

# Hunter®

NEW



## Get Beauty and Brains

Want it all? Gorgeous turf, advanced programming capability, and an intuitive interface? Meet the I-Core. Designed for demanding commercial and high-end residential applications, the full-featured I-Core controller is easy to use, easy to install, and easy to program, with a variety of new features that will redefine irrigation intelligence.



## Switch It Up

Modular means more options. And more options mean an easy install. The I-Core plastic is expandable from 6 to 30 stations and the metal is expandable to 42, for a broad range of choices to meet all of your customer's needs.

## Go With the Flow

I-Core's real-time flow monitoring capability provides overflow protection and flow totaling to minimize the potential for water waste.



**01** I-Core's unique Diagnostic Dashboard™ provides the user with a quick and comprehensive status of the entire system and sensors in real time, the only controller in its class to offer this degree of monitoring.

**02** Boasting a bold, backlit graphic display, the I-Core is easy to read—meaning it is just as easy to program.

**03** Why change a good thing? The I-Core is new, but the programming is not. So you'll be familiar with the process when first setting up the controller.

**04** Fitted with a factory-installed SmartPort®, the controller is remote-control ready. It's also compatible with all of Hunter's sensors, including the HFS Flow Sensor, Rain-Click™, Wind-Click®, and the innovative Solar Sync.

## You Want It, I-Core's Got It

Other new features include seasonal adjustment independent by program, which can be set globally, monthly, or through Solar Sync; Easy Retrieve™ Memory to save preferred settings in case of power loss; six language options; and four fully independent programs for customizable irrigation scheduling.

## Easy-to-Read Backlit LCD Display



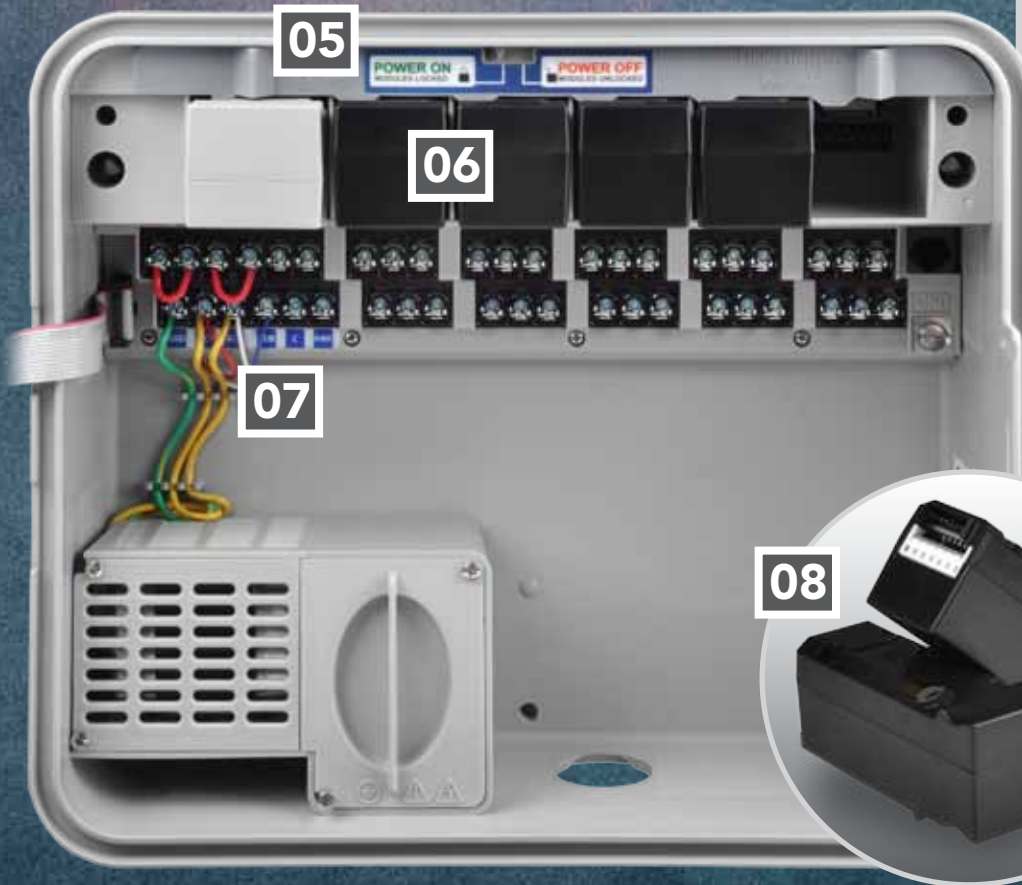
Fully language customizable: Choose from six different languages.



Seasonal adjustment independent by program: Set globally, monthly, or through Solar Sync.



Flow monitoring capability and control at your fingertips. Flow monitoring can be programmed for each station.



**05** Sliding the Power Lock turns the controller's power on or off. This permits the addition or removal of output modules and locks the modules into place in the power on position.

**06** Hunter's innovative module design allows the modules to be removed without having to adjust or remove any wires.

**07** Multiple sensor capability: Two sensor inputs for plastic model and three for metal. Sensors are programmable by station.

**08** Fully customizable to fit your varying needs. I-Core modules are available in 6-station increments. The modules include multiple levels of surge protection for high lightning areas.

## Flow Sensing Capable

Real-time flow sensing will identify a system's low flow or overflow conditions instantaneously, before resulting damage (to either the system or surrounding landscape) can occur. The user determines the threshold for what will be recognized as a "highest flow rate" and "lowest flow rate" by station. In turn, the controller will calibrate itself automatically to identify any flow below or above these pre-determined limits to be an incorrect flow condition. When the limits are exceeded, the I-Core shuts off that part of the system. To bring real-time flow sensing to the I-Core, simply add the HFS flow sensor and the corresponding FCT sensor body your piping requires.



## Models

- IC-600-PL – 6-Station base 110-volt input model with outdoor plastic cabinet, can be configured by adding modules up to 30 stations
- IC-601-PL – 6-Station base 230-volt input model with outdoor plastic cabinet, can be configured by adding modules up to 30 stations
- IC-600-M – 6-Station base model with metal cabinet, can be configured by adding modules up to 42 stations
- IC-600-PP – 6-Station base model with plastic pedestal, can be configured by adding modules up to 42 stations

## Dimensions

- IC-600-PL – 27.9 cm H x 34.3 cm W x 16.5 cm D
- IC-601-PL – 27.9 cm H x 34.3 cm W x 16.5 cm D
- IC-600-M – 31.4 cm H x 39.4 cm W x 16.4 cm D
- IC-600-PP – 97.5 cm H x 54.8 cm W x 40.3 cm D

## Specifications and Features

- Modular controller expandable from 6 stations to 30 stations (plastic cabinet) and 42 stations (metal cabinet) with 6-station ICM modules
- Unique module design allows servicing of module without removing field wires from the controller
- Large, easy to read, backlit graphics display
- Removable front panel for remote programming
- Seasonal Adjustment by Program (globally, monthly, or daily by Solar Sync)
- Seasonal Adjustment: 0% to 300%
- 4 independent programs (A, B, C, & D)
- Multi-language capability, programmable in six different languages
- Diagnostic Dashboard™ continually monitors and displays system operation for flow, station, and sensor status
- Automatic short circuit detection, skips shorted stations and continues watering, no fuses to replace
- Station run times: 12 hours
- Eight start times for Programs A, B, and C; 16 start times for Program D
- Program stack and overlap capability, any two programs can run concurrently
- Real time flow monitoring capability built in
- Flow learning by station and station level diagnostics, alarms, and shutdowns
- Flow totalizer provides cumulative flow history
- Hunter Quick Check™ helps troubleshoot field wiring issues
- No Water Window capability
- Total run time calculator
- Test program feature
- One button manual start and advance
- Easy Retrieve Memory™ backup feature can save and restore preferred program
- Factory installed SmartPort® connector for use with Hunter ROAM and ICR Remotes
- All models NEMA rated for weather resistance
- Programmable station delay up to 9 hours
- Programmable rain delay up to 180 days
- Cycle and Soak capability by station
- Transformer input: 120/240 VAC, 50/60 Hz
- Transformer output: 24 VAC, 1.5 A
- Station output: 24 VAC, 0.56 A (2 valves)
- Maximum total output: 24 VAC, 1.4 A (5 valves)
- Master valve output: 24 VAC, 0.28 A
- Multiple sensor inputs
- Rain sensor override
- UL, C-UL, CE, C-tick

## SPECIFICATIONBUILDER

MODEL	FEATURES
IC	600-PL = 6-Station base domestic model with outdoor plastic cabinet, can be configured by adding modules up to 30 stations 601-PL = 6-Station base international model with outdoor plastic cabinet, can be configured by adding modules up to 30 stations 600-M = 6-Station base model with metal cabinet, can be configured by adding modules up to 42 stations 600-PP = 6-Station base model with plastic pedestal, can be configured by adding modules up to 42 stations
ICM	600 = 6-Station module, for adding stations to base controller
▶ IC	▶ 601-PL

EXAMPLE ▶ **IC - 601-PL**

### I-CORE QUICK REFERENCE CHART

#### PLASTIC CABINET

Desired Station Configuration	Order Base Unit	Plus Number of Modules	Specify as
6 Zone	one IC-601-PL	no module needed	IC-601-PL
12 Zone	one IC-601-PL	one ICM-600	IC-1201-PL
18 Zone	one IC-601-PL	two ICM-600	IC-1801-PL
24 Zone	one IC-601-PL	three ICM-600	IC-2401-PL
30 Zone	one IC-601-PL	four ICM-600	IC-3001-PL

### I-CORE QUICK REFERENCE CHART

#### METAL CABINET

Desired Station Configuration	Order Base Unit	Plus Number of Modules	Specify as
6 Zone	one IC-600-M	no module needed	IC-601-M
12 Zone	one IC-600-M	one ICM-600	IC-1201-M
18 Zone	one IC-600-M	two ICM-600	IC-1801-M
24 Zone	one IC-600-M	three ICM-600	IC-2401-M
30 Zone	one IC-600-M	four ICM-600	IC-3001-M
36 Zone	one IC-600-M	five ICM-600	IC-3601-M
42 Zone	one IC-600-M	six ICM-600	IC-4201-M