

Dosajet-L and **Dosajet-H**, are fertigation units with injection dosing system.

The dosing units can be configured for the installation in parallel with the main power pump, or directly connected to the pipe of the system.

Dosajet-**H** version is different from Dosajet-**L** because it has been designed to manage the fertigation in big areas and thanks to its one of a kind high dosing capacity it fears no rivals.

Dosajet can be equipped with 4 fertilizers dosing channels and 1 acid dosing channel with variable area flowmeters.

Stay up-to-date: with Spagnol, **your green friend!**

Fertilizers dosing capacity:

- Dosajet : 600 l/h per channel.

Valves and sensors connections:

- By normal electric cable.
- By digital S-Bus with Expansion Box.
- By long distance radio communication.

Injetion fertigation dosing unit.

SPAGNOL

Dosajet L Dosajet H

DESIGNED&PRODUCED BY SPAGNOL



*{.....we take care of growing things,
we are designers by nature.....}*



Dosajet L Dosajet H

Spagnol Dosajet fertigation units is suitable for open irrigation system. Nutritive solutions can be directly diverted to cultivation (direct irrigation) or they can be stored into tanks to use them later on for the irrigation (indirect irrigation).

The **SWC** (soil water content) sensors for the humidity control of substrate and soil, the **Drenamatic** for the drainage control and **Gravimatic** for the irrigation management by weight, as well as many other climatic sensors, can be easily connected to the Dosajet in order to create an integrated system for the cultivation's management.

In addition to the fertigation control, DosaJet can **manage the climate** in the greenhouse in up to 4 climatic zones for 4 periods a day. In terms of nutrition and microclimate, it collects and processes a large amount of data and information, that can be subsequently processed to improve the production.

With **Vision On-Premises** and **Vision Cloud** services, the user has always the complete remote control of the entire system by his smartphone, tablet or PC.



Vision

Everywhere and anytime connected.

Crop growing sensors

SWC, Drenamatic, Gravimatic.



Greenhouse climate control

4 Climatic zones.
4 Periods per day.



Irrigation systems

Open.



Main technical data:

Fertilizer dosing capacity:	Dosajet L up to 600 l/h for each channel / Dosajet H up to 1500 l/h for each channel.
Fertilizer suction channels nr.	Up to 4 / with visual flow meter.
Acid/basic suction channels nr.	Up to 1 / with visual flow meter; diluted or concentrate acid solution.
Valves command nr.	Up to 70 irrigation valves, irrigation quantity by time or volume.
EC sensors:	2 EC sensor with temperature measurement and compensation.
pH sensors:	2 pH glass electrode sensor.
User interface:	Standard industrial keyboard.
Dosage type:	Total EC / Proportional (estimated).
Irrigation Programs:	40 multi-function irrigation programs.
Type of irrigation systems:	Open loop.
Irrigation management:	Time, light sum, with SWC sensors, with drainage quantity (Drenamatic), with substrate weight (Gravimatic).
Weather station:	Weather station with sensors on request (wind / rain / temperature / humidity / solar radiation).
Greenhouse climate management:	Up to 4 zones with 4 periods per day. Command of: vents / heatings / screens / cooling / fog / CO ₂ / inflation.
Other programs:	Fog and antifrost system management/ filters washing / system washing.
Communication:	PC supervision by Vision On-Premises / mobile supervision by Vision Cloud.



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