

PILOT® CONTROLLER

Application: **Golf**
 Number of Stations: **80**
 Type: **Field Controller**

FEATURES

- 5 languages
- Up to 80 station outputs in 10-station increments
- Up to 3 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 8 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% runtime seasonal adjustment
- Seasonal start time adjustment is used to quickly change all start times plus or minus 30 minutes



Pilot-FC Plastic Pedestal

Height: 100 cm
 Width: 60 cm
 Depth: 44 cm
 Weight: 32 kg

POWER SUPPLY INPUT

- 120/230 VAC at 60/50 Hz
- 1.2 Amps maximum at 120 VAC
- 0.73 Amps maximum at 230 VAC

POWER SUPPLY OUTPUT

- Station output: 1 Amp at 24 VAC
- 24 VAC Hot Post output: 420 mA at 24 VAC
- Solenoid Capacity: 3 standard 24 VAC Hunter golf valve-in-head rotors per output, 20 maximum simultaneous stations



Pilot-FI Field Interface

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

Height: 30 cm
 Width: 30 cm
 Depth: 11 cm
 Weight: 2 kg

RADIO SYSTEMS

- UHF Radio: 450-470 MHz; other frequency ranges available for selected markets
- Spread Spectrum Radio: 915 MHz

WIRED SYSTEMS

- GCBL: Shielded two twisted pairs, 0.82 mm²
- GCBLA: Armored, shielded two twisted pairs, 0.82 mm²

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

1 Model	2 Standard Features	3 Options
Pilot-FI	Plastic pedestal (grey)	HWR Hardwire communications UHF UHF radio communications (where permitted, licence required) LF Licence-free radio communications

Examples:

Pilot-FI-HWR = Field interface with hardwire communications

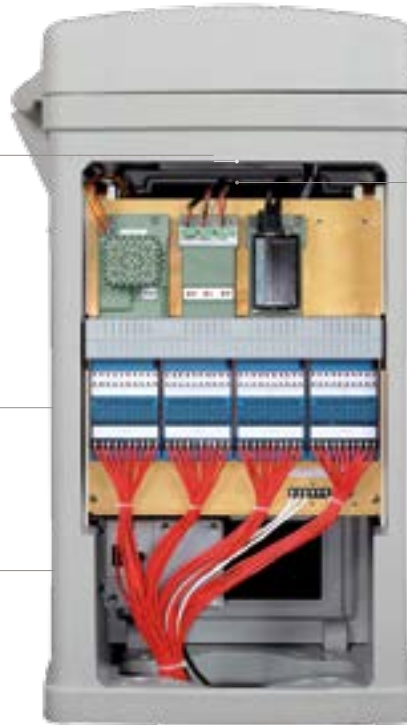
Pilot-FI-UHF = Field interface with UHF radio communications (US only)

THE PILOT® FIELD CONTROLLER WAS BUILT SPECIFICALLY FOR GOLF COURSE IRRIGATION CONTROL.

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.

Auto/On/Off Switches and Diagnostic LED Indicators
Standard for all station outputs, 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 included with every controller.

Modular 10-Station Expansion Boards
Colour-coded modular components with captured screws so they won't get lost, making it easy to assemble and troubleshoot.

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 Options
Pilot-FC20 (20-station)	Plastic pedestal (grey) 120/230 VAC 60/50 Hz dual-voltage transformer	S Stand-alone field controller with no central communications
Pilot-FC30 (30-station)		HWR Hardwire communications
Pilot-FC40 (40-station)		UHF UHF radio communications (where permitted, licence required)
Pilot-FC50 (50-station)		LF Licence-free spread spectrum radio communications (900 MHz for North America and where permitted)
Pilot-FC60 (60-station)		
Pilot-FC70 (70-station)		
Pilot-FC80 (80-station)		

Examples:
Pilot-FC40-S = 40-station, stand-alone field controller with no central communications
Pilot-FC70-HWR = 70-station field controller with hardwire communications