Control System Kit

Conversion of Gazco Upgradable Controls to Battery Remote Control

Instructions for Use, Installation and Servicing

For use in GB, IE (Great Britain and Republic of Ireland)

CAUTION

The Thermostatic Remote Control has an automatic setting allowing the appliance to be programmed to come on at preset times and set temperature.
Gazco recommend careful forward-planning when using the Timer mode - as no one may be in the room or home when the appliance lights:

• NEVER leave combustible materials on top of or next to the appliance.
• When away from home for any length of time, turn the right-hand ignition control to OFF ●.
This stops any communication between the remote and the appliance's controls.
The Thermostatic Remote Control is not suitable for use with open-fronted appliances, such as the VFC or baskets.
This upgrade can be fitted by anyone capable of simple DIY tasks and requires no special training, but it is very important these instructions are thoroughly understood before attempting the upgrade.
Do not open the body of the control valve or loosen any fasteners or pipes not shown in this instruction. If these instructions are not followed carefully, a fire or explosion may result, causing property damage, personal injury or loss of life.

PR0610.05.11.24

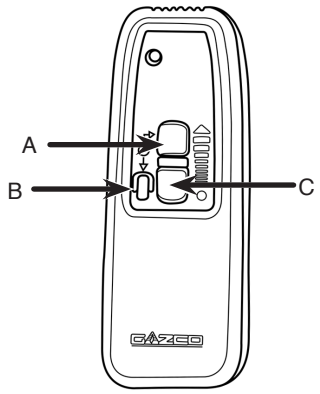
Quick User Guide

Covering the following models:

STANDARD REMOTE CONTROL	THERMOSTATIC & TIMER REMOTE CONTROL
8455	8456

STANDARD REMOTE CONTROL

Regulates the height of the flame and temperature.



Light the pilot using the appliance's controls and make sure the right-hand control knob is set to main burner.

The pilot is lit and ready to run:

Hold down both A & B simultaneously to increase the height of the flame.

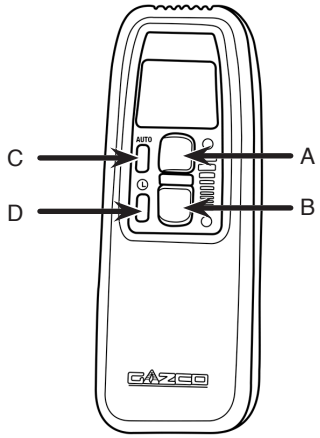
Press button C to reduce the flame height.

THERMOSTATIC / TIMER REMOTE CONTROL FOR GLASS FRONTED APPLIANCES ONLY

1. **MANUAL Mode** regulates the height of the flame once the right control is set to run

2. **AUTO Mode** regulates the temperature.

3. **TIMER** programs two times when the main burner is regulated automatically.



MANUAL MODE

Press A to increase the flame.

Press B to decrease the flame.

AUTO MODE

Press and hold C (Auto) to change from MAN.

Press A or B to adjust the temperature.

TIMER MODE

Set Clock

Press C and D together (Auto and Clock) - the time flashes.

Press A to set the Hour.

Press B to set the Minutes.

Set Timer

Press and hold down D until P1Y flashes.

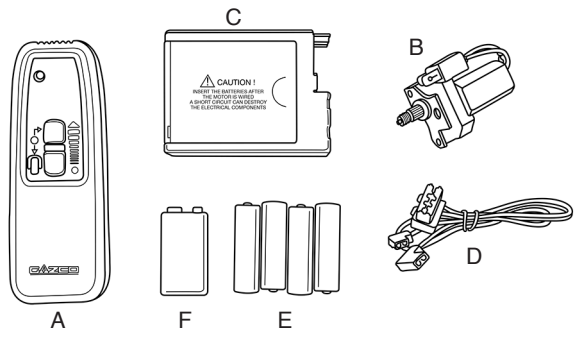
Press A and B to change the Hours and Minutes for the start time for Program 1. Press D again to set the time Program 1 ends, P1w. Repeat this process to set Program 2

UPGRADE

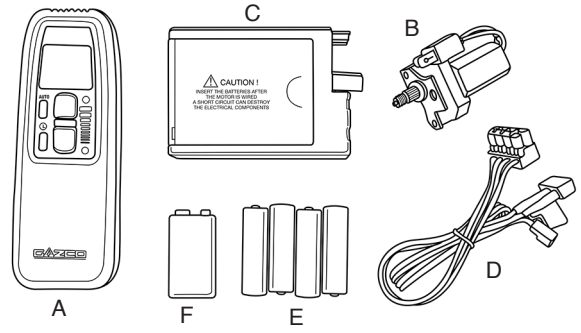
This conversion is either for a Standard Remote Control or a Thermostatic Remote Control.

The Standard kit contains the parts shown in Diagram 1 and the Thermostatic kit contains the parts shown in Diagram 2.

1 **Standard**



2 **Thermostatic / Timer**



Parts:

A = Handset
B = Motor
C = Receiver
D = Connecting wires
E = Receiver batteries x 4
F = Handset battery x 1
G = Microswitch (thermostatic version only)

Tools required:

— a small flat blade and a small cross head screwdriver.

This conversion can be fitted to any of the Gazco upgradable control gas appliances.

THE THERMOSTATIC VERSION IS NOT TO BE USED WITH OPEN APPLIANCES AS IT COULD TURN THE APPLIANCE ON WITHOUT SUPERVISION.

This upgrade can be fitted either before or after installation of the appliance.

APPLIANCES MUST HAVE A MINIMUM 150MM SIDE CLEARANCE TO ALLOW ACCESS FOR THIS CONVERSION.

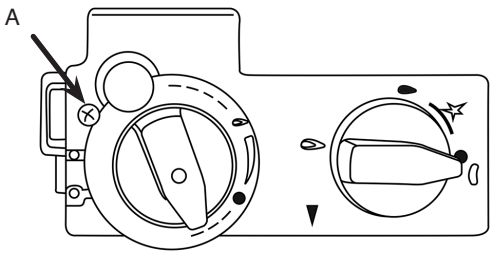
CONVERSION OF THE VALVE

Ensure that the appliance is turned off and that it is completely cold. If the appliance has an electrical connection make sure that this is also turned off and unplugged.

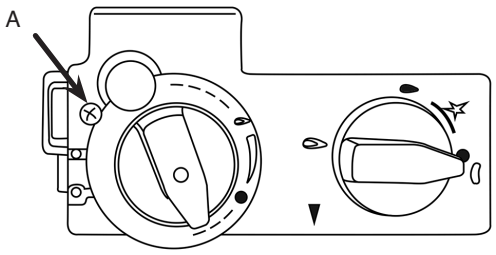
Find the control valve on the appliance, it should look like the control valve shown in diagram 1. If the control valve does not look like the one shown in this diagram, it might not be upgradeable.

Undo the single screw that secures the control cover.

1

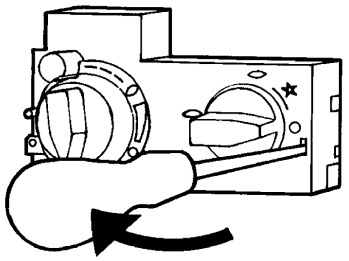


2



To release the right-hand side of the control cover insert the narrow blade screwdriver into the slot, lever and gently pull the cover, see Diagram. The cover now comes off. There is a small cylindrical metal spacer inside the cover; this can be discarded.

3

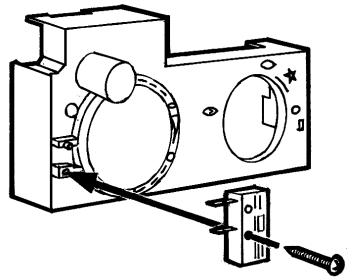


If upgrading to the thermostatic version, fit the micro switch.

ENSURE THE MICROSWITCH IS THE RIGHT WAY UP - THE PRINTED SIDE MUST FACE OUTWARDS.

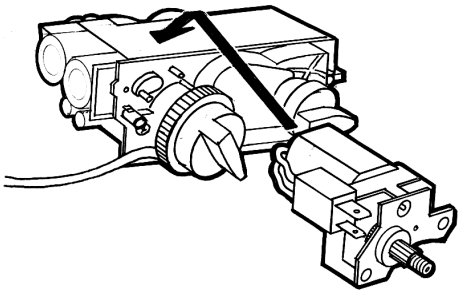
FOR FITTING THE STANDARD VERSION FOLLOW STEP 5

4



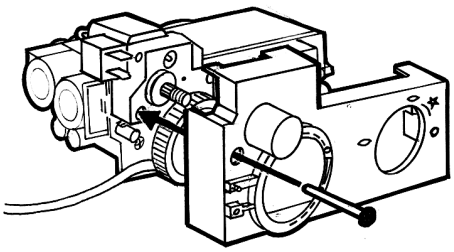
Locate the motor on the valve by lifting it up and over the left-hand control knob so that the silver motor body sits on top of the valve and the gear on the front of the motor engages with the control knob. A slight movement of the motor may be required to ensure that it engages correctly with the control knob.

5



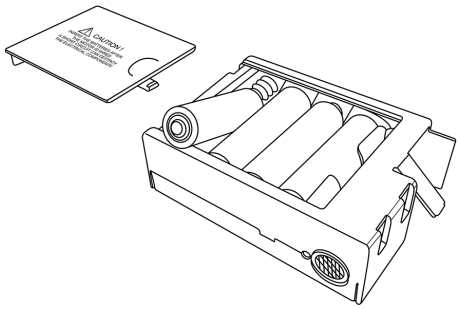
The control cover should now snap back onto the valve holding the motor in position. Replace the securing screw and tighten gently.

6



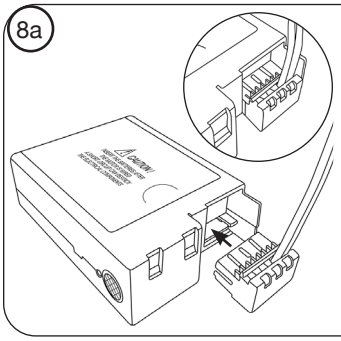
Insert the 4 AA batteries into the receiver as shown in Diagram.

7

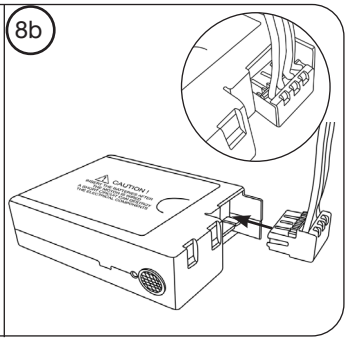


Plug the cable connector onto the receiver, Diagram 8a for the Standard remote or 8b for the Thermostatic remote. Take care to get the connector the right way up and in the position shown.

8a

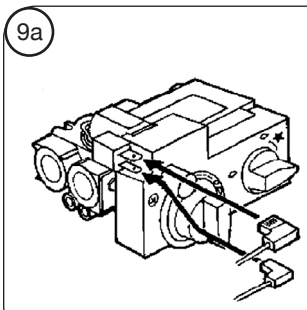


8b

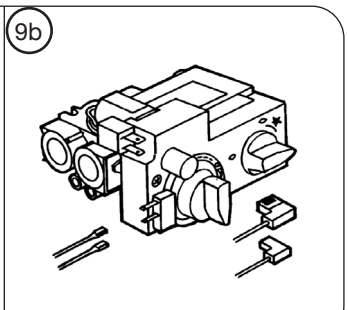


Plug the other end of the wires onto the valve, the leads will only fit the correct connector, follow diagram 9a for the Standard remote or 9b for the Thermostatic remote.

9a



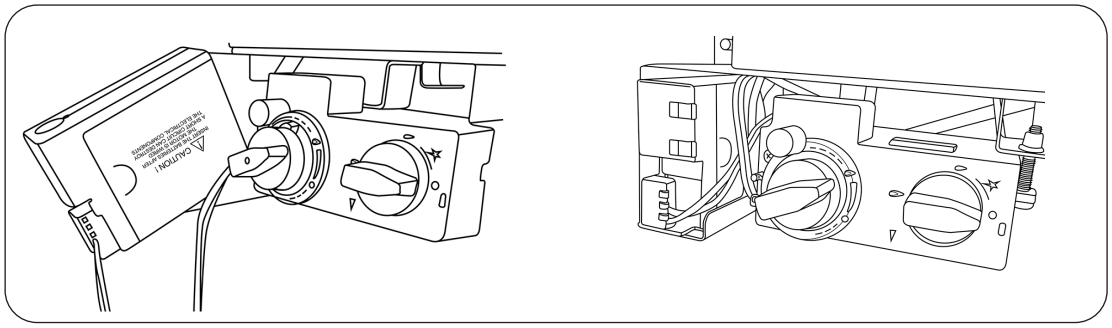
9b



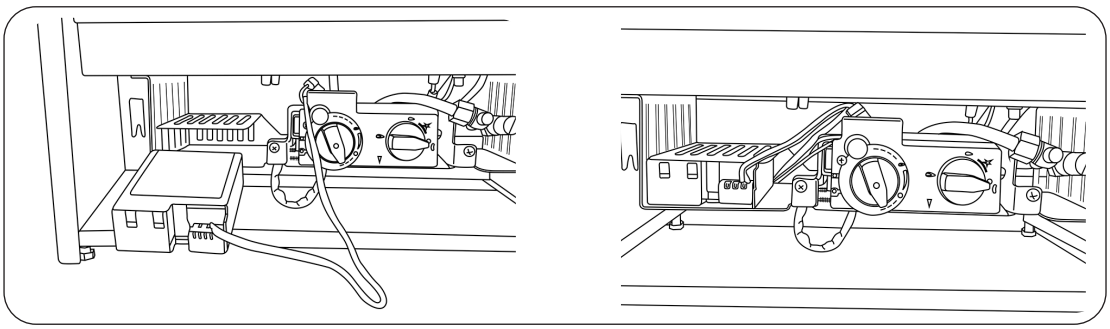
House the receiver in position and tidy the wires up as shown in Step 10. Follow the appropriate diagram.

10

Stoves - Control Unit on Side

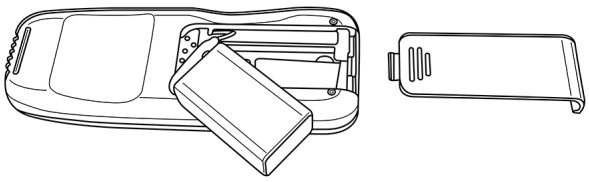


Stoves - Control Unit at Front



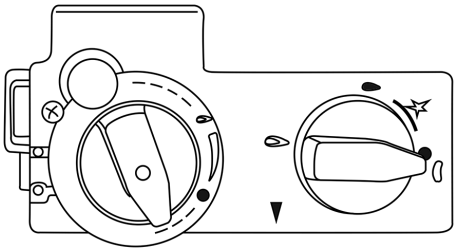
Insert the 9-volt battery into the remote control handset as shown.

11



LIGHTING THE PILOT

There are two control knobs on the valve, the right-hand knob controls the pilot ignition and the left knob controls the main burner.



Ensure the left-hand control knob is pointing to off (●).

Ensure that the right-hand control knob is pointing to off (●).

Press in the right-hand control knob and rotate it anti-clockwise until a click is heard (keep pressing in) and the knob is pointing to pilot (⬬). The pilot is now lit.

Keep the control knob pressed in for 10 seconds and then release it. The pilot stays alight.

If the pilot does not light after repeated attempts, contact the retailer or installer from whom the appliance was purchased.

Turn the right-hand control to point to main burner (➪). The appliance can now be controlled by the remote handset.

TURNING THE APPLIANCE OFF

BOTH TYPES OF REMOTE CONTROL CAN TURN THE MAIN BURNER OFF AND LEAVE THE PILOT BURNING AND READY TO RUN ➪

Remote Control

To turn the main burner of the appliance off using the handset press and keep pressing the Off button (●)

The main burner goes out leaving the pilot burning and ready to run ➪

To switch off the appliance completely (no pilot burning) return both control knobs to the off position (●).

Controls on Appliance

Use the controls on the appliance to turn the appliance off.
Turn the left-hand control knob until it points to Off (●). You hear a click. The main burner goes out leaving the pilot burning and ready to run ➪.

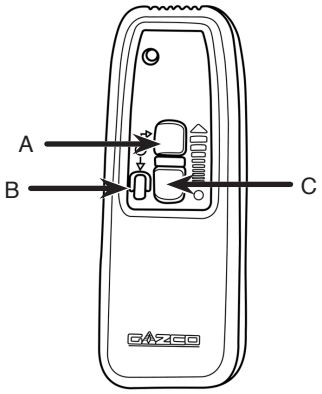
CAUTION: IN RARE INSTANCES, NOISES FROM SOURCES OUTSIDE THE REMOTE CAN OPERATE THE MAIN BURNER. IF YOU FIND THIS OCCURS, ALWAYS TURN THE CONTROL TO OFF.

STANDARD REMOTE CONTROL

The Standard remote controls the gas appliance when:

— the pilot is lit
— the right-hand control points to main burner ➪ ready to run position.

It regulates the temperature from low to high and back . It can also turn the main burner off leaving just the pilot burning and ready to run



To light the main burner:

Press buttons A & B simultaneously.
The remote's LED light flashes to show communication between the appliance's controls and the remote.

To adjust the burner to high:

Press and hold buttons A & B simultaneously. The height of the flame increases. A clicking sound tells you when the appliance is at maximum.

Press and hold button C to decrease the flame height. Continue to press C to turn off the main burner.

To make small adjustments to flame height of the main burner:

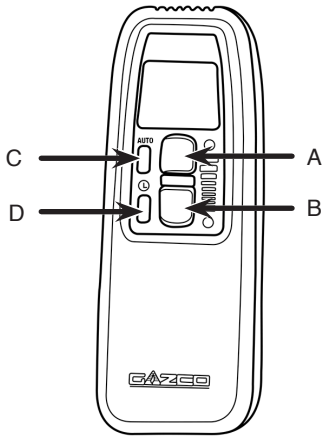
Press and hold down button B and press button A just once to make a slight increase. This way you can increase the temperature by stages. Repeat again to further adjust.

Press button C once to slightly reduce the flame height.

THERMOSTATIC REMOTE CONTROL

NOTE: THIS REMOTE IS SUITABLE FOR GLASS-FRONTED APPLIANCES ONLY.

With the right control switch set to pilot, ready to run, this remote has three modes of operation: Manual, Auto and Timer. In Manual mode the appliance's temperature can be regulated. In Auto mode the appliance's temperature is set by the remote. In Timer mode the main burner automatically turns on and off over two programmed periods and adjusts to the set temperature.



SWITCHING BETWEEN MODES

The Thermostatic remote is factory set to default to Manual Mode.

To switch to Auto:

Press the Auto button.

The set temperature is displayed.

To switch to Timer mode:

Press the Timer button

MANUAL MODE

To light the main burner:

Press and hold button A. Use button A to increase or decrease the temperature by either holding the button to move to the desired flame height or using a single press of the button to increase the flame height stage by stage.

Press and hold button B to decrease the temperature in one move or press once to decrease by stages. At the lowest point the main burner will go out.

AUTO MODE

Buttons A and B work in the same manner as in Manual Mode.

SETTING THE CURRENT TIME

This can be done immediately after changing the batteries.

Press the Clock button and Auto button simultaneously.
With the screen flashing the time can be set using either the 12 or 24-hour clock. The choice of 12 or 24-hour clock determines whether the temperature is displayed in Fahrenheit or Centigrade (12 = F, while 24 = C).

Press Auto to choose between 12 or 24-hour and Fahenheit or Centigrade settings.

Press button A to set the hours.

Press button B to set the minutes.

Press the Clock button or wait a few seconds to return to the Manual mode.

SETTING THE DESIRED TEMPERATURE

From Manual mode:

Press and hold down the Auto button. The temperature flashes (see **SETTING THE CURRENT TIME** to change from Fahrenheit to Centigrade).

Press button A to increase the temperature setting.

Press button B to decrease the temperature setting.

The remote now automatically regulates the flame height to maintain the set temperature, so it is important that the remote is kept where it is possible measure the most comfortable room temperature.

Press Auto to check the set temperature.

TIMER MODE

With the right control switch set to pilot, ready to run, it is possible to calculate two timed periods when the appliance automatically turns on, regulates its temperature and turns off. The temperature is regulated as in Auto Mode.

From Manual mode:

Press and hold the Clock button. TIMER and P1● flashes. This is the start time for period.

Press button A to set the hours and button B to set the minutes.

Press the Clock button once to display P1☽ . The is the end time for period 1.

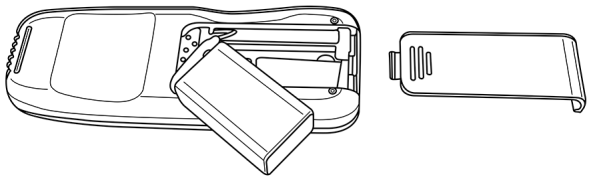
Use buttons A and B to change the hours and minutes.

Press the Clock button to move to the second period and repeat the steps above.

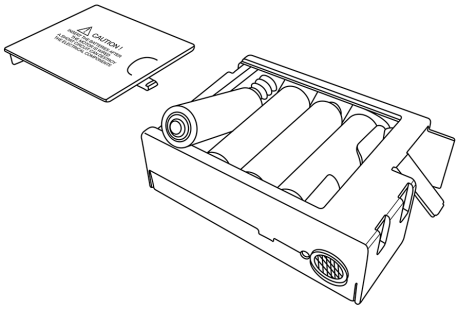
REPLACING BATTERIES

NOTE: ON SOME MODELS IT MAY BE NECESSARY TO REMOVE THE DECORATIVE FRONT TO REACH THE RECEIVER.

Remote Handset
The remote handset displays 'BATT' or the display itself appears feint when the batteries need replacing.



Control Valve Receiver
If the control valve fails to respond to the remote, check the batteries.



CAUTION: IF YOU PLAN TO BE AWAY FROM HOME FOR ANY LENGTH OF TIME, TURN THE RIGHT-HAND IGNITION CONTROL TO OFF ●. THIS STOPS ANY COMMUNICATION BETWEEN THE REMOTE AND THE APPLIANCE'S CONTROLS.

FOR ENQUIRIES IN THE U.K (EXCLUDING NI):

Stovax Gazco Limited, Spitfire Avenue, Skypark, Clyst Honiton, Exeter, Devon, England EX5 2FR

Tel: (01392) 261900 E-mail: info@gazco.com

FOR ENQUIRIES IN EUROPE (INCLUDING NI):

Stovax Heating Group (NI) Ltd (Comp reg NI675194), 40 Linenhall Street, Belfast, BT2 8BA DX 400 NR Belfast Tel: +44 (0)1392 261990 E-mail: northernireland@gazco.com

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