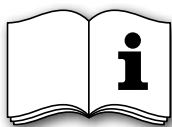




## User manual

for appliances supplied with a Honeywell remote control



Read this document and store it carefully



## Contents

	page
Preface	3
1. Introduction	3
2. SAFETY	4
2.1 General	4
2.2 Precautions / safety instructions	4
3. Taking the appliance in operation	7
3.1 For the first time	7
3.2 Protection	7
3.3 Discoloration of walls and ceilings	8
4. Radiographic remote control	8
4.1 Flame Symbol	8
4.2 Batteries	8
4.3 Receiver	8
5. Time and day	9
6. Operation	9
6.1 Manual Operation	10
6.2 Temperature control	12
6.3 Alternative operation	12
7. Time Schedule	13
7.1 Temporarily changing the temperature set point	13
7.2 Temporarily interrupting the time schedule	13
8. User Menu	14
8.1 Eco wave	14
8.2 Switch contact (if applicable)	15
8.3 Extra power supply (max. 80W, 230VAC) (if applicable)	15
8.4 Manually or Time Schedule	15
8.5 Setting Time and Day	16
8.6 Setting the Time Schedule	16
9. Installation Menu	17
9.1 12- or 24-hours time representation	17
9.2 Time schedule	17
9.3 Day Time Periods	18
9.4 Optional settings Eco-wave, Switch contact and the extra power supply	18
10. Receiving Sensitivity	18
11. Replacing the Batteries	19
12. Troubleshooter	20
13. Maintenance	21
13.1 Cleaning the glass pane	21
14. Environment	24
14.1 General	24
14.2 Appliance	24
15. Warranty	25
Appendix 1: Display and keys	26
Appendix 2: Display	27

## Preface

DRU 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-fired 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.

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 user 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

Your appliance is a room-sealed atmospheric gas-fired heating appliance. A room-sealed appliance does not extract the combustion air from the living environment, but from outside. This is done by means of a combined flue gas discharge system / combustion air supply system. This system can be installed through the wall or through the roof. If necessary, the appliance will be built in a chimney breast. A chimney breast must always be ventilated in order to be able to discharge heat properly.

## 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 be installed and maintained by a competent installer.
- ➡ Do not make any changes to the appliance yourself.
- ➡ Have your appliance maintained for at least 1x per year.
- ➡ Close the gas tap if the appliance ignites with a pop sound and/or poorly and contact the installer.
- ➡ Close the gas tap in case of malfunctions and/or poor performance of the appliance, contact the installer and make sure there is no voltage on the appliance.
- ➡ If the appliance does not ignite after two restarts and enters hard lockout, it may never be reset by disconnecting it from the power supply. Never use more than 3 attempts to ignite the appliance, as this could lead to an accumulation of gas within the appliance. Ask your dealer/installer what you should do.
- ➡ In case of a broken or torn glass pane, do not use the appliance and close the gas tap. Have the glass pane replaced immediately.
- ➡ Make sure that combustible objects and/or materials such as curtains have a distance from the appliance and/or the flues of at least 50 cm.
- ➡ Do not dry clothes, towels etc. on and/or 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.

- Make sure the control hatch is closed, because of electric voltage.
- If the appliance will not be used for an extended period of time, we recommend removing the batteries from the remote control and receiver. This will prevent damage to the appliance due to leaking batteries.
- Pets and birds in particular can be sensitive to the vapours that are released;
- In the beginning the flame picture is affected by the evaporation of volatile components.
- When controlling the appliance with the remote control on thermostat function, or by means of a tablet with app, or a domotics system, the appliance may be switched on while you are not present. Therefore, please take measures to prevent damage to goods or persons in such a case.
- If you are using WIFI (e.g. telephone or tablet) to operate the appliance, you must take precautions to prevent hacking and unintended activation of the appliance by third parties.
- The glass pane(s) to be cleaned must have cooled down to room temperature.
- Take the following steps, prior to removing the appliance:
  - First close the gas tap;
  - Disconnect the 230VAC connection;
  - Then unscrew the coupling between appliance and gas tap.
- This appliance can be used by children over the age of 8 and persons with reduced physical, sensory or mental capacities or lack of experience and know-how, if they are supervised or if they have been instructed on how to use the appliance safely and are able to appreciate the hazards involved.
- Children are never allowed to play with the appliance.
- Cleaning and user maintenance may never be performed by children without supervision.
- The appliance may only be operated by means of the remote control and/or app under supervision. In this way there will be an overview of the situation around the appliance and the possible people that are present during ignition.



The appliance was designed for atmospheric and heating purposes.

This means that all visible surfaces, including the glass pane, can become hotter than 100°C. It is recommended to always place a protective grating in front of the appliance when there are children, elderly people or handicapped persons in the same room as the appliance. If it is possible that vulnerable people are regularly present in the room with no supervision, a fixed guard should be mounted around the appliance.

**!Caution** Appliance is supplied with 230VAC 50Hz.

**!Caution** The control of the appliance is provided with strict safety requirements. It is possible that the burning appliance switches off automatically and immediately switches on again. This is not a malfunction, but a check. From the moment that the appliance's control is connected to the power supply, the control will perform this check every 24 hours. If the appliance is burning at that moment, it will extinguish and immediately switch on again. If you wish to prevent this, you can remove the plug and reconnect it, at a time when the appliance never (or hardly ever) burns.

### 3. Taking the appliance in operation

The appliance could make noises when heating up or cooling down, when it is being controlled and during combustion. These noises cannot be prevented.

#### 3.1 For the first time

When using a chimney breast, it has to be dry before you take the appliance into operation. This is 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 be able to use the wireless remote control, you must set a communication code between the remote control and the receiver, prior to putting the appliance into operation; for this, see chapter 4.3.1.

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 a number of hours.

After burning the appliance for the first time, allow it to cool down to room temperature and clean the glass pane(s); see chapter 13.1.

**!Tip**

- Set the appliance to its highest level to speed up the evaporation process;
- Keep the room well ventilated;
- Remove pets from the room.

#### 3.2 Protection

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

- Make sure that combustible objects and/or materials such as curtains have a distance from the appliance and/or the flues of at least 50 cm;
- Do not dry clothes, towels etc. on and/or 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 contain 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. Radiographic remote control

The appliance is supplied with a wireless, radiographic remote control. This allows you to control the appliance manually, as well as by means of a time schedule. The temperature and flame height can be controlled manually; the time schedule will only control the temperature.

The possible time schedules are:

- A time schedule with the same settings for each day.
- A time schedule with separate settings for the week days (Monday to Friday) and the weekend.
- A time schedule with separate settings for each day.

For each day, two, four or six different time periods can be set. The time schedule can easily be set by setting the begin time and the temperature set point of each period.

### 4.1 Flame Symbol

A flame symbol indicates that the burner of your appliance has been switched on.

### 4.2 Batteries

Before you can take the remote control in operation, the two supplied 'penlite' batteries (type AA) have to be placed. After the batteries have been placed, the remote control is ready for manual operation with flame height control. To save battery life, some time after the last key pressure, the display goes blank, unless the appliance is switched on.

### 4.3 Receiver

The receiver is located near the appliance.


#### 4.3.1 Setting the communication code

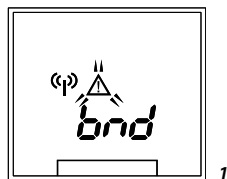
The remote control will only be able to communicate with the appliance after the remote control has been registered at the appliance.





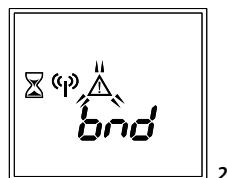
Make sure the voltage of the appliance is not switched off for longer than 5 minutes.



▶▶▶ If the remote control does not have the “BND” state, the following operations must be performed; Press the  key of the remote control for 10 seconds, then briefly press the same key a few times until the display (see fig. 1) appears.



▶▶▶ Briefly press the  and  keys simultaneously. The following display will appear (see fig. 2). As soon as logging on is finished, the start screen will appear. If logging on failed, a different screen will appear (see fig. 1).



**!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.

Unintended ignition of your appliance could be solved/prevented by:

- setting a new communication code between remote control and receiver
- closing 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.

## 5. Time and day



The time schedule of the remote control can only be used if the time has been set. The time and day can be set in the User Menu, see section 8.2 'Setting Time and Day'. The time representation, 12-hours or 24-hours, can be set in the Installation Menu, see section 9.1 'Choice 12- or 24-Hours Representation'.

## 6. Operation

The remote control is equipped with a display and four keys. Because of this the appliance can be easily operated and settings easily be adjusted.

There are two setting menus available:

- a User Menu (see chapter 8)
- an Installation Menu (see chapter 9)

Press key  for at least 2 seconds to select the 'User Menu', or keep key  pressed for ten seconds to select the 'Installation Menu'.



## 6.1 Manual Operation



Depending on the choice made in the 'User Menu', the temperature or the flame height can be controlled manually.

### 6.1.1 Flame height control

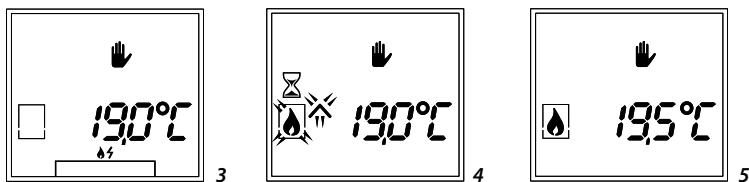
The appliance must be switched on and off manually.

### 6.1.2 Igniting the appliance

Press the  and  keys simultaneously for at least 2 seconds (see fig. 3).



The display shown in figure 4 appears. The symbols  and  are flashing to indicate the appliance is being ignited.

**!Caution** If you own a propane appliance, the following applies: wait 5 minutes after switching off the appliance before restarting it. The symbol for switching off will now flash for 5 minutes (see figure 7). After the 5 minutes have expired figure 3 will be displayed on the screen and you will be able to ignite the appliance again.



**!Caution** If the appliance does not ignite after two restarts and enters hard lockout, it may never be reset by disconnecting it from the power supply. Never use more than 3 attempts to ignite the appliance, as this could lead to an accumulation of gas within the appliance. Ask your dealer/installer what you should do.

**!Caution** If PowerVent is used, it will take at least 8 seconds before the appliance ignites.






The main burner will be ignited at 50%. The  symbol in the display disappears and the  symbol stops flashing. If a flame is detected, the appliance will switch to full capacity. The second burner is ignited (if applicable).



As soon as the appliance is ignited, the display shown in figure 5 appears. The flame height can now be set manually.


**!Tip** You will hear a 'click' sound before the second burner is ignited.

### 6.1.2.1 Switching the second burner on and off (if applicable)



The second burner can be switched on and off by means of a key combination on the remote control.







- Press the  and  keys simultaneously. The second burner will switch on.
  - Press the  and  keys simultaneously. The second burner will switch off.
- The main burner briefly goes in low mode and returns to the state prior to switching on the second burner.
- Press the  key once. The second burner will switch off.

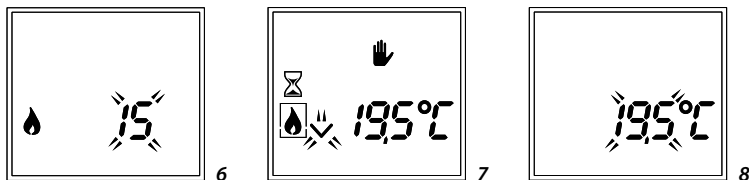
**!Caution** Press the  key twice, or press and hold the  key, the appliance will switch off completely.

The method described above will only be possible if the system is in 'manual mode'. This is shown by the  symbol in the remote control's display.

### 6.1.3 Setting the flame height



Press the  or  key once. The display shown in figure 6 becomes visible. The currently set flame height flashes.


-  Set the required flame height using the  and  keys. Depending on which key is pressed, the  or  symbol will be momentarily visible on the display. The flame height can be set between 1 and 15. The height of the flame is shown in the display: 1 (lowest position) and 15 (highest position). Wait a few seconds or press the  key to leave the menu.





**!Caution** The flame height can only be adjusted if the appliance is on.





### 6.1.4 Switching off the appliance

-  Press the  key, or press twice when the second burner is switched on also, to switch off the appliance.

The display shown in figure 7 appears. The  symbol flashes to indicate that the appliance is being switched off. After the appliance has been switched off, the default display is shown again.


## 6.2 Temperature control

The appliance is automatically switched on and off according to the heat demand. Press the  or  key once to set the required temperature. The display shown in figure 8 appears. The currently set temperature flashes.

➡ Set the required temperature using the  and  keys. Depending on which key is pressed, the  or  symbol will be momentarily visible on the display. The temperature can be set between 5.0 and 35.0 °C.


**!Caution** Make sure the remote control is in the same room as the appliance.


**!Caution** The remote control has a thermostat. Always place it on a set, draught-free location with no direct sunlight.




Wait a few seconds or press the  key to leave the menu.

### 6.2.1 Temporarily interrupting temperature control

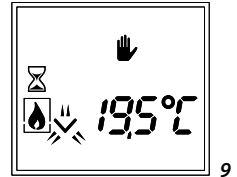
When temperature control is used, the appliance can temporarily be switched off.

➡ Press the  key once to switch off the appliance.

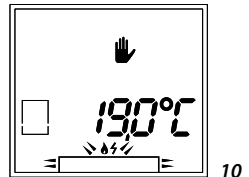
The display shown in figure 9 appears. The  symbol flashes to indicate that the appliance is being switched off. After the appliance is switched off, the display shown in figure 10 appears.

The  symbol flashes to indicate the appliance has to be ignited manually by pressing the  and  keys simultaneously.

When the appliance is ignited again, the temperature control becomes active



9



10

**!Caution** The temperature set point can not be changed during the temporarily temperature control interruption.

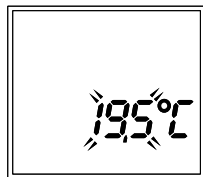
## 6.3 Alternative operation

In addition to your remote control, it is also possible to operate the fire in alternative ways. For example, via an application on your tablet.

For more information, please visit our website [www.drufire.com](http://www.drufire.com) or consult your dealer.

## 7. Time Schedule

The temperature is controlled according to the time schedule, see section 8.3 'Setting Time Schedule'. The appliance is fully automatically ignited and switched off.



11

### 7.1 Temporarily changing the temperature set point

The temperature set point of a time schedule period can temporarily be enhanced or lowered.

Press the or key once to set the temporarily required set point. The display shown in figure 11 appears.

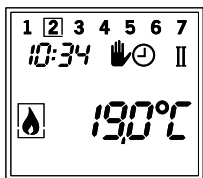
The currently set temperature flashes.

Set the temporarily required temperature set point by pressing the and keys. Depending on which key is pressed, the or symbol will be momentarily visible on the display.

Wait a few seconds or press the key to leave the menu.

The display (example) shown in figure 12 appears. The symbol indicates that the temperature set point has been adjusted manually.

The temporary adjustment can be undone by setting the manually adjusted set point back to the set point of the current time period. In case of a transition to a new time period, the temporary adjustment is cancelled automatically.



12

### 7.2 Temporarily interrupting the time schedule

In case of the use of a time schedule, the appliance can also be switched off temporarily.

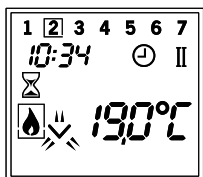
Press the key once if the appliance has been ignited.

The display (example) shown in figure 13 appears. The symbol flashes to indicate that the appliance is being switched off.

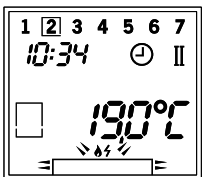
After the appliance is switched off, the display shown in figure 14 appears.

The symbol flashes to indicate that the appliance has to be ignited manually by pressing the and keys simultaneously.

When the appliance is ignited again, the time schedule becomes active again.



13



14

**!Caution** The temperature set point can not be changed when the time schedule is temporarily interrupted.

## 8. User Menu

The user menu consists of four screens providing the following functions:

- Screen 1: Eco wave
- Screen 2: Switch contact
- Screen 3: Extra power supply
- Screen 4: Adjusting the time

If you do not want to use a screen and its accompanying functions, you are able to switch it off. These functions will no longer be visible on your remote control.


**!Tip** At delivery, the remote control is set to manual operation. If you want to use the time schedule, you will have to set this in the installation menu (see chapter 9). In that case, these functions will be available to you, and you will find them in the fourth (and following) screen(s)/menu page(s) in the user menu. In this installation menu you will also be able to switch off the screens mentioned under chapter 8.

In the User Menu the following choices can be made:

- Manually with flame height control
- Manually with temperature control
- Time schedule (temperature control)

In the User Menu the following settings are available:

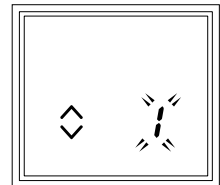
- Time
- Day of the week
- Time Schedule

**!Caution** The User Menu is left by pressing  key, or five seconds after the last key press.

### 8.1 Eco wave

The first screen in the user menu is the Wave function (see fig. 15). This function will allow you to vary the height of the flame picture automatically and continuously. In this way you will save energy, while enjoying a beautiful flame picture. With the remote control this function can only be switched on and off.




With the application there are many more options.



15

**!Tip** In order to be able to activate the Wave function, the appliance must be on!

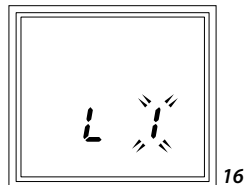
Proceed as follows:

- ➡ Go to the first screen of the User Menu. Hold down key  for 2 seconds.
- ➡ Switch the Wave function on or off using the arrows " ": 1 = on, 0 = off.

## 8.2 Switch contact (if applicable)

The second screen in the user menu is the switch contact (see fig. 16). This function allows you to operate a lamp from the fire's remote control. With the remote control this function can only be switched on and off.





With the application there are many more options.



16

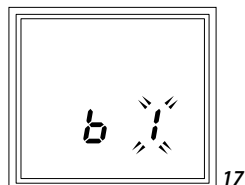
**!Tip** In order to be able to use this function, a lamp/Lux element will have to be connected!

Proceed as follows:

- ➡ Go to the second screen of the User Menu. Hold down the  key for 2 seconds and then briefly press the  key once more.
- ➡ Switch on the lamp/Lux element (max 230VAC) using the arrows " ": 1 = on, 0 = off.





## 8.3 Extra power supply (max. 80W, 230VAC) (if applicable)

The third screen in the user menu is the operation of the extra power supply with a maximum capacity of 80W, 230VAC (see fig. 17). For instance, this function allows you to operate a ventilator or light in the chimney breast with your remote control. This function can only be switched on and off.













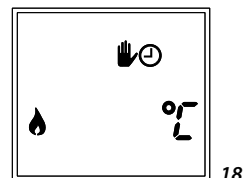
17

Proceed as follows:

- ➡ Go to the third screen of the User Menu. Hold down the  key for 2 seconds and then briefly press the  key twice.
- ➡ Switch on the extra power supply using the arrows " ": 1 = on, 0 = off.








## 8.4 Manually or Time Schedule

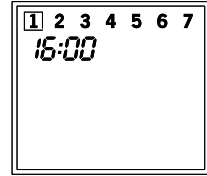
- ➡ Press the  key once. The display shown in figure 18 appears.  
A combination of two symbols flashes. There are three possible combinations:  
 +  : manually with flame height control  
 +  : manually with temperature control  
 +  : time schedule (temperature control)
- ➡ Press the  or  key to select the required combination.
- ➡ Wait a few seconds or press the  key to leave the menu.



18

## 8.5 Setting Time and Day

- Press the  key a few times until the display shown in figure 19 appears. The currently set time flashes.
- Press the  and  keys to set the correct time.
- Press the  key. The days of the week are flashing.
- Press the  and  keys to set the day of the week. The open square indicates the day selected.
- Wait a few seconds or press the  key to leave the menu.



19









**!Caution** The days of the week are not shown in case a 1 day time schedule has been chosen.

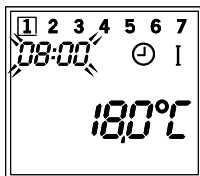
## 8.6 Setting the Time Schedule

Depending on the choices made in the Installation Menu, 1, 2 or 7 time schedules and II or IV time periods per day can be set.

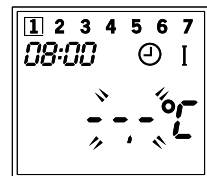
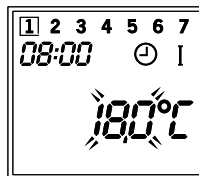
The setting of the time schedules is the same for all choices.

Setting a time schedule goes as follows:

- Press the  key a few times until the display shown in figure 20 appears. The begin time of time period I flashes.
  - Press the  and  keys to set the correct begin time.
  - Press the  key. The current temperature set point of time period I flashes.
  - Press the  and  keys to set the correct temperature for time period I.
  - Press the  key and repeat the steps above to set the required begin time and temperature set point for all periods and days.
- It is also possible to switch off the appliance during a set period of time.
- To do so, select --,- during the setting of the required temperature (see the figure with the example display 21).
  - Wait a few seconds or press the  key to leave the menu.



20




21




## 9. Installation Menu

Select the Installation menu as follows:


- ➡ If selected, leave the User Menu.
- ➡ Then keep the  key pressed for ten seconds.

In the Installation Menu the following choices can be made:





12- or 24-hours time representation

Time schedule (1, 5/2, 7days or )

Number of time periods per day (II, IV or VI)






**!Caution** The Installation Menu is left by pressing  key, or five seconds after the last key press.

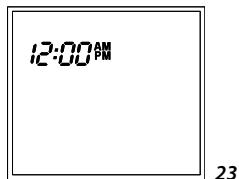
### 9.1 12- or 24-hours time representation


- ➡ Press the  key a few times, until the figure 22 or 23 appears. The current time display flashes.
- ➡ Press the  or  key to select the required time representation.
- ➡ Wait a few seconds or press the  key to leave the menu.

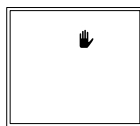
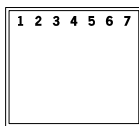
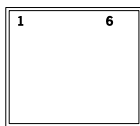
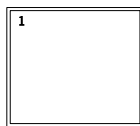


### 9.2 Time schedule (1, 5/2, 7days or )





- ➡ Press the  key a few times until one of the displays below is shown (see figures 24 to 27).
- ➡ Press the  or  key to select the required time schedule (1, 5/2, 7days or )
- Time schedule 5/2 is represented by the display showing 1..6.
- ➡ Wait a few seconds or press the  key to leave the menu.

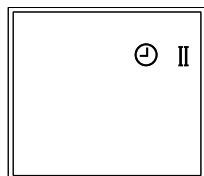


**!Caution** If  is chosen, this will mean that no time schedule is used. In this case, only manual operation with flame height control is possible.

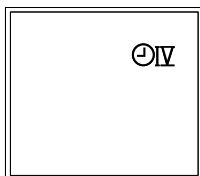


### 9.3 Day Time Periods (II, IV or VI)

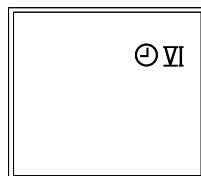
- ➡ Press the  key a few times until one of the displays below is shown (see figures 28 to 30). The currently set choice (digits) flashes.
- ➡ Press the  or  key to select the required number of time periods per day (II, IV or VI)
- ➡ Wait a few seconds or press the  key to leave the menu.



28






29





30

### 9.4 Optional settings Eco-wave, Switch contact and the extra power supply

- ➡ Press the  key a few times until one of the displays below is shown (see figures 15 to 17). The currently set choice (digits) flashes.
- ➡ Use the  or  key to select the required setting of the functions:
  - 0 = not available in menu
  - 1 = always off
  - 2 = always on
  - 3 = latest position.

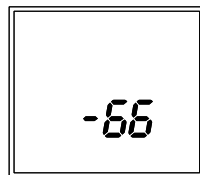
## 10. Receiving Sensitivity

- ➡ Press the  and  keys simultaneously. The display shown in figure 31 appears.

The RSSI (Receiver Signal Strength Indicator) values are shown.

RSSI: from -20 to -70 is good, from -80 to -100 is poor.


If needed, hold the remote control closer to the appliance in order to improve the reception



31

## 11. Replacing the Batteries

The remote control operates with two 'penlite' alkaline batteries (type AA).

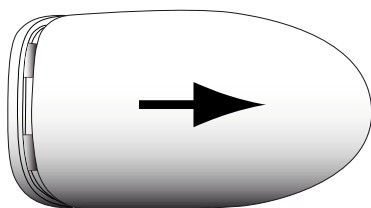
If the symbol  is shown flashing on the display, the batteries have to be replaced.

If the batteries are completely empty, the display will go blank. Therefore, replace the batteries of the remote control in time.

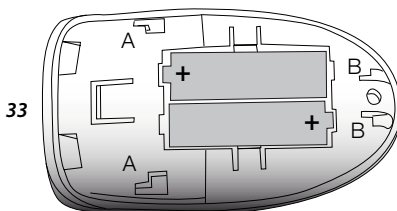
Replace the batteries as follows:

- ➡ Remove the back cover of the RF remote control by moving the back cover down a few millimetres (see figure 32) and then lifting up the back cover.
- ➡ Remove the old batteries from their holder.
- ➡ Place a new set of batteries in the holder as shown in figure 33.
- ➡ Replace the back cover of the remote control by placing the tabs A and B of the back cover (see fig. 34) in the according notches of the housing (see fig. 33).
- ➡ Push the back cover up to secure it.
- ➡ The current time and day of the week must be set again after replacement of the batteries. However, this is only necessary in case a time schedule is used.

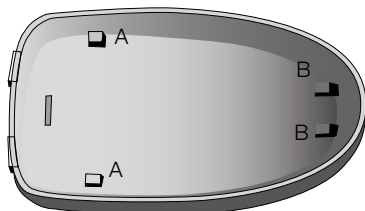
**!Caution** Do not throw empty batteries away but dispose of them as chemical waste.



32



33




34

## 12. Troubleshooter

The displays in figure 35 to 37 indicate possible malfunction situations.


*Communication failure between remote control and appliance* (see fig. 35).

The  symbol flashes.

The distance between the appliance and the remote control is probably too large. Hold the remote control nearer to the appliance.


*Malfunction of the appliance* (see fig. 36).

The display shows an F, followed by a 2-digit malfunction code.

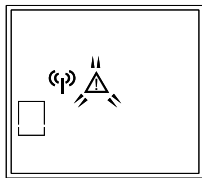
The  symbol flashes.

**!Caution** The appliance should not be used, please contact your installer.

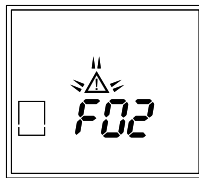
*A so called lock-out malfunction of the appliance* (see fig. 37).

The display shows an F, followed by a 2-digit malfunction code. The text reset indicates that the appliance can be reset. The  symbol flashes.

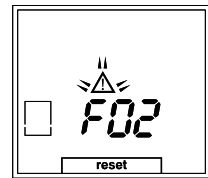
In case of error message Fo1, you will be able to ignite the appliance 3x in a row, maximum. Then, Foo will be shown on the display, and no ignition can take place for 30 minutes.



35



36



37

## 13. 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 case of a broken or torn glass pane, do not use the appliance and close the gas tap. Have the glass pane replaced immediately.
  - 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.
  - Unpainted SS tubes can be cleaned with water, a soft cloth and possibly a mild detergent. Aggressive detergents (e.g. chlorinated or abrasive) can lead to rust stains or dull spots.

### 13.1 Cleaning the glass pane

Some appliances are easy to open in order to clean the inside of the glass pane(s). These appliances have a glass pane frame that can be tilted towards the front (see sections 13.1.1 and 13.1.2).

During production, transport and installation it is possible that products end up on the glass pane(s) that could burn into the glass. For that reason, it is important that glass panes are cleaned correctly before the appliance is ignited.

- ▢▢▢▢ Before using the appliance for the first time, clean the glass pane(s) on both sides using the DRU spray (1) followed by the DRU glass pane cleaner (2). (see user instruction DRU spray (1) and DRU glass pane cleaner (2))

When igniting for the first time, combustion products are released from the appliance that could cause a white deposit on the glass pane(s). Take the following steps to prevent this deposit from burning into the glass:

- ▢▢▢▢ Clean the glass pane(s) once more, on both sides, using the DRU glass pane cleaner (2) (see user manual DRU glass pane cleaner (2))

Gas contains certain components in varying concentrations, that could also cause a white deposit on the glass pane(s). This cannot be prevented and DRU is unable to accept responsibility for this.

- ▢▢▢▢ Regularly and whenever contamination is visible, clean the glass pane(s) on both sides, with DRU glass pane cleaner (2) (see user manual DRU glass pane cleaner (2))

- !Caution**
- Avoid damage to the glass pane(s).
  - Avoid/remove fingerprints on the glass pane(s), since otherwise they will burn into the surface.
  - Only use the DRU detergent.
  - Only use a microfibre cloth. Other materials such as (kitchen) paper, steel wool, etc. may cause scratches and damage the coating in case of anti-reflective glass pane(s).
  - Use cotton gloves during the cleaning process in order to prevent the introduction of new fingerprints.
  - Regularly remove accumulated dirt, as it can burn into the glass.

### User manual DRU spray (1)

- ▮▮▮▮▮ Apply the DRU spray (1) directly on the glass pane.
- ▮▮▮▮▮ Then wipe the glass pane with a microfibre cloth until it is fully clean and dry.

### User manual DRU glass pane cleaner (2)

- ▮▮▮▮▮ Shake well prior to use.
- ▮▮▮▮▮ Apply a limited amount of DRU glass pane cleaner to a slightly moist microfibre cloth.

**!Caution** The cloth should not be too wet!

- ▮▮▮▮▮ Rub DRU glass pane cleaner over the entire glass pane(s).
- ▮▮▮▮▮ Fully dry the glass pane with a dry microfibre cloth after a few minutes.
- ▮▮▮▮▮ In case of stubborn deposits, repeat the above procedure. If necessary, exert more pressure to remove the contamination.

### 13.1.1 Opening the pane frame (if applicable)

In order to open the pane frame, please take the following steps (see fig. 38):

**!Caution** In the Tunnel version of the appliance, the glass pane's tilting mechanism is located on just one side of the appliance. Check on which side of the appliance the tilting mechanism is located.

- ▮▮▮▮▮ Loosen the bolt (T) in the lock bracket (U) by 3 turns (see fig. 38 (1)).
- ▮▮▮▮▮ Turn the lock bracket (U) to the left by a quarter turn. This will unlock the handle (X), by means of which the frame can be opened.
- ▮▮▮▮▮ Use your index fingers to pull the handle (X) down and slide the handle 180° to the right along the bottom (see fig. 38 (2 and 3)).

**!Caution** Push down the pane frame while sliding the handle (X) to the right. This will prevent the glass pane from falling forwards and getting damaged.

- ➡ Pull the pane frame towards the front with the two lips located at the left and right top side of the frame, until you are unable to pull them any further (see fig. 39).
- ➡ The pane frame has now been opened. Now it will be easy to clean the glass pane.

### 13.1.2 Closing the pane frame (if applicable)

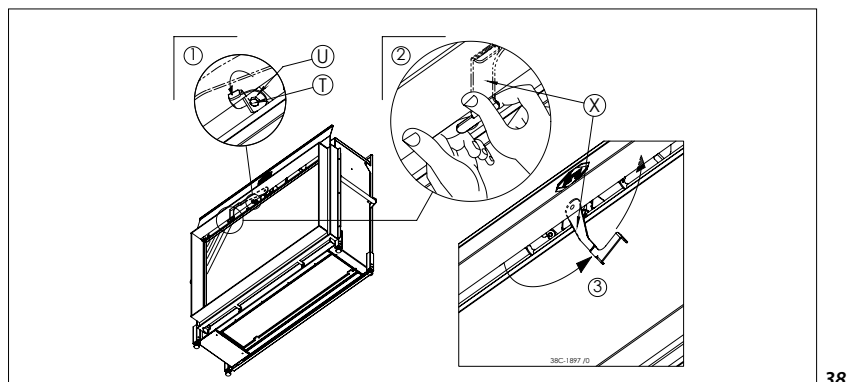
The pane frame is closed by using the above procedure in reverse order.

Pay attention to the following when closing the glass pane:

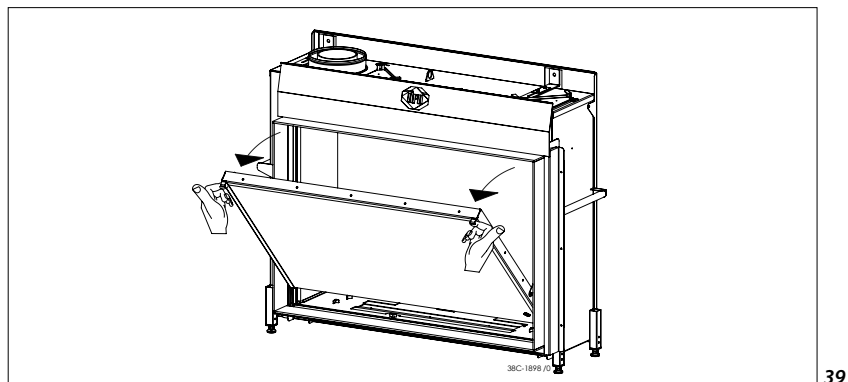
- ➡ Make sure that the pane frame is placed in the left and right grooves.

**!Caution** You must push down the frame before you will be able to slide the handle to the left again. Otherwise, the projections will not fall over the glass pane, as a result which it is not properly fixed.

- ➡ Turn the lock bracket (U) back to its position and re-tighten the bolt (T).



38



39

## 14. Environment

### 14.1 General

Packaging materials must be disposed of in accordance with the regulations. Batteries are considered as small chemical waste and should be placed in special containers.

### 14.2 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.

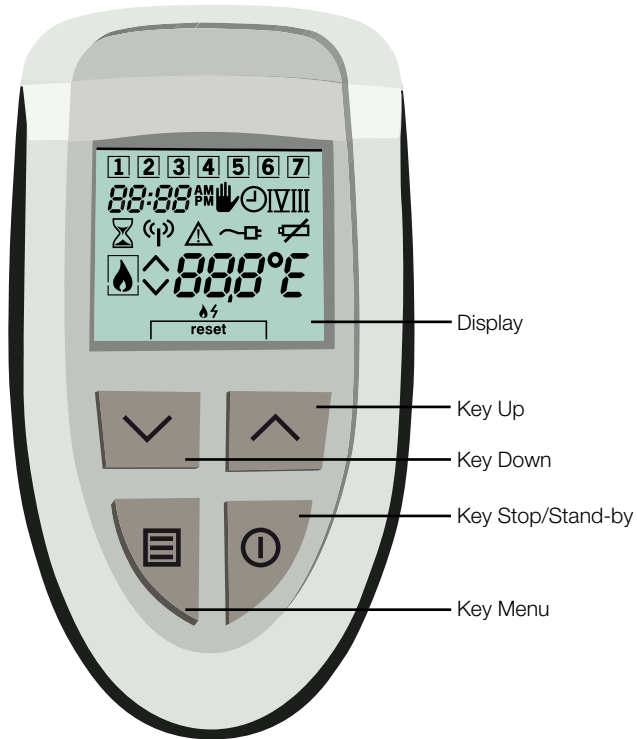
- ➡ Remove the appliance;
- ➡ Do not place the appliance with unsorted waste, but bring it to a recognized collection point;
- ➡ Contact your council for information on available delivery and collection systems.
















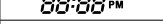


## 15. Warranty

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





## Appendix 1: Display and keys









## Appendix 2: Display

	Manual operation.
	Time schedule active.
	Active time period.
	Closed (left) or open fire place type (right).
	Decorative fire is on.
	Decorative fire can be ignited.
	Fault of decorative fire can be reset.
	Burner off/setting down (left), burner on/setting up (right).
	Busy (for instance while decorative fire is been ignited).
	Fault.
	RF-communication.
	Batteries are almost empty (symbol flashes).
	Time representation (24-hours or 12-hours).
	Days of the week. Square indicates actual day.
	Temperature representation.
	Temperature sensor(s) are defect.






### Keys

	Enhance setting or change selection.
	Lower setting or change selection.
	Choose menu and menu selection.
	Stop setting menu or go to stand-by.



## Register Remote control

- Make sure the appliance voltage is not switched on longer than 5 minutes.
- Place the batteries in the remote control and press  and  simultaneously.
- If the remote control is not on "bnd", proceed as follows.
- Apply and remove voltage.
- Press  approx. 10 seconds until **24:00** starts to flash.
- Repeatedly press  until "bnd" appears.
- Press  and  simultaneously.



## Time setting

- Press  for 2 seconds until **o** starts to flash.
- Repeatedly press  until you see the time flashing.
- Use   to adjust the time.
- Leave menu via .












## Ignition

- Press  and  simultaneously.

## Switching off (2nd burner)








- Press  once, 2nd burner (if present) will extinguish.
- Quickly press  twice, burner will fully extinguish.

## Manually adjust flame height (in °C)

- Press  approx. 10 seconds until **24:00** starts to flash.
- Press  1x, flashing hand  appears.
- Press  1x, number 1 flashes.
- Leave menu via .
- Press  approx. 3 seconds until display starts to flash.
- Press  3x, right image appears in display.
- Make  + °C flash using  and .
- Leave menu with .



## Manually adjust flame height (pos. 1-15)





- Press  approx. 3 seconds until display starts to flash.
- Now press  3x, right image appears in display.
- Make  +  flash using  and .
- Leave menu via .








## Activating 2nd burner (if present)

- Press  en  simultaneously.






## Activating Eco.Wave

- Press  approx. 3 seconds until display starts to flash.
- Turn flashing **o** into 1 using  and .
- Leave menu via .

## Activating switch contact (if applicable)

- Press  approx. 3 seconds until display starts to flash.
- Now press  1x, **L o** appears.
- Turn flashing **o** into 1 using  and .
- Leave menu via .

## Switching on extra power supply (if applicable)

- Press  approx. 3 seconds until display starts to flash.
- Now press  2x, **B o** appears.
- Turn flashing **o** into 1 using  and .
- Leave menu via .