

Controllers



	SRC	EC	Pro-C	ICC PLASTIC CABINET	ICC METAL CABINET	ICC STAINLESS STEEL CABINET
Applications						
Residential	✓	✓	✓	✓		
Light Commercial			✓	✓		
Large Commercial/Institutional				✓	✓	✓
Type of Controller						
Indoor	✓	✓	✓	✓	✓	✓
Outdoor		✓	✓	✓	✓	✓
Pedestal Mounting					✓	✓
Features						
Number of Programs	3	3	3	4	4	4
Master Valve/Pump Start Circuit	✓	✓	✓	✓	✓	✓
Seasonal Adjust/Water Budget		✓	✓	✓	✓	✓
Programmable Rain Delay		✓	✓	✓	✓	✓
Rain Sensor Bypass	✓	✓	✓	✓	✓	✓
True Odd/Even Watering	✓		✓	✓	✓	✓
Interval Watering		✓	✓	✓	✓	✓
Cycle and Soak				✓	✓	✓
Programmable Delay Between Stations		✓	✓	✓	✓	✓
Accessories						
Remote Control Ready	✓		✓	✓	✓	✓
Upgradeable to Central Control	✓		✓	✓	✓	✓

SRC

Simple. Convenient. Economical. The versatile controller that delivers Hunter quality to smaller sites.

Sophisticated technology and built-in convenience isn't limited to just the most expensive products. The SRC controller offers a proven track record of Hunter quality and reliability, as well as some of the features you'd assume might only be available on high-priced units. The SRC offers dial programming and a full three programs, each with four start times, plus such conveniences as a built-in 365-day calendar and a rain sensor bypass circuit – just the right features for the needs of smaller landscapes. Available in either 6- or 9-station models, the SRC is housed in a rugged cabinet that offers a polished, professional look. For economy, simplicity and dependability...you won't find a better value.



Easy one-button manual start and advance is offered on all Hunter dial controllers.

FEATURES & BENEFITS



Dial programming

Easy program entry for installers and end-users

3 programs (A, B and C) with multiple start times

Accommodates repeat watering requirements

365-day calendar

Accommodates odd/even watering restrictions, maximum flexibility

Rain sensor bypass

Quick override of rain sensor, no separate switch required

Large wiring compartment with handy terminal strip

Fast installation, extra space to work

Non-volatile memory

Excellent insurance against unreliable power; retains current time, day and program data

Remote control ready

Supplied with connection for SRR and ICR remote controls



MODELS

- SRC-600i – 6-station, Indoor Model with 120 VAC Plug-in Transformer
- SRC-900i – 9-station, Indoor Model with 120 VAC Plug-in Transformer
- SRC-601i – 6-station, Indoor Model without Plug-in Transformer
- SRC-901i – 9-station, Indoor Model without Plug-in Transformer

DIMENSIONS

- SRC
8¼" H x 8½" W x 2¼" D
(21 cm H x 22 cm W x 6 cm D)

SPECIFICATIONS & FEATURES

- Station run time: 0-99 minutes in 1-minute increments
- Start times: 4 per day, per program, for up to 12 daily starts
- Day schedule: 7-day calendar or true odd-even programming with 365-day calendar clock
- AM/PM or 24 hour clock option
- Start time stacking
- One button manual start and advance
- Transformer input: 120VAC, 60 Hz (transformer not included with export units)
- Transformer output: 24VAC, 0.75A
- Station output: 24VAC, 0.3A per station
- Maximum total output: 24VAC, 0.6A, includes master valve circuit
- Battery: Not required for program backup. 9 volt alkaline battery may be used to program controller in absence of AC power.
- Non-volatile memory for program data (no battery required to maintain program)
- Master valve output: 24VAC, 0.3A
- Overload fuse: 0.75A, spare fuse provided
- Surge protection: primary MOV-type
- Rain sensor override compatible with most major brands
- Preset test cycle on program "C"
- UL listed
- Central control compatible with Hunter IMMS™ system

AS EASY TO INSTALL AS IT IS TO USE

The SRC controller is easy to use. Even easier to install, with an exceptionally large wiring compartment and a handy provision for conduit, as well as a wall mounting bracket. There's no measuring, no pilot holes, no special templates necessary. Just position the bracket, install two screws (provided) and hang the controller. Once again, easy does it.



SPECIFICATION GUIDE

EXAMPLE: **SRC - 600i**

MODEL
SRC

FEATURES

- 600i = 6-Station Controller, Indoor Model with 120 VAC Plug-in Transformer
- 900i = 9-Station Controller, Indoor Model with 120 VAC Plug-in Transformer
- 601i = 6-Station Controller, Indoor Model without Plug-in Transformer
- 901i = 9-Station Controller, Indoor Model without Plug-in Transformer

EC

A proven track record combined with an economical price make this controller ideal for tract housing installations.

A masterpiece of modern technology that brings together the most desirable features, bundles them in a small, attractive package, and makes everything simple and easy to use. The new EC is designed for those who don't want a big controller, but do want one with all the features that meet their irrigation requirements. Available in 2-, 4- and 6-station indoor and outdoor models, the EC offers all the features you would expect to find only on more expensive units – on-screen water budgeting for seasonal adjustment, interval watering options, station delay, one-touch manual start and advance and non-volatile memory (plus, it boasts a sturdy protective cabinet that includes a lockable case). Best of all, no controller is simpler to install and program. Both the faceplate and the easy-to-read LCD display feature internationally-recognized icons that make programming a snap. The EC controller. Just the latest example of how Hunter makes advanced engineering simple.



The EC can be programmed under battery power.

FEATURES & BENEFITS



Intuitive dial programming

Enhanced dial design features easy grip, effortless program entry for installers and end-users

Seasonal adjustment (from 0% to 150%)

Easy on-screen adjustment (in 10% increments) alters the amount of watering to accommodate weather changes

3 programs with multiple start times

Accommodates repeat watering requirements, morning, afternoon and evening

Large LCD display with interactive icons

At-a-glance viewing makes programming easy, regardless of language

Choice of independent day scheduling options

For maximum watering flexibility (select days of the week or interval up to 31 days)

Weather sensor compatible

Incorporates hook-up capability to rain, moisture, temperature or wind sensors

Non-volatile memory

Excellent insurance against unreliable power; retains current time, day and program data



Available in indoor or outdoor models, the EC offers reliable operation for small residential systems.

MODELS

- EC-200i/201i – 2-station indoor controller
- EC-400i/401i – 4-station indoor controller
- EC-400/401 – 4-station outdoor controller
- EC-600i/601i – 6-station indoor controller
- EC-600/601 – 6-station outdoor controller

DIMENSIONS

- Indoor Model:
5½" H x 5¾" W x 2" D
(13.3 cm H x 14.6 cm W x 5 cm D)
- Outdoor Model:
8⅝" H x 7" W x 3¾" D
(22 cm H x 17.8 cm W x 9.5 cm D)

SPECIFICATIONS & FEATURES

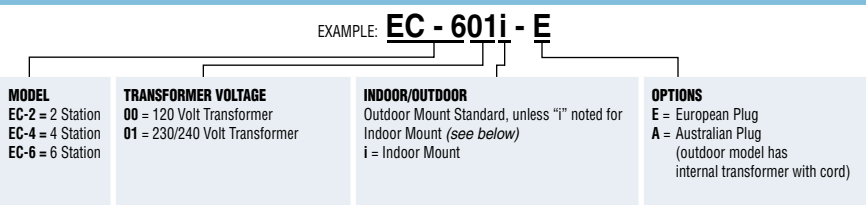
- 3 programs: A, B, C
- Start times: 4 per day, per program, for up to 12 daily starts
- Station run time: 0 minutes to 4 hours in 1-minute increments
- Day schedule: 7-day calendar or interval (1-31 day) watering
- AM/PM or 24-hour clock option
- Start time stacking
- Simple, one-touch manual start and advance
- Seasonal adjust: 10-150% in 10% increments
- Transformer input: 110VAC, 60 Hz
- Transformer output: 24VAC, 0.625A
- Station output: 24VAC, 0.28A per station (max. 1 valve)
- Maximum total output: 24VAC, 0.56A includes master valve circuit
- UL listed
- Battery: Not required for program backup. 9 volt alkaline battery may be used to program controller in absence of AC power
- Non-volatile memory for program data (no battery required to maintain program)
- Master valve output: 24VAC, 0.28A
- Electronic short circuit protection
- Surge protection: Primary MOV-type
- Controller will track time for 4 weeks in the event of a power outage (even without a 9 volt battery)
- Rain sensor override by manual operation
- Hunter Quick Check™ helps troubleshoot field wiring problems

NON-VOLATILE MEMORY: YOUR INSURANCE AGAINST UNRELIABLE POWER

In the event of a power failure or if AC power is suspended from the controller by the user, Hunter's non-volatile memory will maintain program information forever, without the need for a battery. The unit's normal watering will resume when AC power is restored. Non-volatile memory is standard on every SRC, EC, Pro-C and ICC; and it's the ideal feature for areas prone to lightning strikes or rolling blackouts.



SPECIFICATION GUIDE



Pro-C

A complete family of modular, full-featured residential and light commercial controllers.

No need to bring along a variety of different-sized controllers to see which one is best for the job. With its ability to customize to the particular size you need (from 3 to 15 stations), the Pro-C will always be the right choice. A modular system also makes inventory a breeze – there are only three different units to stock (indoor cabinets, outdoor cabinets and station modules). But, modularity isn't all this controller has to offer, with great features such as three programs with multiple start times, independent day scheduling options, "one touch" manual start and rapid advance, a programmable event day off, robust heavy-duty locking plastic cabinet, and superior surge protection. Pro-C: delivering maximum flexibility for landscapes that require a minimal number of stations.



Innovative modular design allows the Pro-C to be custom tailored to any project.

FEATURES & BENEFITS



Versatile modular design

Simplified inventory management; easily customize unit to desired number of stations

Large LCD display for simplified programming

Easy to read for schedule review and entry

Three programs (A, B, C) with multiple start times

Independent programming handles many different watering requirements

Choice of independent day scheduling options

Days of the week, odd/even or 31-day interval for maximum flexibility

Global water budget/seasonal adjustment

Easily change run time of all zones from 10% to 150%

Non-volatile memory

Holds programs indefinitely; excellent insurance against unreliable power

Superior surge protection and self-diagnostic short circuit protection

Microcircuits are protected from electrical spikes, no fuses to worry about

Remote control ready

Supplied with connection for SRR and ICR remote controls

MODELS

- PC-300i – base model indoor plastic cabinet with plug-in 120VAC transformer, expands to 15 stations
- PC-300 – base model outdoor locking plastic cabinet with 120VAC transformer, expands to 15 stations
- PCM-300 – 3-station plug-in module for use with any PC controller model
- PCM-900 – 9-station plug-in module for use with any PC controller model (expands Pro-C station capability to 15 stations with 1 PCM-300 installed)

DIMENSIONS

- Indoor Model:
8.3" H x 9.6" W x 3.7" D
(21.1 cm H x 24.4 cm W x 9.4 cm D)
- Outdoor Model:
8.9" H x 9.9" W x 4.3" D
(22.6 cm H x 25.1 cm W x 10.9 cm D)

SPECIFICATIONS & FEATURES

- Outdoor models, 120VAC transformer with internal junction box
- Indoor model, 120VAC three prong plug-in transformer
- Station output 24VAC .56 Amps
- Transformer output 24VAC 1.0 Amps
- Capable of operating equivalent of 3 solenoids simultaneously
- Operating Temperature: 0 to 150° F
- NEMA rated outdoor cabinet
- UL Listed
- 4 start times per program for repeat watering needs
- Up to six hours run time on each station
- Automated chronological ordering of start times/start time stacking
- 365-day calendar with leap year intelligence
- Programmable event day off allows specific day(s) to be designated as always "off"
- Rain Sensor bypass switch compatible with micro-switch based sensors, displays when sensor is active
- Programmable delay between stations of zero seconds to 4 hours for well recovery or slow-closing valves
- Programmable rain delay for 1 to 7 days
- Compatible with Hunter's SRR and ICR remote control system
- Programmable pump/master valve circuit by station
- Hunter Quick Check™ helps troubleshoot field wiring problems
- Test program feature allows for quick system checks
- Central control compatible with Hunter IMMS™ system

REMOVABLE FACE PLATE: THE POWER OF DESKTOP PROGRAMMING IS IN YOUR HANDS



With the removable face plate on the Pro-C controller, simply detach the front panel of the unit and perform programming functions from a variety of different locations. Take the face plate with you and walk around the yard as you set the program (visiting each different zone as you program it). Program the controller from the comfort of your office before taking it to the customer's site for installation. Or, hand the panel over to your customer during installation and let them sample the programming features.

MODULES: DESIGNED TO MAKE EVERYTHING EASIER

It's designed to fit virtually any residential or light commercial need. It's designed for flexibility right at the job site. It's designed to keep an installer's inventory to a minimum. What is it? It's the modular design of the Hunter Pro-C controller. Beginning with a 3-station



base unit, you can expand the controller up to 15 stations. Thus,

a contractor no longer needs to stock ten different types of controllers (3-, 6-, 9-, 12- and 15-station units in both indoor and outdoor models)...he simply needs to keep on hand just four items (indoor and outdoor Pro-C base units and 3-station and 9-station modules).

Pro-C QUICK REFERENCE CHART

Desired Station Configuration	Order Base Unit	Plus Number of modules	Specify as:
3 Zone	PC-300 or PC-300i	no module needed	PC-300i or PC-300
6 Zone	PC-300 or PC-300i	one PCM-300	PC-600i or PC-600
9 Zone	PC-300 or PC-300i	two PCM-300	PC-900i or PC-900
12 Zone	PC-300 or PC-300i	three PCM-300	PC-1200i or PC-1200
15 Zone	PC-300 or PC-300i	one PCM-300 & one PCM-900	PC-1500i or PC-1500

SPECIFICATION GUIDE

EXAMPLE: PC - 300i	
MODEL PC = Pro-C Controller	FEATURES 300i = 3-Station Base Unit Controller, Indoor Model, Plug-in Transformer, Expands to 15 Stations 300 = 3-Station Base Unit Controller, Outdoor Model, Internal Transformer, Expands to 15 Stations
PCM	300 = 3-Station Plug-in Module for use with any PC Controller Model 900 = 9-Station Plug-in Module for use with any PC Controller Model

Superior flexibility, ease of use and outstanding water management. All together in one commercial controller.

Hunter introduced the concept of personalized construction for controllers – allowing custom tailoring to more effectively handle the odd number of stations a system may require – and the acceptance has been overwhelming. Then again, why shouldn't it be? After all, nothing else makes more sense when seeking the ideal choice to run irrigation systems at virtually any commercial site, from schools, parks and sports fields to hotels, resorts and apartment buildings. The idea is a simple one: a controller that's "built" by combining sets of "modules" to create a system that can handle up to 48 stations and handle the different irrigation needs for turf, shrubs and flower beds, as well as any special watering restrictions. Whatever size you choose, you'll enjoy all the features one could want: dial programming; a large easy-to-read display; programmable master valve; 365-day calendar; rain sensor bypass; seasonal adjustment; a choice of plastic, metal or stainless steel cabinets; and Hunter's simplified user set-up. Hunter ICC, for the ultimate in flexibility.

FEATURES & BENEFITS



Versatile modular design

Provides easy addition of more stations and simplified inventory management

4 fully-independent programs

Each with separate day cycles and 8 start times, offering total flexibility for complex landscapes

Independent day schedule options for each program

Maximize scheduling choices (select days of the week, true odd/even days, skip days up to 31 days)

Non-volatile 100-year memory

Program data is retained during power outages, without need for battery

Programmable pump circuit by station

Use pump only when needed; accommodate dual water sources

Cycle and Soak capability by station

Allows run times to be divided into repeat cycles to minimize run-off

Remote control ready

Supplied with connection for SRR and ICR remote controls



MODELS

- ICC-800-PL – 8-station controller, plastic cabinet, 32-station capacity
- ICM-400 – 4-station module for use with any ICC
- ICM-800 – 8-station module for use with any ICC

DIMENSIONS

- Plastic Cabinet (NEMA 3R rated):
11" H x 13¼" W x 4¾" D
(25.7 cm H x 33.7 cm W x 12.1 cm D)

SPECIFICATIONS & FEATURES

- Transformer input: 120/240VAC, 50/60Hz
- Transformer output: 24VAC, 1.5A
- Station output: 24VAC, 0.56A (2 valves)
- Maximum total output: 24VAC, 1.4A (5 valves), includes master valve circuit
- Master valve output: 24VAC, 0.28A
- Rain sensor override compatible with most brands utilizing a normally closed micro switch
- Seasonal adjustment: 10 to 150%
- Program "D" can run simultaneously for drip
- Self-diagnostic circuit breaker: Skips shorted stations and continues watering
- Station run times: Programs A, B, and C, 2 hours; Program D, 12 hours
- Programmable delay between stations up to 10 hours
- Programmable rain delay up to 7 days
- UL listed
- 365 day calendar
- Hunter Quick Check™ helps troubleshoot field wiring problems
- Test program feature allows for quick system checks
- Central control compatible with Hunter IMMST™ system

MODULES: "CUSTOMIZE" A CONTROLLER TO THE SIZE YOU NEED

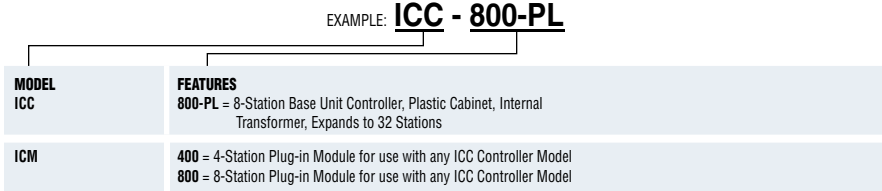
It's an idea that makes so much sense...while saving you so many dollars. Using modules that consist of four or eight stations each to build a controller up to the total number of stations desired works for both the contractor and property owner. For the professionals who stock and carry controllers, modules make inventory control easy – there's no need to estimate how many of each size controller you need to keep on hand. Now you simply stock modules. And that means, for customers whose systems require a non-standard number of stations, with modules you can customize the controller to the exact needs of the project – even if those needs change as the project grows.



ICC QUICK REFERENCE CHART

PLASTIC CABINET			
Desired Station Configuration	Order Base Unit	Plus Number of modules	Specify as:
8 Zone	one ICC-800-PL	no module needed	ICC-800PL
12 Zone	one ICC-800-PL	one ICM-400	ICC-1200PL
16 Zone	one ICC-800-PL	one ICM-800	ICC-1600PL
20 Zone	one ICC-800-PL	one ICM-800 and one ICM-400	ICC-2000PL
24 Zone	one ICC-800-PL	two ICM-800	ICC-2400PL
28 Zone	one ICC-800-PL	two ICM-800 and one ICM-400	ICC-2800PL
32 Zone	one ICC-800-PL	three ICM-800	ICC-3200PL

SPECIFICATION GUIDE



ICC Metal

The heavy-duty, feature-filled commercial controller versatile enough to handle most any site.

We've taken the advantage that modular design has to offer and combined it with the ultimate in durability to create the ideal heavy-duty commercial controller. The metal or stainless steel versions of the ICC include all of the great features that have made this unit the outstanding choice for water management among all controllers in its class. A large easy-to-read display. Hunter's simplified user set-up. Dial programming. 365-day calendar clock. Seasonal adjustment. Programmable master valve. Rain sensor bypass. It's all here. But what sets these ICC controllers apart is the added benefit of superior construction – your choice of metal or stainless steel cabinets, each built to handle the toughest of outdoor environments, each built to withstand the possibility of vandalism. In addition, these two versions also can handle an even greater number of stations...up to 48 zones!



Easy-to-install modules allow you to customize the ICC from 8 to 48 stations.

FEATURES & BENEFITS



Versatile modular design

Provides easy addition of more stations and simplified inventory management

4 fully-independent programs

Each with separate day cycles and 8 start times, offering total flexibility for complex landscapes

Independent day schedule options for each program

Maximize scheduling choices (select days of the week, true odd/even days, skip days up to 31 days)

Non-volatile 100-year memory

Program data is retained during power outages, without need for battery

Programmable pump circuit by station

Use pump only when needed; accommodate dual water sources

Cycle and Soak capability by station

Allows run times to be divided into repeat cycles to minimize run-off

Remote control ready

Supplied with connection for SRR and ICR remote controls



MODELS

- ICC-800-M – 8-station controller, metal cabinet, 48-station capacity
- ICC-800-SS – 8-station controller, stainless steel cabinet, 48-station capacity
- ICC-PED – pedestal for the ICC-800-M
- ICC-PED-SS – pedestal for the ICC-800-SS
- ICM-400 – 4-station module for use with any ICC
- ICM-800 – 8-station module for use with any ICC

DIMENSIONS

- Metal Cabinet (NEMA 3R rated):
16" H x 12¼" W x 4¾" D
(40.6 cm H x 31.1 cm W x 12.1 cm D)
- Metal Pedestal:
30" H x 11 ⅜" W x 4" D
(76.2 cm H x 28.9 cm W x 10.2 cm D)

SPECIFICATIONS & FEATURES

- Transformer input: 120/240VAC, 50/60Hz
- Transformer output: 24VAC, 1.5A
- Station output: 24VAC, 0.56A (2 valves)
- Maximum total output: 24VAC, 1.4A (5 valves), includes master valve circuit
- Master valve output: 24VAC, 0.28A
- Rain sensor override compatible with most brands utilizing a normally closed micro switch
- Seasonal adjustment: 10 to 150%
- Program "D" can run simultaneously for drip
- Self-diagnostic circuit breaker: Skips shorted stations and continues watering
- Station run times: Programs A, B, and C, 2 hours; Program D, 12 hours
- Programmable delay between stations up to 10 hours
- Programmable rain delay up to 7 days
- UL listed
- 365 day calendar
- Optional pedestal wiring board/terminal strip
- Hunter Quick Check™ helps troubleshoot field wiring problems
- Test program feature allows for quick system checks
- Central control compatible with Hunter IMMS™ system

PEDESTALS MAKE ICC A STRONG CASE FOR BEING YOUR #1 CHOICE

Available for outdoor ICC installations that do not call for wall mounting, sturdy stainless steel and metal pedestals feature an optional wiring board that makes it easier to work with large gauge wire that is common in the field. Simply bring in the field wire and attach it to the wiring board. Then, run smaller gauge wires from the board into the wiring compartment, where their thinner size is easier to maneuver. If you're looking for a rugged outdoor controller with ample features that can handle a large number of stations, and you want the unit to be easy to wire up, you'll understand why so many people want to put the ICC on a pedestal.



ICC QUICK REFERENCE CHART

METAL OR STAINLESS STEEL CABINETS

Desired Station Configuration	Order Base Unit	Plus Number of modules	Specify as:
8 Zone	one ICC-800-M	no module needed	ICC-800M
12 Zone	one ICC-800-M	one ICM-400	ICC-1200M
16 Zone	one ICC-800-M	one ICM-800	ICC-1600M
20 Zone	one ICC-800-M	one ICM-800 and one ICM-400	ICC-2000M
24 Zone	one ICC-800-M	two ICM-800	ICC-2400M
28 Zone	one ICC-800-M	two ICM-800 and one ICM-400	ICC-2800M
32 Zone	one ICC-800-M	three ICM-800	ICC-3200M
36 Zone	one ICC-800-M	three ICM-800 and one ICM-400	ICC-3600M
40 Zone	one ICC-800-M	four ICM-800	ICC-4000M
44 Zone	one ICC-800-M	four ICM-800 and one ICM-400	ICC-4400M
48 Zone	one ICC-800-M	five ICM-800	ICC-4800M

Note: For Stainless Steel cabinet, replace "M" with "SS"

SPECIFICATION GUIDE

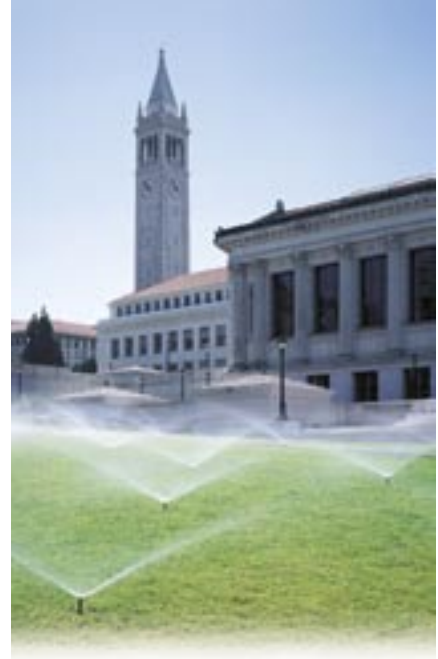
EXAMPLE: **ICC - 800-PL**

MODEL	FEATURES	OPTIONS USER INSTALLED
ICC	800-M = 8-Station Base Unit Controller, Metal Cabinet, Internal Transformer, Expands to 48 Stations 800-SS = 8-Station Base Unit Controller, Stainless Steel Cabinet, Internal Transformer, Expands to 48 Stations	PED = Optional Metal Pedestal PED-SS = Optional Stainless Steel Pedestal PWB = Pedestal Wiring Board
ICM	400 = 4-Station Plug-in Module for use with any ICC Controller Model 800 = 8-Station Plug-in Module for use with any ICC Controller Model	

IDS Decoder Controller

Two-wire decoder control in an advanced industrial package for the largest installations.

Decoders can make a large system more affordable and efficient to install, since these small control units receive both power and signals over the same pair of wires. With the IDS, you can control and adjust irrigation in the field, operating up to 103 decoder stations (plus a pump/master valve) from the controller over that single pair of wires...although you may run up to five wire paths in different directions to further reduce installation costs. Up to 64 programs are stored in the controller's non-volatile memory, allowing the IDS to water massive irrigation schedules. With such a high capacity controller, your complete system will require fewer controllers to operate all of your sprinklers, without giving up the local access (in view of your plants) that field controllers provide. Plus, the two-wire decoder path also makes retrofitting new stations after the initial installation a snap – just snip the wires, and splice in another decoder.



The special wire Hunter uses with the IDS makes it easy to expand the system as the needs of even the largest projects grow.

FEATURES & BENEFITS



Two-wire, color-coded decoder connections

Easy installation and troubleshooting

More active solenoids per controller, simultaneously

Up to 20 active stations allows greater flexibility in programming

Waterproof, epoxy-filled, solid state components

High reliability and survivability, field-proven in the harshest environments (when mounted in valve boxes and grounded as specified)

Custom lightning and surge protection

Unique in-line and end-of-line surge protectors install easily and protect your investment

Built-in thermal circuit breaker

Automatically protects against overload, self-resets when trouble is past

Four-station decoders for maximum savings

Four separate color-coded outputs for each independently controlled station, in a single device

Easy system expansion

Allows your system to grow with your irrigation needs

No additional wiring needed as your system grows

Just add decoders to existing two-wire path

IDS MODELS

- IDS-SP – Stainless Steel Pedestal:
34½" H x 18" W x 10" D
(88 cm H x 31.1 cm W x 26 cm D)
- IDS-PP – Plastic Pedestal:
35" H x 17½" W x 10½" D
(89 cm H x 45 cm W x 27 cm D)

DECODER MODELS

- ID-1: Single-station decoder (two solenoid capacity)
- ID-4: Four-station decoder (two solenoid capacity per station output)
- ID-N: In-line surge protection module (connects to earth ground)
- ID-E: End-line surge protection (connects to earth ground)

ELECTRICAL SPECIFICATIONS

- Primary (Input): 115VAC, 1A max.
- Secondary (Output): 28VAC, 2A max.

DECODER ELECTRICAL CHARACTERISTICS

- Power Draw:
- ID-1: 1 mA (idle), 20 mA (per active solenoid)
 - ID-4: 1 mA (idle), 20 mA (per active solenoid)
- Solenoid Capacity:
- ID-1: 1 to 2 simultaneously
 - ID-4: 1 to 4 simultaneously

DECODER WIRE PAIR REQUIREMENTS

- IDWIRE-1: 14/2 AWG/1.5 mm (to 10,000 feet/3000 m)*
 - IDWIRE-2: 12/2 AWG/2 mm (to 15,000 feet/4500 m)*
- * Shipped as 2500' spools

DECODER-TO-SOLENOID WIRING

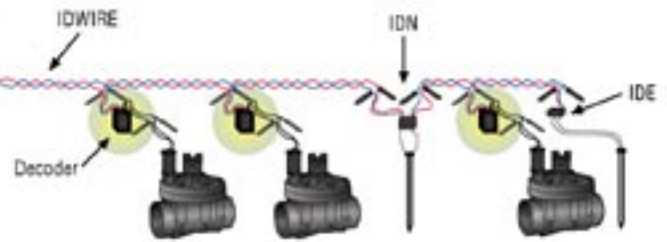
- 18 AWG/1.024 mm, twisted (150 feet/45 m)

ULTIMATE PROTECTION AGAINST SURGES AND LIGHTNING

With the IDS you get superior surge protection, increasing the probability that your system will continue to operate following electrical spikes and lightning strikes. Two types of surge protection devices are included in your system: in-line suppression units (ID-N) are placed after every few decoders throughout the system, end-line suppression units (ID-E) are positioned at the end of each wire path. Both types of units have wire leads for attachment to copper ground rods or plates.



The decoder concept is simple: run a single pair of wires from the controller (up to 15,000 feet or 4500 m), then splice a decoder into the color-coded wire pair, wherever you want to add valve control (or valve-in-head sprinklers). A short run of wire connects the decoder to the valve solenoid (up to 150 feet/45 m from decoder to solenoid).



Red & blue wires go to IDWIRE. Other color-coded wires go to solenoids.

SPECIFICATION GUIDE

EXAMPLE: **IDS - SP**

MODEL	FEATURES
IDS = Institutional Decoder Controller	PP = Plastic Pedestal SP = Stainless Steel Pedestal
ID = Institutional Decoder	1 = Single Station Decoder Component 4 = 4-Station Decoder Component N = In-line Surge Protector E = End-line Surge Protector
IDWIRE = Institutional Decoder Wiring	1 = 2-wire #14-2 cable (2500' reels) 2 = 2-wire #12-2 cable (2500' reels)
IDSCD = Optional Decoder Manager Setup & Diagnostic software and interface cable (requires laptop computer)	

ICR

Reliable and powerful long-range, multi-site remote control.

For shopping centers, industrial complexes, college campuses, condominiums and other expansive sites, if a remote control is going to work it needs the power to cover long-range distances. The ICR has a signal strong enough to go through obstructions such as buildings, walls or trees and communicate with a controller for a half mile or more. And, when nothing is in its path, the ICR can function up to two miles from the controller. The ICR is a single unit that can be carried from job to job and used to remotely access dozens of different irrigation systems (including any Hunter controller that operates with a SmartPort® system). That eliminates going back and forth to the controller to start or stop a cycle during maintenance or installation. And, the task of winterizing a system becomes a one-person job instead of two.



FEATURES & BENEFITS



Over ½ mile typical range

Control sprinklers, valves and pumps without going directly to the controller

Compatible with all Hunter controllers

Designed to work with all Hunter ICC, Pro-C and SRC controllers through a SmartPort® connection

Large LCD display, push button operation

User-friendly features make the remote simple to use

Variable remote activated station run times

Allows a one time change in station run time duration without affecting the regular program

Operates on 4 AA batteries for up to a year

Automatic shutoff extends battery life when not in use

128 different programmable security codes

Allows multiple ICR receivers to be used in the same area

MODELS

ICR-KIT – Complete Kit: transmitter, receiver, and wiring harness, 4 AA alkaline batteries

ICR-TR – Hand held transmitter only

ICR-R – Receiver unit only

DIMENSIONS

- Transmitter (w/o antenna): 6½" H x 3¼" W x 1¼" D (16.5 cm H x 8.3 cm W x 3.2 cm D)
- Receiver (w/o antenna): 6¼" H x 3" W x 1¼" D (15.9 cm H x 7.6 cm W x 3.2 cm D)

SPECIFICATIONS & FEATURES

- Address range: 0 to 127
- Maximum stations supported: 48
- Run times: Eight settings from 1-30 minutes
- Range: Up to ½ mile obstructed, up to 2 mile line of sight
- Temperature: 0-150° F
- Humidity: Up to 100%
- Transmitter:
 - 4 AA alkaline batteries (included)
- Receiver: 24VAC, 0.05 Amps from controller through a SmartPort® connector
- System operating frequency: 27 MHz band
- Install SmartPort up to 50' from controller (use SRR-SCWH shielded cable wiring harness)
- No FCC license required

SPECIFICATION GUIDE

EXAMPLE: **ICR - KIT**

MODEL	FEATURES	OPTIONS
ICR	KIT = Transmitter, Receiver and Wiring Harness TR = Hand-Held Transmitter R = Receiver Unit	A = Radio Output Australia Compliant

Consult with factory for compatibility in export markets.

SRR

Activate sprinklers without walking back and forth to the controller. Easy to use at an easy to handle price.

How does Hunter make their easy-to-use SRC, Pro-C and ICC controllers even easier to use? The industry's first residential remote. Now there's no need for a contractor to walk back to the controller to start or stop a watering cycle when doing new installation or maintenance. No need to have two workers winterize a system instead of just one. No need to get into the garage when a customer isn't home. The SRR makes it possible for contractor and homeowner alike to operate a system without having to walk to (and tinker around with) the controller. Best of all, the SRR offers features that other remotes can't – including sturdy ABS construction, internal antenna, large LCD display and 4-button operation – at a price that can't be beat.



FEATURES & BENEFITS



Remote operation of any station or program

Signal transmits up to 450 feet away

128 different programmable security codes

Allows multiple SRR systems to be used in the same area

Operates on one 9V battery for up to a year

Automatic shutoff extends battery life when not in use

Variable remote-activated station run times

Allows a one-time change in duration without affecting regular program

Weather-resistant connection port

Allows temporary outdoor connection of remote receiver

SRR: ADDED CONVENIENCE FOR YOU AND YOUR CUSTOMERS

The SRR represents the ultimate in convenience for both contractors and homeowners. For the professional, this is the one remote you can carry from job to job. Simply install a remote hookup on every controller to make checking the system and flushing lines a breeze, even when a homeowner is away. And be sure to tell your customers how the SRR can make operating their system easier for them, too – they can activate zones with their SRC, Pro-C or ICC controller from anywhere in their yard, without having to walk back to the garage. That's convenience!



MODELS

- SRR-KIT – Transmitter, receiver, wiring harness and owner's manual
- SRR-SCWH – Connection Kit with 25' shielded cable
- SRR-TR – Transmitter
- SRR-R – Receiver

DIMENSIONS

- Transmitter:
4¾" H x 2½" W x 1¼" D
(12 cm H x 6 cm W x 3 cm D)
- Receiver:
4¾" H x 2½" W x 1" D
(12 cm H x 6 cm W x 2.5 cm D)

SPECIFICATIONS & FEATURES

- Address range: 0 to 127
- Maximum stations supported: 48
- Run times: Eight settings from 1 to 30 min
- Range: Up to 450' (137 m) line of sight
- Transmitter: 9V alkaline battery (not included)
- Receiver: 24VAC, 0.01 Amps from controller
- System Operating Frequency: 315 MHz
- Install SmartPort® up to 50' from controller (use shielded cable wiring harness)
- No FCC license required

SPECIFICATION GUIDE

EXAMPLE: **SRR - KIT**

MODEL	FEATURES
SRR	KIT = Transmitter, Receiver and Wiring Harness TR = Transmitter R = Receiver SCWH = 25' Shielded Cable Connection Kit

SVC Smart Valve Controllers

Reliable battery-powered control without the need of electric connection.

For isolated sites or power-restricted areas, and for the special needs of drip zones, Hunter provides the ideal economical answer. The SVC mounts to a valve solenoid quickly and easily – without screws, drills or additional wires – and the unit’s solid construction ensures it can handle the harsh environment of a valve box. The SVC operates off a single 9-volt battery that’s guaranteed to provide power through a full season. Along with exceptional reliability, it’s also a breeze to program, with an easy to read LCD display instead of cumbersome buttons and knobs. Up to nine start times are available, offering the flexibility to handle watering schedules for such things as establishing new turf or irrigating steep slopes with low infiltration rates.

FEATURES & BENEFITS

User-friendly programming

Same easy-to-use programming style as all Hunter controllers

Latching solenoid design for minimal power consumption

9 Volt battery guaranteed to last longer than one full season

Fully submersible and waterproof to 12 feet

No moisture intrusion, even in humid valve box environments

Irrigate landscapes in remote locations

Helps reduce system installation costs

Flexible programming options

Choice of days-of-the-week or 31-day interval scheduling

Sealed battery compartment

Customized design features resin-sealed electrical components that withstand water intrusion

Weather sensor compatible

Accommodates Hunter Mini-Clik®, Rain-Clik™ and Freeze-Clik® sensors



The new SVC-400 permits automatic control of up to 4 zone valves.

MODELS

SVC-100 – Smart Valve Controller, solenoid attached (installs to any Hunter valve)

SVC-100-VALVE – Smart Valve Controller, complete kit, factory-installed on 1" PGV flow control valve (solenoid included)

SVC-100-VALVE-B – Smart Valve Controller, complete kit, factory-installed on 1" PGV flow control valve (solenoid included) with BSP threads

SVC-400 – 4-station Smart Valve Controller (solenoids ordered separately)

DC latching solenoid (part number 458200)

Designed to fit all Hunter plastic valves

DIMENSIONS

Controller: 3¼" diameter x 2" high

SPECIFICATIONS & FEATURES

- Station run time: 0 to 240 minutes in 1-minute increments
- Start times: 9 per day
- 7-day calendar or interval (1-31 day) watering
- AM/PM or 24-hour clock option
- Easy to understand icon-based display
- Simplified one button manual operation
- Programmable rain delay for 1 to 7 days
- Operates valves up to 100' away from controller
- Battery: Standard 9 volt alkaline battery (not included), one year minimum life. Battery not required for program backup.
- Memory: Non-volatile for program data
- 2 feet of prewired cable included (for programming outside the valve box)
- Clip bracket for simple installation
- Rubber cover prevents dirt and debris from accumulating on the display
- Weather sensor compatible
- Controller compatible with most common 2-wire 6-9 volt DC battery-operated solenoids (consult factory for list)



SPECIFICATION GUIDE

EXAMPLE: **SVC - 100**

MODEL	FEATURES
SVC	100 = Single-Station Controller (Solenoid Included)
	100-VALVE = Single-Station Controller with PGV-101G Valve
	100-VALVE-B = Single-Station Controller with PGV-101G-B Valve (BSP Threads)
	400 = 4-Station Controller (solenoids ordered separately)

Wireless Valve System

Rugged, reliable, multi-station, multi-function, battery-powered controller and programmer.

Traffic medians, roundabouts, rural properties, construction sites, municipal parks...all places that lack standard electric power. But with the Wireless Valve System, Hunter makes it possible for each to enjoy the benefits of automatic irrigation. Battery life is guaranteed through a full season, making replacement a simple annual task. And there's no need to reach inside the valve box to hook up a field transmitter and download program instructions; the programmer can communicate with the controller from up to 100 feet away. Combined with the user-friendly operating features, there's no battery-powered unit on the market that's easier to program. Plus, with all installed components hidden safely underground and out of view, only the Wireless Valve System is truly vandal-resistant.



FEATURES & BENEFITS



Wireless, radio-controlled operation up to 100' away

Perform system checks, programming without direct access to the controller

Latching solenoid design for minimal power consumption

9 Volt battery guaranteed to last longer than one full season

Fully submersible and waterproof to 12 feet

No moisture intrusion, even in humid valve box environments

Each valve set up with own start time, run time and day schedule

Plant types with different requirements receive the exact watering they need

Controller attaches out of sight in valve box

The ultimate in vandal-resistance

Double-sealed battery compartment

O-ring seal near threads, second seal inside cap withstand water intrusion

Weather sensor compatible

Accommodates Hunter Mini-Clik®, Rain-Clik™ and Freeze-Clik® sensors

MODELS

- WVC-200 – 2-station Wireless Valve Controller (order solenoid(s) separately)
- WVC-400 – 4-station Wireless Valve Controller (order solenoid(s) separately)
- WVP – Wireless Valve Programmer
- DC latching solenoid (part number 458200)
- Designed to fit all Hunter plastic valves

DIMENSIONS

- WVC – 3¼" D x 5" H
- WVP – 3" W x 11½" L x 2" H

SPECIFICATIONS & FEATURES

- Wireless, radio controlled operation up to 100' away
- Station run time: 0-240 minutes in 1-minute increments
- Start times: 9 per day
- 7-day calendar or interval (1-31 day) watering
- AM/PM or 24-hour clock option
- Start time stacking
- Simplified manual operation
- Programmable rain delay for 1 to 7 days
- Solenoids: Compatible with most common 2-wire 6-9 volt DC battery-operated solenoids (consult factory for list)
- Battery: Standard 9 volt alkaline battery (not included), one year minimum life. Battery not required for program backup.
- Memory: Non-volatile for program data
- Weather sensor compatible
- Frequency of operation: 900 MHz ISM Band (U.S./Australia) 869.85 MHz (Europe)
- No FCC license required

SPECIFICATION GUIDE

EXAMPLE: **WVC - 200**

MODEL	FEATURES	OPTIONS
WVC	200 = 2-Station Controller (Solenoid(s) Sold Separately) 400 = 4-Station Controller (Solenoid(s) Sold Separately)	E = Europe 869.85 MHz
WVP	Wireless Valve Programmer	

Consult with factory for compatibility in export markets.