

PILOT® FIELD CONTROLLER SYSTEMS

The sleek, clean design of Pilot field controllers makes them easy to install, use, and maintain.

KEY BENEFITS

- Five languages
- Up to 80 station outputs in 10-station increments
- Up to three Hunter golf valve-in-head rotors per station output
- Up to 20 simultaneous Hunter golf valve-in-head rotors active per controller
- 32 automatic schedules with eight start times per schedule
- Exclusive Safe-Toggle™ mechanical on-off-auto station switches
- 1-31 day skip-day scheduling
- One-touch rain shutdown up to 30 days or indefinitely
- One-touch Safe-Pause™ with 30 minute safety timer
- 1-300% run time seasonal adjustment
- Seasonal start time adjustment is used to quickly change all start times plus or minus 30 minutes
- PilotFCP Utility enables remote scheduling from a computer or tablet for basic course irrigation management



Pilot-FC Plastic Pedestal

Height: 39"
Width: 24"
Depth: 17"
Weight: 70 lbs.

POWER SUPPLY INPUT

Two voltage settings:

- 120 VAC nominal voltage at 60/50 Hz (100 to 132 VAC)
- 230 VAC nominal voltage at 50/60 Hz (200 to 260 VAC)

Current requirement:

- 1 A under load at 110 VAC
- 0.7 A under load at 230 VAC

For additional information, see electrical data on [page 247](#)



Pilot-FI Field Interface

One is required with any Pilot network system. It is used to link the central computer to the field equipment. For indoor locations only.

Height: 12"
Width: 1½"
Depth: 3¼"
Weight: 4½ lbs.

OUTPUT VOLTAGE

- Station: 1 A at 24 VAC
- Hot post: 0.4 A at 24 VAC
- Capacity: Three standard 24 VAC Hunter golf rotors per output; 20 maximum simultaneously running stations

RADIO SYSTEMS

- UHF radio: 450-490 MHz; other UHF frequencies available for selected markets

WIRED SYSTEMS

- GCBL: Shielded two twisted pairs, 18 AWG
- GCBLA: Armored, shielded two twisted pairs, 18 AWG

PILOT-FI – SPECIFICATION BUILDER: ORDER 1 + 2 + 3

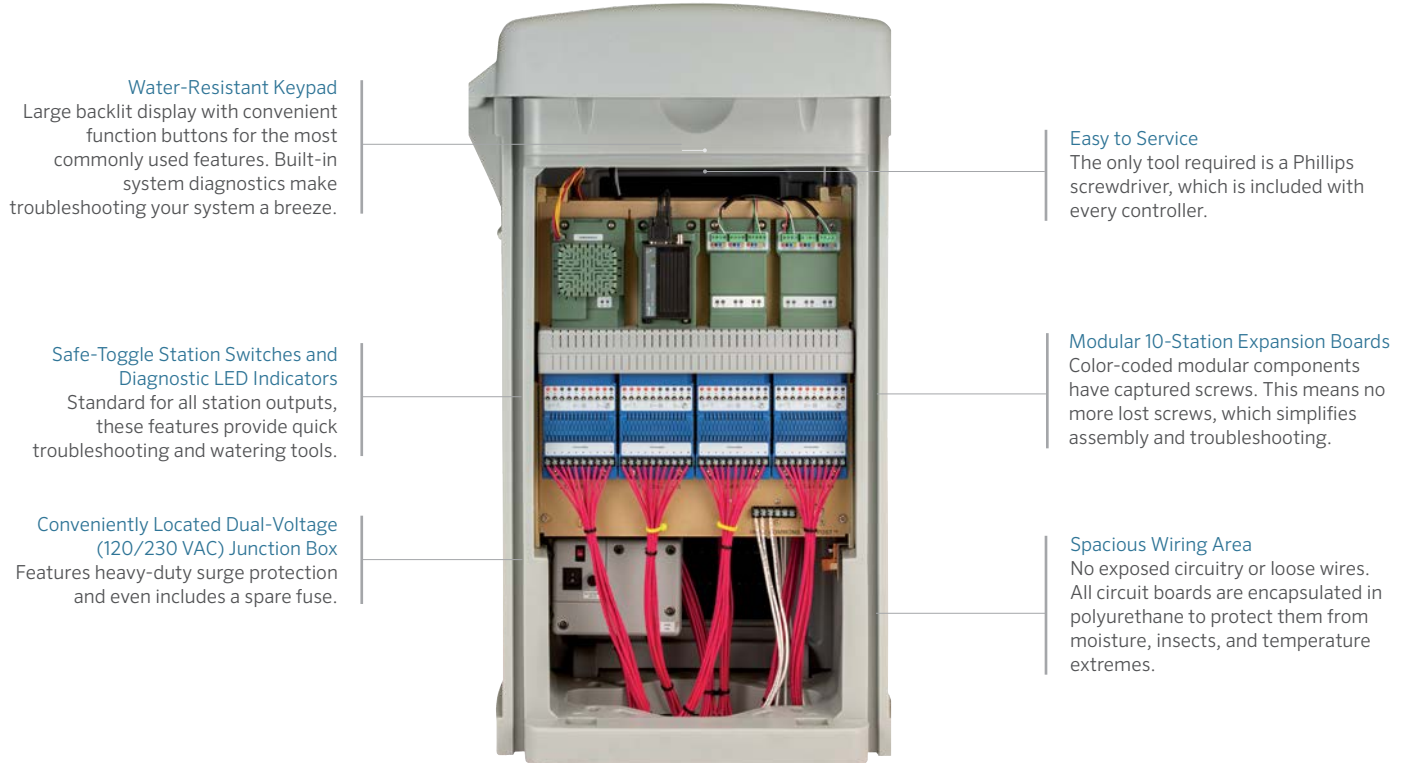
1 Model	2 Standard Features	3 Communication Options
Pilot-FI	Plastic pedestal (gray)	HWR Hardwire communications UHF UHF radio communications (license required)

Examples:

Pilot-FI-HWR = Field interface with hardwire communications

Pilot-FI-UHF = Field interface with UHF radio communications

THE PILOT FIELD CONTROLLER IS ENGINEERED EXCLUSIVELY FOR GOLF COURSE IRRIGATION MANAGEMENT



Water-Resistant Keypad

Large backlit display with convenient function buttons for the most commonly used features. Built-in system diagnostics make troubleshooting your system a breeze.

Safe-Toggle Station Switches and Diagnostic LED Indicators

Standard for all station outputs, these features provide quick troubleshooting and watering tools.

Conveniently Located Dual-Voltage (120/230 VAC) Junction Box

Features heavy-duty surge protection and even includes a spare fuse.

Easy to Service

The only tool required is a Phillips screwdriver, which is included with every controller.

Modular 10-Station Expansion Boards

Color-coded modular components have captured screws. This means no more lost screws, which simplifies assembly and troubleshooting.

Spacious Wiring Area

No exposed circuitry or loose wires. All circuit boards are encapsulated in polyurethane to protect them from moisture, insects, and temperature extremes.

PILOT-FC - SPECIFICATION BUILDER: ORDER 1 + 2 + 3

1 Model	2 Standard Features	3 Communication Options
Pilot-FC20 (20-station)	Plastic pedestal (gray) 120/230 VAC, 60/50 Hz dual-voltage transformer	S Standalone field controller with no central communications
Pilot-FC30 (30-station)		HWR Wired communications
Pilot-FC40 (40-station)		UHF UHF radio (license required)
Pilot-FC50 (50-station)		
Pilot-FC60 (60-station)		
Pilot-FC70 (70-station)		
Pilot-FC80 (80-station)		

Examples:

Pilot-FC40-S = 40-station, standalone field controller with no central communications

Pilot-FC70-HWR = 70-station field controller with wired communications