GalPro - AC&DC Controller

Compact stand alone and easy to program irrigation controller

Galcon Kfar Blum **Tel.** 972-4-6900222 **Fax.** 972-4-6902727
Email info@galconc.com **Website** www.galconc.com

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Compact stand alone and easy to program irrigation controller.

GalPro is a smart controller with advanced irrigation and fertilizing functions that fits the needs of today's modern agriculture.

GalPro excels in advanced hardware and software technology. It is a reliable controller that adjusts easily to different applications.

GalPro Available in AC and DC models. Available in 4 or 8 outputs.

GalPro equipped with friendly interface and can be easily programmed and operated using the central selector and 7 touch keys.

GalPro DC Powered by internal standard 4X1.5V D type batteries with no need for solar panel. Operating DC latch solenoids.

GalPro AC Powered by 110/220 VAC and able to operate 24 VAC solenoids.

Outputs:

- 4 or 8 irrigation valves (depends on the model).
- Master valve.
- Fertilizing pump (by time, quantity or proportional).
- Operates by 2 filters (by time or Δ P).
- Alarm output.
- Galpro AC can operate up to 7 valves simultaneously including: Master, Fertilizer, Filter, and 4 Valves.

Inputs:

- 4 water meters.
- Fertilizer meter.
- 3 condition inputs dry contact operated.

Irrigation and Fertilizing:

- Irrigation by quantity or by time.
- 8 independent sequences.
- Water budget can be increased or decreased using %.
- Irrigation scheduling by interval or weekly schedule.
- Fertilizing with the following options: time, proportional, quantity.
- Log allows the user to access history of irrigation and alarms.
- Accumulated fertilizer and water quantities for each valve.
- Master valve delay can be set.
- Manual operation of valves, sequences and filter flushing is possible.
- Low battery alarm.

Technical Information:

- DC model operated by 4 internal D-1.5V batteries or by external 12V.
- AC model powered by 24V (with transformer from 110/220).
- The controller is equipped with non volatile memory that keeps the programming data during power loss.
- A 9 VDC battery can be plugged in the AC model to keep time, date and current information in case of power loss. In this case the controller will pause and resume operation when power is back.

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