

Genesis Field Controllers Stand-alone, Hardwire, and Radio

A powerful stand-alone or one of many in a network to manage your entire course... the Genesis Field Controller excels as both. Its full-featured modular design allows quick and easy field upgrades to 60 stations and to a central-ready hardwire or radio equipped controller. With two-way, command-verified communication, programs are stored in the unit's non-volatile memory to allow complete irrigation schedules without continuous direction from the central computer. Solid construction and dependable operation are the hallmark of this controller, as demonstrated by features like built-in heavy duty surge and lightning protection, all-weather stainless steel and plastic enclosures with locking lid, 20 program and start time combinations, manual and semi-automatic functions, multiple or continuous cycles with cycle delay capabilities, and a large weather-tight



*Rugged,
Full-Featured
Controller for
Stand-alone or*

keypad with illuminated LCD display (for a lower cost, higher security solution, the Field Controller Drone version transfers all programming functions to the portable WalkPad™). For added convenience, the Straight-Talk™ Maintenance Radio* offers direct remote control to each Field Controller. As an individual player or as part of a team, no golf course irrigation controller delivers better all-around performance.

FEATURES & BENEFITS



20 programs, manual/semi-automatic starts, multiple/continuous cycles with cycle delay capabilities

Program flexibility for the most demanding schedules

Up to 60 stations, with optional manual On-Off-Auto per station

High capacity, with 10-station expansion modules to reduce cost

Non-volatile field resident memory

Retains program if power or communications fails

Heavy duty surge and lightning protection

Ensures long life and reliable operation

Automatic current overload protection

Protection from multi-source field malfunctions

Stainless Steel, Plastic Pedestal and Wall Mount Enclosures

Durability and flexibility to meet every golf course need

Modular communications design

Permits upgrade of stand-alone to central-ready at any time

Straight-Talk™ Maintenance Radio*

Allows remote control from your walkie-talkie

** Straight-Talk feature is currently available for radio versions only.*

Dimensions

- 36" (92 cm) tall x 13 1/2" (35 cm) wide x 10" (26 cm) deep

Electrical Specifications

- Primary (Input): 105-125VAC, 60Hz
1A maximum
- Primary (Input) SV version: 205-230 VAC, 50Hz,
.62 Amp max.
- Secondary (Output)*: 24VAC, 50/60Hz
1A maximum per station
3A total output
1.67A communications output

Signal Output

- Hardwire: 4 - 20 milliamp loop
- Radio: 2 Watts, UHF (450-470 MHz)

Communications Cable (Hardware)

- GCBL: Shielded 2 twisted pair, 18AWG
- GCBLA: Armored, shielded 2 twisted pair, 18AWG
(for direct-burial applications)

Options

- SW: On-Off-Auto switches for each station
- SV: 230VAC, 50Hz versions
- GMR: Maintenance Radio capability for hardwire systems (through the Central Interface, does not include TRNR)
- TRNR: Handheld Radio for GMR or Straight-Talk™ communications

**Note: When pump output is used, it must be considered as one of the valves. The pump relay shall be 24VAC, 0.5 Amp (maximum). Relay contacts should be rated for Pump or Master Valve load.*



Hunter Golf offers a full line of advanced, efficient products for the golf course irrigation market.



Programming inputs are simple with the large and easy-to-read keypad and illuminated display.



WalkPad™ portable keypad offers tamper-free programming of Genesis Drone Field Controllers.



Stand-alone Genesis Field Controllers can be upgraded to Computerized Central Control at any time.

PRODUCT EXPLANATION

EXAMPLE: **GFC - 20 - HW - SW**

MODELS	STATION QUANTITY	COMMUNICATION TYPE	OPTIONS
GFC = Stainless Steel Pedestal	20 = 20 stations	S = Stand-alone	SW = Switches
GFCP = Plastic Pedestal	30 = 30 stations	R = Radio*	SV = 230 VAC
GWC = Stainless Steel Wall-Mount	40 = 40 stations	HW = Hardwire	
GWCP = Plastic Wall-Mount	50 = 50 stations		
GFDP = Plastic Pedestal Drone	60 = 60 stations		
		*Licence required, include Frequency when ordering	