The Future Garden uses Sustainable and Smart Irrigation.

rain vision
smart irrigation

SMART IRRIGATION
SYSTEM

Smart irrigation is the use of **connected** tools which allow for **better management** of **water and time resources**.

Connectivity and sustainability are, therefore, the fundamental requirements for a system to be truly smart. But Vision™ has many **more**.

All the programmers of the Vision™ product range are **rechargeable**, thanks to the lithium batteries, and connected.
Once you have downloaded the **Vision App**, simply choose between Bluetooth® 5.0 or **Wi-Fi** connection, adding Nuvola WiFi Vision to the system, and start managing the system remotely: simple and fast!

Smart Vision™ Irrigation System

100% Made in Italy, the Smart Vision™ System is the best representation of RAIN's mission: to design and produce connected and sustainable solutions for professional irrigation, with the aim of guaranteeing green specialists greater simplicity and efficiency in their work.

CONNCTED	ENERGETICALLY SELF-SUFFICIENT	MODULAR	SUSTAINABLE
Via App (Android and iOS) and Webapp thanks to Bluetooth® 5.0 and Wi-Fi.	Rechargeable batteries and Recharger options	Select between: Connection type Recharging options Sensors App or Webapp	Zero Waste with Rechargers.

RECHARGING TOOLS

The Pure Vision™ controllers are equipped with **rechargeable** lithium batteries, which enables the Rain Smart Irrigation System to be entirely self-sufficient and sustainable.

You can choose between two charging tools: the Vision Turbine, which uses **water energy**, and the Luce Vision panel, which powers the programmer through the **energy of the sun's rays**.

TURBINA VISION
Hydroelectric Microturbine

TECNICAL FEATURES

Maximum flow: 50 l/min
Working pressure min./max.: 1-6 bar
Cable length: 5m
Inlet/Outlet thread: 1" M
IP68 Connection

LUCE VISION
Solar Panel

TECNICAL FEATURES

Maximum power generated: 0.5 W
Cable length: 5m
IP68 Connection

AMICO VISION
Rechargeable Tap Timer

TECNICAL FEATURES

Tap timer

Connectivity: Bluetooth® 5.0

Compatible with Nuvola WiFi Vision for Internet connection via 2.4GHz Wi-Fi

Number of zones: 1

Inlet thread ¾"-1" F (metallo)

Outlet thread ¾" M

Working pressure: min. 1.0 bar - max. 6.0 bar

Max. flow: 40 l/min

9 Vdc diaphragm electric valve

Removable control unit

ABS Body

Display protection cover

Type of power: Li-ion 18650 2000mAh 3.6V

Micro-USB inlet for recharge

Rain Sensor input (jack connector)

PROGRAMMING FEATURES

Programming interface: Rain Vision App (iOS and Android)

Number of Programs: 2

Start Time per program: 1

Run time: from 1 min to 480 min

Watering frequency: from every 6 hours up to once 15 days

CONNECTIVITY

PURE VISION
Rechargeable Valve Box Programmer IP68

TECNICAL FEATURES

Controls latching solenoids 9 Vdc valves

Number of Zones: 1 - 2 - 4 - 6

IP68 protection (body and connections)

Type of power: Li-ion 18650 2000mAh

Connectivity: Bluetooth 5.0

Compatible with Nuvola WiFi Vision for Wi-Fi 2.4 GHz connection

Compatible with Turbine and Luce Vision for recharge

Permanent memory: programming and settings remain also without power supply

PROGRAMMING FEATURES

Programming interface: Rain Vision App (iOS and Android)

Number of Programs:
- 2 for standard mode
- 4 for advanced mode

Start Time per program:
- 1 for standard mode
- 6 for advanced mode

Run time (per zone/station): from 1 min to 480 min

Watering frequency:
- By intervals (standard and advanced mode)
- Weekly and/or even/odd days (advanced mode)

Function ON/OFF: general - programs - days - zones

Pause from 1 to 300 days

Pump Control Function (Master valve) programmable by zone

Budget: 10% to 200%

Rain sensor input programmable by zone

Zone delay from 0 to 240 seconds

ZENIT VISION
Outdoor 24 Vac Wall-mounted Controller

TECNICAL FEATURES

Controller for 24Vac electric valves

Number of zones: 6, 8, 12 and 16

Outdoor controller

Internal transformer:
Input: 220Vac, 50Hz, 30VA
Output: 24Vac, 1.25A"

Connectivity: Bluetooth 5.0

Compatible with Nuvola WiFi Vision for Internet connection

Built-in rechargeable back up battery for time keeping (7 days)

Permanent memory: programming and settings remain also without power supply

PROGRAMMING FEATURES

Controller management via Rain Vision App

Number of Programs: 4

Number of start times per program: 6

Run time (per zone/station): from 1 min to 480 min

Frequency.
- By intervals and/or Weekly (from controller and App)
- Even/odd days and/or Calendar * (can only be set on the Rain Vision App)

Pause from 1 to 300 days

Independent output for Master Valve

Independent output for Pump Control (programmable by zone/station)

Fertigation function

Seasonal Adjust (Budget): 10% to 200%

Rain sensor input (programmable by zone/station)

*Zone delay from 0 to 240 seconds (can only be set on the Rain Vision App)

The **Nuvola WiFi Vision** device is designed to meet the professionals' needs to manage their customers' systems remotely, wherever they are.

It is the tool that allows the Vision programmers to **connect to the Internet** and, therefore, to communicate with the smartphone, PC or tablet.

NUVOLA WiFi VISION
Wi-Fi device for controllers management via the Internet

TECNICAL FEATURES

Connectivity: Bluetooth® 5.0

2.4 GHz Wi-Fi connectivity

Type of power: USB Type-A 5V - 1A

Max. pairable devices: 10

CONTROLLERS SMART FUNCTIONALITIES
APP PROGRAMMING

	AMICO VISION	PURE VISION		ZENIT VISION
CHARACTERISTCS				
TYPE	Tap Timer	Rechargeable Valve Box Programmer IP68 for 9Vdc Solenoid Valves		Outdoor Programmer for 24Vac Solenoid Valves
TYPE PF POWER	Lithium battery	Lithium battery		Internal transformer 220Vac
NUMBER OF ZONES	1	1, 2, 4, 6		6, 8, 12, 16
USER INTERFACE	Rain Vision App Display Rotary	Rain Vision App		Rain Vision App Display Rotary Keys Led
RAIN SENSOR INPUT	●	●		●
PROGRAMMING				
MODE	STANDARD	STANDARD	ADVANCED	ADVANCED
PROGRAMS	2	2	4	4
START TIME PER PROGRAM	1	1	6	6
RUN TIME PER ZONE	1-480 min	1-480 min	1-480 min	1-480 min
WATERING FREQUENCY	By intervals	By intervals	By intervals Weekly Even/odd days	By intervals Weekly Even/odd days
EXTRA FEATURES				
RAIN SENSOR PER ZONE	○	○	●	●
WEATHER PER ZONE	○	○	●	●
BUDGET	○	○	●	●
DELAY PER ZONE	○	○	●	●
MASTER VALVE	○	○	●	●
PUMP CONTROL	○	○	●	●
FERTIRRIGAZTON	○	○	○	●
ON/OFF/PAUSE				
GENERAL ON/OFF	●	●	●	●
PROGRAMS ON/OFF	○	○	●	●
ZONES ON/OFF	○	○	●	●
DAYS ON/OFF	○	○	●	●
1 – 300 DAYS PAUSE	○	○	●	●
WEATHER PAUSE	●	●	●	●

VISIT OUR SITE RAINVISION.IT FOR MORE INFO ON THE VISION SYSTEM