

EI C R R IC

I-CORE®

Number of Stations: 6 to 42
Type: Modular



[? SUPPORT \(/SUPPORT/CONTROLLERS/I-CORE/\)](/SUPPORT/CONTROLLERS/I-CORE/)

The Next Generation of Commercial Control

OVERVIEW

MODELS

SPECS

DOCUMENTS

PHOTOS

The I-Core is Hunter's controller for demanding commercial and high-end residential applications. Loaded with innovative features like state of the art flow monitoring, quick system overview access, a factory-installed SmartPort®, six language capability, and a bold, backlit display, the I-Core should

versat...abinet version is expandable from 6 to 30 stations, and the metal cabinet
model...42. Adding a DUAL® two-wire...le can even expand station capability to
48. Sta... enclosure
choice...and the...in conservation-
focuse...S...C...iti...lir...s.

FEATURES

- Number of stations: 6 to 42 (48 stations with DUAL decoders)
- Type: Modular
- Enclosure: Outdoor, plastic or metal
- Independent programs: 4
- Start times per program: 8 (A, B, C); 16 (D)
- Max. station run time: 12 hrs
- Warranty period: 5 years

ADVANCED FEATURES

► **WATERSENSE® SMART WATERING CONTROLLER BY ADDING SOLAR SYNC (/NODE/36086)**

By adding a Solar Sync™ to your Hunter controller, it transforms into a smart controller using local weather conditions to tailor watering schedules to actual conditions on the site. A Hunter controller with Solar Sync has been independently proven to have a detailed list of water saving features and has been approved by the EPA as a WaterSense Smart Watering Controller. [Click here to learn more about Smart Controllers \(/smart-controller-watersense\)](#)





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► **EASY RETRIEVE™ MEMORY (/NODE/227)**

A manual back-up utility that stores complete controller scheduling and setup information in back-up memory. This allows the saved watering schedule to be restored at any time. This can be used to set a controller back to its initial settings after tampering or at the beginning of a new season.

► **ONE TOUCH MANUAL START AND ADVANCE (/NODE/239)**

Allows any program to be started manually by simply pressing and holding the right arrow key. Advance through stations in a program by pressing the right arrow key again.

► **PROGRAMMABLE RAIN DELAY (/NODE/230)**

The Programmable Rain Delay feature incorporates a user specified number of days to keep the controller in the OFF mode, then allows for the system to automatically revert back to scheduled irrigation. This will prevent watering during an extended period of



valve controller. The controller displays the number of days remaining before

valve group.

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► [QUICK CHECK™ \(/NODE/231\)](#) [\(/\)](#)

The QuickCheck feature makes field wiring issues easy to assess with the push of a button. QuickCheck displays an ERR message when a field wiring short is detected on a particular station number.

► [NON-VOLATILE MEMORY \(/NODE/236\)](#)

This feature offers protection against unreliable power, retaining current time, date, and program data.

► [AUTOMATIC SHORT CIRCUIT PROTECTION \(/NODE/223\)](#)

Automatic short circuit protection is a feature found in all Hunter AC powered controllers. This feature automatically detects electrical faults, which are typically caused by wiring issues. Only affected stations are skipped, allowing all other stations to water normally as programmed. There are no fuses to blow or internal circuit breakers to trip, so complete irrigation system shutdown is avoided.

► [SEASONAL ADJUSTMENT: GLOBAL, MONTHLY AND SOLAR SYNC FOR I-CORE \(/NODE/941\)](#)



This feature allows for quick adjustments to irrigation run times through a percentage

season, set the seasonal adjustment value. For example, if the weather conditions require a 10% increase in run times, set the seasonal adjustment value to 110%.

For the I-Core, the seasonal adjustment value is set globally for all programs.

For the ACC, the seasonal adjustment value is set for each program.

For the I-Core, the seasonal adjustment value is set globally for all programs.

Global: Provides a seasonal adjustment value to all selected programs.

Monthly: Allows users to program a seasonal adjustment value for each month of the year. This is exclusively available on the I-Core, and works by automatically changing programmed seasonal adjustment value on the first day of every month.

Solar Sync: When connected to the I-Core, the Solar Sync ET sensor implements an automatic daily adjustment based on measured local weather.

► DELAY BETWEEN STATIONS FOR I-CORE AND ACC (/NODE/9846)

Users can program a delay between stations as the controller advances from one station to the next. This delay can range from a few seconds (to permit slow-closing valves additional time to close) to a much longer period of time (to allow pressure tanks time to recharge), based on user requirements. In ACC and I-Core, Delay Between Stations may be set by individual program.

► SENSOR PROGRAMMABILITY FOR I-CORE (/NODE/9836)

Sensor Programmability feature allows the user to specify which stations should shut down in response to a sensor alarm, allowing specified stations or programs to run uninterrupted in the event of a sensor alarm.

► CYCLE AND SOAK (/NODE/224)



This water-saving feature allows the operator to specify a maximum cycle time for each

s at ours, minutes, or seconds, followed by a minimum soak time to

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c ne er Th ou dj le ac idual sta r Block of

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(/)

► **NO WATER WINDOW (/NODE/229)**

User-specified periods of time during which the controller will not allow automatic irrigation. No Water Window can be used to comply with local watering restrictions or to prevent conflicts with pedestrian traffic. This setting does not affect manual watering options for local maintenance.

► **NON-WATER DAYS (/NODE/228)**

Day(s) of the week can be programmed OFF in advance, so that irrigation does not occur regardless of program interval schedules. For example, if the gardener mows the lawn on Saturday, the Non-Water Days feature allows Saturday to be programmed OFF, so that watering will not occur.

► **SOLAR SYNC™ DELAY (/NODE/29851)**

Solar Sync Delay allows the installer to specify a number of days before automatic weather adjustment begins. This allows a period of non-adjusted irrigation for grow-in or plant establishment purposes, without requiring a return visit to the site to enable the Solar Sync water-saving feature.



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I-Core commercial irrigation controllers for residential and commercial use.

(/)



[TOTAL RUN TIME CALCULATOR \(/NODE/30346\)](#)

This calculates the total duration of a program, based on all of its station run times. This can be used to calculate the end time of a program.

[ADVANCED AC POWERED CONTROLLER COMPARISON CHART \(/NODE/28031\)](#)

[<< View Residential AC Powered Controllers \(/node/56941\)](#)

[View Battery Powered Controllers >> \(/node/28051\)](#)

"Smart" Control in Every Way

For large-scale commercial landscapes, Hunter provides a variety of traditional and two-wire control options with cutting edge advanced features that can keep any landscape green regardless of size



[\(/irrigation-](#)

[product/controllers/icc2/\)](#)



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QUICK

NUMERICAL
STATISTICS

4

0 (NOMINAL)
0 CODE

NUMBER OF
PROGRAMS

4

(/)
4

[\(/sites/default/files/icore_om/OM_ICORE_Dom_15_Programs.pdf]((/sites/default/files/icore_om/OM_ICORE_Dom_15_Programs.pdf)

VALVE WIRE
OPTIONS

Conventional

Conventional/Decoder

START TIMES
PER PROGRAM

8

8

MAX NUMBER
OF
SIMULTANEOUS
PROGRAMS

2

2

TYPE*

Modular

Modular

FEATURES

ENCLOSURE
TYPE

- Plastic Outdoor
- Metal Outdoor
- Stainless Outdoor
- Plastic Pedestal
- Stainless Pedestal

- Plastic Outdoor
- Metal Outdoor
- Stainless Outdoor
- Plastic Pedestal
- Stainless Pedestal

TRANSFORMER
TYPE

Outdoor

Outdoor

CENTRAL
CONTROL
COMPATIBLE

No (future)

No

REMOTE
CONTROL
COMPATIBLE

Yes











Yes

[\(/sites/default/files/icore_om/OM_ICORE_Dom_13_Remote.pdf\)]((/sites/default/files/icore_om/OM_ICORE_Dom_13_Remote.pdf)

FLOW
MANAGEMENT

No

No

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		SUPPORT (/SUPPORT) GET HUNTER (/GET-HUNTER) 
SOLAR SENSOR COMP	T	See the full range of products /sites/default/files/icore_om/OM_ICORE_Dom_11_SolarSync.pdf
NUMBER SENSOR INPUTS	1 (Plastic) 1 (Metal)	Plastic models 3 (Metal & Ped models) (/sites/default/files/icore_om/OM_ICORE_Dom_18_Sensor.pdf)
MAX STATION RUN TIME (HRS)	12 hr	12 hr (/sites/default/files/icore_om/OM_ICORE_Dom_39_Spec.pdf)
PUMP/MASTER VALVE OUTPUT	1	1 (/sites/default/files/icore_om/OM_ICORE_Dom_18_Sensor.pdf)
WARRANTY	5 Years	5 Years
APPLICATION		
RESIDENTIAL		
LIGHT COMMERCIAL		
COMMERCIAL		
* FIXED OR MODULAR INDICATES THE CONTROLLERS ABILITY TO EXPAND THE NUMBER OF STATIONS FROM A BASE COUNT.		

PRODUCTS

[ALL PRODUCTS \(/PRODUCTS\)](/PRODUCTS)



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SENSORS (/PRODUCT-LINE/SENSORS)



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SOFTWARE (/PRODUCT-LINE/WATER-MANAGEMENT-SOFTWARE)



VALVES (/PRODUCT-LINE/VALVES)



MICRO IRRIGATION (/PRODUCT-LINE/MICRO%20IRRIGATION)



ACCESSORIES (/PRODUCT-LINE/ACCESSORIES)



[TOOLS \(/PRODUCT-LINE/TOOLS\)](/PRODUCT-LINE/TOOLS/)

COMPARISON CHART

Check out Hunter's Comparison chart.

[VIEW CHART](#)

I-CORE CONFIGURATOR

Eliminates the guesswork & improves your bottom line

[CONFIGURE NOW \(/TOOLS/CONFIGURATOR/ICORE\)](/TOOLS/CONFIGURATOR/ICORE/)



[SELECT A LANGUAGE](#)



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(<http://www.courts.wa.gov/courts/6th/6thwritten/index.htm>)



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