Smart Irrigation

PURE VISION 2.0

Pure Vision is the rechargeable and remotely manageable valve box controller of the Vision™ system. The battery is kept charged at all times by solar power or water from the system itself, thanks to the Vision Luce and Vision Turbine recharging systems, reducing maintenance costs and use of environmentally harmful waste such as alkaline batteries. It is conveniently programmed from a smartphone, PC or tablet via the Vision App, choosing between standard or advanced programming as needed. Ideal for monitoring irrigation anywhere, anytime.

Technical Features

- Controller type: Valve-box
- IP68 watertight (submersible)
- Power supply: 18650 rechargeable lithium battery - 2,000 mAh 3.7V
- Power supply: 4 alkaline batteries 1.5 volts (AAA) not included
- Recharging mode: Via USB cable
- Bluetooth 5.0 BLE connection
- Internet connection: Via Nuvola WiFi Vision
- Rain sensor input
- Pump/master valve control outlet
- Removable control unit
- Low battery signal
- Maximum number of zones: 6
- Models available: 1, 2, 4 and 6 zones

Programming Features

- EASY mode: via Rain Vision App
- PRO mode: via Rain Vision App
- ONE-BY-ONE mode: via Rain Vision App

Codice	Name	Model
200.2150000	PURE VISION	1 ZONE
200.2250000	PURE VISION	2 ZONES
200.2450000	PURE VISION	4 ZONES
200.2650000	PURE VISION	6 ZONES

Model	H	P	L
Pure Vision 2.0	12,9 cm	5,8 cm	12,5 cm

EASY mode

The EASY programming mode is designed for the management of balconies and small gardens, and can be approached by everyone.

Programming allows irrigation to be managed with two programmes and one start time per programme, the watering frequency can be set from once every 6 hours per programme (a total of 8 times per day) to a minimum of once every 15 days.

PRO Mode

The PRO programming mode is designed for more technical applications such as seeding and rolling lawns.

The high number of starts (6 starts per programme) allows the irrigation installer and maintainer to manage large systems with ease.

ONE-BY-ONE mode

The ONE-BY-ONE programming mode allows for totally elastic irrigation scheduling, designed to manage each individual solenoid valve independently.

This programming mode allows you to enter the start time and watering frequency for each individual solenoid valve.

Internet Access

The controller is Internet-ready via the Nuvola Vision hubs. The controller will connect via Bluetooth to the Nuvola device, and the irrigation system will be accessible and manageable via Wi- Fi or cellular network.

Recharge

The rechargeable lithium battery always included in the controllers can be kept charged by the Turbina Vision, Luce Vision, and Docking station devices. By integrating one of these charging devices, the irrigation system becomes energy independent and there will be no need to replace batteries.

Vision App

The Vision app is available on Google Play and App Store for smartphones and tablets.

9 Vdc solenoid

Battery-operated controllers control 9Vdc latching solenoids. The control unit will send an electrical signal at the start of irrigation to open the solenoid valve and a signal at the end of irrigation to close the solenoid valve.

BLE

It stands for Bluetooth Low Energy.

It is a version of the Bluetooth protocol designed to consume much less energy than classic Bluetooth, while still maintaining good short-range wireless communication capability.

This is the current Bluetooth 5.0 inter-device connection technology.