

710AP Controller

Propagation and Irrigation Controller



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The 710AP is a battery operated controller with a two-wire DC latching solenoid, designed for propagation, misting and irrigation cycles. The 710AP provides advanced programming capabilities for all types of commercial, greenhouse and nursery applications, and features logical, revolving menus for simplified programming and review.

Features

- Powered by two AA alkaline batteries with a safe period of 60 seconds to replace without losing power
- Watering flexibility with a selection of watering frequencies including weekly, odd, even, or cyclical between 1 and 30 days, and daily options from 1 to 12 hours or 1 to 59 minutes
- Duration can be set in seconds, minutes or hours

Convenient

- Seven buttons with integrated high resolution screen
- Easy to program with EasyFlow™ navigation flow
- Intuitive icon-based programming
- Available with 3/4" or 1" NPT or BSP inline globe valves

Built to last

- Captured solenoid plunger and spring for easy maintenance
- Completely waterproof (IP68)
- Extended battery life



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Programming Features

- Custom program-scheduling using a weekly calendar, odd days, even days, intervals from 1-30 days utilizing a yearly calendar with leap year, and daily options from 1 to 12 hours or 1 to 59 minutes
- Five start times per day in normal mode and one start time per day with watering intervals of every 1 minute up to 12 hours in propagation mode
- Durations of up to 5 hours and 59 minutes in 1-minute increments in normal mode or from 5 seconds to 59 seconds in 1-second increments in propagation/misting mode
- Monthly seasonal adjustment with the option to reduce the program duration setting to 5% of normal or to increase it up to 200% in 5% increments without modifying the controller's program duration in irrigation schedules
- Irrigation suspension for up to 99 days with auto restart; resumes irrigation automatically



S-305DC VDC Solenoid & Adapters



DIG's S-305DC is an encapsulated, watertight, two-way magnetic latching solenoid that requires minimal power to operate. The S-305DC is used with the 710AP-XXX battery operated controllers and others. With seven solenoid adapters available, the S-305DC can replace conventional solenoids on most valves, enabling DIG controllers to operate most brand name valves using DC power.

How to specify

Model	Description
710AP-000	Including adapters for DIG, Rain Bird, Hunter and Toro valves
710AP-075	3/4" FNPT inline valve
710AP-100	1" FNPT inline valve
710AP-075BSP	3/4" inline valve
710AP-100BSP	1" BSP inline valve