866.268.5599
- Or write us: Braeburn Systems LLC
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