

INTERNATIONAL

Headlines

Hunter® Irrigation News & Insights

Dependable, Wireless System Control for Sites With No Electrical Power

At traffic medians and roundabouts, rural properties, construction sites and municipal parks, contractors around the world are finding Hunter's Wireless Valve System to be a great solution for many projects.

The Wireless Valve System delivers water savings, as each control unit (WVC) can have a weather/moisture sensor attached to override the automatic program. Every WVC controls up to 4 valves, each with their own unique program of day schedules,

start times and run times. In addition, vandalism can be reduced since the WVC can be locked in the valve box.

The Wireless Valve System also provides ease of maintenance and better system management. A single hand-held programmer (WVP) can manage hundreds of control units with up to 1000 unique security codes. Plus, you can download and retrieve programs and battery life status at a distance of 30 meters.

No battery-operated control product on the market is as easy to operate or dependable to use – battery life is guaranteed through a full season! ■



Programs can be downloaded and retrieved up to 30 meters from a vandal proof valve box.

Low Flow Products can Maximize Your System's Efficiency to Save Money, Save Water

Hunter wants you to know that landscape systems can be both highly energy efficient and water efficient by using the latest irrigation technology.

Selecting the right products can help reduce system installation costs, use smaller pipe sizes, fewer valves and smaller controllers which will lower your materials costs. The resulting faster installation time will reduce labor costs. In addition, expenses on system maintenance will also be reduced through lower water consumption and lower pumping costs.

To lower your costs, consider these Hunter products that provide low pressure, low precipitation solutions:



Hunter stream spray nozzles apply water at 1/3 the application rates of traditional spray heads. Strong water streams resist wind interference and work perfectly at 2 bars (20 kPa) pressure for shrubs and flowerbeds.

The new Hunter PGJ rotor is the perfect replacement for traditional "water hungry" spray head zones. Applications rates are 1/2 to 1/3 of normal spray systems and have much better water distribution at a lower angle of trajectory.

The revolutionary I-60 rotor uses Precision Distribution Control™ technology to cover large turf areas with up to a 19 meter radius, operating efficiently at pressures of 1 bar (100 kPa) less than traditional sports rotor sprinklers. ■



Precision Distribution Control® permits excellent distribution uniformity at low pressure and low flow.

Low application rates of PGJ systems result in more water efficient irrigation.



I-90: Replaces Big Impacts with all the Benefits of a Rotor

Many large area parks and sports fields have installed old brass impact sprinklers spaced at 22 to 28 meters. Now, with the I-90 rotor, Hunter offers an efficient retrofit replacement for these installations that will provide a great deal of additional benefits unheard of in an impact:



I-90 increases water use efficiency and reduces maintenance costs for old impact sprinkler systems.

- ✓ An extra thick heavy-duty rubber cover to keep playing area safe
- ✓ A relatively small exposed surface area to minimize potential liability issues
- ✓ A “closed case” pop-up design that keeps dirt and debris out of the seal area, reducing maintenance requirements
- ✓ The triple nozzle Pressure Port™ system that provides efficient distribution to eliminate nasty brown circles on the turf
- ✓ A heavy-duty retraction spring and anti-drain check valve which reduce potential problems even further
- ✓ Quick access with a pull-up socket and “jar top” body cap that makes any maintenance fast and easy (no parts or tools required)

The new I-90 rotor provides a radius up to 29.3 meters. In effect, the I-90 boasts the power of a golf sprinkler, but without a cumbersome body and flange.

For big, big areas you don't need a big, big head. Just a head that delivers big, big results – the new Hunter I-90. ■



Hunter I-90s in action.



Flow-Clik™ Shuts Down Ruptures and Overflows Before Any Damage

Installation of Hunter's new Flow-Clik flow sensor can help ensure that a break in your irrigation system will be shut down before serious damage can occur. Flow-Clik will help identify abnormally high system flow situations, such as breaks in piping or broken sprinklers, that could lead to substantial property damage, flooding and water loss.

Flow-Clik provides automatic shut down of irrigation programs and valves at a user-set level of system flow. The unit's weatherproof interface panel allows user customized input of flow setting and time delays in start-up and resetting of the sensor.

Flow-Clik has the potential to significantly reduce water loss, erosion damage and maintenance costs in any irrigation system that is susceptible to vandalism or mechanical damage. In addition, it is compatible with all standard 24-volt controllers and is designed to retrofit into most residential and commercial piping systems. ■



Hunter's new Flow-Clik™ sensors automatically shut down system if an overflow occurs.

ICV Valve Family Grows with New 80mm Version

Hunter has introduced the ICV-301G, a high-pressure rated electric control valve with 80 mm (3") globe and angle configuration inlets and outlet. This latest extension to the popular ICV line can handle an operating pressure of 15 bars (150 kPa) due to its rugged glass-filled nylon construction, heavy-duty design and fabric reinforced fully supported diaphragm.

The ICV family of valves now boasts a very broad flow range of 0.9 up to 1,100 liters/minute, with minimal pressure loss and gentle operation to reduce the chance of water hammer that could damage the system.

ICV valves are now available in a variety of sizes from 25 mm to 80 mm. Each model includes standard features, such as flow control, manual internal bleed and captive components, to deliver dependable performance for all installations. The ICV also offers easy optional upgrades like the Accu-Set™ pressure regulator and Filter Sentry™ dirty water installation diaphragm assembly to provide reliable system control solutions under the most demanding conditions. ■



BATTERY-OPERATED CONTROL UP TO 4 ZONES WITH NEW SVC MODEL

Hunter introduced the Smart Valve Controller (SVC) as a way to reliably provide automatic operation of an irrigation system without the need for direct electrical connection. Now, we've expanded our SVC line to accommodate the needs of multiple-zone areas with our new 4-station version.

The SVC-400 allows each zone to have completely independent programming, of up to 9 start times per day, flexible day-of-the-week or interval watering from 1 to 31 days, and up to 4 hours run time per valve.



Boasting exceptional reliability, the SVC-400 is watertight to a depth of 3.5 meters. It is also able to operate in systems with pressure up to 14 bars (1400 kPa) when using Hunter SRV and PGV valves; or up to 15 bars (1500 kPa) when using ICV valves. The unit can simultaneously operate one to four valves with latching solenoids at a distance of 30 meters from the controller and also incorporates a sensor circuit for any of Hunter's weather sensors.

A single 9 volt battery will power this new 4-station control system for at least one full year; built-in non-volatile memory ensures the controller's programs will never be lost. ■

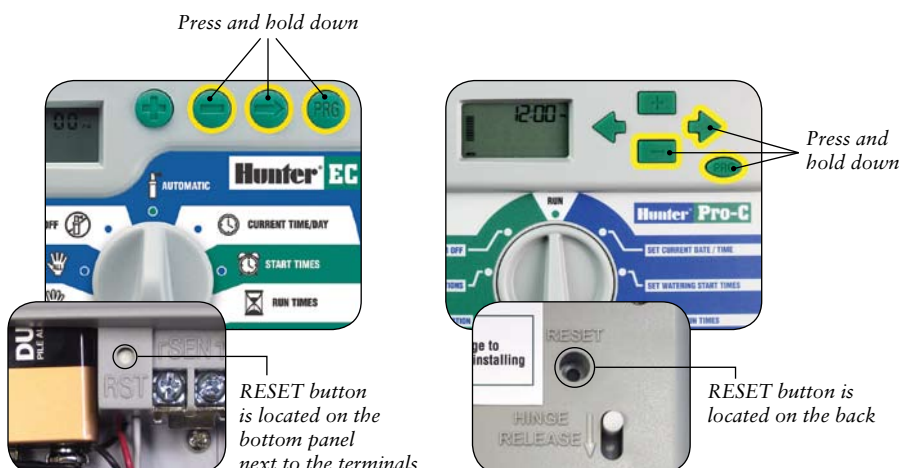
Resolve Dirty Power Problems with Easy Controller Resets

The most common customer calls on controllers are caused by spikes and variations in the inlet power supply (dirty power) that often freeze or scramble the LCD or microprocessor of any unprotected electronic device.

Hunter controllers have a simple process to resolve these problems. Frozen displays can be restored just by pressing the controller "reset" button. There is also a simple process to reset scrambled microprocessors that takes only a few seconds to restore factory settings to your controller:

EC, Pro-C, & ICC Controllers


- 1 Press and hold down the PROGRAM, MINUS, NEXT buttons
- 2 Momentarily press and release the reset button
- 3 Release the PROGRAM, MINUS, NEXT buttons




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with New 80mm Version



Wireless Rain Sensor for
International Use

Wireless Rain Sensor Specifically for International Use Now Available

The Wireless Rain-Clik™, one of Hunter's most popular sensor products, is now available in a model designed specifically for use in international markets. The Wireless Rain-Clik-INT now combines the reliable water-saving benefits of Hunter's Rain-Clik with wireless communication technology that allows the sensor to be installed up to 100 meters from the controller without the need to run communication wires.

The Wireless Rain-Clik-INT also incorporates Hunter's unique "Quick Response™" feature that shuts down irrigation system operation as soon as rain begins to fall instead of having to wait for water to accumulate to activate the sensor. A time delay to reset the controller is easily set by the user, and a built-in bypass switch allows the delay to be overridden to operate the system manually if required.

Installation of the unit is fast and trouble-free. ■

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