

inlineFC16

Fertigation Controller

The Core of Control

Automate your irrigation and fertigation system with **inlineFC16**, **Agrotecna's** robust, agile, and expandable controller. Configure custom programs, monitor key variables, and manage everything in real time through an intuitive touchscreen or remotely from your smartphone. Its modular architecture and compatibility with RTUs make it a versatile solution for greenhouses or open-field crops.



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Technical Specifications

Configure multiple programs, activate valves, control injectors, and manage backflush cycles with complete autonomy.

Irrigation Programs (50): Supports continuous or cyclic irrigation, by volume or time. Free valve association within each program.

Fertilization Programs (20): Proportional fertilization, based on EC, pH, volume (continuous or pulsed), or flow rate.

Injectors: Configuration of up to 8 independent injectors.

Alarms: Notifications for fertilizer depletion, uncontrolled fertilization, EC or pH deviations, pressure variations, flow rate changes, or lack of irrigation water.

Event Logs: Automatic logging of every irrigation and fertilization event, with real-time traceability.

Filter Backflush: Management of up to 8 filters, including pressure-sustaining valve control. Programmable automatic cleaning by differential pressure, time, or both.

Per-Valve Totals: Detailed history of water and fertilizer volume applied through each valve in the system.

Power Supply: 220 VCA

Outputs: 16 opto-isolated triac outputs at 24 VAC.

Digital Inputs: 9 inputs for flow meter and fertilizer counters.

Analog Inputs: 5 inputs for pH, EC, and pressure sensors (pre- and post-filtration).

RTUs: Control of up to 20 RTUs, each with 4 valves.

Expansions: Scalable up to 64 additional outputs.



AGROTECNA
CONTROL SYSTEMS