

Hunter[®]
The Irrigation Innovators

ICC

*Superior
flexibility and
outstanding water
management in
one commercial
controller*



Versatile Modular Design



**Central Control Capable
with Hunter IMMS[®]**



**Sturdy Plastic or Metal
Pedestal Versions**



Plastic Cabinet



Metal Cabinet



Stainless Steel Cabinet



Plastic Pedestal



Metal Pedestal



Stainless Steel Pedestal

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, simplified inventory management, and easy servicing

4 fully-independent programs

Each with separate day cycles and 8 start times, offering total flexibility for complex landscapes; two programs can run concurrently

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

Modules: "Customize" a Controller to the Size You Need



It's an idea that makes so much sense... while saving you so many dollars. 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.



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

Pedestals Make ICC a Strong Case for Being Your #1 Choice

Stainless Steel or Metal Pedestals

The choice is yours—either of these two heavy-duty materials has what it takes to handle even the harshest of environments. These sturdy pedestals provide space for a wiring board (part #ICC-PWB) 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.



Plastic Pedestals

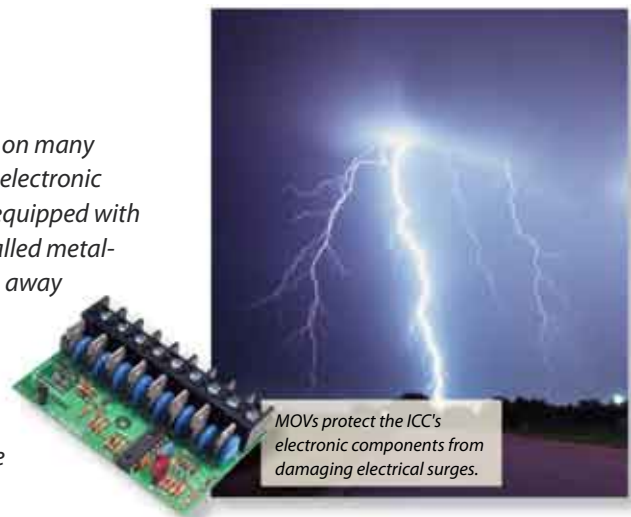
Rugged plastic pedestals that are designed to meet demanding UL and CE requirements for weather and corrosion resistance as well as UV degradation (not subject to color changes). The pedestals provide plenty of room for a full 48 stations of field wiring. Removable front and back doors make it easy to install components such as a pump start relay or Wireless Rain-Clik™. It also comes remote ready with a

SmartPort® connector mounted to a stainless steel bracket and pre-wired to the controller. Plus, the unit can easily be ordered as an IMMS™ satellite controller with all required interfaces.



Superior Surge Protection

Lightning strikes—or electrical spikes—can knock out the functions on many controllers and, on occasion, literally fry the entire unit. But the ICC's electronic circuitry is protected from such damage and destruction. The ICC is equipped with circuit boards that include spark gaps and electronic components called metal-oxide varistors (MOVs), which are designed to shunt electrical surges away from microcircuits through the controller's grounding circuit. These MOVs protect the controller from minor power surges coming in through the primary input side as well as the secondary output side. For additional surge protection, add the ICC-PWB, a wiring-board providing convenient hookup for up to 24 stations that can be added directly into the pedestal.



MOVs protect the ICC's electronic components from damaging electrical surges.

Models

- ICC-800-PL – 8-station controller, plastic cabinet, 32-station capacity
- ICC-800-M – 8-station controller, metal cabinet, 48-station capacity
- ICC-800-SS – 8-station controller, stainless steel cabinet, 48-station capacity
- ICC-800-PP – 8-station controller, plastic pedestal 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
- PWB – Pedestal Wiring Board for metal pedestal installations

Dimensions

- Plastic Cabinet: 11" H x 13¼" W x 4¾" D (25.7 cm H x 33.7 cm W x 12.1 cm D)
- Metal Cabinet: 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 ⅝" W x 4" D (76.2 cm H x 28.9 cm W x 10.2 cm D)
- Plastic Pedestal: 38.2" H x 20.5" W x 15.1" D (97 cm H x 52 cm W x 38 cm D)

Specifications & Features

- Transformer input: 120/240VAC, 50/60Hz
- Dual connection transformer for use with 120VAC or 230VAC power
- 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, display indicates when sensor is active
- Seasonal adjustment: 10 to 150%
- Program "D" can run simultaneously with Program A, B, or C for drip
- One button manual start and advance
- Self-diagnostic circuit breaker: Skips shorted stations and continues watering, no fuses to replace
- 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 IMMS™ system
- Compatible with Hunter's SRR and ICR remote control systems
- All models NEMA 3R rated for weather resistance

Minimize Run-off with Cycle and Soak

In addition to all of the other programming capabilities they have, the ICC family of controllers also includes a Cycle and Soak feature. Providing maximum program flexibility, this feature is perfect for bringing up new seed or when watering slopes or landscapes with clay soils. Simply program how long you want the station to run and the minimum amount of time to allow the water to soak in, and the controller divides up the run time automatically.



ICC Quick Reference Charts

Plastic Cabinet

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

Metal or Stainless Steel Cabinets and Plastic Pedestal

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".
For Plastic Pedestal assembly, replace "M" with "PP".

SPECIFICATION GUIDE

EXAMPLE: **ICC - 800-PL**

MODEL	FEATURES
ICC	800-PL = 8-Station Base Unit Controller, Plastic Cabinet, Internal Transformer, Expands to 32 Stations 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 800-PP = 8-Station Base Unit Controller, Plastic Pedestal, Internal Transformer, Expands to 48 Stations
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
ICC	PED = Optional Metal Pedestal PED-SS = Optional Stainless Steel Pedestal PWB = Pedestal Wiring Board

Hunter Industries Incorporated • The Irrigation Innovators

1940 Diamond Street • San Marcos, California 92078 • TEL: (1) 760-744-5240 • FAX: (1) 760-744-7461
www.HunterIndustries.com

© 2007 Hunter Industries Incorporated

P/N 700682

LIT-232

3/07