



WARNING

- Use 9 volt alkaline batteries only
- Connect battery poles one by one
- Check the current battery level at the beginning of the season
- Be sure that controller is completely screwed in order to grant gasket sealing
- Wait for 30 seconds between manual opening and closing in order to let recharge the condenser
- Static or working pressure minimum 0.4 bar - maximum 10 bar
- A properly working is granted only if the controller is installed on Rain electric valves
- Effect the usual periodical maintenance of the electric valves
- It is suggested to remove the controller during winter season
- During programming session, after 20 seconds without pushing any button the controller will come back to the first screen and will be saved only the confirmed information
- Water sprinkling devices must be installed in the open and in places supplied with exhaust

Do not disperse in the environment, do not swallow as urban refusal and make separate collection.

Require information to the supplier for the recovery and draining upon the purchase of a new device.

Do not use in a wrong manner a device or some of its parts since it could have damaging and dangerous effects for the health and for the environment.



rain
EVO¹

RAIN EVO¹

Battery Controller

Centralina a Batteria

Programmateur à piles

Programador a pila

Technical Features

- 1 Completely waterproof
- 2 Battery powered
- 3 Manual and programmable working
- 4 Two daily irrigations
- 5 Weekly Calendar
- 6 User friendly programming
- 7 Function "Low Battery"
- 8 Freeze program function (Off/Rain)
- 9 Function "Count Down"
- 10 Sensor Connection
- 11 Rubber protection cover

RAIN S.p.A. - 20023 CERRO MAGGIORE (Mi) Italy - Via Kennedy, 38/40
http://www.rain.it - E-mail: info.rain@rain.it

ISTRUCTIONS

Freeze program function (Off/Rain)

With this function is possible to stop watering and freeze the program without change the setting.

- Press the + button to active and inactive the setting, the display will appear as the figure.



Connecting a rain sensor

To connect a two wires sensor cut the red wire of Rain Evo .
When weather condition dictates, the controller stops watering and on the display will appear an icon as the figure.
Leave unchanged the wire if you don't connect rain sensor.



"Low Battery" function

When batteries are discharged, an icon as the figure will appear on the display and the valve will remain stopped.
Change the batteries and set the controller again.



DESCRIPTION

Rain Evo represents the third generation of battery controller introduced by Rain S.p.A. in the irrigation market.

The development of this new product is relative to the quality and easy-to-use; high quality of material and the attention given to the realization of the software make this product to be in the van of the battery controllers market.

Easy and intuitive, the programming is particularly flexible thanks to the possibility of manage the irrigation through a weekly calendar.

The battery controller Rain Evo¹ can be connected to the rain sensor, this device has to be of mechanical type with two wires and has to be connected to the two red wires of the controller; without the rain sensor the connection wires have to be kept connected, a possible disconnection could cause a situation of OFF RAIN what is the same of cancelled irrigation.

The Rain Evo¹ is powered by two 9 volt batteries. Put them in the apposite accommodation after having connected the controller to the electric valve, this allows the controller to reset and put it in close position the valve.

Programming the controller Rain Evo

In order to program Rain Evo you need only 3 buttons:

- ◆ The → button (enter) to move from a screen to another one and to confirm the set information.
- ◆ The + button (incr.) to modify or increase data.
- ◆ The ⏪ button (Man./Back) to confirm the weekly calendar, to activate the manual open and to come back to the previous screen.



Note:
During programming session, after 20 seconds without pushing any button the controller will come back to the first screen and will be saved only the confirmed information.

Setting the Date and Time

Once batteries are connected, first the controller auto resets, than the display will appear as the figure; the minutes icon starts flashing.

- ◆ Press the + button to increase the units minutes
- ◆ Press the → button and the tens minutes icon starts flashing.
- ◆ With + button increase tens minutes
- ◆ Follows the same procedure for hour unites and hour tens
- ◆ Press the → button and the slash under the weekly days starts flashing
- ◆ Press the + button to move the slash under the current day
- ◆ Press the → button to confirm and proceed to the next operation



Note:
To get midnight you should set 00 as time and not 24.

1

Setting Days to water

Choose the specific day in which irrigate:

- ◆ Press the → button and the slash under the day starts flashing
- ◆ Press the + button to move the slash under the day selected
- ◆ Press the ⏪ button to change the current set up

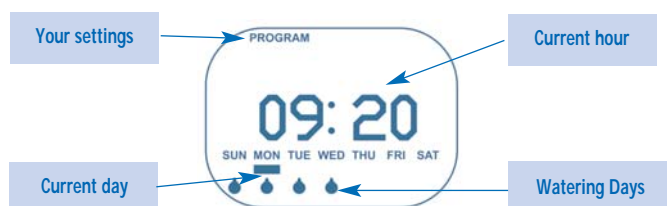
Therefore: ⏪ button to set or remove the watering days.

At the end press the → button to confirm all your settings and the + button to come back to the main screen (current hour).

To change your settings press the → button and follow the procedure above described.



Now your controller is programmed and the display will appear as the figure



To change your setting:

- ◆ → button to go into the setting
- ◆ + button to go in the screen you would change

3

Setting Watering Start Times

- ◆ Press the → button and the units minutes will flash.
- ◆ Press the + button to set minutes units of first watering start times and follow the same procedure to set the other units of current hour.



Note:
To get midnight you should set 00 as time and not 24.

Setting Length of Watering

Leaving in OFF position the program, the area will be inactive.
Press the → button and the three zeros for the setting of the length watering will be active.

- ◆ The set of the length is in minutes (time minimum 1 min. - time maximum 360 min.)
- ◆ Press the → button and the minutes units start flashing.
- ◆ Set the length of watering following the usual procedure: + button to set and → button to confirm and proceed to the next operation.

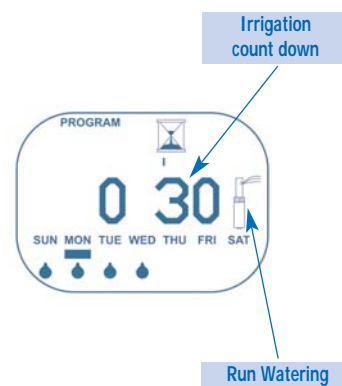
I and II irrigation



Note:
To reach the OFF position set at zero the length watering.



The display appears as the figure during irrigation (count down).



Manual Watering

Rain Evo has set a manual watering of 3 minutes, to change the length press the + button and modify the setting, from minimum 1 min. to maximum of 360 min.

- ◆ Press the ⏪ button to open manually the valve.
- ◆ To change the minutes of watering, press the + button and confirm with → button.
- ◆ Otherwise after 20 sec., the controller will start automatically with the 3 minutes of watering.
- ◆ Press the ⏪ button to stops the manual watering.



4