Agriculture   Greenhouse

GALCON

GSI PRO

Irrigation & Fertigation Management

Cloud based ● 2 Irrigation Heads ● Analog Inputs ● EC/pH Fertigation   **TOTAL CONTROL**

GSI PRO

Irrigation & Fertigation Management

Total Irrigation and Fertigation Control
Unique control capabilities from anywhere
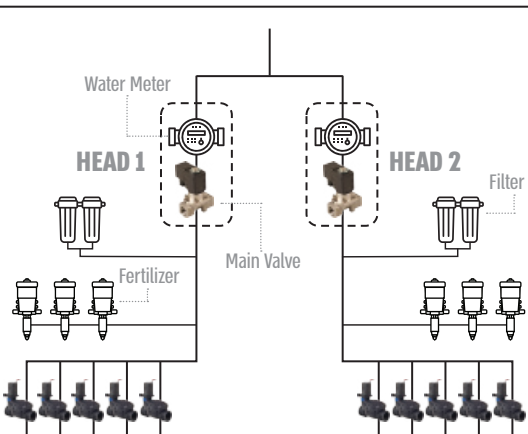and at anytime with precision and simplicity.

Agriculture Greenhouse Galcon

Control of 2 Irrigation Heads

Full control of 2 irrigation
heads including water
meters, fertigation, filters
flush at each head.

Water Meter
HEAD 1 HEAD 2 Filter
Fertilizer Main Valve

24 Start Times per Irrigation Program

Operating up to 24 valves
+ 1 master valve.
DC Latch or 24 VAC

Cloud Based

Unit or project monitoring and
controlling.
From anywhere, any time with app
or on PC desktop
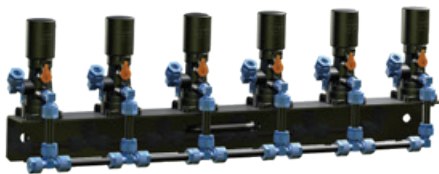
Filters Flushing

Dedicated control module for
automatic filter arrays control.

GSI PRO

Analog Inputs for Sensors

25.1 °C
37 RH %

Up to 5 analog inputs
4-20 mA or 0-10 VDC.
For any sensor such as
pressure, temperature,
tensiometers, etc.
3 free inputs for choosing
between Analog or
Digital.
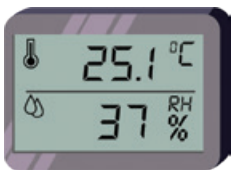
8 Fertigation Programs with EC & pH Control

Full control over Galcon Fertijet fertigation machine.
3 fertilizers channels + 1 acid channel with complete
EC/pH close loop control.
Or up to 3 local fertilizers for each irrigation head.

Start
YES
NO
End
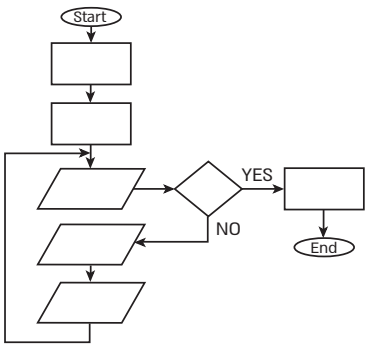
Conditional Input Table for Easy Setup

Advanced options for integrating
logical conditions into irrigation
programs.

TOTAL CONTROL

GSI PRO

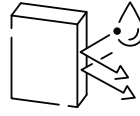## Irrigation & Fertigation Management

Advantages:

Management & control of irrigation and fertilization

Friendly web interface

Weather resistant casing

App control

Advanced graphical interface

Features:

- Control of up to 24 valves + Master
- Accurate fertilizing, proportional or quantitative with EC/pH
- Automatic filters flushing programs
- One way Remote Terminal Units
- Multiple users at different permission levels
- 8 Irrigation programs (series) with no limit to the number of starts per day
- Compatibility with a wide range of AC or DC solenoids
- Over The Air (OTA) Firmware updates
- Detailed set of reports: Irrigation logs, water consumption
- An array of real-time email alerts and / or push notifications from the app
- Real time over/under flow alert
- Irrigation by quantity or time
- Weather based irrigation option
- Units location on Google Map
- Indoor and Outdoor installation

TOTAL CONTROL

GSI with Gal1way Radio capable of operating valves up to 5 km

Technical Characteristics:

- DC Controller - operated by Lithium batteries or Solar panel.
- AC Controller - 24 VAC 50/60 Hz
- Internal antenna
- Local LCD panel for basic operations and information

Sensors and Accessories

Water meter

Rain Sensor

Pressure gauge

Temperature gauge

Tensiometer

EC/pH Control

Models:

GSI-PRO AC   24 VAC 50/60 Hz
GSI-PRO DC   Lithium batteries
GSI-PRO DC   Solar panel with rechargeable batteries