



Operating instructions (GB / IE)

User manual for appliances equipped with electronic ignition on remote control



Please read and retain this document carefully



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Preface

DRU, a manufacturer of gas heating appliances, develops and produces products that comply with the highest quality, performance and safety requirements.

This will enable you to enjoy using this product for many years to come.

The appliance is provided with a CE mark. Gas appliances that comply with the requirements for safety, environment and energy consumption (the so-called essential requirements) of the European gas appliance directive, are entitled to carry the CE mark.

Your appliance should be installed and maintained by a competent installer in the field of atmospheric gas heating.

Two manuals are supplied with the appliance: the installation manual and the user manual.

The user manual will give you the information you need to operate the appliance properly and safely.

Carefully read this user manual prior to using the appliance.

Keep the user manual AND the installation manual in a safe place.

As a user you are only entitled to perform the work described in the user manual. Any other work requires a competent installer.

In case of questions or doubts, please contact your installer.

The following symbols are used in the manual to indicate important information:



Work to be performed



!Tip Suggestions and recommendations



!Caution You will need these instructions to prevent problems that might occur during use.



Caution You need these instructions to prevent fire, personal injury or other serious damages

1. Introduction

It is possible that your appliance is one of two versions, the standard model or the tunnel model. The standard model is always mounted against a wall. The tunnel model (look-through model) has panes at the front and side. It can be used as a separator between two living rooms.

Your appliance is a closed atmospheric gas heating appliance. A closed appliance does not extract the combustion air from the living environment, but from outside. This is done through a combined flue gas discharge system / combustion air supply system. This system can be installed through the wall, or through the roof.

These appliances will be built within a chimney breast. The chimney breast must be ventilated, for a proper heat discharge. The appliance is operated by means of a wireless remote control that works on batteries.

2 SAFETY

2.1 General



Caution

- Carefully read this chapter on safety
- Observe the precautions/instructions in this manual

2.2 Precautions / safety instructions

Carefully observe the following precautions/regulations:



your appliance should only be installed and maintained by a competent installer in the field of atmospheric gas heating;



do not make any changes to the appliance yourself;



have your appliance maintained for at least 1x per year;



a torn or broken pane should be replaced immediately;



close the gas tap if the appliance ignites with a pop sound/poorly and contact the installer;



close the gas tap in case of malfunctions/poor performance of the appliance and contact the installer;



always place combustible objects or materials such as curtains at least 50 cm away from the appliance and/or the discharge pipes;



do not dry clothes, towels etc. near the appliance;

- ➡ avoid contact with hot parts of the appliance to prevent burns;
- ➡ do not leave children and persons who cannot judge the consequences of their actions alone with a burning appliance;
- ➡ place the remote control out of reach from children and persons who cannot properly judge the consequences of their actions.

3. Taking the appliance in operation

3.1 For the first time

The chimney breast must be dry before taking the appliance in operation, in order to prevent shrinkage cracks.

!Caution If the chimney breast is made of stone-like materials or has been finished in stucco, it should be left to dry for at least 6 weeks prior to taking it into operation, in order to prevent cracks.

When the appliance is stoked up for the first time, an unpleasant smell may occur as volatile components evaporate from paint, materials, etc. This may take several hours.

- !Tip**
- Set the appliance to its highest level to speed up the evaporation process;
 - Keep the room well ventilated.
- !Caution**
- In the beginning the flame image is affected by the evaporation of volatile components;
 - Pets and birds in particular can be sensitive to the vapours that are released;

3.2 Protection

To prevent unsafe situations, you should carefully observe the following measures/instructions.



- Caution**
- Always place combustible objects or materials such as curtains at least 50 cm away from the appliance and/or the discharge pipes;
 - Do not dry clothes, towels etc. near the appliance, in order to prevent fire;
 - Avoid contact with hot parts of the appliance to prevent burns;
 - Do not leave children and persons who cannot judge the consequences of their actions alone with a burning appliance;
 - Place the remote control out of reach from children and persons who cannot properly judge the consequences of their actions.

3.3 Discoloration of walls and ceilings

A brown discoloration is an unpleasant and difficult to solve problem. Brown discoloration can be caused by burning substances as a result of insufficient ventilation, smoking, burning candles, oil lamps, etc. Cigarette and cigar smoke contains tar substances that are deposited on colder walls.

These problems can be (partly) solved through a proper ventilation of the room where the appliance is placed.

4. Wireless remote control

The appliance is supplied with a remote control.

Ignition, controlling the flame height and switching off are performed by the remote control that operates a receiver in the control box.

The receiver and remote control are battery powered. The receiver requires 4 penlite (AA type) batteries, the remote control requires a 9V block battery. At normal use, the batteries will have an average life of one year.

You can also use an optional adapter. Ask your installer for information. In that case you will need a 230 V outlet in close proximity.

4.1 Receiver

The receiver is located in the control box (see *Fig. 1*).

4.1.1 Replacing batteries

If the receiver's batteries are almost empty, you will hear 3 short beep sounds, provided the little motor for controlling the main burner is running (see 4.2.1.1).

To replace the batteries, proceed as follows:

- ➡ **Open the door of the control box;**
- ➡ **Pick up the receiver;**
- ➡ **Slide the cover off;**
- ➡ **Remove and place the 4 penlite (AA type) batteries.**

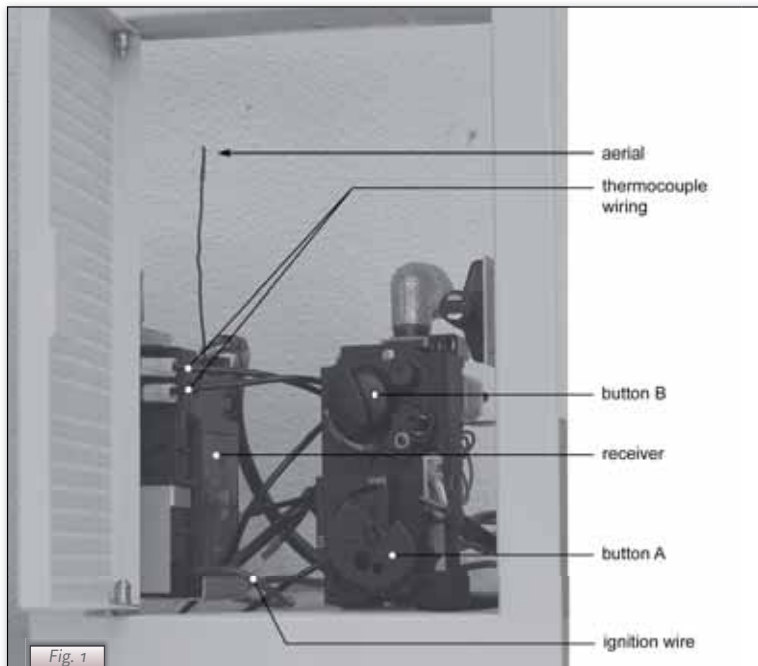


Fig. 1

- !Caution** - Avoid a short circuit between the batteries and metal objects/parts;
- Observe the "+" and "-" poles of the batteries and the holder;
 - Use alkaline batteries.
- ▣▣▣▣ Slide back the cover;
- ▣▣▣▣ Place the receiver as indicated on *Fig. 1*.
- !Caution** - Do not place the antenna too close to the ignition cable and/or metal parts: make sure the antenna points upwards (for correct position, see *Fig. 1*);
- Make sure the ignition cable is not running over/alongside metal parts: this will weaken the spark;
 - Do not lay the ignition cable over the receiver: this could damage the receiver.
- !Caution** Batteries are regarded as "small chemical waste" and may therefore not be disposed with the household rubbish.

4.2 Remote control

The standard functions of the appliance, such as ignition, controlling the flame height, stand-by position (pilot flame) and switching off are performed with the remote control in the MAN position (manual control) (see *Fig. 2*).

- !Caution** - Always wait 5 minutes after the pilot flame has gone out, before you re-ignite the appliance;
- Close the gas tap in case of malfunctions/poor performance and call your installer.

You can also set a number of additional functions:

- ▣▣▣▣ Temperature display in degrees Celsius or Fahrenheit;
- ▣▣▣▣ Time;
- ▣▣▣▣ Thermostat function;
- ▣▣▣▣ Timer for thermostat function.

- !Caution** - Although highly improbable, we cannot rule out that your appliance's ignition process can be started unintentionally through other remote controls. This could be the remote control of your neighbours' gas heater, but also car keys and garage door openers.

The result will be that your appliance will burn when you do not want it to.

This can be avoided as follows:

- setting a new communication



Fig. 2

code between remote control and receiver, prior to putting the appliance into operation (see section concerned);

- always put the remote control in the MAN position, also when you are not heating, unless you have set the thermostat function and/or the timer (see section concerned);
- in case of longer absence, put button A on the gas control block in the position MAN (see section concerned);
- close the gas tap near your appliance. This is the safest precaution, if the appliance will not be used for a longer period.
- Observe stated precautions / safety instructions - even if the appliance is not in use

4.2.1 MAN position

By briefly pressing the SET button, you will go through the following functions:

MAN → TEMP → TEMP → (P*) TIMER → MAN

where, depending on the timer setting:

(P*) is displayed as P1 , P1 , P2 , P2 .

!Tip You can also go back to the MAN position, by pressing or .

!Caution - When pressing the buttons (with the exception of the SET button), the transmission symbol will appear to indicate that transmission is taking place between the remote control and the receiver;

- The receiver acknowledges the transmission with a sound signal;
- The appliance will automatically enter the standby position, if there is no transmission for 6 hours.

➡ Set the remote control to the MAN position.

4.2.1.1 Ignition

Ignite the appliance as follows:

➡ Set button A on the gas control block to ON (B button is controlled automatically) (see Fig. 3).

The gas control block is located in the control box.

➡ Simultaneously press buttons and on the remote control;

➡ Let go of the buttons when a short sound signal indicates that the ignition process has been started.

In succession:

- ➡ the continuous signals will indicate that the ignition process is active;
- ➡ a short sound signal will indicate that the ignition process has finished;
- ➡ the appliance will automatically switch to the main burner, which will



**Caution**

start to burn in a few seconds.

- If the pilot flame is not burning after 3 ignition attempts, you must close the gas tap and call the installer;
- When igniting the pilot flame, you will hear sound signals. After the last short sound signal, the main burner should be largely ignited within about 10 seconds. If this is not the case, you must close the gas tap and warn your installer;
- If the appliance ignites with a pop sound, you must close the gas tap and contact your installer

!Tip

A little motor will start to run when the main burner operates, you will be able to hear it.

4.2.1.2 Flame height / standby

It is possible to variably adjust the flame height. By continuing to lower the flame height, the appliance can be set to the standby position; this means that only the pilot flame will still be burning.



Press ▼ to reduce flame height and/or or to set the appliance to the standby position;



Press ▲ to increase flame height and/or to switch on the main burner from the standby position (pilot flame).

**Caution**

- If you continue to press down button ▲ on the remote control, the main burner should be largely ignited within about 10 seconds. If this is not the case, you must close the gas tap and warn your installer;
- If the appliance ignites with a pop sound, you must close the gas tap and contact your installer.

4.2.1.3 Switching off

Switch the appliance off by pressing the OFF button. The pilot flame will extinguish.

4.2.2 Temperature display

The temperature can be displayed in degrees (°C) with a 24h time format, or in degrees Fahrenheit (°F) with a 12h time format.



Simultaneously press OFF and ▼, until the correct display appears.

4.2.3 Time

The display can indicate time.

After placing the battery or simultaneously pressing ▲ and ▼, the time indication will flash on the display and you will be able to adjust the time.



Simultaneously press ▲ and ▼ until the time indication flashes on the display;



Press ▲ to set the hours;



Press ▼ to set the minutes;



Press OFF to return to the MAN position, or wait for the system to automatically return to the MAN position.

4.2.4 Thermostat function

By using the thermostat function you can set two temperatures that will be controlled thermostatically. These temperatures are referred to as day temperature and night temperature.

The ☀TEMP and 🌙TEMP symbols on the display refer to day and night temperature respectively.

The room temperature is compared to the set day/night temperature and then the flame height is automatically controlled in order to reach the set temperature.

To be able to use the day/night temperature function, the appliance must be in the standby position.

- !Caution**
- Always store the remote control in the same place, so that the thermostat can feel the surrounding temperature;
 - Make sure this place is free from influences such as draught, heat from radiators and direct sunlight.

Example

By using the ☀TEMP function you can keep the day temperature at 20 °C; while you use the 🌙TEMP function at night to maintain a temperature of 15 °C.

4.2.4.1 Setting day/night temperature

By using the SET button, you will go through the following functions:

MAN → ☀TEMP → 🌙TEMP → (P*) TIMER → MAN

- ▮▮▮▮ Briefly press the SET button to enter the ☀TEMP or 🌙TEMP position
 - ▮▮▮▮ Press the SET button until the temperature on the display flashes
 - ▮▮▮▮ Set the required temperature by using ▲ and ▼
- !Caution**
- The minimum temperature you can set is 5 °C / 40 °F
 - Control of the night temperature is switched off by lowering the temperature until two stripes ("--") appear on the display
- ▮▮▮▮ Press the OFF button or wait until position ☀TEMP or 🌙TEMP appears on the display

4.2.4.2 Activating the thermostat function

For activating the thermostat function, you must proceed with the following steps:

- ▮▮▮▮ Set the appliance to the standby position (pilot flame) by means of ▼
- ▮▮▮▮ Set the day/night temperature
- ▮▮▮▮ Choose the ☀TEMP or 🌙TEMP function using the SET button

4.2.5 Timer for thermostat function

Using the timer enables you to set two times per 24 hours for switching on the day temperature and two times per 24 hours for switching on the night temperature.

In order to control the night temperature, it should be set to at least 5 °C / 40 °F.

If the night temperature is set to the “- -” position, the appliance will remain in the standby position.

The appliance will only switch on at the next switch-on time of the day temperature.

The appliance must be in standby position in order to be controlled by the timer.

Example of switch times

You have set a day temperature and night temperature of, for example, 20 °C and 15 °C.

P1  TIMER = 7 hours; the temperature will go to 20 °C at 7 am;

P1  TIMER = 9 hours; the temperature will go to 15 °C at 9 am;

P2  TIMER = 17 hours; the temperature will go to 20 °C again at 5 pm;

P2  TIMER = 22 hours; the temperature returns to 15 °C at 10 pm.

4.2.5.1 Setting times for the timer

To set the timer, proceed as follows:







- **Set the day and night temperature as described above at 4.2.4.1;**
- **Briefly press the SET button to enter the (P*) TIMER position;**
- **Press the SET button until P1  TIMER is displayed and the time flashes;**
- **Set the first switch-on time for the day temperature by using  and .**
- **Briefly press the SET button to set the next time of the cycle, P1  TIMER;**
- **Subsequently set the times P2  TIMER and P2  TIMER;**
- **Press the OFF button or wait until position (P*) TIMER appears on the display.**



Fig. 4

4.2.5.2 Activating the timer function

Follow the steps below for activating the timer control:

- **Set the appliance to the standby position (pilot flame) by means of .**



Fig. 5

- ▣▣▣▣ Set the day/night temperature if you have not yet done so; for this, see 4.2.4.1;
- ▣▣▣▣ Set the timer times P1 **⌘**TIMER, P1 **⌘**TIMER, P2 **⌘**TIMER and P2 **⌘**TIMER;
- ▣▣▣▣ Choose the (P*) TIMER function using the SET button.

4.2.6 Replacing the battery

If the battery is almost empty, the display will show "BATT".

To replace the battery, proceed as follows:

- ▣▣▣▣ Remove the cover at the underside of the remote control;
 - ▣▣▣▣ Disconnect the 9V block battery from / connect the 9V battery to the connector.
- !Caution** - Observe the "+" and "-" poles of the batteries and the connector;
 - Use alkaline batteries.
- ▣▣▣▣ Place the battery in the holder;
 - ▣▣▣▣ Close the cover.

!Caution Batteries are regarded as "small chemical waste" and may therefore not be disposed with the household rubbish.

4.2.7 Communication code

4.2.7.1 Confirming

The communication code between receiver and remote control must sometimes be re-confirmed. This could be necessary if, for instance, the remote control or the receiver have been replaced.

Follow the procedure described below:

- ▣▣▣▣ Press the reset button on the receiver until you hear two sound signals (see Fig. 5);
- ▣▣▣▣ After the second, longer signal, let go of the reset button;
- ▣▣▣▣ Press **▼** on the remote control within 20 seconds, until you hear an extra long sound signal: this is a confirmation of the new code.

4.2.7.2 Changing the communication code

The communication code can be changed, for instance to enable you to operate several appliances separately.

The code is changed using the dip switches on the remote control and the reset button on the receiver (see fig 4 and fig 5).

- ▣▣▣▣ Remove the cover at the back side of the remote control;
- ▣▣▣▣ Change the position of the dip switches;
- ▣▣▣▣ Press the reset button on the receiver until you hear two sound signals;
- ▣▣▣▣ After the second, longer signal, let go of the reset button;
- ▣▣▣▣ Press **▼** on the remote control within 20 seconds, until you hear an extra long sound signal: this is a confirmation of the new code.

5. Maintenance

At least once per year, the appliance should be checked for proper and safe operation.



Caution

- Your appliance should be maintained by a competent installer in the field of atmospheric gas heating;
- Immediately replace the glass window, in case of a torn or broken pane;
- Do not make any changes to the appliance yourself.

!Caution

As user, you are only allowed to clean the appliance on the outside:

- Do not use corrosive detergents;
- Paint damages, resulting from objects fallen/placed against the mantel of the appliance are not covered by the warranty.

6. Environment

6.1 General

Dispose packaging material in accordance with local regulations.

Batteries are considered as small chemical waste and should be placed in special containers.

6.2 Appliance

When the appliance has reached the end of its life, you should have it processed sensibly, so that the appliance or parts of it can be used again.

Do not dispose the appliance as unsorted waste, but deliver it at a recognized collection point.

Contact your council for information on available delivery and collection systems.

6.2.1 Removing the appliance



Caution

Take the following steps, prior to removing the appliance:

- First close the gas tap;
- Then unscrew the coupling between appliance and gas tap.



Remove the appliance.

7. Warranty

The warranty for your DRU appliance will be provided by your supplier. In case of malfunctions, you should always contact him. Your supplier will contact DRU if he feels this is necessary. The factory warranty for your appliance is valid for 2 years after date of purchase.

Notes

A series of 30 horizontal dotted lines for taking notes.

English

958.010.01.UK



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