PILOT FIELD CONTROLLER SYSTEMS

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

FEATURES

- 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

Pilot-FC Plastic Pedestal
Height: 100 cm
Width: 60 cm
Depth: 44 cm
Weight: 32 kg

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 amp under load at 110 VAC
- 0.7 amp under load at 230 VAC

For additional information, see electrical data on page 101.

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

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
- Spread spectrum radio: 915 MHz

WIRED SYSTEMS

- GCBL: Shielded two twisted pairs, 0.82 mm^2
- GCBLA: Armoured, shielded two twisted pairs, 0.82 mm^2

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

1 Model	2 Standard Features	3 Communication Options	
Pilot-FI	Plastic pedestal (grey)	**HWR**	Hardwire communications
		UHF	UHF radio communications (licence required)
		UHFA	UHF radio (licence required, Australia only)
		LF	915 MHz spread-spectrum radio communications (no licence needed)

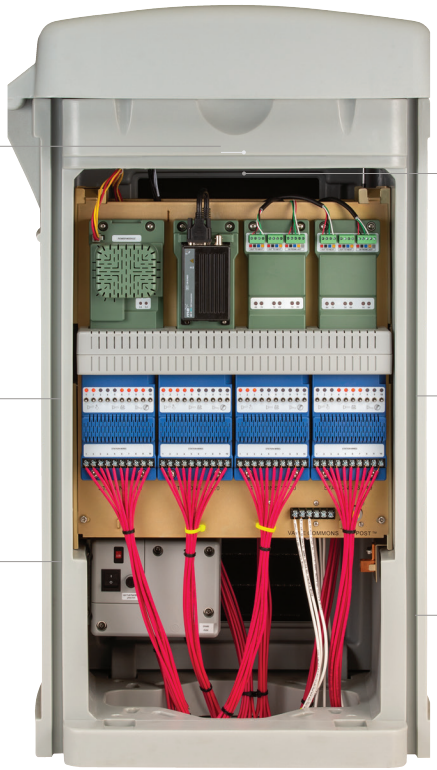
Examples:
Pilot-FI-HWR = Field interface with hardwire communications
Pilot-FI-UHF = Field interface with UHF radio communications

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
Colour-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)		**S**	Standalone field controller with no central communications
Pilot-FC30 (30-station)		**HWR**	Wired communications
Pilot-FC40 (40-station)		**UHF**	UHF radio (licence required)
		UHFA	UHF radio (licence required, Australia only)
Pilot-FC50 (50-station)	Plastic pedestal (grey)	**LF**	915 MHz spread-spectrum radio (no licence needed)
Pilot-FC60 (60-station)	120/230 VAC 60/50 Hz dual-voltage transformer		
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