



Single Station Propagation & Irrigation Controllers



Features

- Use for irrigation and propagation
- Automatic, semi-automatic and manual operation
- Operate with R710DC solenoids with internal manual bleed for ON/OFF operation, which mount on most brand name valves using one of seven valve adapters
- Irrigation suspension override (rain mode)
- Withstand harsh climatic conditions – rated IP68, the highest attainable code classifying the degree of protection against water intrusion (completely sealed and waterproof)
- Two mounting configurations including valve clip mounting and valve box wall mounting
- Powered by one 9-volt alkaline battery (not included) featuring low power consumption
- Program stored for up to 20 seconds during battery change
- Digital display with blinking low battery indicator
- Latching solenoid for reliable operation
- 3 year warranty

Programming Features

- 7-day programming schedule or intervals from 5 minutes to 30 days in irrigation mode
- Four start times per day in irrigation mode
- Watering durations from 1 second to 1 hour in 1 second increments in propagation mode
- Up to 60 start times per hour with every 1, 5, 15, 30 minutes and 1 hour for any limited period of the day with specific time setup every day in propagation mode
- Monthly water budgeting from 10%-190% in 10% increments
- Rain delay up to 30 days

Electrical Specifications

- Power source: 9-volt DC (one 9-volt DC alkaline battery, not included)
- Battery life: up to 1 year
- Temperature range: 38°F to 130°F (3°C to 54°C)
- Solenoid: two-way magnetic latching, bi-directional pulse (included with 710.000P)

How to specify

Model	Description
710-075P	Controller on 3/4" in-line valve
710-100P	Controller on 1" in-line valve
710-150P	Controller on 1 1/2" in-line valve
710-200P	Controller on 2" in-line valve

Single & Four Station Battery Operated Controllers



Features

- Operate one valve or up to four stations with sensor and master valve (four station) without AC power hookup
- Four button keypad with an integrated LCD display
- Easy to read AM/PM clock
- Independent programming for each valve (four station)
- Can operate two valves simultaneously (four station)
- Digital icon indicates station in operation (four station)
- Automatic, semi-automatic and manual operation
- Operates with R710DC latching solenoids *For solenoid specifications, see page 44
- Irrigation suspension override (rain mode)
- Master valve wires included with the four station model
- Withstand harsh climatic conditions - rated IP68, the highest attainable code classifying the degree of protection against water intrusion (completely sealed and waterproof)
- Mount to valve or valve box wall
- Powered by one 9-volt alkaline battery (not included) featuring low power consumption
- Program stored for up to 20 seconds during battery change
- Single station includes the solenoid
- 3 year warranty

Programming Features

- Watering durations in 1 minute increments from 1 minute to 12 hours
- Independent programming for each valve with four start times per day (four or six station)
- 7-day programming schedule or intervals from 1-30 days
- Monthly water budgeting from 10%-190% in 10% increments
- Rain delay up to 30 days
- Waiting mode for the third valve in operation (four station)
- Digital display with blinking low battery indicator

In-line Valve Features

- Internal bleed, manual override for manual ON/OFF
- High flow with low pressure loss
- Rugged, reinforced self-cleaning diaphragm provides reliable operation even with contaminated water
- Flow control handle for water flow adjustment and manual shutoff

Anti-siphon Valve Features

- Anti-siphon valve combines a remote control valve and backflow preventer in one unit
- Constructed of UV resistant, glass reinforced nylon bonnet with a stainless steel spring and non-corrosive materials
- High flow with low pressure loss
- Operates in a wide range of flow rates
- Flow control handle for water flow adjustment and manual shutoff

- External or internal manual bleed allows quick and easy valve opening and closing
- Excellent leak-free performance utilizing self-cleaning EPDM diaphragm and seal design assembly
- Encapsulated EPDM seal washer built-in into the atmospheric backflow assembly
- Manual or automatic operation
- Encapsulated solenoid plunger for quick and easy service and maintenance

Electrical Specifications

- Power source: 9-volt DC (one 9-volt alkaline battery, not included)
- Battery life: up to 1 year
- Temperature range: 38°F to 130°F (3°C to 54°C)
- Solenoid: two-way magnetic latching, bi-directional pulse (included with 710.000)

Controller & Valve Dimensions

- Controller only: 4.2" H x 5" L x 3.6" W
- Controller with 3/4" or 1" valves: 8" H x 5" L x 3.6" W
- (20 cm H x 12.7 cm L x 15 cm W)
- Controller with 1 1/2" or 2" valves: 10.5" H x 8.5" L x 5" W
- (27 cm H x 22 cm L x 12.7 cm W)

Materials

- Controller: ABS

How to specify	
Model	Description
710-000	Single station controller w/solenoid
740-000	Four station controller only
746-000	Six station controller only
710-011	With actuator
710-075	With 3/4" in-line valve
710-100	With 1" in-line valve
710-150	With 1 1/2" in-line valve
710-200	With 2" in-line valve
710-ASV-075	3/4" ASV with 710 battery controller
710-ASV-100	1" ASV with 710 battery controller

*For Valve Specifications and Pressure Loss Charts see page 66