

Technical Data

Hunter >

> Pro-C Programmers



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DESCRIPTION:

Application

- Modular expandable outdoor programmer for residential irrigation systems

Specifics

- Number of stations: 4 to 16 advance
- Type: Modular Pro-C
- Outdoor lockers
- Independent programs: 3
- Independent lighting programs: 3
- Daily departures per program: 4
- Maximum station run time: 6 hours
- The Solar Sync® Delay feature allows you to postpone adjustments for up to 99 days
- Built-in cycle and absorption function: reduces runoff
- Permanent memory
- Rain sensor exclusion
- One-touch manual start and
- Solar Sync® switch position
- Easy Retrieve™ memory
- Programmable irrigation delay
- QuickCheck™
- Automatic protection against short circuits
- Seasonal adjustment: manual or automatic with Solar Sync
- Delay between stations
- Sensor programmability
- Total run time calculator
- Schedule specific days of non-irrigation

Electrical Specifications

- Transformer input: 120 V AC or 230 V AC (international model)
- Transformer output (24 V AC): 1 A
- Station output (24 V AC): 0.56 A
- P/MV output (24 V AC): 0,28 A
- Sensor inputs: 1
- Operating temperature from -18° C to 60° C

Certifications

- CE, UL, cUL, C-tick, FCC

Code	Description
OPG043	Pro-C 4 stations programmer
OPG117	3 stations expansion increases the number of sectors from 4 to 7, from 7 to 10 and from 10 to 13
OPG113	9 stations expansion can be used to increase the number of sectors only from 7 to 16

WATER SAVING FEATURES

POSITION OF THE SOLAR SYNC® SELECTOR

Includes logic for the Solar Sync weather sensor. The intelligent sensor automatically adjusts irrigation based on weather conditions and allows to stop irrigation in the event of rain or frost. It is in line with many US and international water saving programs.

DELAYED ACTIVATION OF THE SOLAR SYNC

The delayed activation of the Solar Sync allows the user to allow a series of days to pass before the automatic regulation via Solar Sync comes into operation, as well as to establish a seasonal adjustment percentage to be used during this period. This allows you to temporarily perform a specific irrigation to allow the germination or establishment of new plants without forcing the installer to return to the site to activate the Solar Sync.

SEASONAL ADJUSTMENT

This function allows quick adjustments to irrigation times via a percentage graduated scale. During the peak season set the regulation to 100%. If atmospheric conditions require less water, enter an appropriate percentage value (eg 50%) to limit watering times without having to change each station in the program. This model offers two different ways of using Seasonal Adjust to limit water consumption: Global and Daily. Seasonal adjustments can be made manually with the controller dial or automatically with a connected Solar Sync smart sensor.

PROGRAMMABLE CLICK DELAY

It allows the user to delay scheduled irrigation for a certain period of time at the end of a Click event (for example after a storm). At the end of the programmed Click Delay period, the controller will restore the normal watering schedule.

CYCLE AND ABSORPTION

The Cycle and absorption option divides the station irrigation time into smaller irrigation segments, with a delay before performing further irrigation. In this way, waste and runoff can be prevented. The programmer can activate other stations during the absorption period, for a rational time scan.

DIAGNOSTIC FEATURES

QUICKCHECK™

QuickCheck is a diagnostic mode that can automatically detect shorts in wiring based on the station number.

AUTOMATIC PROTECTION AGAINST SHORT-CIRCUITS

It detects faults in the wiring and excludes faulty stations, to avoid damage to the controller. Allows you not to interrupt irrigation with stations that work properly.

REAL-TIME FLOW MONITORING

With a connected flowmeter, it allows the controller to recognize high or low flow conditions, automatically react to alarms and generate overall flow reports. Failed stations are logged for repair and the controller continues to water with the next station.

ADVANCED AND SPECIAL FEATURES

PROGRAMMING SPECIFIC DAYS OF NON-IRRIGATION

It allows you to stop irrigation on certain days of the week, regardless of the type of programming. Ideal functionality for weekly mowing days or other scheduled events.

TOTAL OPERATING TIME CALCULATOR

Calculates the total duration of a program, based on the run times of all connected stations. Useful for calculating the end time of a program.

PROGRAMMABLE DECODERS

For greater simplicity and reliability, each decoder is programmed with its respective number of effective stations (valves). If desired, the decoders can be reprogrammed at any time. Hunter decoders do not require long serial numbers.

GROUPS / BLOCKS OF CONTEMPORARY STATIONS

Ability to group stations into larger irrigation units that operate simultaneously within the automatic programs. This allows you to consolidate large systems into fewer items to program and allows you to control their flow rate in high capacity installations.

SENSOR PROGRAMMABILITY

Ability to specify which program or stations will be stopped in response to a specific sensor alarm. Allows stations or programs not affected by the sensor to continue automatic operations.

DELAY BETWEEN STATIONS

Delay in irrigation between the individual stations as the programmer activates them in sequence. The delay can vary from a few seconds, to allow slower closing valves to stop, to much longer times to allow storage tanks, etc. to recharge.

MULTILINGUAL PROGRAMMING

Users can choose to program Hunter controllers in different languages.