

A Site for the World to See



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Situated on just over 404 hectares in the heart of Europe's second-largest metropolis, the Seventh Arrondissement of Paris is arguably one of the most interesting architectural areas in the world. Its landmarks include the Eiffel Tower, Orsay Museum, French National Assembly, and Hôtel National des Invalides, to name a few. As many of the structures in the area were constructed throughout different periods of France's rich history, the area literally serves as a living expression of European cultural and architectural heritage.

Perhaps one of the least known, but most inspiring structures in the Seventh Arrondissement, is the home of the United Nations Educational, Scientific and Cultural Organization (UNESCO). Located at 7 Place de Fontenoy in the shadows of the Eiffel Tower, UNESCO is a United Nations agency that promotes "Global visions of sustainable development based upon observance of human rights, mutual respect and the alleviation of poverty." UNESCO headquarters hold a special place in this particular part of France because of both how and when the complex was constructed.

UNESCO was formed from the ashes of World War II in a philanthropic effort to combat Nazi ideology and promote global unity. In 1953, when the time came to design an official home for the organization, UNESCO leadership thought their building should be a direct reflection of their mission. In order to accomplish this, they sought out some of the most accomplished architects in the world such as Marcel Breuer of the United States, Pier Luigi Nervi of Italy, and Frenchman Bernard Zehruss.

The collaboration of these brilliant minds resulted in a three-wing structure that is widely considered to be one of the most creative architectural feats of its time. The original building features three intersecting wings designed to serve as a physical example of unity just as the organization's mission suggests. The structure, whose official nickname has become the "Three-Pointed Star", has stood proudly in the shadows of France's most prestigious landmarks ever since its inauguration on November 3, 1958. Accompanying the structure was a beautiful landscape designed to offer an ambiance of peace and serenity.

With the addition of three new buildings and several outdoor sculptures from artists around the world, the UNESCO site has long been considered an ever-evolving example of architectural innovation. Because of its status as such, it has served as a major attraction among architecture insiders and general tourists alike. However, after nearly a half century of diplomatic service, over time the building began to show signs of deterioration. As the new century approached, then UNESCO Director Kōichirō Matsuura decided to put large-scale renovation plans into action to give the entire complex a 21st century facelift both inside and out.

Among the renovation's most important projects was the restructuring and reengineering of the irrigation system for the site's expansive lawns, which play host to many outdoor events, meetings, and speeches. To ensure its turf would be as green, crisp and water-

waste free as possible, project contractors IDFA/G2E elected to use a unique combination of Hunter Industries products including I-20 rotors, PGJ rotors, Pro-Sprays®, ICV valves, and the ACC Decoder controller. Hunter products were chosen because of their reliability, innovative qualities, and conservation-focused options.

While the whole of UNESCO's renovation ran through the better part of a decade, the timing of its irrigation installation was much tighter. In the autumn of 2009, a new UNESCO Director was to be elected, and the grounds were ordered to look as beautiful and green as ever for the occasion. By the time plans were approved and merchandise was purchased, the Hunter and IDFA/G2E teams had just one month to turn trenches into turf. As the microphones were

arranged on the podium and the press began to gather for the ceremony, the only thing shining brighter than the lawns of the revitalized UNESCO complex was the smile of the newly elected director herself.

Now, over a year removed from the renovation's completion, the UNESCO building still sparkles both inside and out as a gleaming example of its namesake's ambitious mission. While this building's place as the most famous architectural site of the Seventh Arrondissement of Paris may be questionable, its status as most inspirational goes on without question. It truly is a site for the world to see. >>

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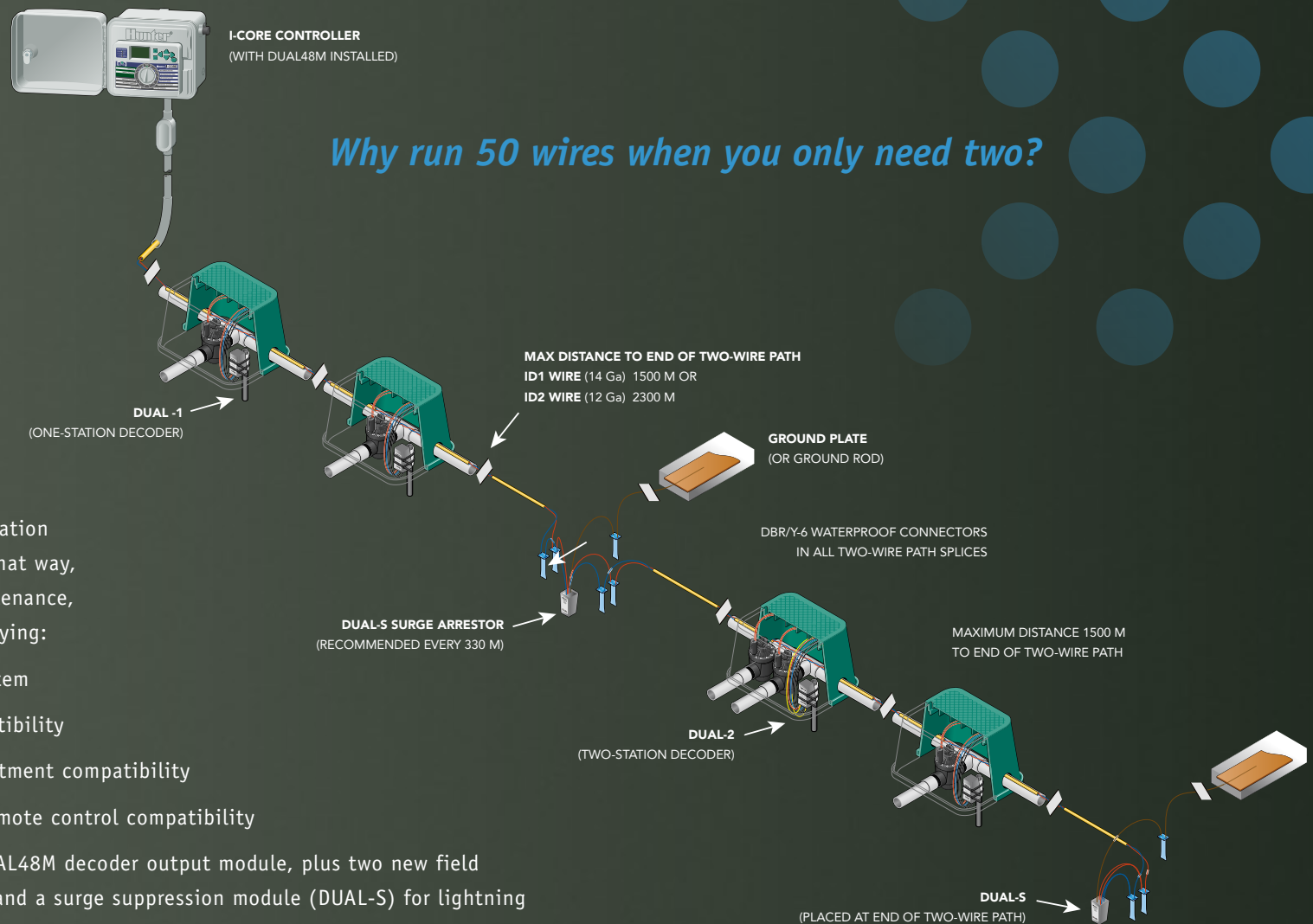
Two-Wire Freedom for All is Now Available: Introducing the I-Core Dual

Hunter Industries' latest product release is the I-Core Dual, which is a two-wire control system for the I-Core controller platform. With all the intelligent features of I-Core, upgrading to Dual means installers can work even more intelligently and quickly.

Two-wire controls send both power and signal to multiple irrigation valves over a single pair of wires, with the ability to activate any individual valve. What sets the Dual apart from the competition is that it offers compatibility with the I-Core controller, as well as the simplest installation and user-interface functions available. That way, installers can see savings in labor, maintenance, troubleshooting, and wire, all while enjoying:

- Economical two-wire decoder system
- Real time flow monitoring compatibility
- "Smart" Solar Sync weather adjustment compatibility
- Pre-wired license-free wireless remote control compatibility

The DUAL system is comprised of the DUAL48M decoder output module, plus two new field decoder modules (DUAL-1 and DUAL-2), and a surge suppression module (DUAL-S) for lightning protection. >>



DUAL48M I-CORE MODULE

The module is what makes it Dual. Simply install the DUAL48M module to any I-Core, and your controller is now two-wire ready. With a capacity of up to 48 stations, I-Core Dual is able to be customized for any size job. And with the flexibility of two-wire technology, it's a snap to expand the number of stations of a pre-existing system without additional wiring.



DUAL48M Module installed

CUSTOMIZABLE SURGE PROTECTION

With DUAL-S surge suppressors, any system is easily designed for your region's level of surge protection needs.

SIMPLE, RELIABLE DECODERS

Hunter's all-new Dual decoders are waterproof, color-coded, and field programmable. They keep the power in decoders but take the mystery out.



DUAL Decoders

DUAL



Wireless Rain-Clik™ and Rain/Freeze-Clik Update

Hunter Industries' Wireless Rain-Clik and Rain/Freeze-Clik products have recently undergone some engineering innovations that are sure to make both products an even bigger hit among designers, contractors, and installers alike.

First, the radio frequency has been changed from 315 MHz to 433 MHz, which means the frequency is now approved for worldwide use. Design improvements were made to the rain sensor switch and battery compartment to improve overall performance and reliability. The electronics are now completely encapsulated in epoxy to prevent water intrusion into the electronics.

Using the same plastic sensor housing as the Solar Sync, the radio and associated electronics can be placed inside the sensor, instead of having the radio attached to the bottom of the sensor. And, as requested by a large number of Hunter customers, an improved shorter, rigid antenna has been incorporated as well.

Changing the radio frequency requires a unique part number because the new components are not compatible with the older models. The updates to the Wireless Rain-Clik and Rain/Freeze-Clik products will be offered as a running change to old-model production. Once the remaining inventory is shipped, it will be replaced with the updated models, except to meet customer demand for spare parts. >>



Model	Description	Carton Qty.
WR-CLIK	Wireless Rain sensor with Quick Response System	12
WR-CLIK-R	Wireless Rain-Clik receiver	12
WR-CLIK-TR	Wireless Rain-Clik transmitter	12
WRF-CLIK	Wireless Rain/Freeze sensor	12
WRF-CLIK-TR	Wireless Rain/Freeze transmitter	12

Note: Wireless Rain-Clik not available in some areas due to local regulatory authority approvals of 433 MHz band

The Wireless Solar Sync: Conservation Across the Board

Hunter has long been considered the irrigation industry's leader in developing the most advanced conservation-focused products. The Wireless Solar Sync weather sensor is just another example of why.

Solar Sync features built-in rain and freeze shutoff functions, as well as sensors that measure ET (evapotranspiration). What makes Solar Sync so amazing and convenient for system operators is

that all of these functions are combined in a single unit. Since only one unit is connected to a controller, the controller has the capability to make real-time adjustments to system runtimes based on a more diverse array of information.

With an irrigation system that automatically reacts to changing weather conditions and temperatures, landscapes are always assured to get only the water they need—nothing more, and nothing less. >>



Solar Sync sensor



Solar Sync receiver

Did You Know?

The Institutional and MPR40 brands have new names.

NEW NAME: PROS-PRS30

Old Name: Institutional

The brown-capped PROS-PRS30 comes standard with an in-stem 2.1 bar pressure regulator.



NEW NAME: PROS-PRS40

Old Name: MPR40

The gray-capped PROS-PRS40 is matched perfectly with the MP Rotator and has a 2.8 bar in-stem regulator.



Hunter provides a 5-year warranty for the entire Pro-Spray® line. >>

Hunter®

Safer Play, Increased Durability: A Result of Hunter I-90 Innovations

Hunter's I-90 rotor is one of the sports turf industry's longest-distance rotary sprinklers. It's a unique, long-range performer for block-designed irrigation systems. From the efficiency, durability, and reliability standpoint, it's hard to beat.

In order to increase the safety of those who tread upon this rotor's surrounding turf, Hunter has developed a new Rubber Cover Kit for the I-90. The new kit features a soft rubber outer boot combined with a flat upper surface to optimize playability. Two versions are available. One for the adjustable I90-ADV and the other for the full-circle I90-36V.

Two new nozzles will also become available in the near future for the I-90. The smaller #25 nozzle and the larger #73 nozzle were created to enhance and expand the I-90's versatility for sports turf designers everywhere. These nozzles are retro-compatible with all prior products.

Full product information is available in the 2011 Hunter Industries catalog, downloadable any time at www.hunterindustries.com. >>



I-90: Overall height: ADV/36V: 28 cm
Exposed diameter: 9 cm
Inlet size: 1½" female NPT or BSP

Turf cup kit (P/N 467955)

Rubber cover kits
(P/N 234200, P/N 234201)

SPECIFICATIONBUILDER

MODEL	STANDARD FEATURES	FEATURE OPTIONS	NOZZLE OPTIONS
I-90 = 8 cm (3") pop-up	Plastic riser, check valve, and 8 nozzles	ADV, ARV, 36V, 3RV, B ADV = Adjustable arc ARV = Adjustable arc and reclaimed water ID 36V = Full circle, opposing nozzles 3RV = Full circle, opposing nozzles and reclaimed water ID B = BSP inlet threads	#25 to #73 = Factory installed nozzle number

EXAMPLES

I-90 - ADV - B	8 cm (3") pop-up, adjustable arc, with BSP inlet threads
I-90 - 36V - B - 43	8 cm (3") pop-up, full circle, opposing nozzles, BSP inlet threads, and #43 nozzle
I-90 - 3RV - B - 63	8 cm (3") pop-up, full circle, opposing nozzles, reclaimed water ID, BSP inlet threads, and #63 nozzle

Accu-Sync™ : Valve Pressure Regulation Made Easy

Properly regulating water pressure saves water and extends the lifespan of any irrigation system. The new Accu-Sync from Hunter Industries is compatible with any Hunter valve and makes setting the right pressure for any zone a very simple process. The adjustable model enables zone pressure to be set anywhere between 2 and 8 bar. Fixed pressure models remove the guesswork altogether, and allow a fixed pressure option to be selected based on the irrigated zone.

Built to last through all conditions and terrain types, the Accu-Sync's construction is pure technological innovation. The swivel assembly provides tool-free installation and a durable housing for the solenoid and regulator. It also allows the regulator to be easily positioned to fit within the valve box. Glass-filled nylon construction makes it strong enough to handle the rigors of any project.

To see a short educational video demonstrating just what the Accu-Sync can do for you, please visit www.hunterindustries.com/Support/TrainingVideos/. >>



Hunter®

Do More With X-Core

Hunter is proud to announce the arrival of the X-Core controller. X-Core was developed as the next generation of residential controllers—and as test results have shown—it's poised to make a major impact.

Built to include all the incredible standard features of the existing XC controller platform, the X-Core also adds:

- 1) Solar Sync ET sensor capability: Automatic weather-based irrigation control resulting in reduced annual water usage
- 2) Hunter remote capability: Eases maintenance and installation by extending your reach to the controller.

With the release of the X-Core residential controller, Hunter is clearly continuing to demonstrate a stringent commitment to advancing water conservation technology in every way possible. >>

