

# 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 (US) and 2.4 GHz (international)

## WIRED SYSTEMS

- GCBL: Shielded two twisted pairs, 0.82 mm<sup>2</sup>
- GCBLA: Armored, shielded two twisted pairs, 0.82 mm<sup>2</sup>

PILOT-FI – SPECIFICATION BUILDER ORDER 1 + 2 + 3		
1	Model	2 Standard Features
		3 Options
Pilot-FI	Plastic pedestal (grey)	<b>HWR</b> Hardwire communications
		<b>UHF</b> UHF radio communications (US only)
		<b>LF</b> Licence-free radio communications
		<b>ILF</b> Licence-free radio communications

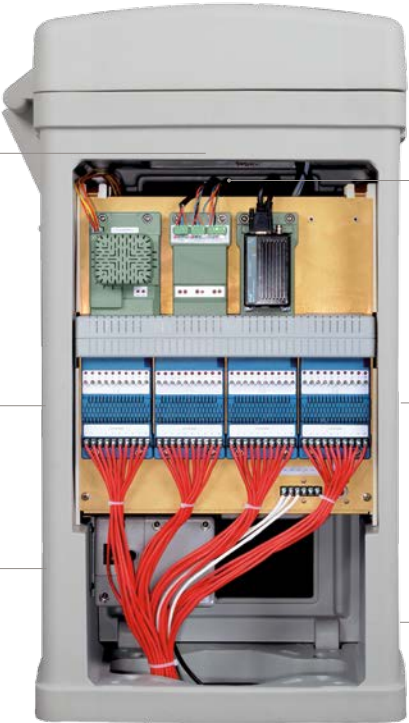
**Examples:**  
**Pilot-FI-HWR** = Field interface with hardwire communications  
**Pilot-FI-UHF** = Field interface with UHF radio communications (US only)  
**Pilot-FI-ILF** = Field interface with international licence-free radio communications

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
	<b>Pilot-FC30</b> (30-station)	<div>Plastic pedestal (grey)</div> <div>120/230 VAC 60/50 Hz dual-voltage transformer</div>		<b>S</b>	Stand-alone field controller with no central communications
	<b>Pilot-FC40</b> (40-station)			<b>HWR</b>	Hardwire communications
	<b>Pilot-FC50</b> (50-station)			<b>UHF</b>	UHF radio communications (US only)
	<b>Pilot-FC60</b> (60-station)			<b>LF</b>	Licence-free spread spectrum radio communications (900 MHz for North America and where permitted)
	<b>Pilot-FC70</b> (70-station)			<b>ILF</b>	Licence-free spread spectrum radio communications (2.4 GHz for international, where permitted)
	<b>Pilot-FC80</b> (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

**Pilot-FC80-ILF** = 80-station field controller with international licence-free radio communications