



TRAVIS INDUSTRIES
HOUSE OF FIRE

Gas/Pellet Remote Thermostat

SKU 99300689

Compatibility

- All Travis Gas Stoves
- 33 DVI Insert
- 31 DVI Insert
- 564 (SS, DF, HO)
- 864 (TRV, HO, ST)
- 21 TRV GS
- All Travis Pellet Stoves or Inserts (1997 or later)

Packing List

- Transmitter
- Receiver
- (2) Pieces Hook and Loop Tape
- Pellet Stove Connector Wires
- Gas Stove/Insert Connector Wires ("Y" Jumper Wires)
- Power Cord Adapter (for gas appliances)
- Transmitter Mounting Bracket with hardware (for hanging the transmitter on the wall)

FCC Requirements

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiver.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

Canadian Equipment Requirements

This digital apparatus does not exceed the (Class A/Class B) limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques (de la class A/de la class B) prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

This device complies with RSS-210 of Industry and Science Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Installation Warnings

- ! Shut off power to the appliance and allow it to cool prior to installation.
- ! This kit must be installed by a qualified technician.
- ! All 110 VAC wiring must be done by a qualified electrician and shall be in compliance with local codes and the National Electric Code ANSI/NFPA No. 70 (in the United States), or with the current CSA C22.1 Canadian Electric Code (in Canada).
- ! Do not connect 110 VAC to the gas control valve or on/off switch on gas heaters or the thermostat posts on pellet heaters.

Follow the instructions on the following pages for the type of model being addressed.

This Remote Is Not Intended For Extended Un-Attended Use

If the batteries in the transmitter go dead or if the transmitter is placed somewhere out of range, the heater will not turn on or off based upon room temperature. For this reason, do not use the remote for installations that provide the sole source of heat or where remote operation is imperative.



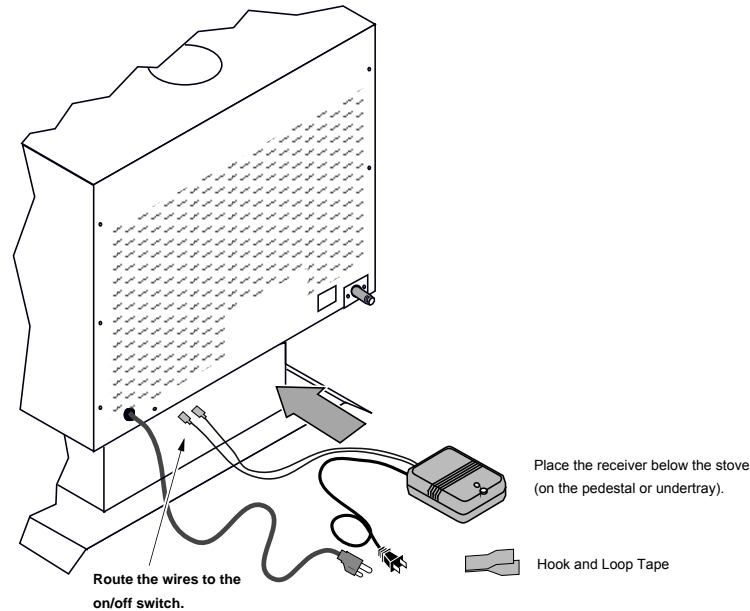
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Gas or Pellet Stove Receiver Placement

Place the receiver below the stove, preferably on the pedestal (if applicable) or on the stove under-tray, away from any hot surfaces. Two pieces of hook and loop tape are provided to allow you to secure the receiver if needed. When placing the receiver, position it with the button in an accessible position to allow for remote over-ride. Route the receiver wires to a location near the on/off switch (making sure all wiring is kept away from hot or moving components). Connect the receiver power cord to a 110 VAC outlet (on newer gas stoves you may use the power cord adapter - see "Power Cord Adapter Installation" for details).

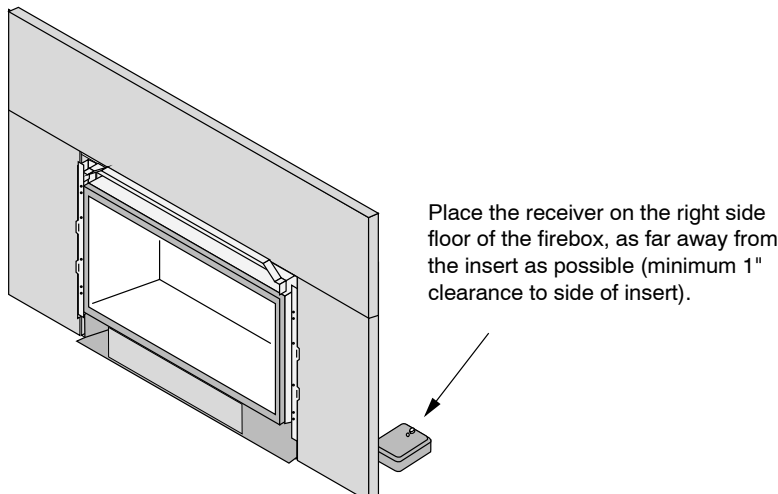


Gas or Pellet Fireplace Insert Receiver Placement

Place the receiver behind the surround panel on the fireplace floor (see the illustration to the right). Route the receiver wires to a location near the on/off switch.

Connect the receiver power cord to a 110 VAC outlet.

NOTE: On the 31 and 33 DVI you may use the power cord adapter to connect the power cord directly to the insert. See "Power Cord Adapter Installation" for details.





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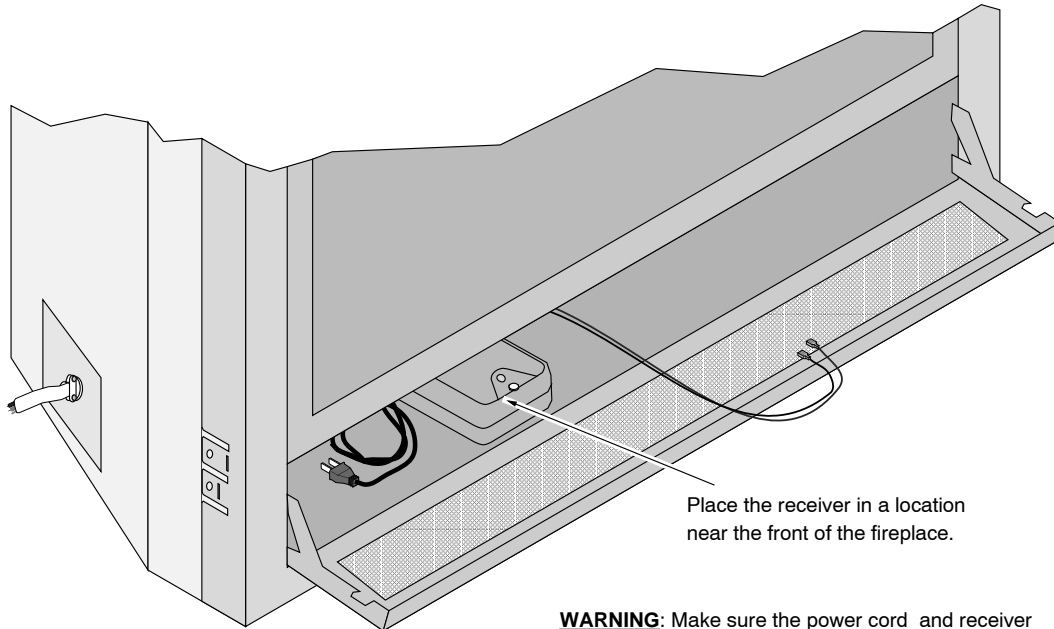
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Gas Fireplace Receiver Placement

Place the receiver on the fireplace base near the front of the fireplace. Route the receiver wires to a location near the on/off switch. Route the power cord to a location near the power inlet (see "Power Cord Adapter Installation" below).

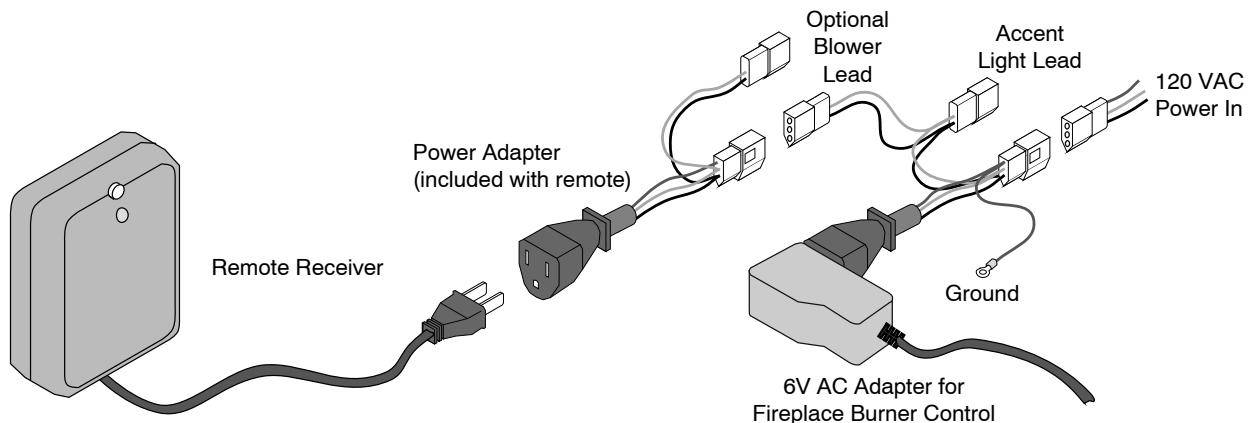
FOR THE 21 TRV: Remove the control cover and place the receiver to the right of the gas control valve.



WARNING: Make sure the power cord and receiver wires do not contact the blower (if applicable) or firebox (or other hot surface). Use lock-ties if necessary.

Power Cord Adapter Installation

On newer gas appliances power may be drawn directly from the appliance AC circuit. Connect the receiver power cord to the power cord adapter then attach to the power harness on the appliance (see illustration below). If using a blower you will need to disconnect the blower power lead and attach it to the power cord adapter.





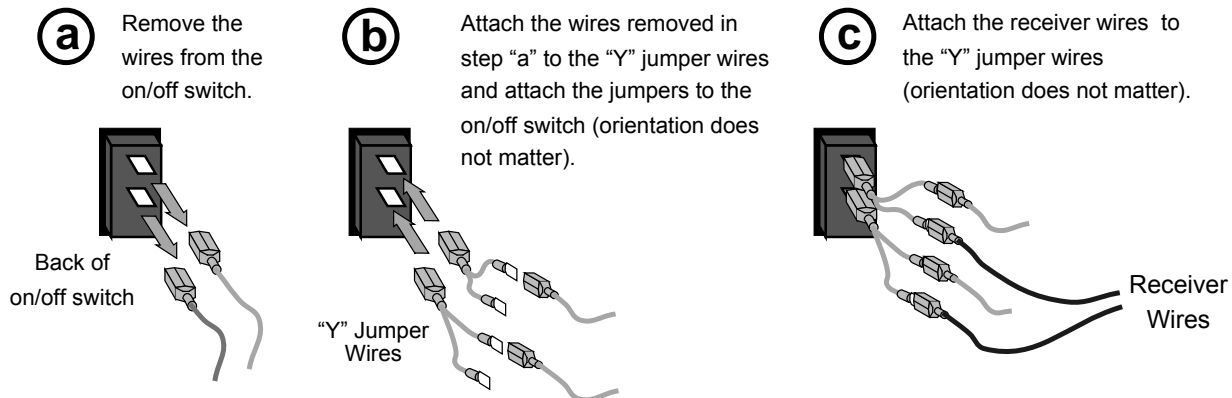
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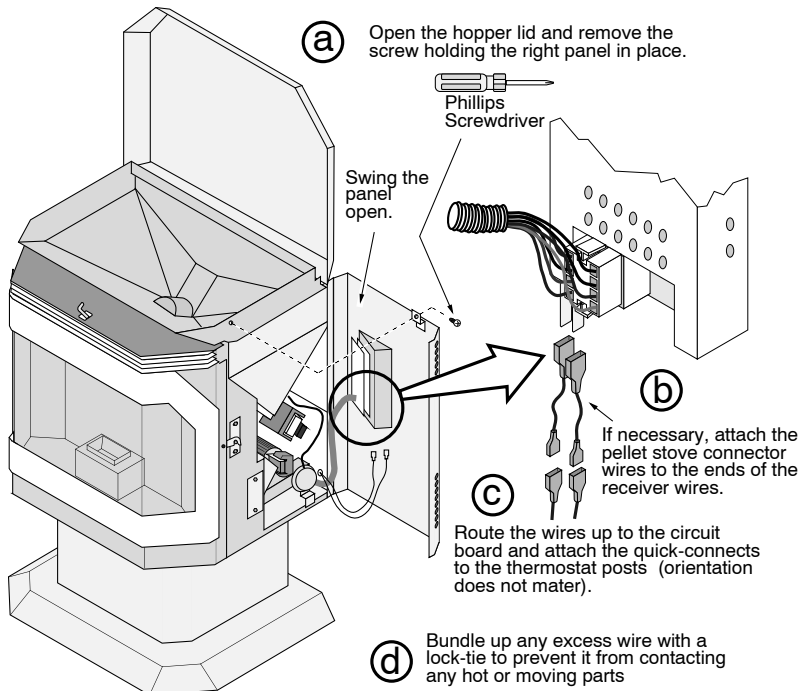
Gas Appliance Receiver Wire Installation

We recommend the receiver wires to be installed in a parallel circuit with the on/off switch (switch must be in "OFF" position for remote to work). See the directions below for this type of installation.



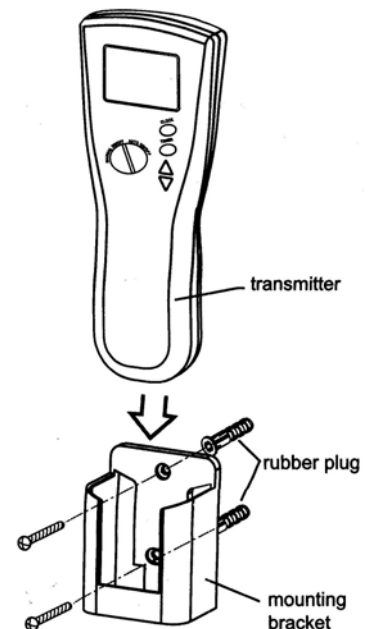
Pellet Receiver Wire Installation

The receiver wires connect to the back of the pellet control board. See the directions below for installation.



Transmitter Mounting Bracket

The optional transmitter mounting bracket may be attached to a wall. This allows the homeowner to place the remote in a single location. See the directions below for installation.





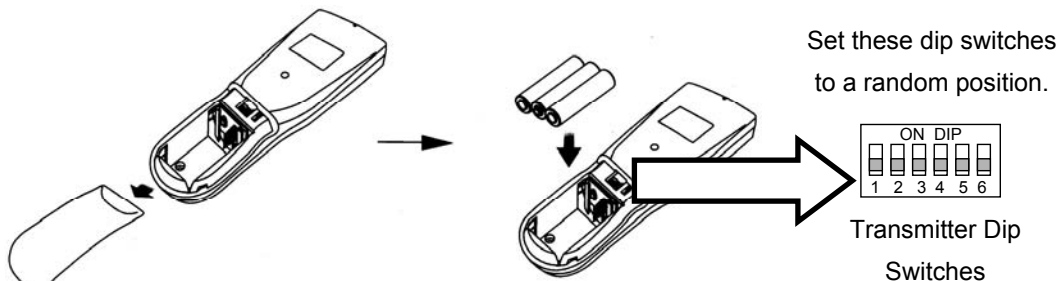
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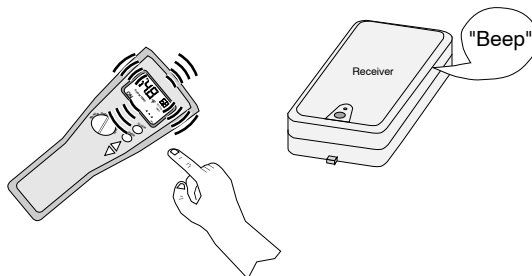
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Remote Receiver Calibration

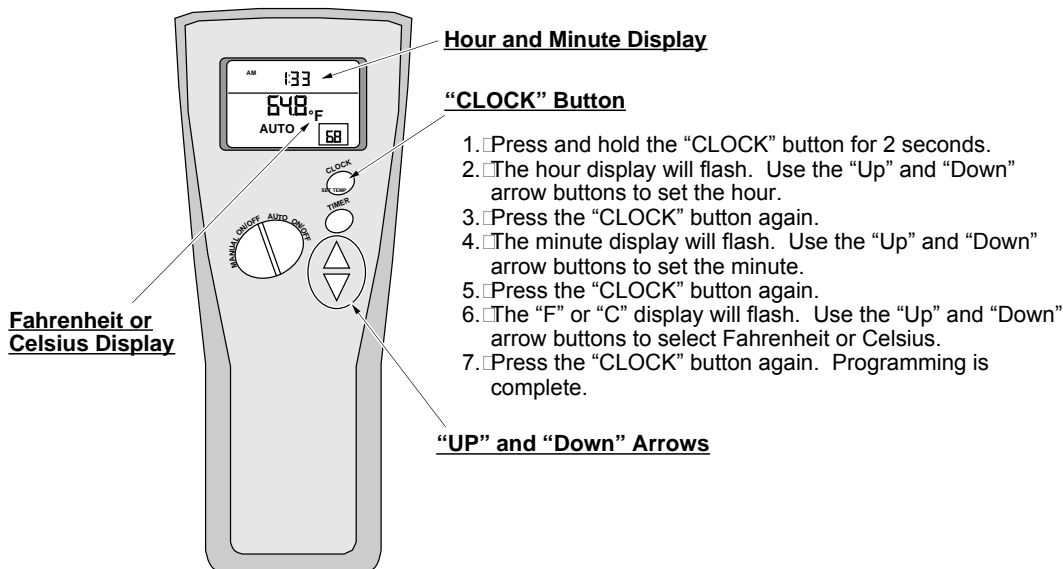
- 1 Plug in the receiver.
- 2 Remove the cover from the back of the transmitter. Insert three "AAA" batteries into the transmitter as shown below to the right. Slide the dip switches on the transmitter to a random position (this makes the transmitter unique to the receiver).



- 3 Position the transmitter within 1 foot of the receiver. The LED indicator panel on the transmitter should be flashing (if not, remove and replace the batteries). Press down any button on the transmitter until the receiver "beeps". This indicates the transmitter and receiver are calibrated on the same radio frequency (if it does not, unplug receiver, remove batteries, plug in receiver, replace batteries, and repeat this process). Test operation of the remote control.



Setting the Time and Fahrenheit/Celsius Display





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OPERATING INSTRUCTIONS

- NOTE:** This kit must be installed by a qualified technician to work correctly
- NOTE:** On gas appliances the pilot flame must be lit (on standing pilot systems), the gas control valve turned to "ON", and the on/off switch turned to "OFF" for the remote to work correctly.
- NOTE:** On pellet stoves the auger must be primed for the remote to work correctly.
- NOTE:** The remote must be calibrated before it will work (see the instructions on the previous page). If the remote fails to work, try unplugging the remote receiver, plugging it back in, then re-calibrate the remote.

MODES OF OPERATION:

Manual Mode

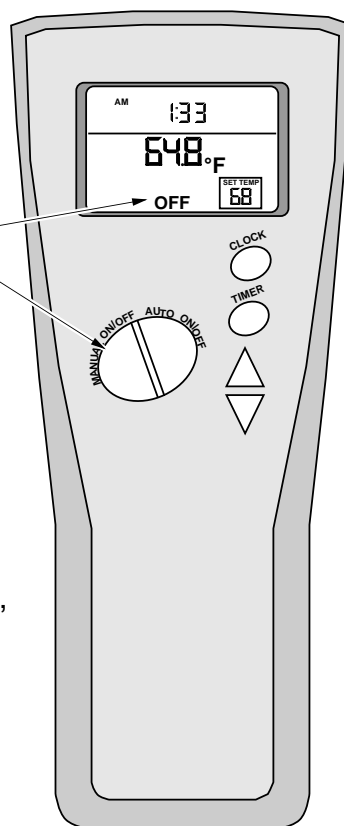
Use manual mode to turn the heater on and off directly.

TO TURN ON AND OFF:

Use this key to toggle the heater on and off. The display will indicate the status.

NOTE:

-- If the room exceeds 90°, the heater will shut off.





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Auto Mode

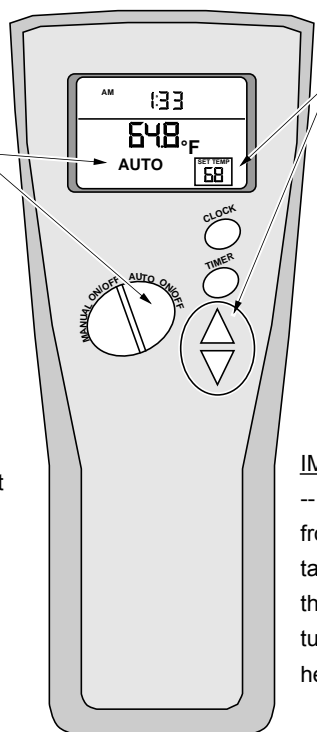
Auto mode works like a thermostat, turning the heater on and off to meet the desired temperature.

THERMOSTAT MODE:

Use this key to toggle the thermostat mode. The display will indicate "AUTO" when in thermostat mode.

HINT:

If your heater turns on and off frequently, adjust the flame height down slightly for a more consistent heat output.



TO ADJUST TARGET TEMPERATURE:

Use the arrow keys to adjust the target temperature to the desired level.

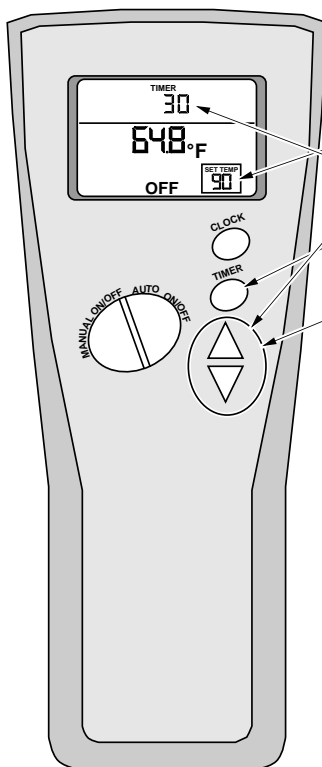
The heater will turn on and off to keep the room temperature near the target temperature.

IMPORTANT NOTES:

-- The thermostat has a delay to prevent the heater from turning on and off repeatedly. As a result, the target temperature may be slightly higher (2° or 3°) than the room temperature yet the heater does not turn on – do not adjust the target temperature – the heater will turn on in a few minutes.

Timed Mode

Timed mode allows you to turn the heater on for a pre-set period of time.



TIMED OPERATION:

- Use the arrow keys to adjust the target temperature to 90°.
- Press the "TIMER" button - the " - - - " will start to flash.
- Use the arrow keys to set the number of minutes you would like the heater to stay on.

The heater will turn on and stay running for the number of minutes displayed.

NOTE:

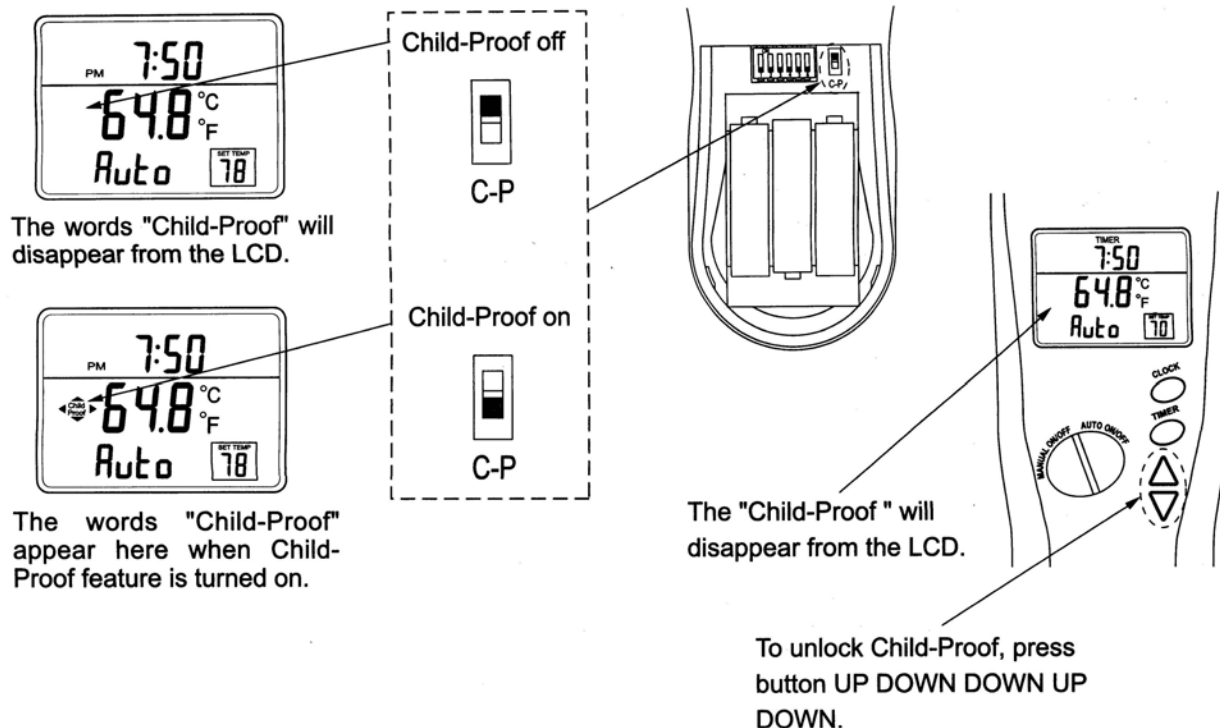
If the room exceeds 90°, the heater will shut off.

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CHILD PROOF FEATURE:

The child proof switch disables the buttons on the front of the remote. Thermostat and timer functions continue to operate.



6 Hour Safety Timer (Factory Default is “ON”)

The receiver has a switch on the back that activates the 6 hour safety timer switch.

Enable – Timer Set to “ON”

In case of transmitter failure (malfunction / battery run out) or out of transmission range, the receiver will shut down the heater automatically after 6 hours of no transmitter signal detection.

Disable – Timer Set to “OFF”

The receiver and heater will continue to operate in the last setting and will not shut off automatically even in case of transmitter failure. This is not recommended.

OPERATION WITH DEAD BATTERIES

The heater may be operated with dead batteries. Use the button on the receiver to toggle the heater on and off.

TURNING THE UNIT OFF WHEN TRANSMITTER IS NOT PRESENT

If at any time you misplace the transmitter and wish to turn the heater off, press the button on top of the receiver. This will over-ride the transmitter and shut the heater off.

NOTE: If the remote is within transmission range, it may turn the heater back on. To insure the heater does not turn on, shut off gas to the heater or unplug the remote to turn the heater off.

OPERATION DURING POWER OUTAGES

If a power outage occurs, the receiver will turn the heater off. Once power is restored, the remote will turn the heater on (if the remote calls for heat) within 30 minutes. If you wish to over-ride the remote and turn the heater on (gas stoves only), turn the on/off switch on the gas heater to "ON".