Heatilator RC300 Remote Control User Manual

Display Screen

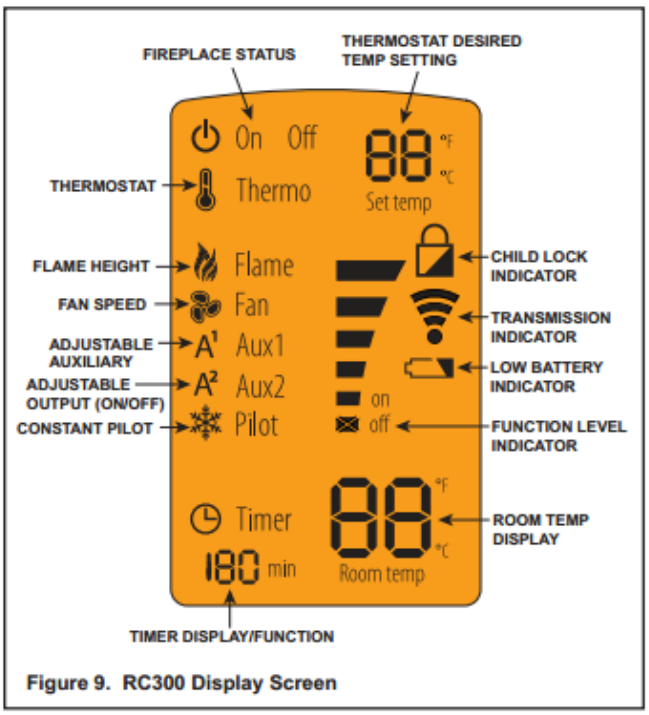


Figure 9. RC300 Display Screen

Function Buttons

Use POWER button to turn the unit on and off.

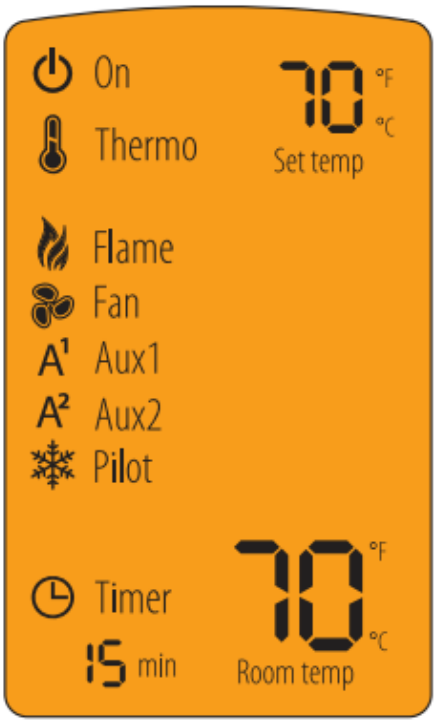
Menu Use MENU button to display the menu functions. Only functions that can be activated will be displayed. *For example: Flame Height will not be displayed when the remote status is OFF.*

Select Use the SELECT button to select the current feature.

∧ **∨** Use the UP and DOWN arrows to toggle through the menu functions and value selections in the submenus.

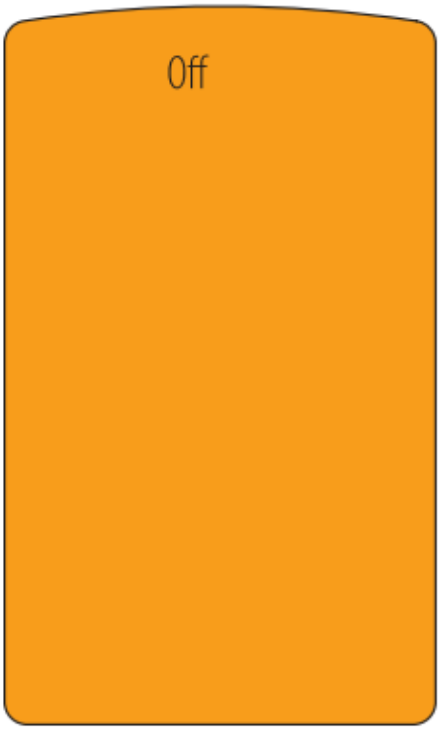
Idle When Remote is in ON Mode

The remote control will go into an idle mode if no buttons are pressed within 5 seconds. Press any button to resume full functionality. In idle mode only active functions will show on the screen.



Standby mode

The remote control will go into a standby mode if no buttons are pressed within 5 minutes. Press the POWER button to reactivate the remote control to ON mode. Active functions will be displayed



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About ON Mode

- All functions can be accessed when the remote control is in the ON mode.
- Only active functions will be displayed when the remote control is in the ON mode. For example: if the fan is the only function that's active, the fan icon and flame will be the only icon shown in the display.

About OFF Mode

Only the following functions can be accessed in the OFF mode:

- AUX1
- AUX2
- Constant Pilot

Only active functions will be displayed when the remote control is in the OFF mode.

Turning On the Fireplace

- Press the POWER button to turn the fireplace ON. The fireplace will first ignite the pilot. Once the pilot flame is established the main burner will be lit.

NOTICE: *Whenever the fireplace is cycled from OFF to ON, the main burner will light on high for 10 seconds before returning to the previous user setting.*

Adjusting Flame Height

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **FLAME** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to adjust the **FLAME HEIGHT**, then press **SELECT**. The **FLAME HEIGHT** can be adjusted to 5 different settings.

NOTICE: *FLAME HEIGHT will not be adjustable for first ten seconds when fireplace is turned on.*

NOTICE: *The system will remember the previous FLAME HEIGHT setting and will automatically adjust after 10 seconds.*

Adjusting Fan Speed

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **FAN** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to adjust the **FAN SPEED**, then press **SELECT**. The **FAN SPEED** can be adjusted to 3 different settings: HIGH, MEDIUM, LOW.

NOTICE: *The fan has a timer built into the control module. After the fireplace is turned ON the timer will wait for 7 minutes before turning on the fan. In addition, the fan will remain on for 12 minutes after the fireplace has been turned OFF.*

NOTICE: *Whenever the fan is turned ON, the FAN will start up on the high setting for 10 seconds before adjusting to the previous user setting.*

AUX1 Function (Unit dependent Function)

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **AUX1** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to adjust the **AUX1** output, then press **SELECT**. The **AUX1** function can be adjusted to 4 different settings: HI, MED, LOW and OFF.

AUX2 Function (Unit dependent Function)

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **AUX2** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to turn the **AUX2 ON** or **OFF**, then press **SELECT**. The **AUX2** function can be either be turned **ON** or **OFF**.

NOTICE: *The system will remember the previous AUX1 and AUX2 setting from the menu. However, when the fireplace is turned OFF both AUX1 and AUX2 will be turned off. AUX and AUX2 can be activated when the flame is off from the remote's OFF mode. When the fireplace is turned back ON the AUX1 and AUX2 settings will be restored to the previous ON setting.*

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Adjusting Thermostat

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **THERMO** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to turn the **THERMO ON** or **OFF**, then press **SELECT** (the **SET TEMP** will start blinking). Using the **UP** and **DOWN** arrows select the desired temperature and press **SELECT**.

NOTICE: *If the THERMO function is on, the SET TEMP can be adjusted at any time by pressing the UP and DOWN arrows.*

NOTICE: *As the ROOM TEMP (RT) approaches SET TEMP (ST), the remote system will automatically adjust the flame height. If the RT rises above ST, the fireplace will shut down the main burner. After this, the fireplace will turn back on after the RT drops below the ST.*

NOTICE: *The system will remember the previous TEMPERATURE setting when THERMOSTAT mode is cycled ON or OFF.*

NOTICE: *If your installation includes an optional wired ON/OFF wall switch, it should be in the OFF position when using the RC300 in thermostat mode.*

Adjusting Timer

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **TIMER** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to turn the **TIMER ON** or **OFF**, then press **SELECT**. Using the **UP** and **DOWN** arrows select the desired set time and press **SELECT**. Timer operates in increments of 15, 30, 45, 60, 90, 120 and 180 minutes.

Activating/Deactivating Constant Pilot

- Press the **MENU** button to activate the menu.
- Using the **UP** and **DOWN** arrows highlight the **PILOT** icon and press **SELECT**.
- Use the **UP** and **DOWN** arrows to turn the **CONSTANT PILOT ON** or **OFF**, then press **SELECT**.

NOTICE: *A beep will come from the control module indicating CONSTANT PILOT has been activated. A double beep will come from the control module indicating CONSTANT PILOT has been deactivated.*

Setting the Child Lock

- Press and hold the **MENU** and **UP** arrow buttons simultaneously for 4 seconds to enable or disable the child lock feature.

NOTICE: *No functions will be usable until child lock feature is disabled.*

Power Outage

- If fireplace battery backup system IS installed at time of power outage, fireplace operation will not be interrupted.
- If fireplace battery backup system IS NOT installed at time of power outage, fireplace will shut off. To resume fireplace operation, install battery backup.

NOTICE: *Battery polarity must be correct or module damage will occur.*

Manual Fireplace Shutoff

In the unlikely event that the remote wall switch malfunctions and will not turn off the fireplace, call your dealer for service assistance. In the meantime, you may choose one of the following actions to turn off the fireplace:

CAUTION! Risk of burns! Fireplace surfaces are hot when operating and during cool down. Use care and wear gloves when opening the front and accessing components inside the fireplace.

Check remote screen for battery level indicator, replace the batteries if low battery is indicated (See Figure 9).

The fireplace may be manually shut down by one of the following methods:

Turn off the control module:

- Open or remove the decorative front to access the control module.
- Move switch to OFF (See Figure 7).

Disconnect power to the control module:

- Open or remove the decorative front to access power cord to the junction box and/or back-up batteries.
- Unplug the control module and/or remove back-up batteries.

Shut off gas to the control:

- Open or remove the decorative front and locate the gas shut-off valve to the left of the gas control.
- Rotate the valve 90 degrees to turn off gas supply.

Turn off power to the fireplace (if back-up batteries are not installed):

- Locate house circuit breaker for fireplace.
- Turn off the circuit breaker.

Frequently Asked Questions/Troubleshooting

Symptom	Possible Cause	Corrective Action
Remote control will not transmit	Batteries	Verify batteries are functional and installed correctly.
	Remote control is in Child Lock mode	Disengage Child Lock mode.
	Buttons not being pressed firmly	Press button firmly for one to two seconds to ensure transmission to module.
Control module will not take commands from remote control	Control module is not in "REMOTE" mode	Ensure module switch is set to REMOTE.
	Control module and remote control are not programmed to each other	The control module will beep when it successfully receives a command. If it does not beep, clear module memory and reprogram wall switch.
	Control module is unplugged. In case of power outage, backup batteries are depleted or missing	If the transmission indicator comes on when power button is pressed, verify that the control module is plugged in the fireplace junction box located in the controls area. Also verify that the batteries are installed in the battery pack.
Fan does not turn on when fireplace is started	Built in time delay	The fireplace must run for seven minutes in order for the fan to engage.
Fan does not turn off when fireplace turned off	Built in time delay	The fan will run for twelve minutes after the fireplace is turned off.
Fireplace shuts down after extended periods	Built-in timer	The fireplace will automatically shut down after nine hours of continuous operation if it does not receive a command from the remote.
Fireplace is on but will not shut off with the remote control	External wired wall switch	The fireplace cannot be turned off by remote if an external wired switch is installed and in the ON position. Turn external wall switch to OFF.
	Remote control or control module failure	At control module, turn off fireplace by sliding the ON/OFF/REMOTE switch to OFF. Warning! Risk of Burns! Fireplace is hot. Use caution when accessing module.