Planet Dewy
90 A - 110 A

User instructions

The code of practice for the installation, commissioning & servicing for central heating systems
VERY IMPORTANT!

PLEASE MAKE SURE YOUR LOG BOOK ENCLOSED IS FILLED IN CORRECTLY.
ALL CORGI REGISTERED INSTALLERS CARRY A CORGI ID CARD.
BOTH SHOULD BE RECORDED IN YOUR CENTRAL HEATING LOG BOOK.
YOU CAN CHECK YOUR INSTALLER IS CORGI REGISTERED
BY CALLING ON 01256 372300
**USER INSTRUCTIONS**

**WARNINGS**

- In case of fault and/or incorrect equipment operation, deactivate it, without making any repairs or taking any direct action. Contact an authorised technical staff.
- The installation of the boiler and any servicing or maintenance job must be carried out by qualified personnel. Under no circumstances, the devices sealed by the manufacturer can be tampered with.
- It is absolutely prohibited to block the intake grilles and the aeration opening of the room where the equipment is installed.

**LIGHTING AND OPERATION**

**BOILER IGNITION (fig. 1)**

Open the gas valve, lower the control panel cover and activate the boiler by rotating the selector knob to the summer position ( ). The lighting-up of the green led ( ) will indicate that the apparatus is switched-on and ready.

- With the rotary switch in the summer position ( ) the boiler will start-up upon demand for domestic hot water, and run at full power to reach the selected temperature. The gas feeding pressure will then automatically vary to ensure that the required temperature is kept constant.
- With the rotary switch in the winter position ( ) once the boiler has reached the value set on the heating potentiometer; it will start to modulate in automatically in order to supply the required power output to the system.

The operation of the boiler will be stopped through the intervention of the thermostat or “Logica Remote Control”.

**TIME-CLOCK INSTRUCTIONS**

**Setting the time**

Turn the clock dial in a clockwise direction until it reads the time of the day.

**Program setting**

Press inwards the segments on the program disk corresponding to the selected switching periods.

- **Function 1**: segment set outwards [C.H. “ON”]
- **Function 2**: segment set inwards [C.H. “OFF”]
- **Manual override**
  - 0 = “OFF” permanently
  - ⑪ = automatic programmed operation
  - 1 = “ON” permanently

**Programming characteristics**

- Cycle: 24 hour
- Number of actions per cycle: 96
- Program time per segment: 15 min.
- Min. interval between two actions: 15 min.

**TEMPERATURES ADJUSTMENT (fig. 2)**

- The D.H.W. temperature can be adjusted by turning the knob of the D.H.W. potentiometer ( ). When there is a demand for hot water, the set temperature is displayed on the red led scale from 35÷80°C and the yellow domestic hot water led lights up at the same time ( ).
- The C.H. temperature can be adjusted by turning the knob of the C.H. potentiometer ( ). The set temperature is indicated on the red led scale from 35÷80°C and the yellow heating led lights up at the same time ( ). To ensure optimal boiler efficiency at all times, we recommend not to drop below a minimum working temperature of 50°C.

**TURNING OFF BOILER (fig. 1)**

To turn off the boiler set the switch to
“OFF” and close the gas-feeding pipe tap if the boiler remains inoperative for a long period

CLEANING AND MAINTENANCE

It is advisable that the boiler is serviced after 12 months of operation.

Preventative maintenance and checking of the efficient operation of the equipment and safety devices must be carried out by C.O.R.G.I. registered engineers.

The boiler is supplied with an electric cable. Should this require replacement, contact an authorized technical staff.

FAULT FINDING

- Ignition lock-out (fig. 3)
  If the burners do not ignite, the red led will light-up ( ).
  To attempt a boiler restart, rotate the selector knob to position ( ) and release it immediately, placing it in the summer ( ) or winter ( ) operation position.
  If the boiler lock-out re-occurs, contact an authorised technical staff.

- Insufficient water pressure (fig. 4)
  If the red “0.5” bar led starts flashing, the boiler will not function, to restart the operation the system must be recharged, ask your installer to point out the filling loop and recharge the system until the green 1 bar led lights up.
  If all the leds are off, call the technical Help Desk.
- **Safety thermostat trip (fig. 5)**

If the safety thermostat trips, the red “35°C” led will start flashing. In order to attempt a boiler restart, rotate the selector knob to position ( ) and release immediately, returning it to the summer ( ) or winter ( ) position. If the boiler lock-out occurs again, call authorised technical staff.

- **Other anomalies (fig. 6)**

If one of the red “40÷80°C” leds start flashing, switch-off the boiler and try again. After 2 or 3 unsuccessful attempts, do not try again, call the technical helpdesk.

---

**LOGICA REMOTE CONTROL**

With selector CR/OFF/EST/INV/RESET of the “PLANET DEWY 90 A-110 A” control panel in position ( ) all the functions are managed by the “Logica Remote Control” regulator. The operating instructions are reported inside the cover (fig. 7). Each setting or modification is displayed (fig. 8).

---

**Fig. 5**

**Fig. 6**

**Fig. 7**

**Fig. 8**
If your house is too warm or too cold, you can easily correct the set temperature by adjusting the temperature knob.

Before re-correcting, allow the temperature to stabilise.

**Note:** The temperature knob can only be used to correct the set temperature, while the reduced temperature remains unaltered.
- Presence button

If the rooms remain unused for long periods of time, you can reduce the temperature with the presence button, thus saving energy. When the rooms are occupied, they can be heated by re-pressing the presence button. The current selection is shown on the display:

- Heating to the set temperature
- Heating to the reduced temperature

**NOTE:**
The current selection becomes permanent in manual mode, in automatic mode it only lasts until the next heating programme switches in.

**PROGRAMMING**

When programming, the regulator panel must be open.

You can set or display the following values:

- Temperature
- Heating programme
- Day of the week and time
- Current values
- Holiday length
- Return to default values

![Linea programma and Valore](image)

As soon as the cover is opened, the display and the functions of the buttons are switched. The number in the box indicates the programme line and can be selected using the arrow buttons.

- Temperature control

Before correcting the temperature on the regulator, the thermostatic valve temperatures (if provided) must be set to the required temperature first.

In automatic mode, the apparatus switches between the set temperature and the reduced temperature according to the timer programme. The switch-over of the temperatures in manual mode is performed manually with the presence button.

1. **Set temperature:**
   - Temperature during occupation of the rooms (basic setting).

2. **Reduced temperature:**
   - Temperature during periods of absence or at night.

3. **Domestic hot water temperature:**
   - Temperature required for domestic hot water.

- Heating/domestic hot water programme

The heating programme can be used to pre-set the temperature switch-over times for one week. The weekly programme consists of 7 daily programmes. One day programme allows three heating phases to be set-up. Each phase is defined by a start and finish time. Day programme n.8 is for domestic hot water (for setting by the heating engineer only). If one of the phases is not necessary, enter the same start and finish times.
Select the day required for the heating phases (1 = Monday... 7 = Sunday/8 = domestic hot water programme)

Start of phase 1: heating in set mode
End of phase 1: heating in reduced mode
Start of phase 2: heating in reduced mode
End of phase 2: heating in reduced mode
Start of phase 3: heating in reduced mode
End of phase 3: heating in reduced mode

Copying a day programme

Press this button to copy the current heating programme to the next day.

Press this button to copy the current heating programme to the previous day.

The next day is displayed as confirmation.

- Setting the time

To set the day of the week (1 = Monday / 7 = Sunday).

Setting the hour:

Setting the minutes.

The setting of the time will change when a full hour is reached.

The current time is adjusted with and keeping these buttons pressed will accelerate the adjustment.

- Current values

Display and setting of the slope of the characteristic heating curve. Choose a gradient indicated at point 2.10.3 when the imposed room temperature is not reached.

Display of the current temperature in the boiler.

Display of the current burner power and operating mode (heating / domestic hot water)

- Holiday function

For setting the number of days of absence.

The holiday symbol ( ), will appear on the display, the start day on the left (1 = Monday / 7 = Sunday) and the number of holiday days on the right.

NOTE:

During the holiday period, the regulator will switch to availability mode.

When the set days have passed, the regulator will switch to automatic operation mode.

The holiday function can be cancelled by pressing one of the operating mode buttons.
To return the settings to their default values, press buttons \(+\) and \(-\) simultaneously for at least 3 seconds. A symbol will appear on the display as confirmation.

**WARNING**
The values in the following lines previously entered will be lost.

- Temperature and time programme up to 10
- Holiday duration

**Error display**

**Ignition lock-out**
Rotate selector CR/OFF/EST/INV/RESET on the "PLANET DEWY 90 A-110 A" control panel to the release position (\(\uparrow\)) to reset operation (fig. 3).

If the lock-out re-occurs, call authorised technical staff.

**Safety thermostat trip**
Rotate selector CR/OFF/EST/INV/RESET on the "PLANET DEWY 90 A-110 A" control panel to the release position (\(\uparrow\)) to reset operation (fig. 5).

If the lock-out re-occurs, call authorised technical staff.

**Domestic hot water sensor fault (SS)**
Call authorised technical staff.

**Heating sensor fault (SM)**
Call authorised technical staff.

**Insufficient water pressure**
Reset operation using the boiler charge valve (fig. 4).

**Plant overpressure**
Call authorised technical staff.

**Safety thermostat trips**
Call authorised technical staff.

**Ventilator**
Call authorised technical staff.

**No communication between the "Logica Remote Control" and the boiler.**
Call authorised technical staff.