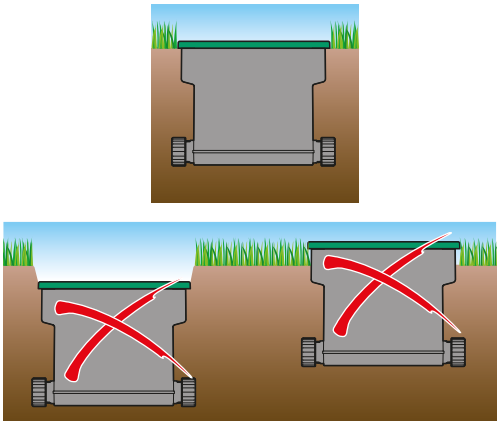
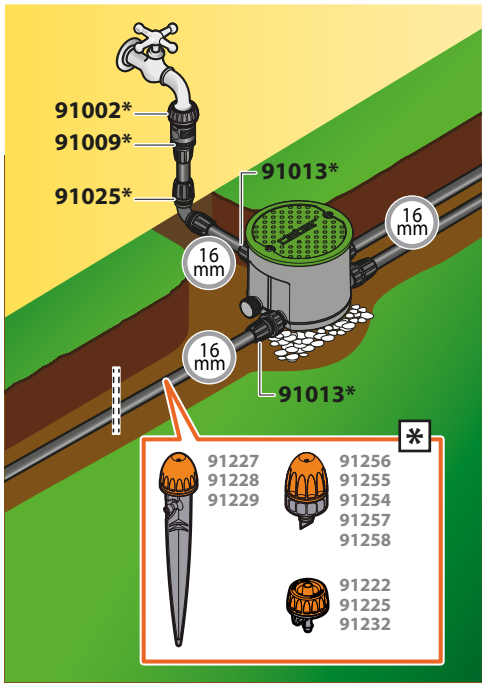
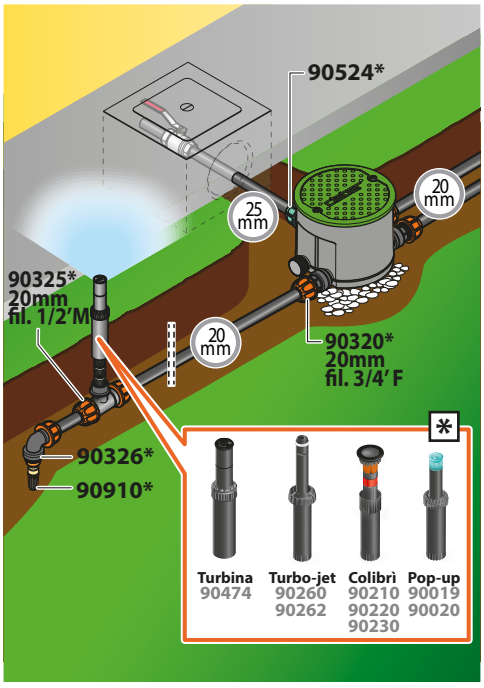
Installation. The valve box is to be installed outside, buried at ground level (1-2) or resting on the surface (3), ensuring that the cover opening is free so that the valve inside the box can be programmed easily. If installed below ground, do not place it in areas which are frequently walked over or passed over by mechanical means (eg. ride-on lawn mowers).

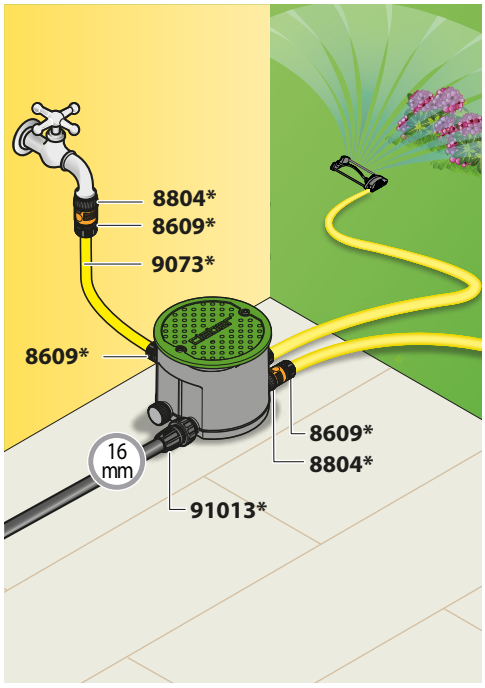






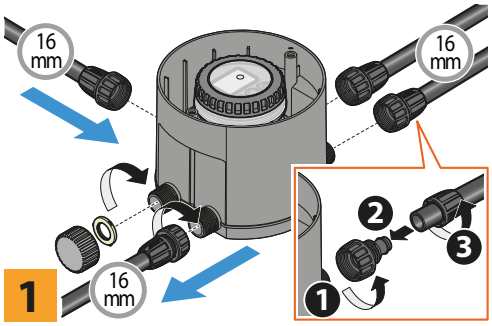


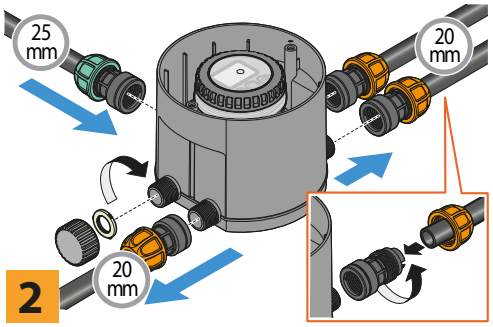


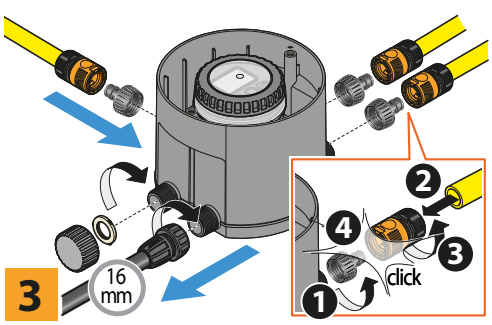


Installation drawing. * parts not supplied, to be purchased separately.

Once the valve box has been positioned, make the hydraulic connections as indicated on the following pages: depending on individual requirements, it is possible to connect the valve box with pipes of different diameters using the specific fittings (not supplied). Below each link is referred to the example above.



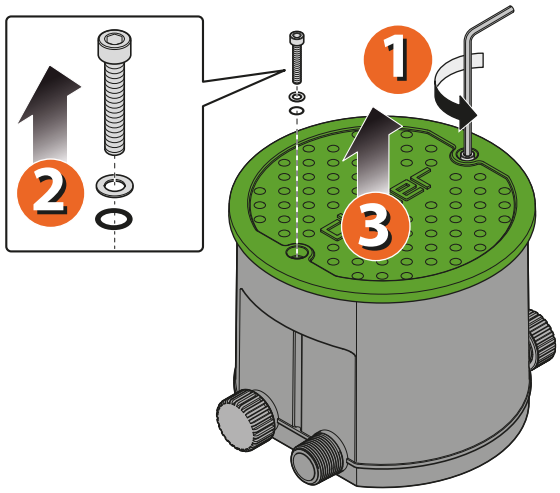


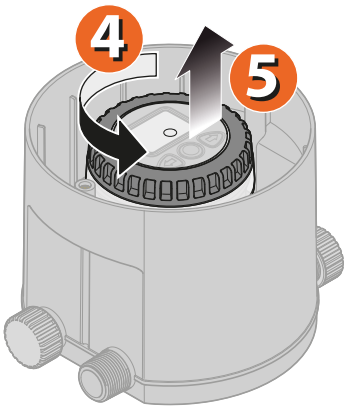


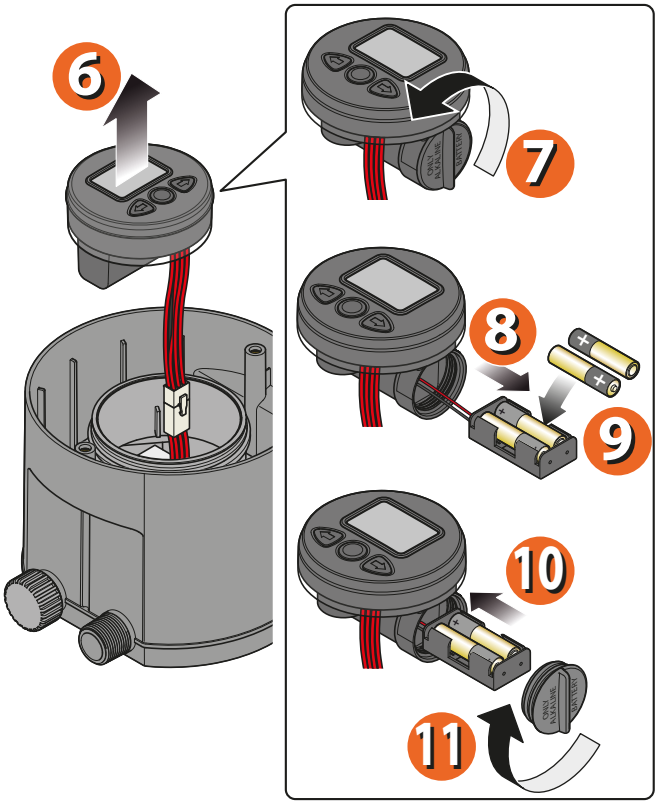
Hydro 4 (cod.): 90829

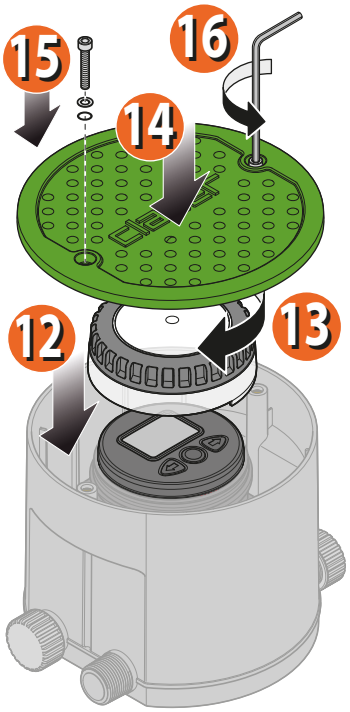
FITTING THE BATTERY. In order to operate the water timer requires two AAA (LR03)1.5V Alkaline batteries that must be replaced with two new charged batteries at the start of each season and are sufficient for, at least the entire irrigation.
To install or replace the battery, proceed as follows:

- Unscrew the two screws on the valve box cover **1**, remove them **2** and remove the cover **3**.
- Unscrew the plastic cover on the water timer **4** and lift it up **5**.
- Take out the water time **6**.
- Unscrew the battery compartment plug **7**, take out the battery-holder **8**, and if present, remove the drained batteries.
- Fit the new batteries in the holder, observing the correct polarity **9**.
- Replace the battery-holder into its housing **10** and screw down the plug checking that the seal is correctly placed in its seat **11**.
- Insert the water timer into its seat **12**, screw the cover back on **13**, close the valve box with its cover **14** and secure it using the designated screws **15-16**.



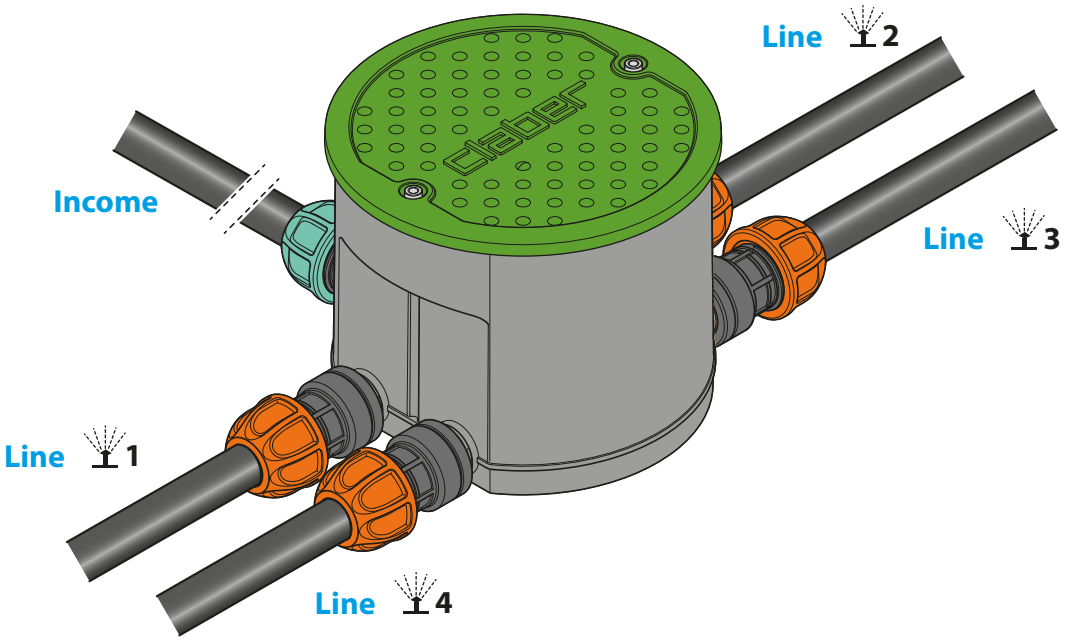






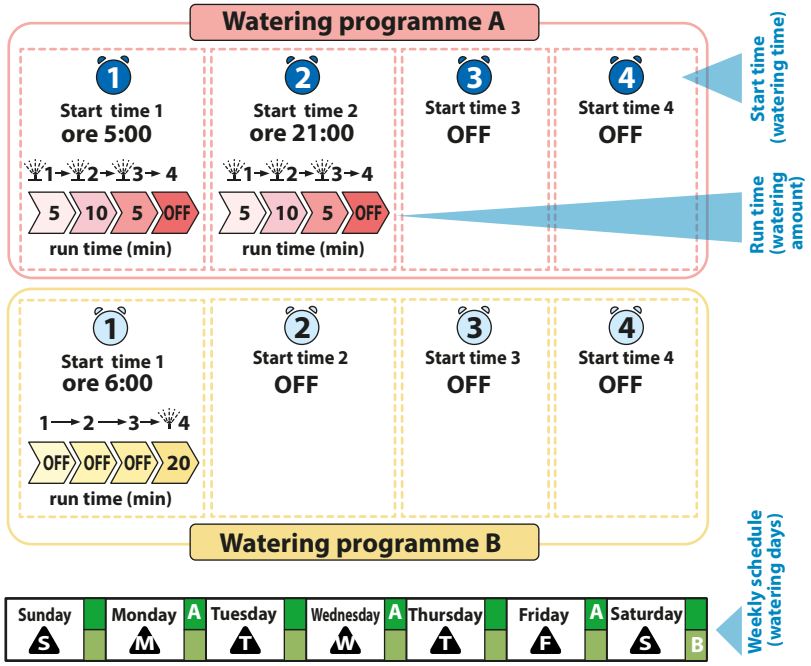
Hydro 4 (cod.): 90829

USE. It is possible to set up two watering programmes, **A** and **B**, which operate independently from each other on one or more of the 4 lines 1→2→3→4 .
Each watering Programme, **A** or **B**, can be set to start watering on any day of the week (**WEEKLY SCHEDULE**), up to 4 times a day (**START TIME**) and for a maximum run time of 60 minutes for each line (**RUN TIME**).



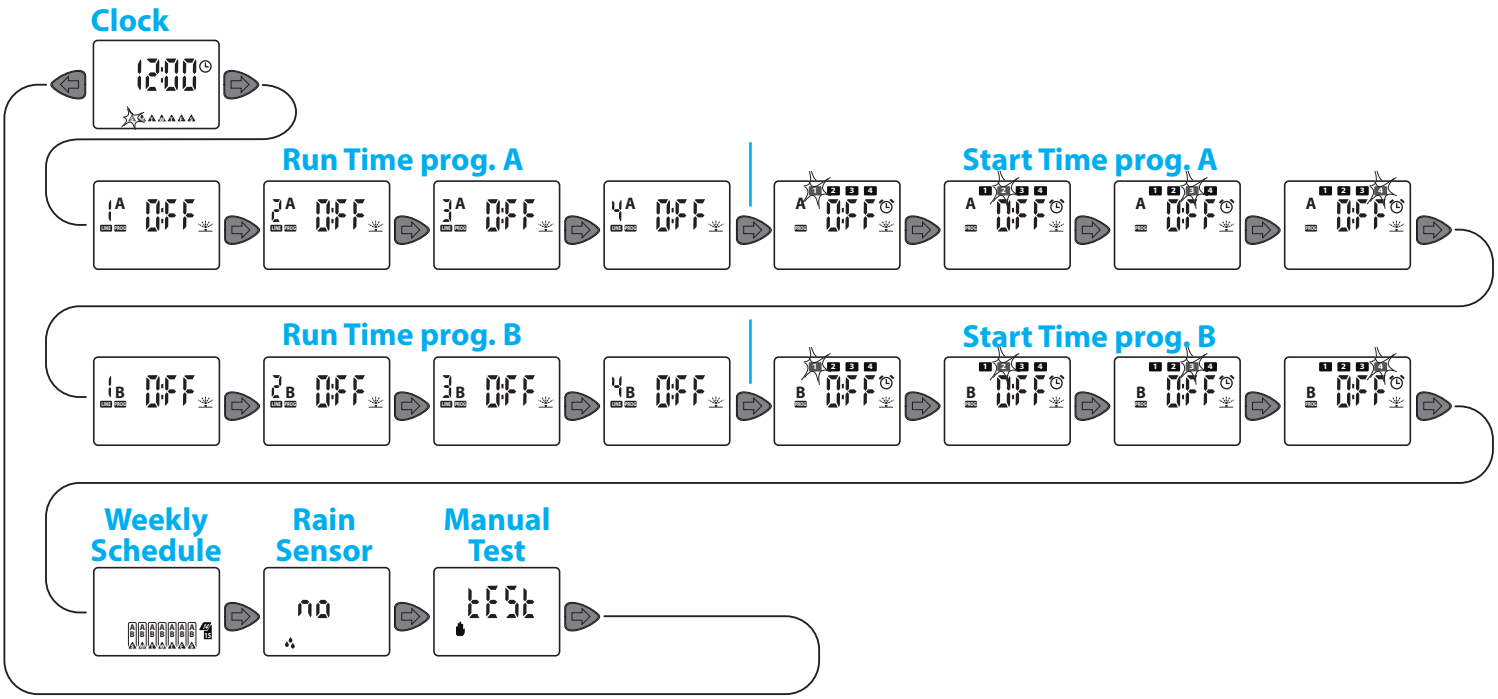
Hydro 4 (cod.): 90829

PROGRAMMING EXAMPLE. In the example, programme **A** starts watering at 5:00 (**START TIME**) and at 21:00 (**START TIME2**): at these times the valves open in order (**RUN TIME**: valve 1 for 5 minutes, valve 2 for 10 minutes, valve 3 for 5 minutes, valve 4 not used). The programme starts on Mondays, Wednesdays, Fridays (**WEEKLY SCHEDULE**).
Programme **B** starts watering at 6:00 (**START TIME**): at this time only valve 4 opens for 20 minutes (**RUN TIME**). The programme only starts on Saturdays (**WEEKLY SCHEDULE**).



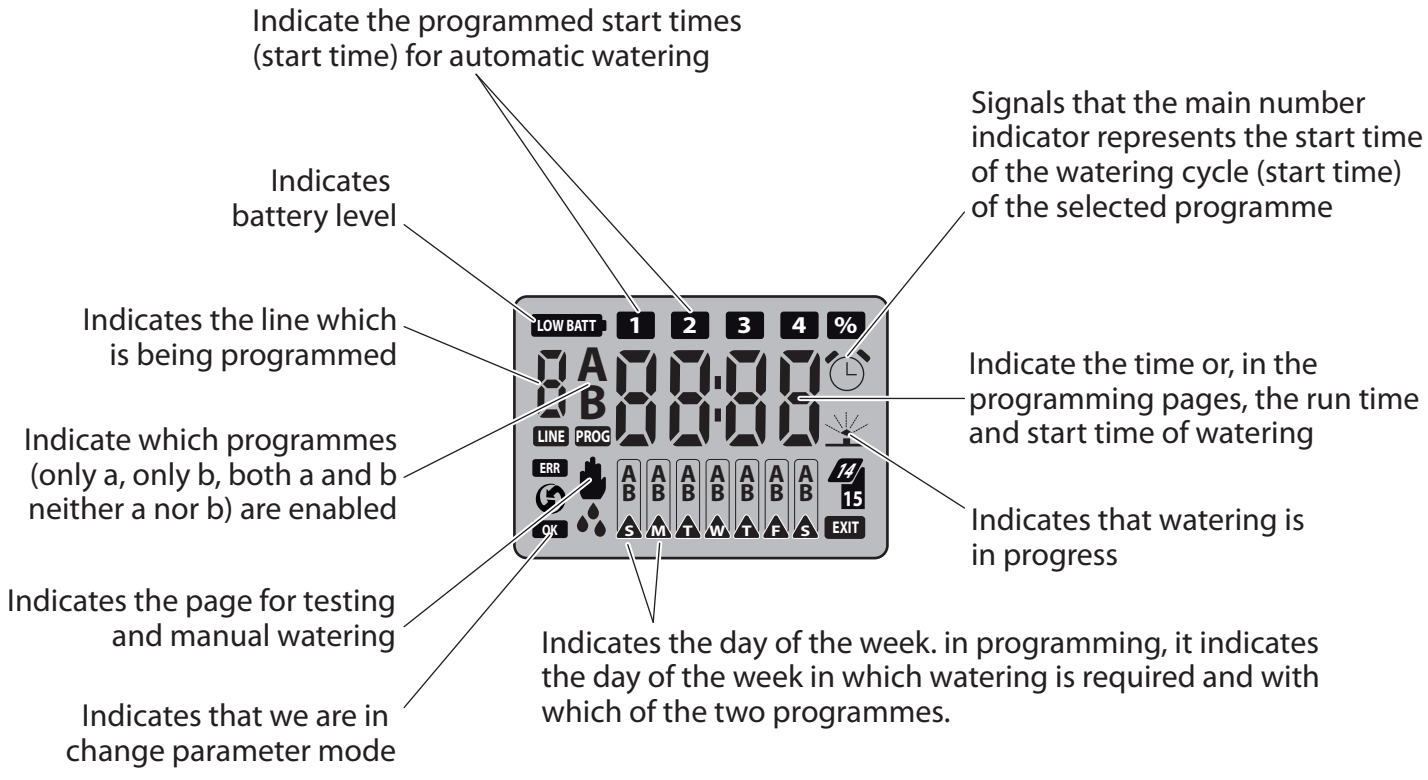
Hydro 4 (cod.): 90829

GUIDELINES ON PROGRAMMING. provides information about all the programming pages in the order they appear: ◁ and ▷ allow the user to scroll through the different pages.
The ● key lets you access the EDITING of the parameter displayed.



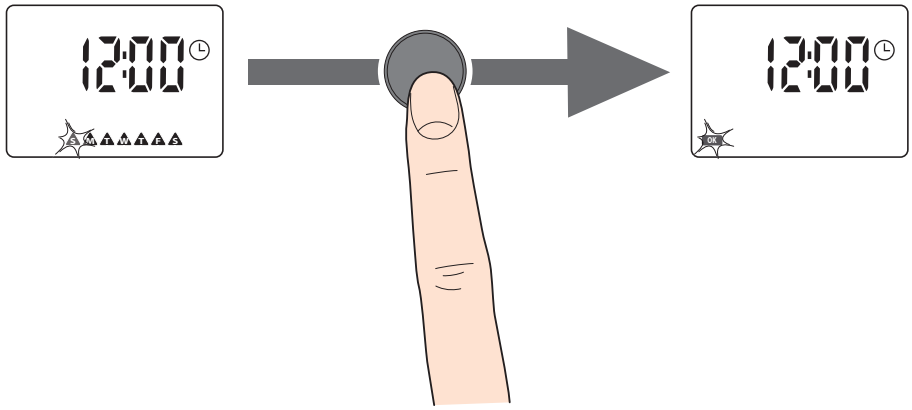
Hydro 4 (cod.): 90829

DISPLAY. The following functions are assigned to the various keys or combination of keys:



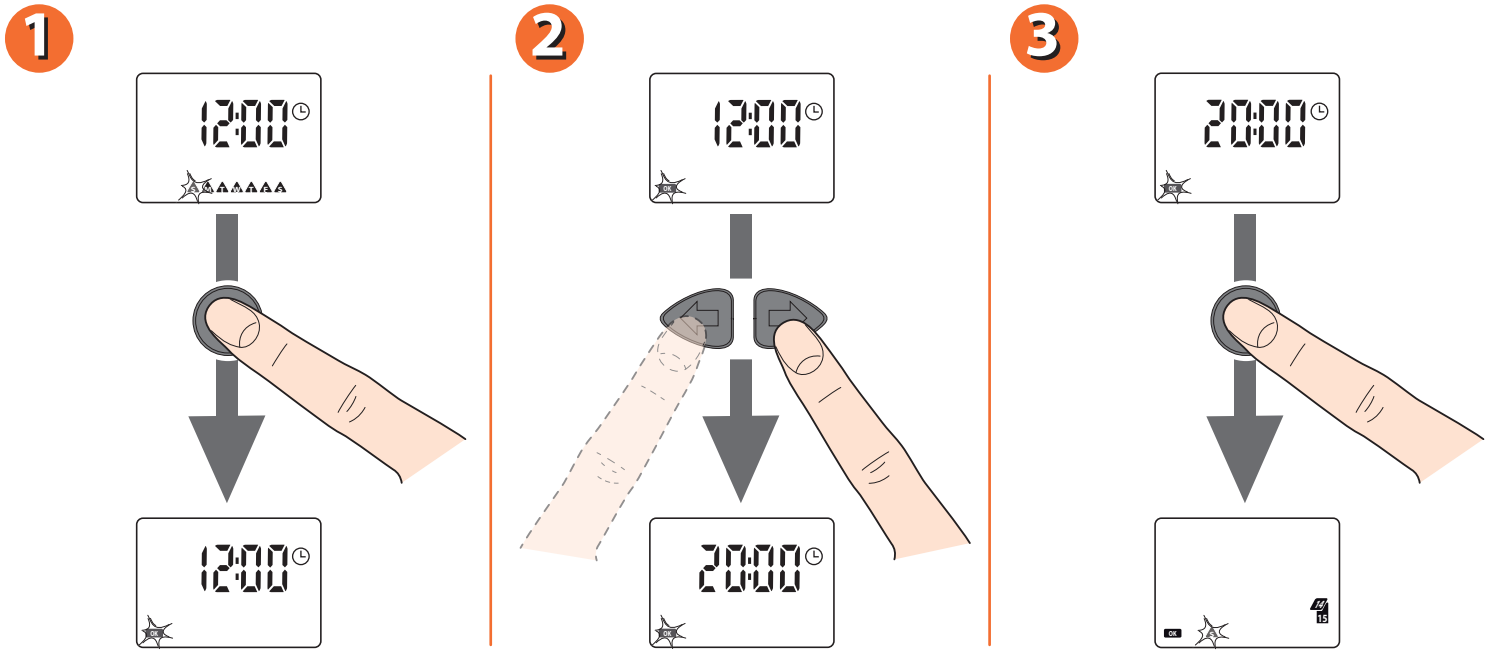
Hydro 4 (cod.): 90829

HOW TO USE THE KEYPAD. Only three keys let you set all the parameters. The keys ◁ and ▷ let you scroll through the various pages in order to select the one desired. The ● key lets you access the EDITING of the parameter displayed.
When ● is pressed, **OK** appears in the bottom left display.
With **OK**, the ◁ and ▷ keys turn on and let you edit the value of the parameter displayed.
If a key is not pressed for approximately 5 minutes, the water timer automatically returns to the date and hour page, without confirming the changes in progress.
When the desired value is reached, **exit from the changes** by pressing the ● key, **OK** will appear on the lower right part of the display.
It is now possible to go back to the page with the ◁ and ▷ keys, and change the values if needed.



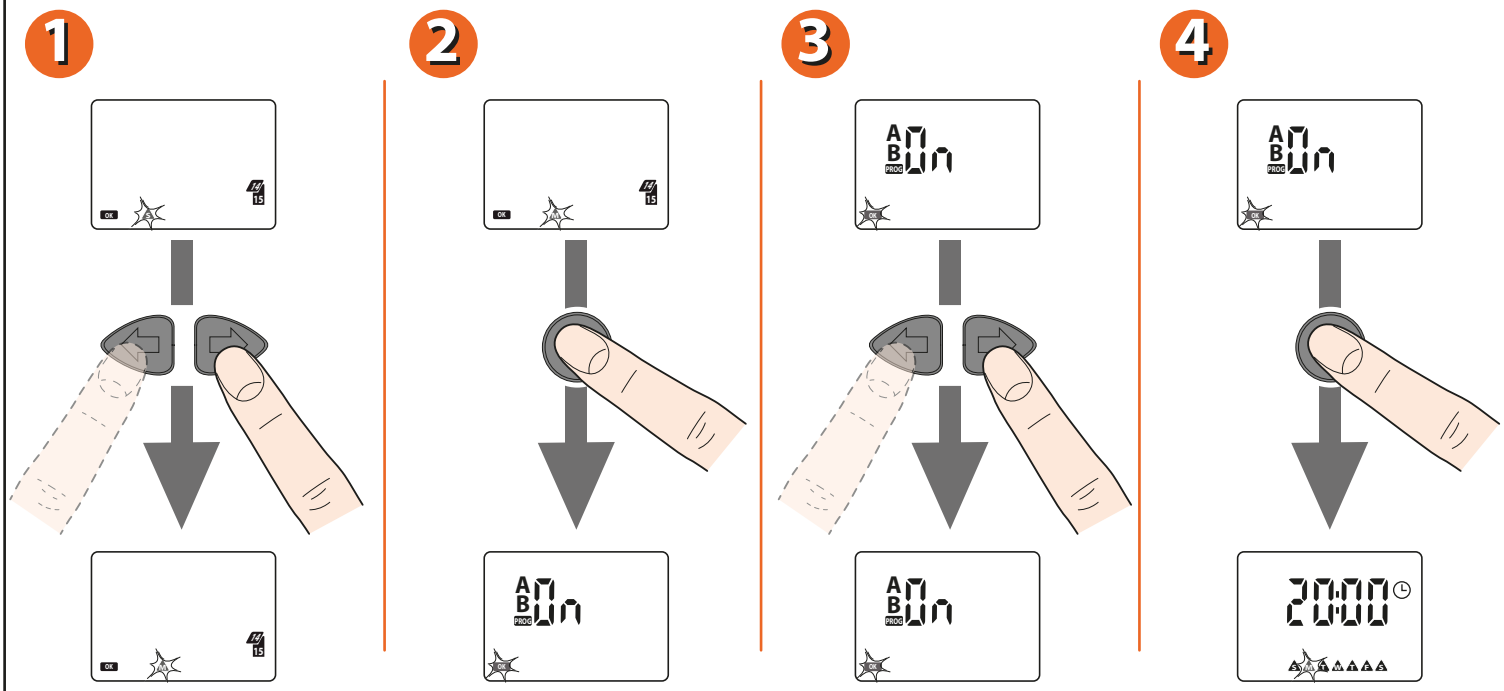
Hydro 4 (cod.): 90829

SETTING CURRENT DAY AND TIME. When the batteries are first fitted the display shows the first page current TIME/DAY, indicating as default 12:00 and S Sunday.
By pressing ●, the message OK appears and the days of the week disappear. Press ◁ or ▷ to increase or decrease the current time. By holding down the key, the time progresses more quickly until the required time setting is reached. To confirm the modified parameter press ● and move to the screen to set the current day.



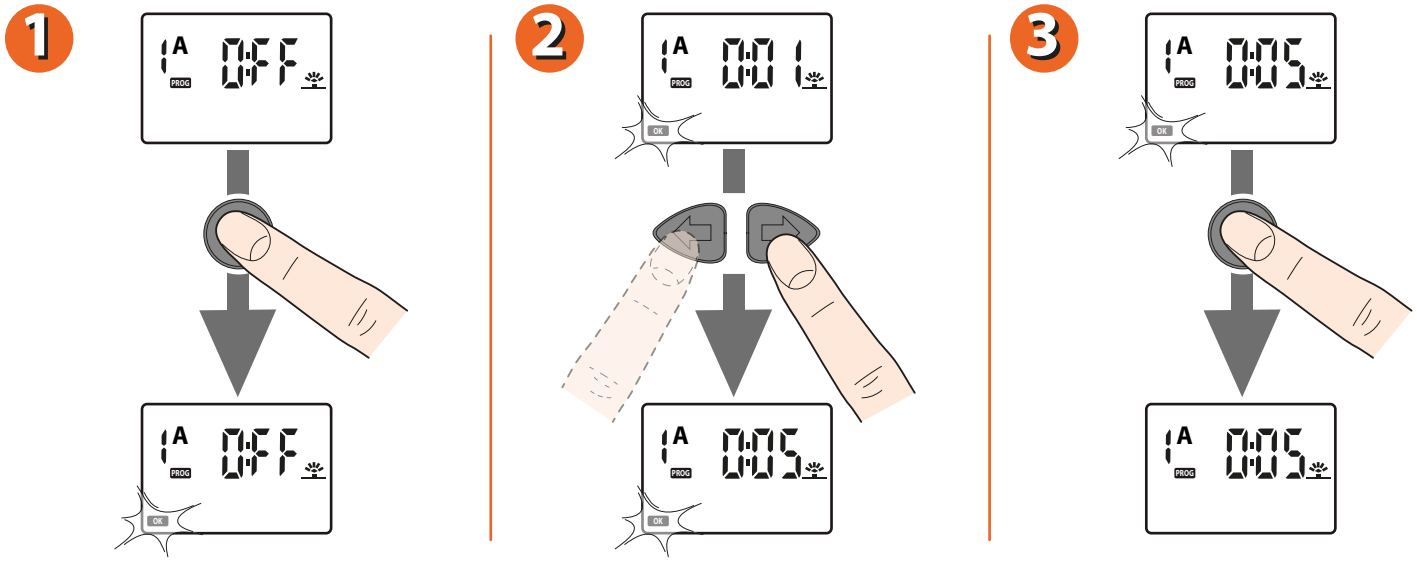
Hydro 4 (cod.): 90829

SETTING CURRENT DAY AND TIME. Press ◁ or ▷ to scroll through and select the current day. To confirm the modified parameter press ● and move to the screen to set the type of programme to use. Press ◁ or ▷ to enable the required programme **A** or **B** or both programmes or set them to **OFF**. To confirm the modified parameter press ● and exit programming and return to the time screen.



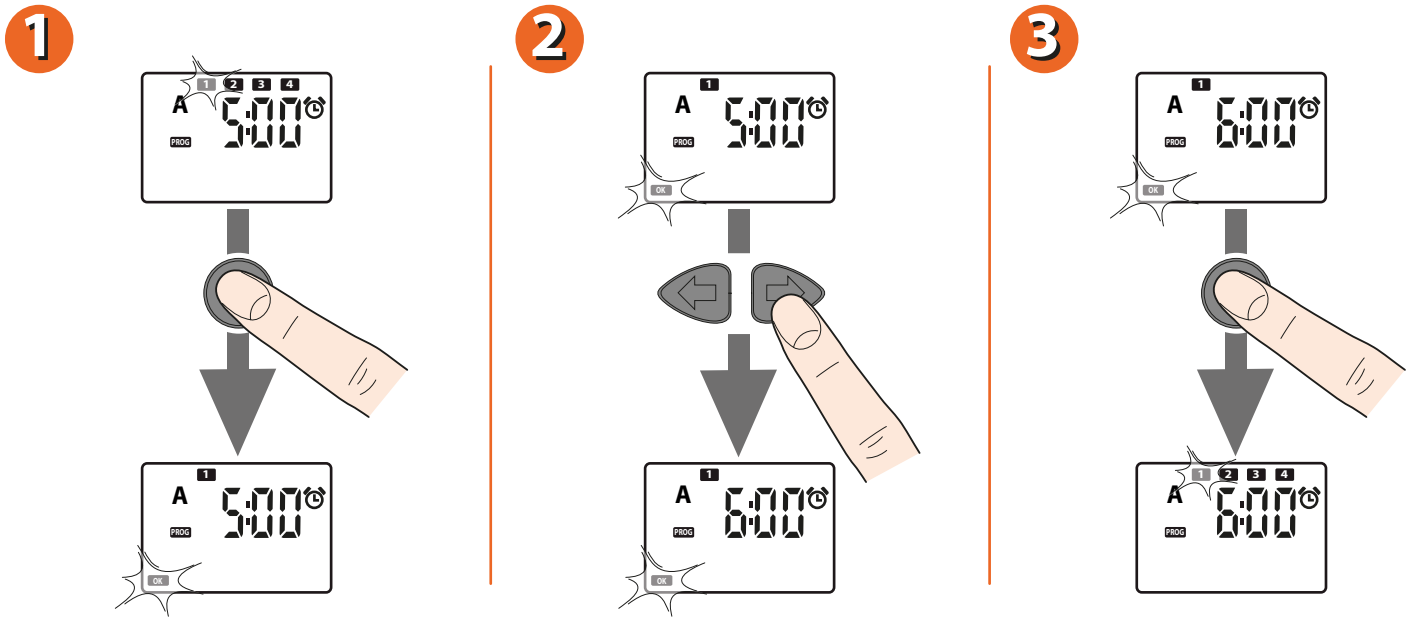
Hydro 4 (cod.): 90829

PROGRAMMING WATERING - Set/modify the RUN TIME. The RUN TIME page allows the user to set a watering run time for programme **A** and programme **B** for each LINE.
From the RUN TIME page, press ● to enable modification ->the symbol OK flashes indicating that the parameters displayed can be modified and require a setting confirmation.
Using ◁ ▷ changes the value displayed (by pressing and holding the keys, the value will change more quickly). Press ● to confirm the set value. By pressing ▷ the user moves to the RUN TIME setting of the next LINE up to a maximum of 4 lines to form a WATERING CYCLE).
If a watering cycle does not include the use of a specific line, simply set the watering run time of that line to OFF.



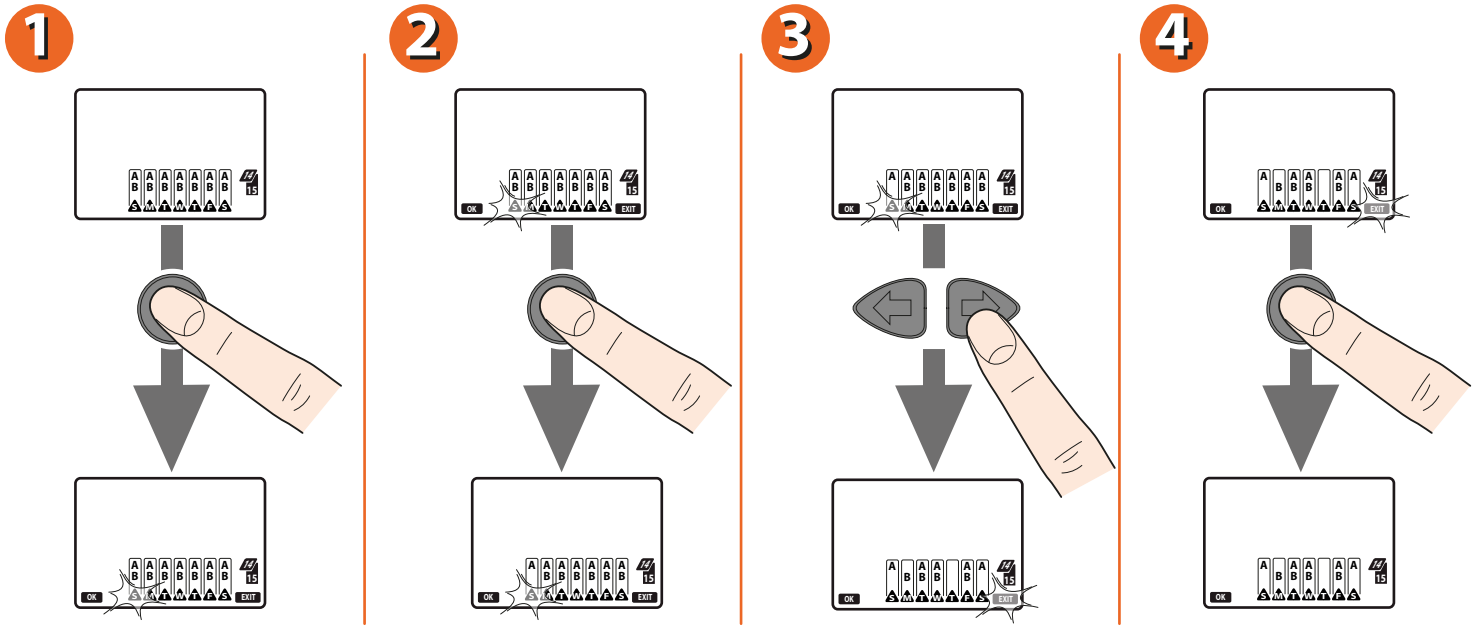
Hydro 4 (cod.): 90829

PROGRAMMING WATERING - Set/modify the START TIMES. The START TIME page allows the user to set up to start times per day for the WATERING CYCLE for programme **A** and 4 times for programme **B**. From the START TIME page, press ● to enable modification of the START TIME **1** -> the symbol **OK** flashes indicating that the parameters displayed can be modified and require a setting confirmation.
Using ◁ ▷ changes the value displayed (by pressing and holding the keys, the value will change more quickly), press ● to confirm the set value. If necessary, set the times of the next START TIMES **2** **3** **4** by pressing ▷ and repeating the operations described above.



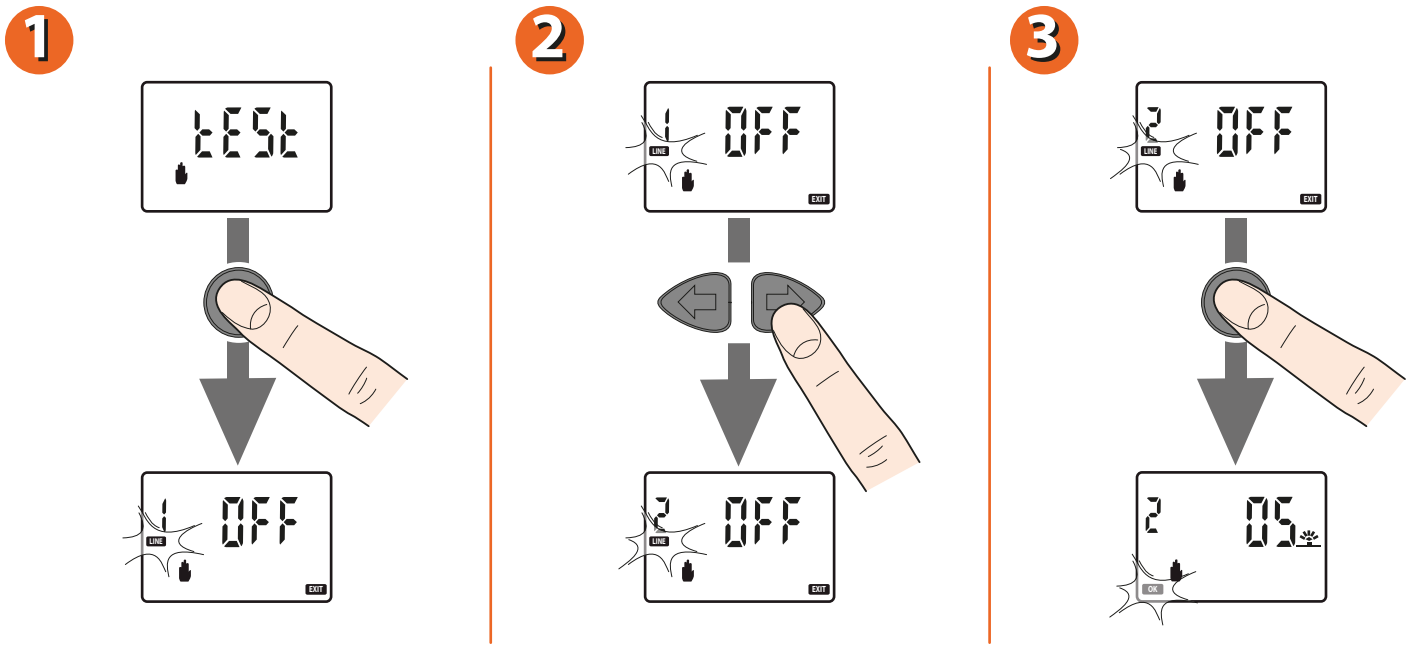
Hydro 4 (cod.): 90829

PROGRAMMING WATERING - Set/modify the WEEKLY SCHEDULE. With the weekly programming (WEEKLY SCHEDULE) the user selects the days of the week on which the set Watering cycles are activated. From the WEEKLY SCHEDULE page, press ● -> the symbol S flashes =Sunday.
Each time ● is pressed, the screen displays which programme is to start on that day (only A, only B, both A and B, neither A nor B). Press ▷ to move on to the next days and proceed in the same way to programme the days. To exit, go to **EXIT** by pressing ▷ a number of times; when it flashes, press ● to display the screen WEEKLY SCHEDULE again.



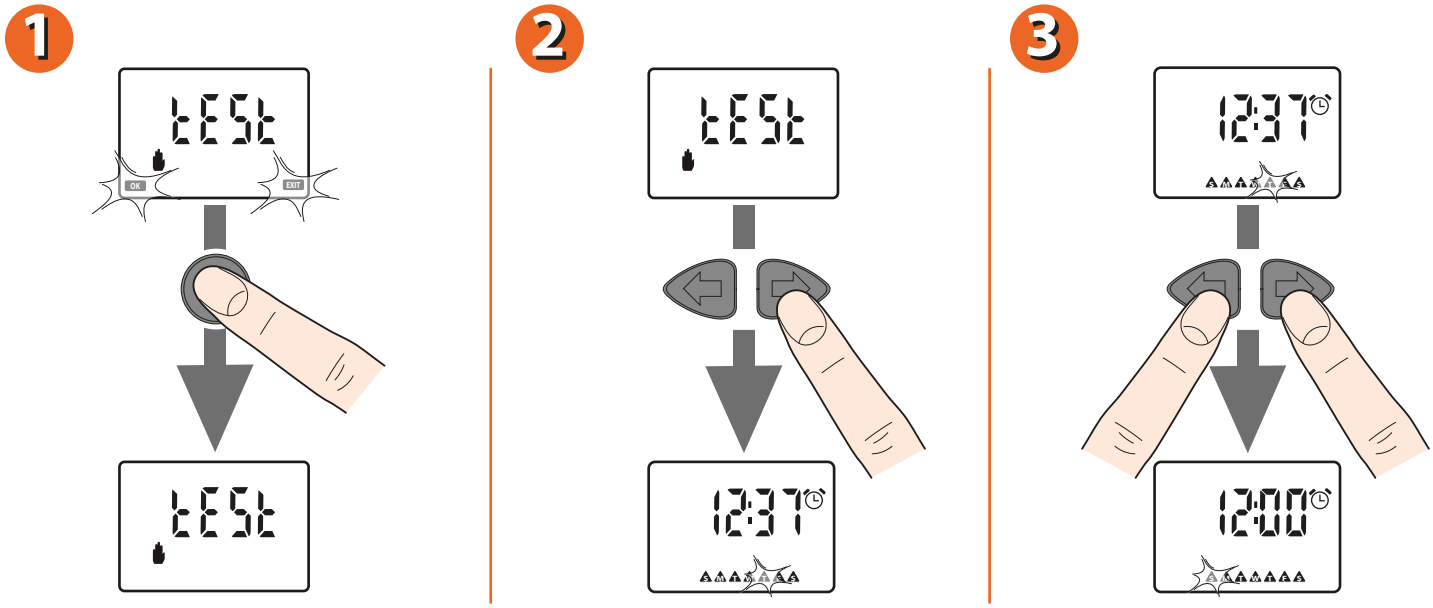
Hydro 4 (cod.): 90829

PROGRAMMING WATERING - Test/manual watering. From the TEST page press ● .
Press ◀ ▶ to select which valve is to be activated, press ● to activate it for 5 minutes.
Press ◀ ▶ to change the manual watering run time (optional).
The symbol OK appears and flashes on the display together with the number of minutes of manual watering remaining. The solenoid valve automatically closes and stops watering operations when the set watering minutes have been reached. If you wish to stop watering operations in advance, press ● and the message OFF appears on the display.



Hydro 4 (cod.): 90829

PROGRAMMING WATERING - Exiting the test/manual watering page. Move to the page where TEST is displayed with the symbols OK and EXIT flashing. Press ● to exit TEST/manual mode. Press ▶ to go back to the page with the clock.
By entering TEST mode, any automatic watering is stopped but this will be restored on exit.
Reset. The factory settings can be restored by pressing and holding down ◀ and ▶ at the same time until 12:00 appears on the display (approx. 10 seconds). Then, completely reprogramme the water timer as described in the programming sections.



Hydro 4 (cod.): 90829

PROGRAMMING WATERING - Enabling programmes A and B and setting to off.

Activating/deactivating programmes A and B of the water timer is useful in managing:

- watering requirements based on the season: for example, programme A can be set for the summer - maximum watering requirements, and programme B for the spring - low watering requirements;
- simplified programming: if just one programme is sufficient for your watering requirements, it is possible to eliminate the display of the pages of the other programme, simplifying setting operations for the programme being used.
- setting to OFF: to temporarily stop watering without losing the programme settings, as described below.

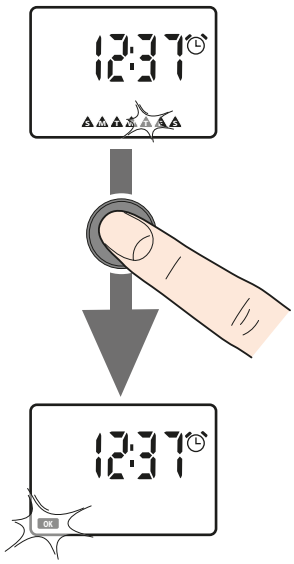
The display normally shows the current TIME/DAY screen; press ● to go into the time programming and press it twice more.

Then press ◁ ▷ to select which programme is to be enabled. The possible selections are 4

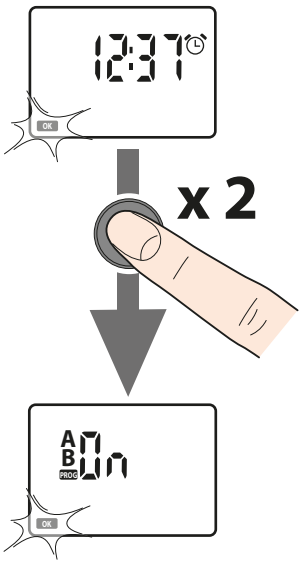
If programmes A and B are assigned on the same day, this could cause the simultaneous opening of the two lines: the system does not have a sufficient flow rate, this could have a negative impact on the quality of the watering.

Once the selection has been made, press ● to confirm enabling of the programme/s displayed.

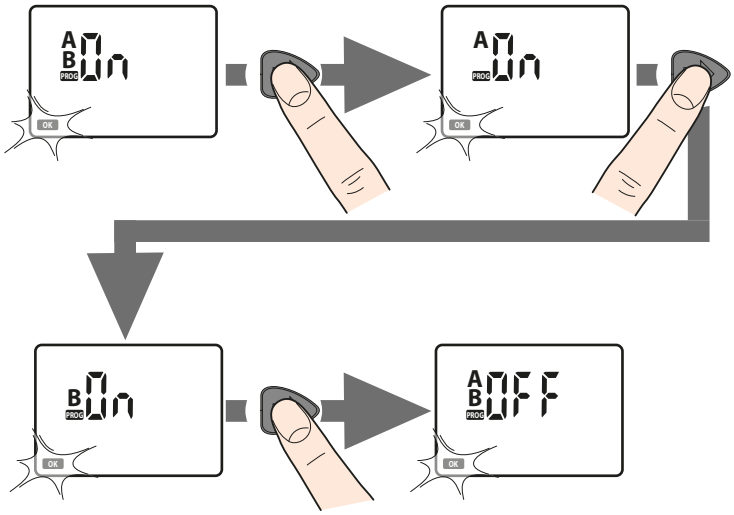
1



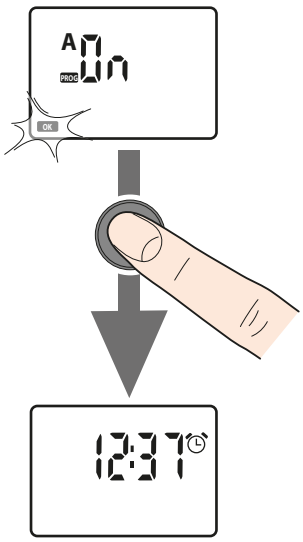
2



3



4

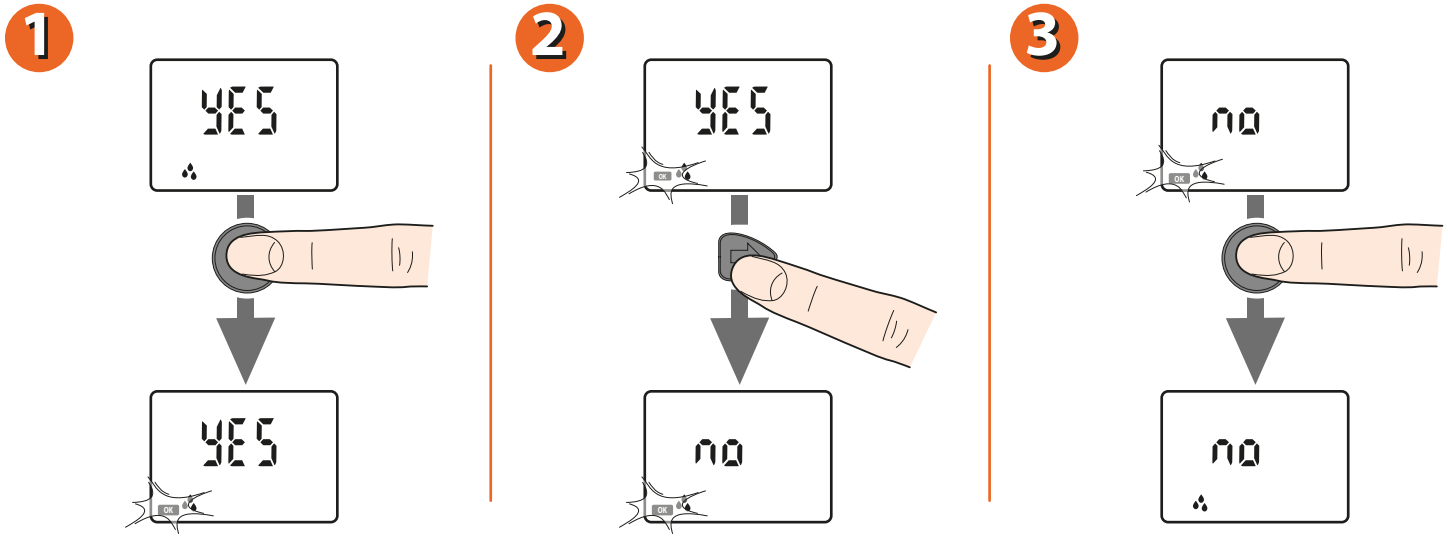


Hydro 4 (cod.): 90829

WATERING PROGRAMMING - Rain Sensor RF. From the RAIN SENSOR page press -> activates when the Rain Sensor RF activates/deactivates..
Press to move the status from "YES" (sensor activated) to "no" (sensor deactivated) and vice versa.
Confirm by pressing .

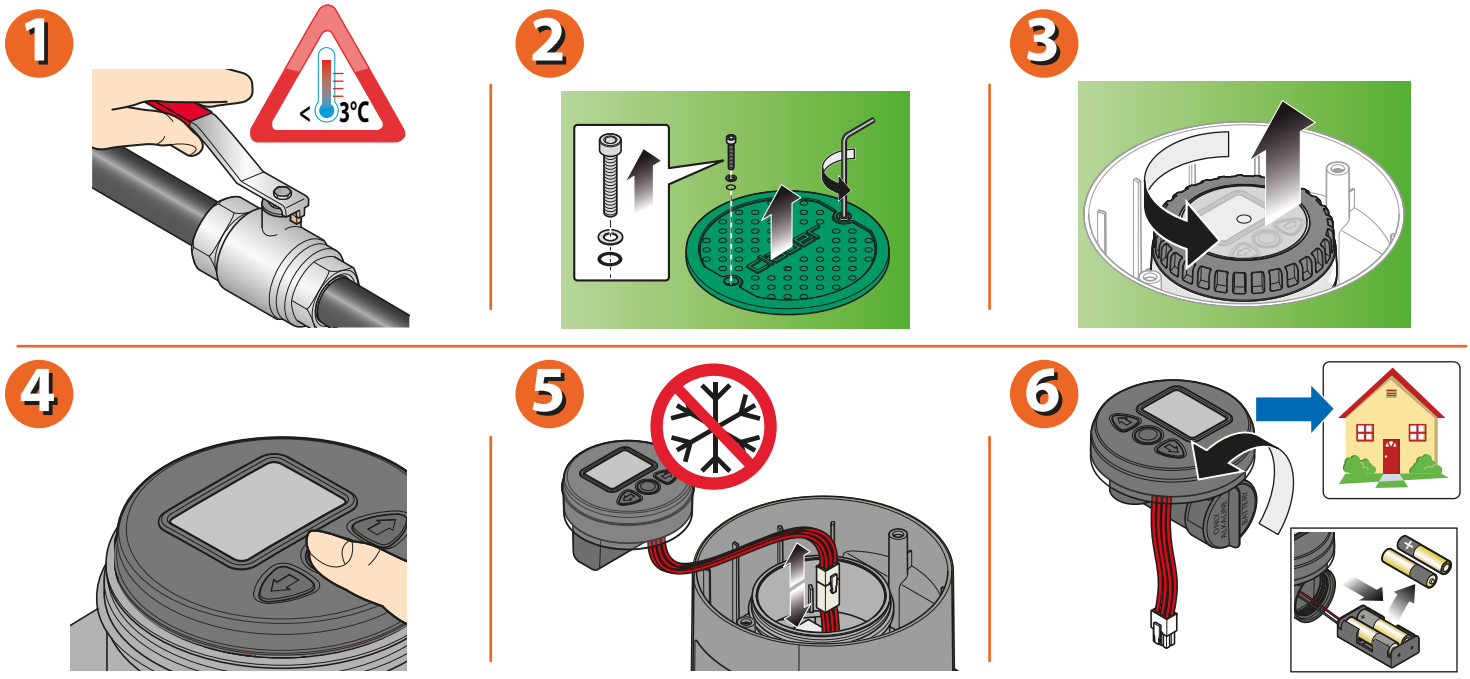
Status of Rain Sensor RF:

- Off: Sensor EMPTY or not active for the water timer.
- Permanently on: Sensor FULL or active for the water timer. With the sensor FULL any watering programmes are interrupted and other programmes start automatically while the symbol remains active.
- Active and flashing: the water timer has not received any information from the Rain Sensor RF for more than 24 hours and is working independently from the sensor. Check the Rain Sensor RF installation and batteries.



Hydro 4 (cod.): 90829

CLEANING AND MAINTENANCE. Clean the outside of the valve box and the control module when necessary using a soft cloth dampened slightly with water or specific detergent: follow the detergent cleaning instructions. Do not use abrasive pads, scourers or acid detergents. n winter or long periods of inactivity close the tap or the gate valve upstream, access the control module and manually open all 4 lines in sequence to discharge the pressure, remove the water timer, store it in a dry area where the temperature does not fall below 3 °C and remove the batteries.



Hydro 4 (cod.): 90829

For more information and further details, please consult the instruction manual supplied with the product.