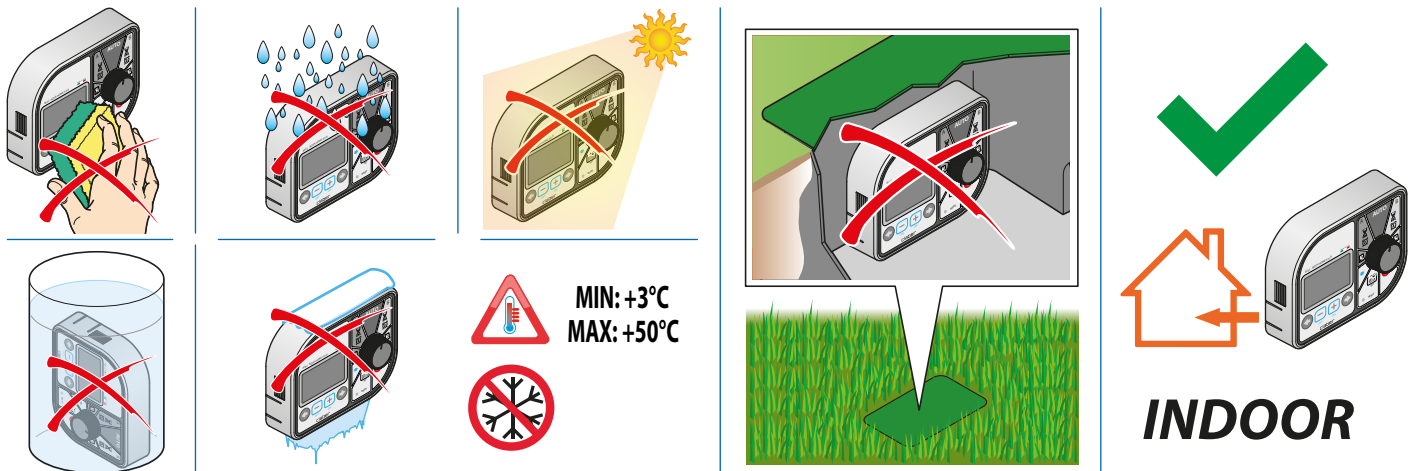


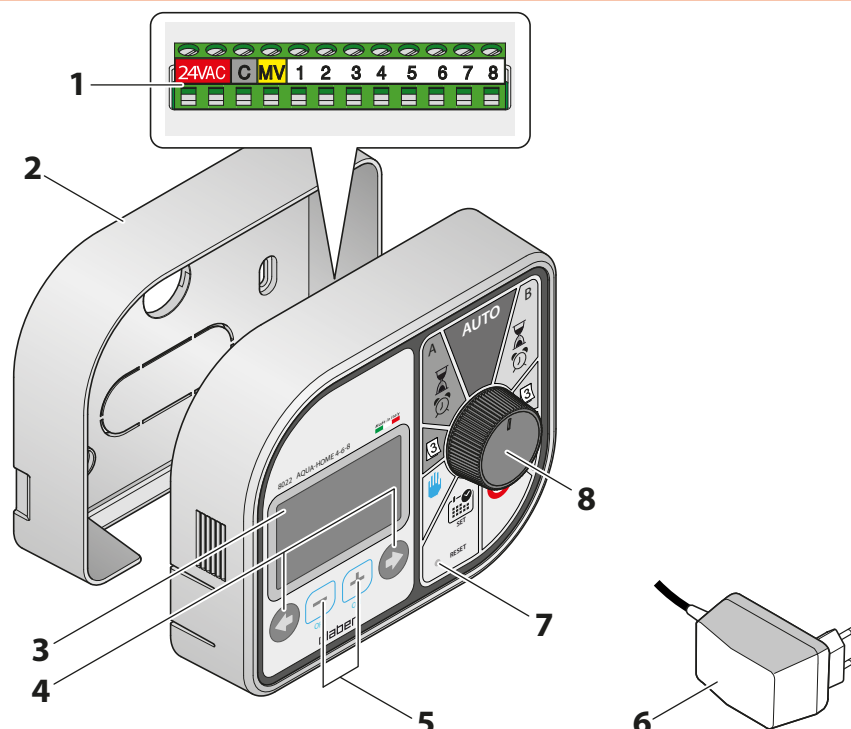
WARNING. The appliance can be used by children aged 8 years and above, by people with reduced physical, sensory or mental capabilities, or by people lacking the experience or knowledge needed, provided that they are supervised or have received instructions relative to the safe use of the appliance and that they understand the inherent dangers. Children must not play with the appliance. Cleaning and maintenance to be implemented by the user must not be carried out by children without supervision. The electrical system must be set up by qualified personnel in compliance with current legal regulations and standards. When performing device installation or maintenance operations, cut-off the electrical power supply by disconnecting the external transformer from the power socket. The Manufacturer shall not be held responsible if the information provided above is not observed. The solenoid valves are powered with 24 VAC and are classified as SELV low voltage. A fixed system that complies with current standards and laws must also be created for the electrical solenoid valve connections. It is good policy - when the water timer is put into operation for the first time - to make certain that the programmes run correctly.



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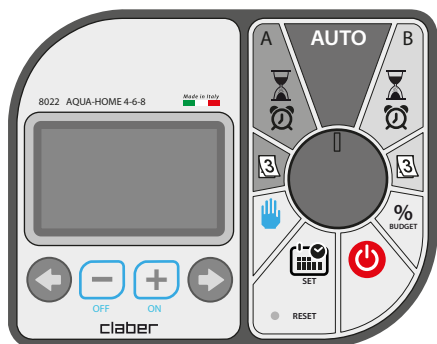
DESCRIPTION

1) Connection terminal board, **2)** Back casing, **3)** Liquid Crystal Display, **4)** Screen scroll buttons, **5)** Change settings buttons, **6)** Transformer, **7)** Reset button, **8)** Settings selection dial.



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DESCRIPTION OF BUTTONS AND DIAL ICONS



Screen scroll buttons

Change settings buttons
OFF ON

Automatic watering programmed

Timer settings
SET

Semi-automatic or manual irrigation

Budget setting
BUDGET

Timer STOPPED. No irrigation

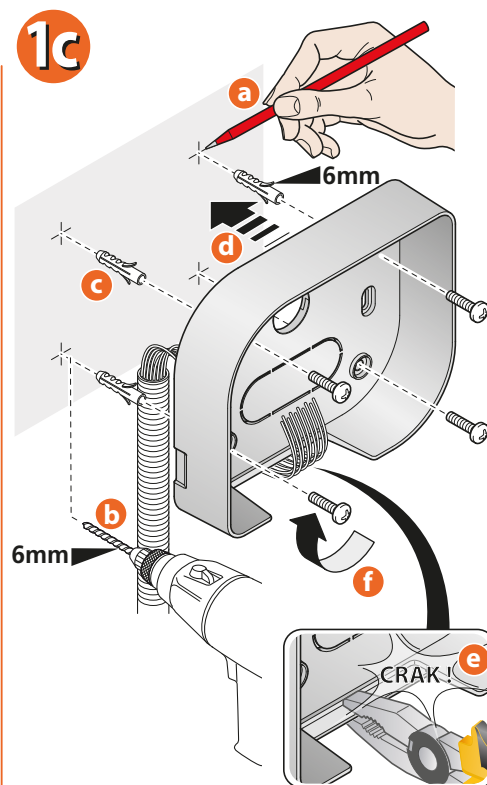
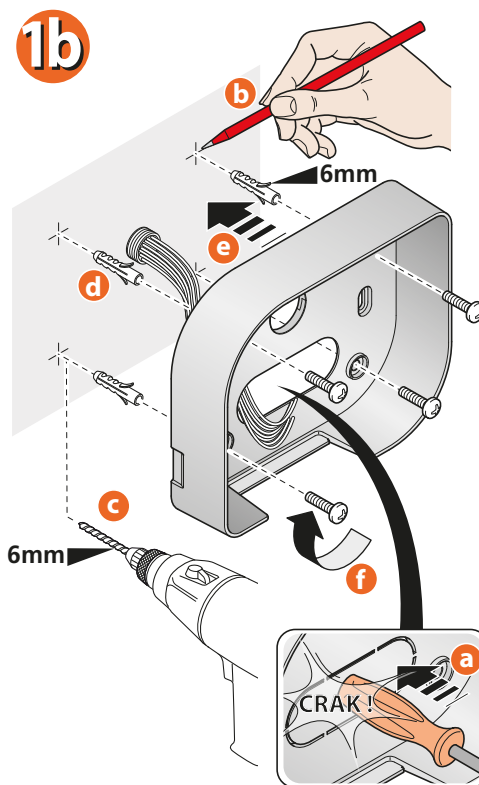
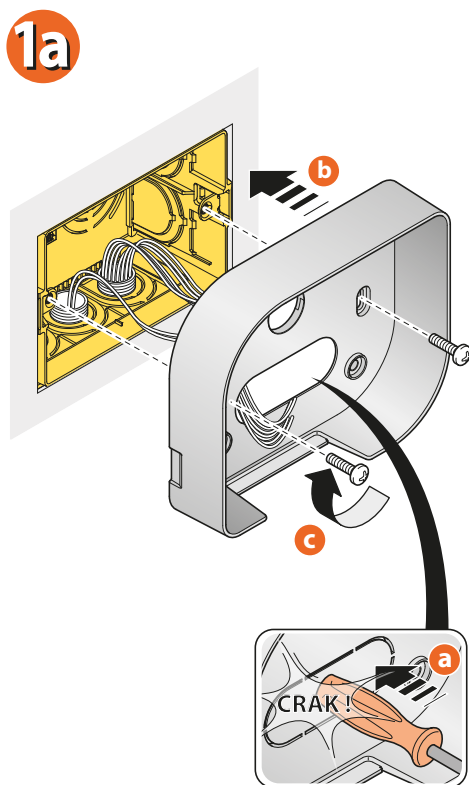
RESET Timer reset when locked

A
 Run Time Prog. A
 Start Time Prog. A
 When to water Prog. A

B
 Run Time Prog. B
 Start Time Prog. B
 When to water Prog. B

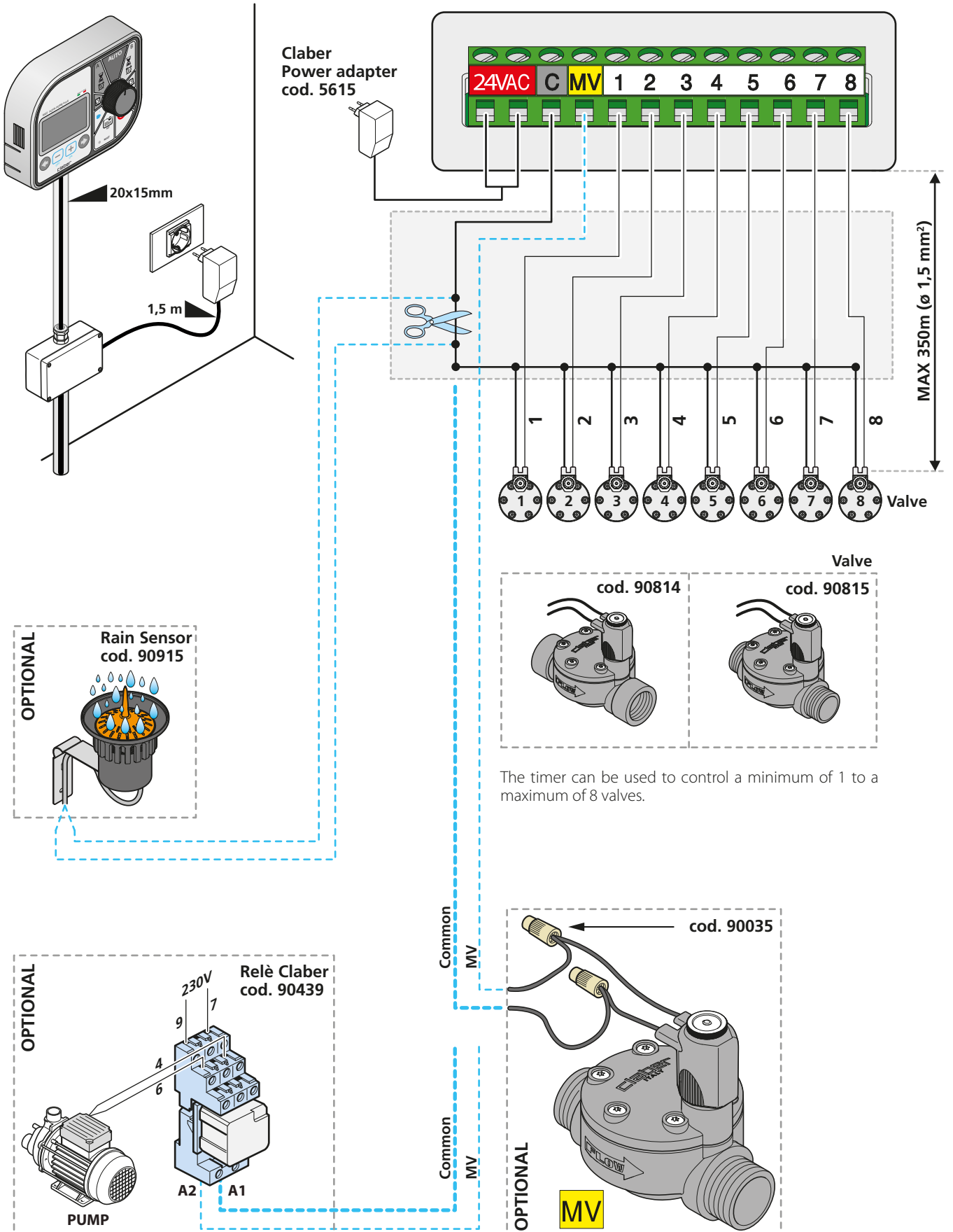
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INSTALLATION. The timer casing can be fixed to the wall in three different ways.




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ELECTRICAL CONNECTION.



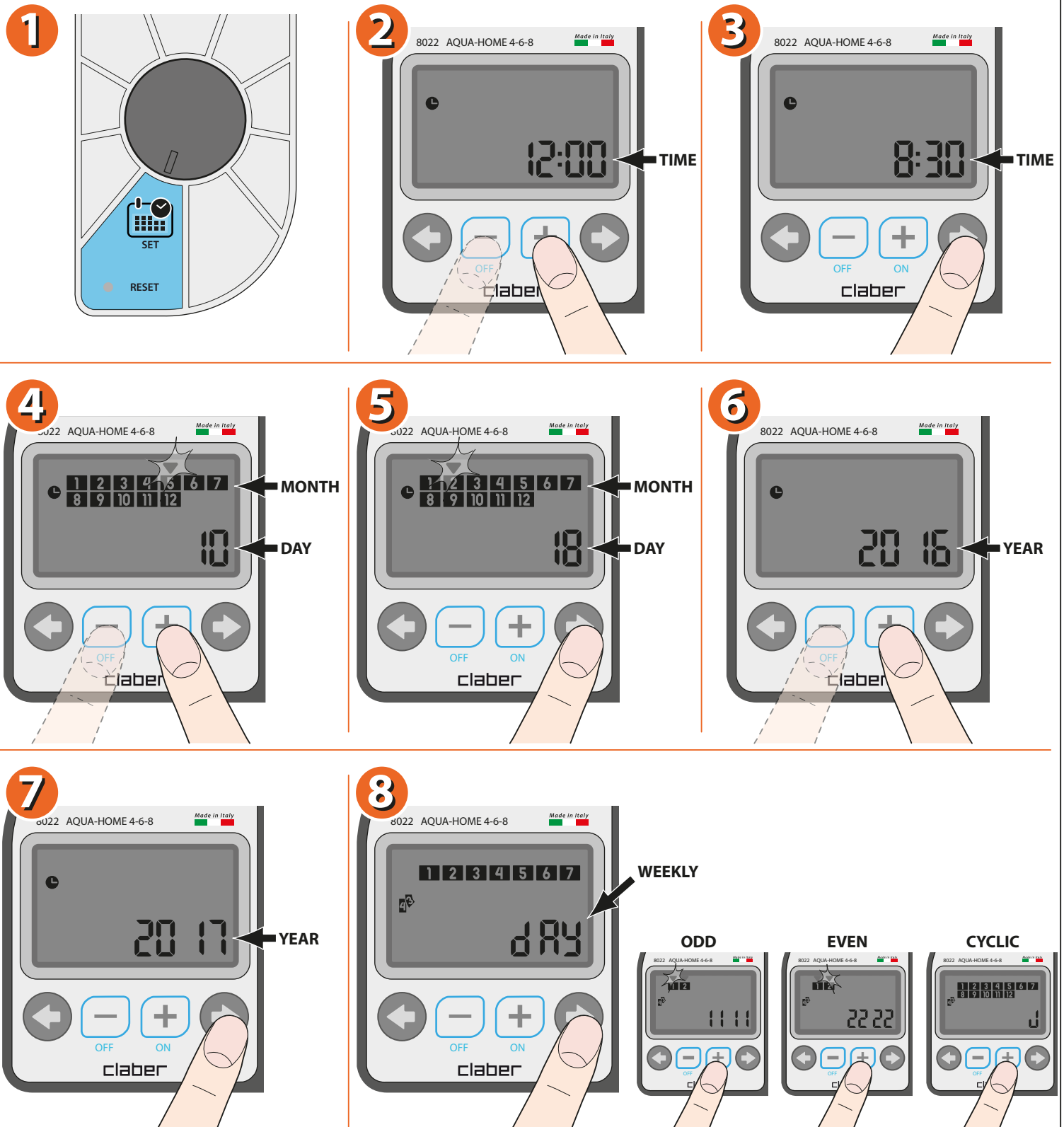
The timer can be used to control a minimum of 1 to a maximum of 8 valves.


It can be used either the relay or the MV.


INITIAL CONFIGURATION. Turn the dial to the  icon (1).
SET


⌚ Setting the date and time (2-7). The first 3 settings screens you see are for setting the current date and time. Use the - and + buttons to modify the values.


📅 Setting when to irrigate (8). The last settings screen is used to set how frequently you want to irrigate. Use the - and + buttons to modify the values.
After this last screen, you return to the first 2.



PROGRAMMING. Turn the dial to the  icon for program **A** or **B** (❶).

 **Set the irrigation duration (❷-❹).** The opening time can be set for each connected valve. The valves are opened in sequence from **1** to **8**. Use the - and + buttons to modify the values. To keep a valve close, set it to **OFF**. Every valve is pre-set to a default opening time of **10 minutes**.

 **Master Valve (❺).** This should be activated if you only want to irrigate on demand. It is set to **ON** by default.

 **Setting the irrigation start times (❻-❸).** Up to **4** daily start times can be programmed for each irrigation cycle. Use the - and + buttons to modify the values. The first start time is pre-set to **7:00**, and the others are set to **OFF**. If you do not want to use one of the starts, set it to **OFF**. After this last screen, you return to the first ❷.

Proceed by choosing/modifying when to irrigate. Then, turn the dial to **AUTO**.

❶ Turn the dial to the **A** or **B** icon.

❷ The display shows **A** and **0:10**. The **OFF** button is highlighted.

❸ The display shows **A** and **0:30**. The **ON** button is highlighted. **... 2 ... 8**

❹ The display shows **A** and **0:20**. The **ON** button is highlighted.

❺ The display shows **A** and **On**. The **ON** button is highlighted. **OFF** button is also shown in a separate view.

❻ The display shows **A** and **7:00**. The **ON** button is highlighted.

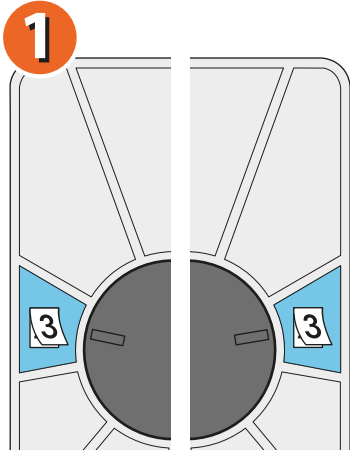
❼ The display shows **A** and **5:30**. The **ON** button is highlighted. **... 2 ... 4**

❸ The display shows **A** and **OFF**. The **ON** button is highlighted.

PROGRAMMING. Turn the dial to the **4** icon for program **A** or **B**.

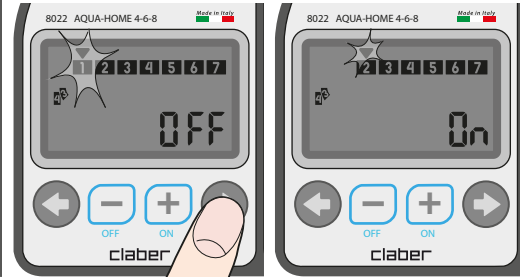
When to water. Depending on the choice made during the initial set-up (**weekly programming/ odd-day programming/ even-day programming/ cyclical programming**), the relevant programming screens are shown.

Then, turn the dial to **AUTO**.



WEEKLY PROGRAMMING

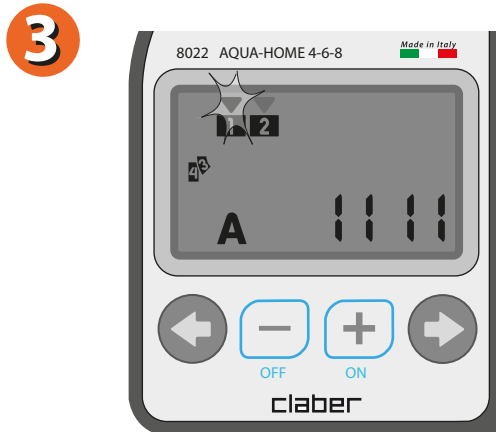
ON on activated day, OFF on deactivated day



- 1** Sunday
- 2** Monday
- 3** Tuesday
- 4** Wednesday
- 5** Thursday
- 6** Friday
- 7** Saturday

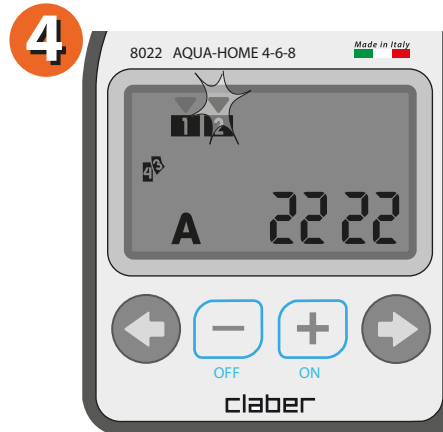
Off On ... **2** ... **7**

WATERING ONLY ON ODD DAYS



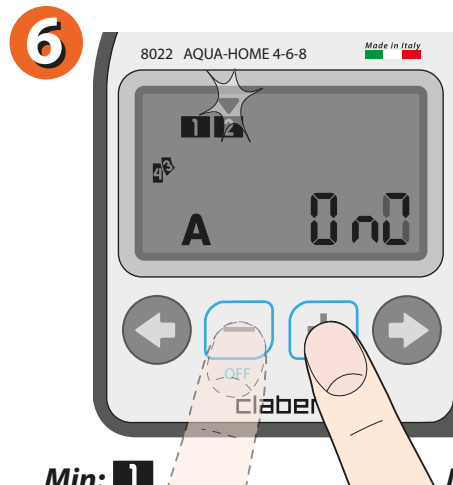
Watering only on odd days

WATERING ONLY ON EVEN DAYS



Watering only on even days

CYCLIC PROGRAMMING



Cyclic programming repeats programmes **A** or **B** based on the number of set days

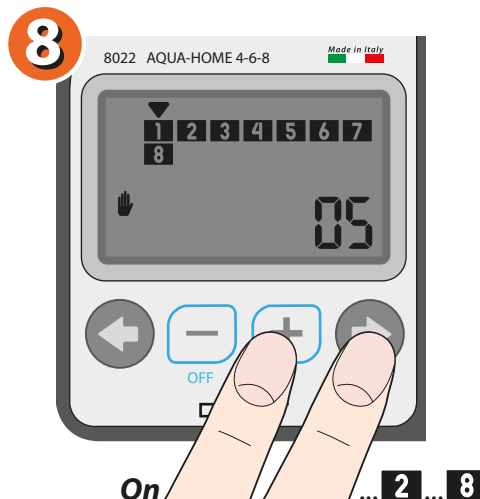
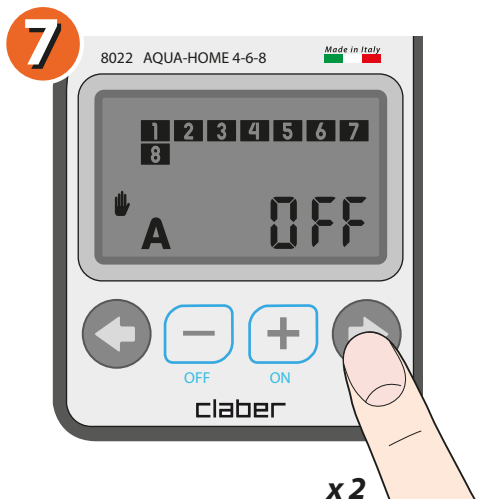
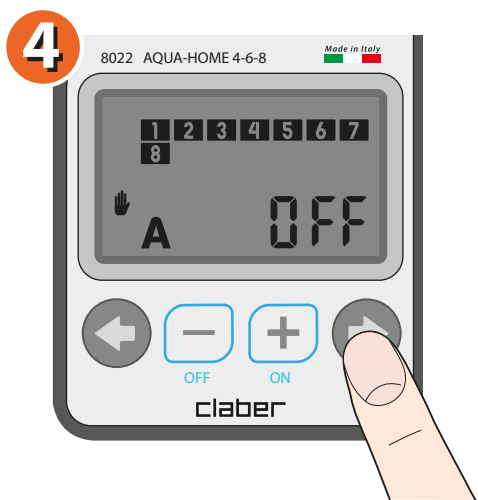
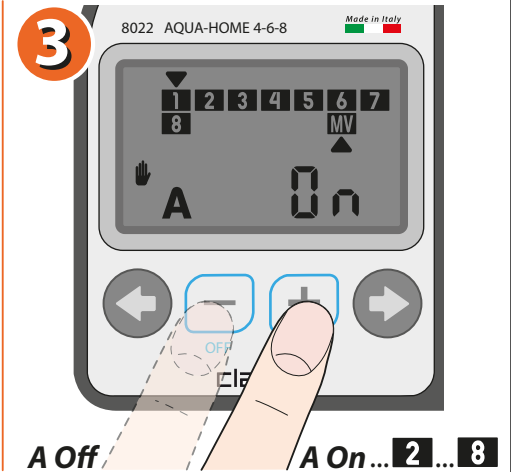
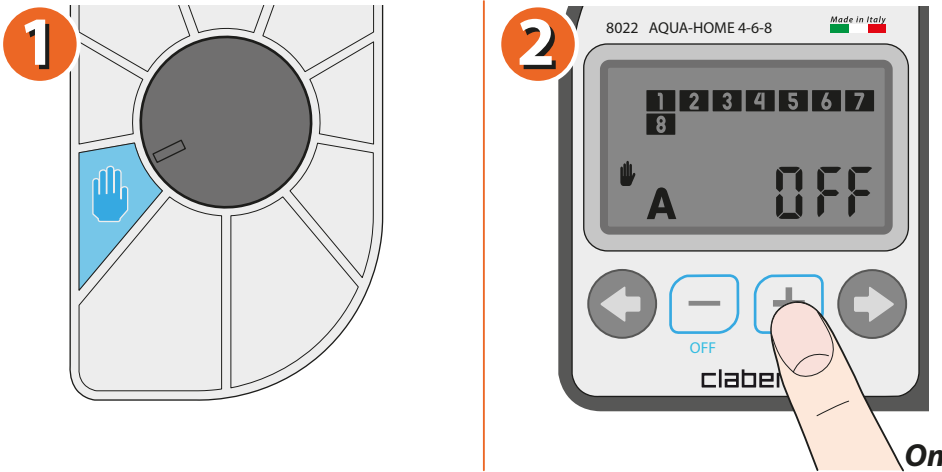
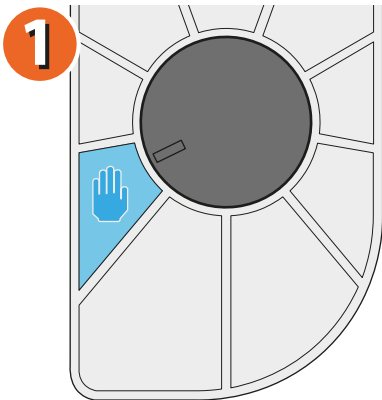
Min: **1** Max: **12**

SEMI-AUTOMATIC IRRIGATION. Turn the dial to the  icon.

Semi-automatic irrigation (2-3). By selecting this option, an irrigation cycle previously set under program **A** or **B** starts at any time. The numbers of the valves for which an opening time has been set will appear and open in sequence, irrigating for the set number of minutes. If, while a valve is operating, you want to move to the next valve without waiting for the set time to be up, simply press **+**. Program **A** is offered first; should you wish to run the valve opening times as set under program **B**, press the right arrow (**4-6**).

Both programs are started by pressing **+** and can be interrupted at any time by pressing **-**.

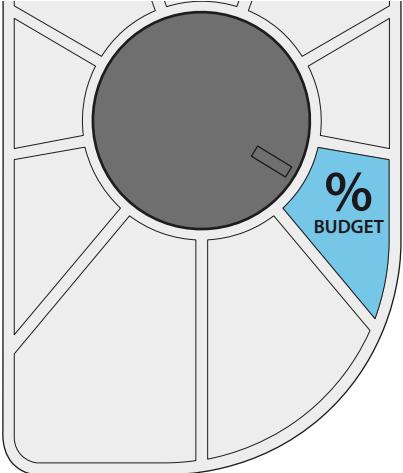
Manual irrigation (7-9). From the first screen, press the right arrow **twice**. The opening time for each valve is pre-set to **5 minutes**. Use the right arrow again to move to the valve you want to activate and press the **+** button. Every time the **+** button is pressed, the time increases by **5 minutes**. To stop irrigation, press the **-** button. Then, turn the dial to **AUTO**.



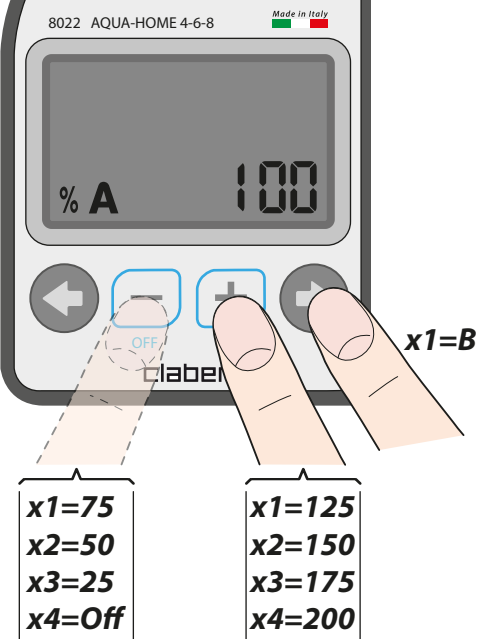
BUDGET. Turn the dial to the % icon.

Budget changes the set watering times (from OFF to 200%). These can be changed both for program **A** and **B**. To increase or decrease the times, use the + and - buttons. The value is increased/decreased by 25% each time the +/- button is pressed. Then, turn the dial to **AUTO**.

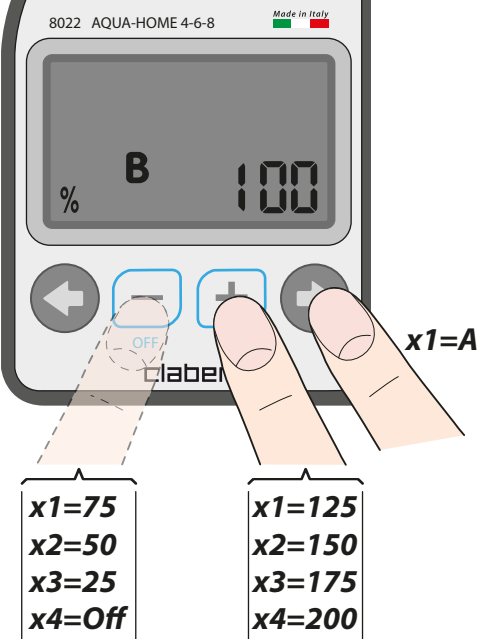
1



2



3

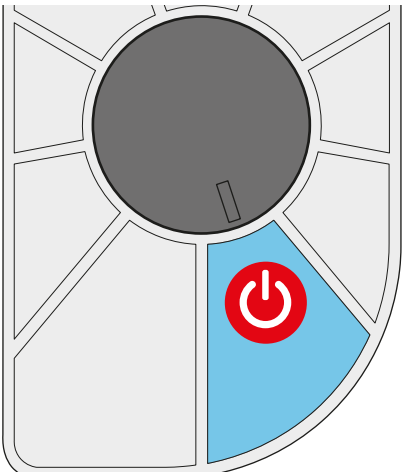


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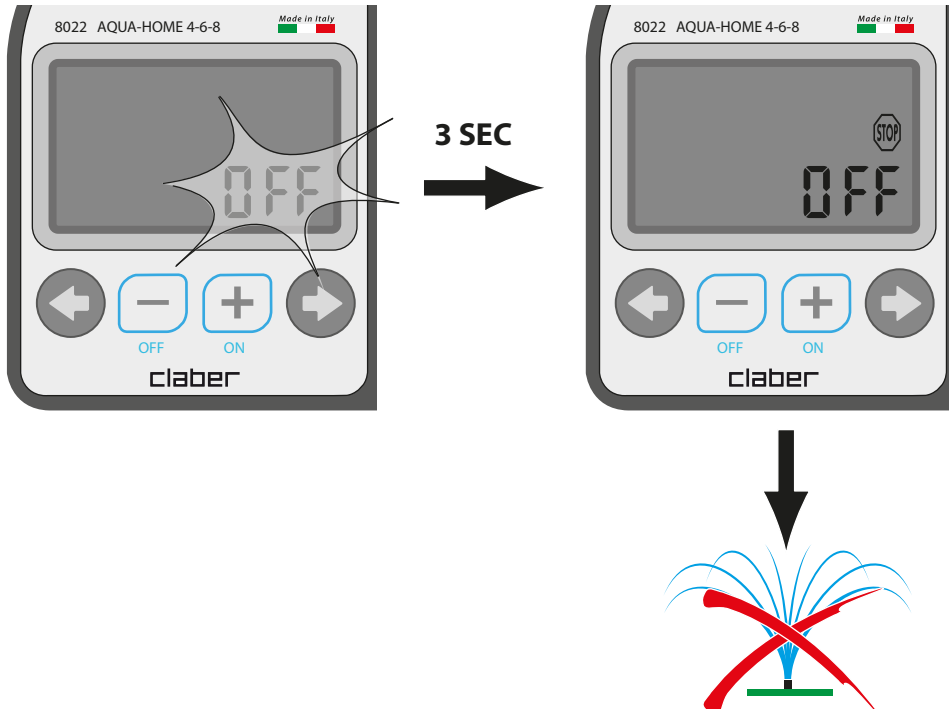
STOP. Turn the dial to the  icon.

After 3 seconds, the timer switches to **STOP** and all programmes are cancelled.

1



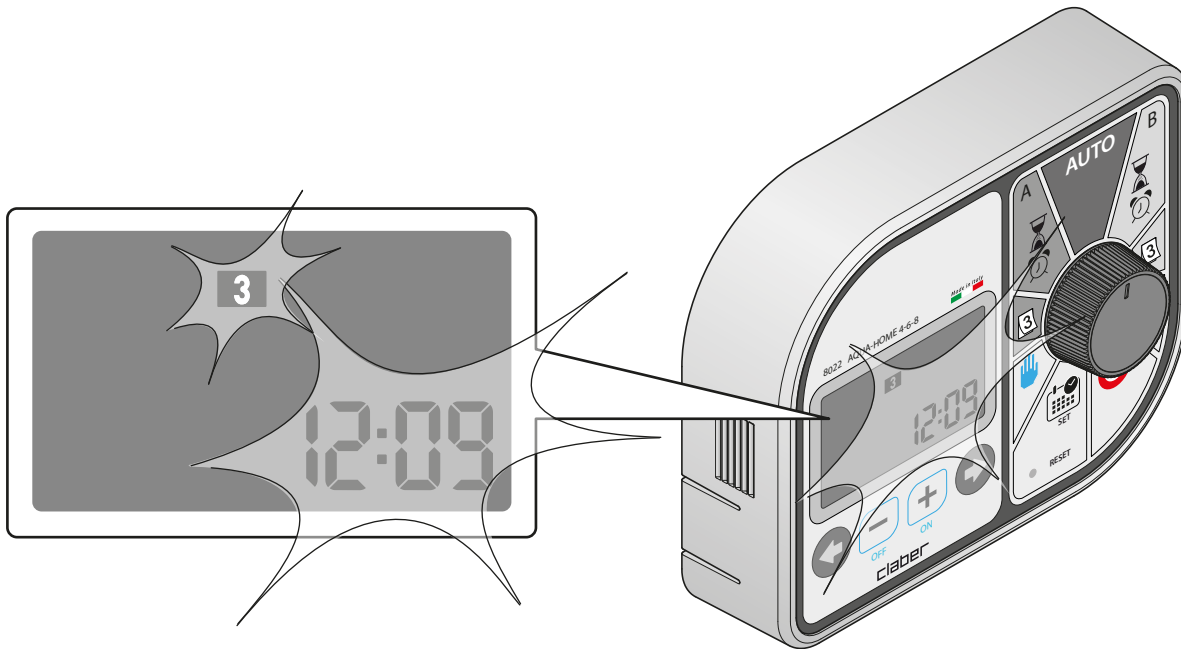
2



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POWER FAILURE. During a power failure, any programmed watering will not be carried out. After power has been restored, irrigation resumes according to the times and durations set, as long as power is restored within 48 hours. If this is not the case, only the time and date need to be reset.

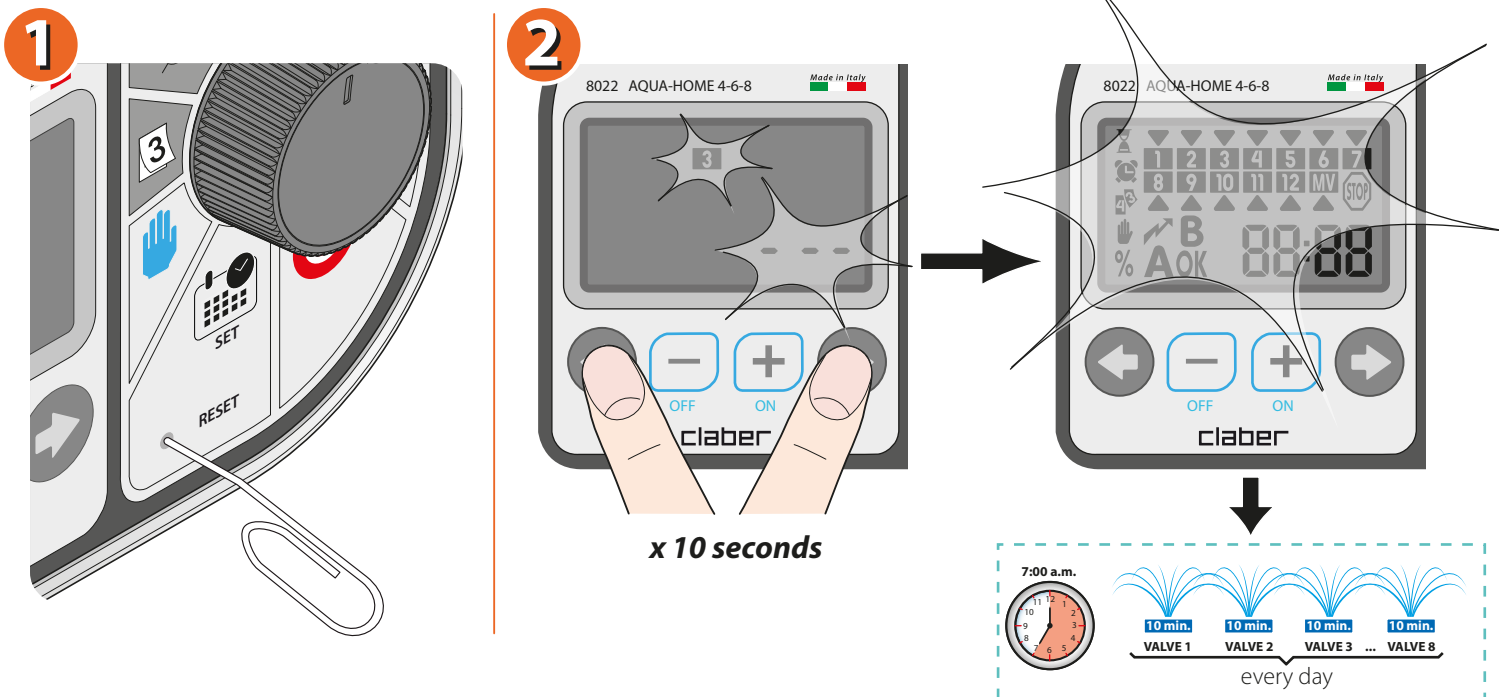
Entire display flashing: indicates that the mains voltage is not present or has failed (even if present at the moment). The flashing of the display stops when any button is pressed, check that date and time are correct.



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RESET (1). Reset the device if the timer does not respond to commands. The date, time and programmes will not be deleted.

FACTORY PROGRAMME (2-3). Turn the dial to **AUTO**. Press and hold the two arrows for **10 seconds**. Once the whole display flashes, the factory program is restored, i.e. program **A** starting at **7:00** with the valves opening for **10 minutes** and program **B** set to **OFF**.



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