INSTALLATION
RESIDENTIAL
GARDEN

RESIDENTIAL GARDEN

COMO 2026

1000M² – 6 ZONES – VISION – RAIN SENSOR

THE CONTEXT

EFFECTS OF AUTOMATION ON WATER CONSUMPTION

Existing small-to-medium-sized residential 24V irrigation system, managed with a traditional controller with no rain sensor or other sensing devices. The irrigation cycle schedule **did not account for rainfall**, with cycles running even on rainy days.

THE RAIN SOLUTION

SMARTIFICATION OF THE SYSTEM WITH SENSING TECHNOLOGY

Replacement of the traditional controller with the 10-zone Ionic Outdoor, managed via Bluetooth. The system features 3 independent programmes: irrigation, cistern refilling, and swimming pool refilling. To manage these three distinct requirements, the PRO programming mode of the Vision App was selected – in a simpler context, the Easy mode would have been sufficient. The installation is completed by a **smart rain sensor** with the threshold set at 5 mm, which automatically adapts irrigation cycles to real weather conditions.

PRODUCTS:

Ionic Vision Outdoor
10 zones

Rain sensor
Acqua Vision

App Vision
PRO programming mode

THE STUDY IN FIGURES

21,30%

WATER SAVING

52.000 litres

VOLUME SAVED

1 May 2026 – 30 June 2026

PERIOD

13 out of 61

STOP DAYS

THE RESULT

OVER 1/5 IN WATER EFFICIENCY

During the monitoring period May–June 2026 (61 days), the rain sensor blocked irrigation on 13 rainy days when rainfall exceeded the set threshold (>5 mm). The comparison between theoretical consumption without sensor (244,000 L) and actual consumption with the sensor active (192,000 L) shows a saving of 52,000 litres of water, equal to **21.3% of the total.**

THE RESULT