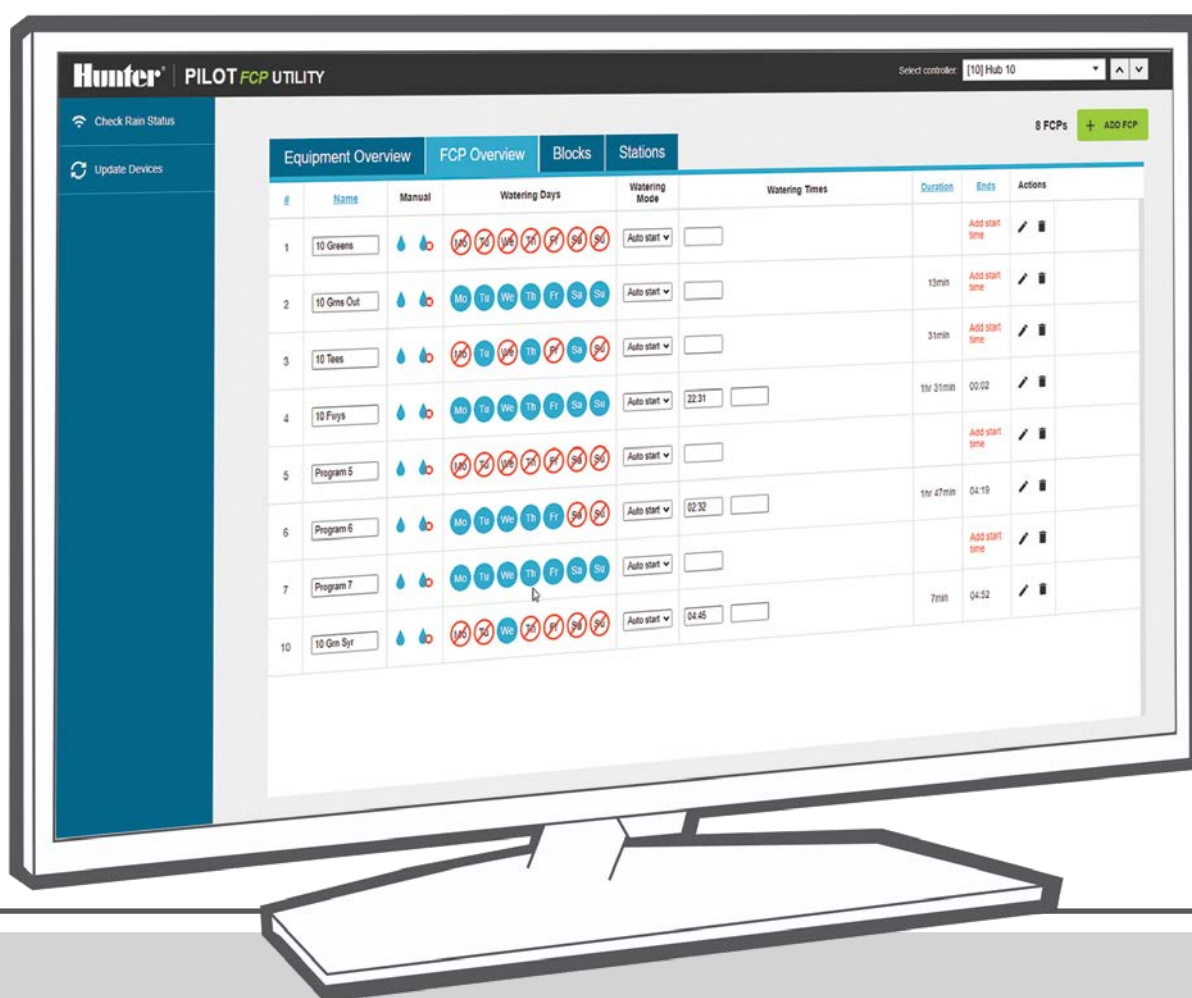# PilotFCP Utility

A SMART, SIMPLE SOLUTION
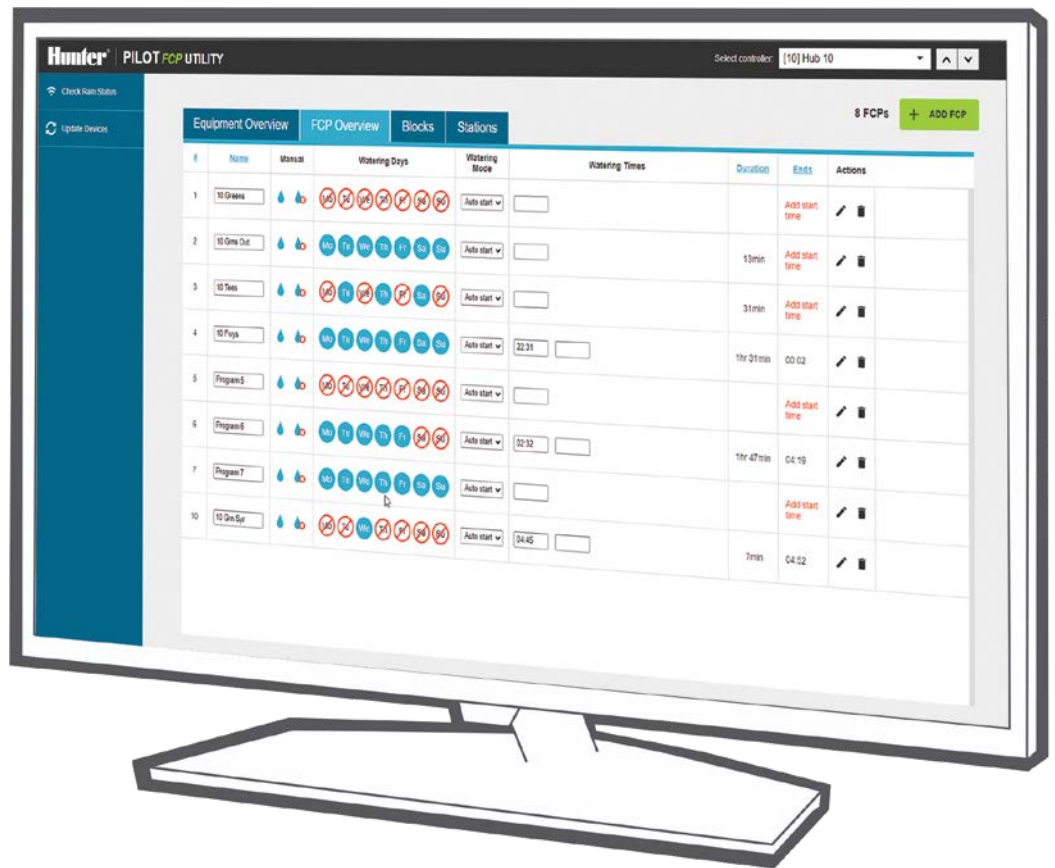Remote Golf Course Irrigation Management

Quick Start Guide

Hunter®

A SMART, SIMPLE SOLUTION

The PilotFCP Utility is an innovative tool to simplify golf course irrigation for the Pilot® Network

TABLE OF CONTENTS

Installation

The PilotFCP Utility allows access to all Pilot controllers and hubs on your golf course from a single PC. This tool has the ability to schedule basic functions remotely from a desktop computer or tablet.

You must have the Google Chrome™ web browser installed on your Windows® 10 PC. PilotFCP Utility uses Chrome to open on a local level, but Chrome does not need to be the default web browser. Follow these steps to get started:

1. Go to hunter.info/PilotFCP.
2. Download and save the pilotfcputilityinstaller.exe file to your desktop.
3. Double-click the shortcut and click **Yes** to run the app.
4. Click **Install**.
5. Click **Finish**. The installation is now complete!
6. Double-click the PilotFCP Utility icon from your desktop to open and begin using the software.

⚠ Use Utility-with FI when the computer is connected to a Pilot-FI. Use Utility-no FI when directly connected to a Pilot controller.

6

Utility-with FI   Utility-no FI

Google Chrome is a trademark of Google LLC. Windows is a trademark of Microsoft Corporation in the United States and/or other countries.
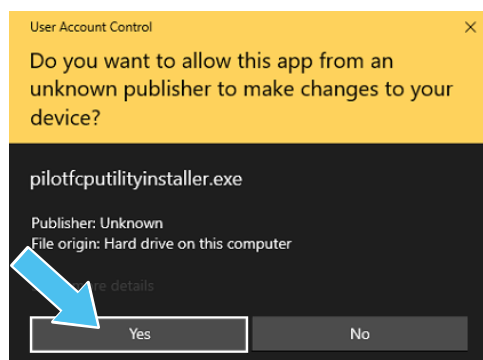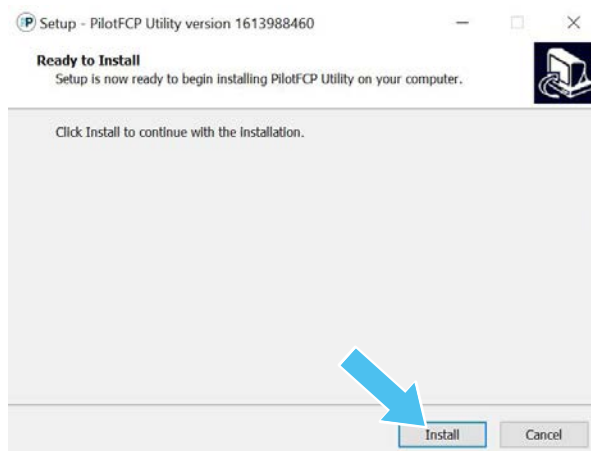
❶ https://hunter.info/**PilotFCP**

❷ pilotfcputility installer.exe

❸

User Account Control ✕

Do you want to allow this app from an unknown publisher to make changes to your device?

pilotfcputilityinstaller.exe

Publisher: Unknown
File origin: Hard drive on this computer

Show more details

Yes   No

❹

Setup - PilotFCP Utility version 1613988460

Ready to Install
Setup is now ready to begin installing PilotFCP Utility on your computer.

Click Install to continue with the installation.

Install   Cancel

❺

Setup - PilotFCP Utility version 1613988460

Completing the PilotFCP Utility Setup Wizard

Setup has finished installing PilotFCP Utility on your computer.
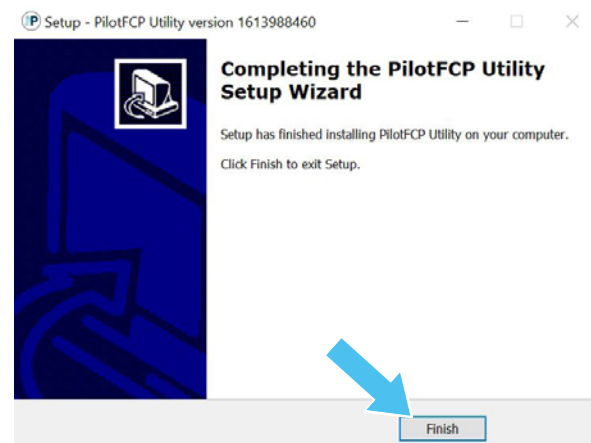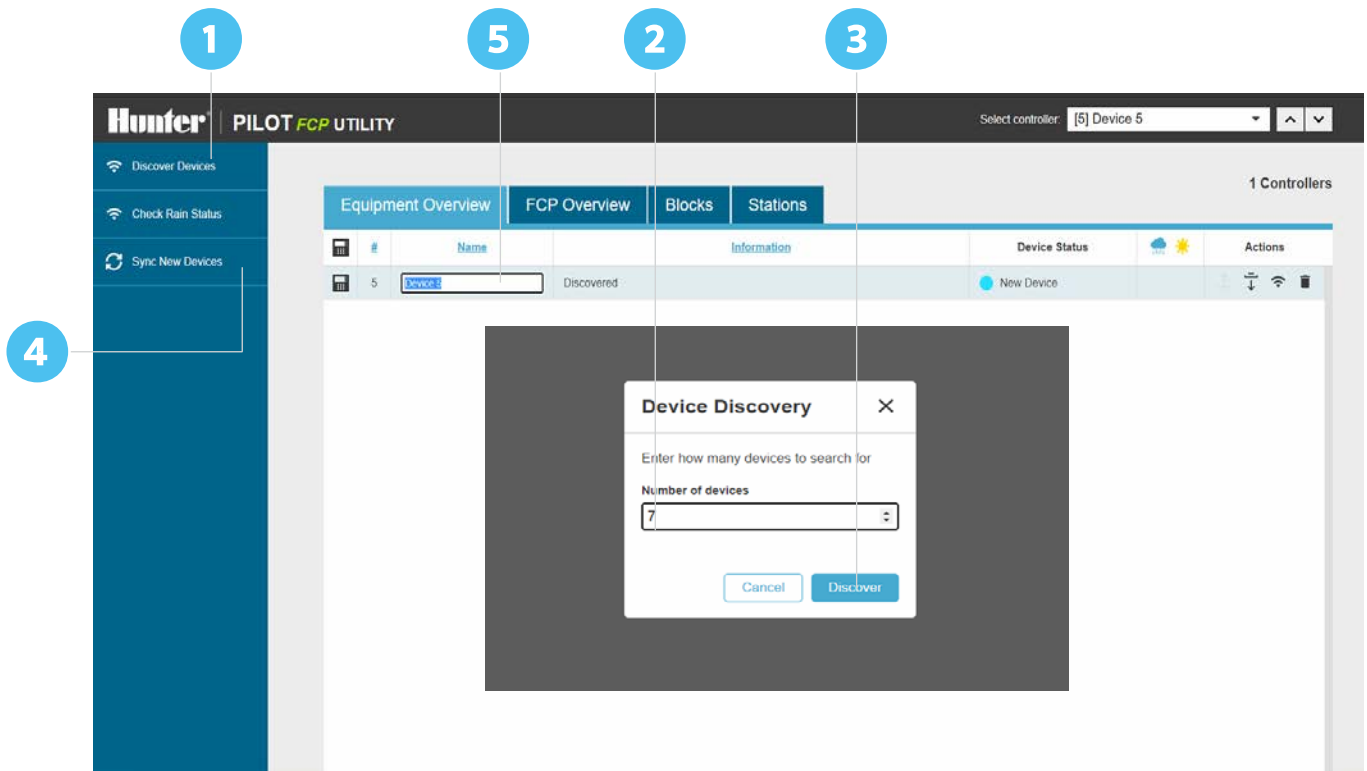
Click Finish to exit Setup.

Finish

CONNECTING TO CONTROLLERS

1. From the PilotFCP Utility main page, double-click **Discover Devices**.

⚠️ Communication must be established with a Pilot-FI or Pilot controller to discover a device.

2. The Device Discovery box will appear. Device refers to controllers and/or hubs. Type in the number of controllers/hubs you have. Example: Type "1."
3. Next, click **Discover**.

4. Synchronize the controller/hub by clicking on **Sync New Devices**. This will retrieve all the programs and blocks that already exist in the controller/hub. The new device or multiple devices will appear when discovered. The name of the device is the controller/hub address number.

⚠️ This process happens in succession. Please wait until the synchronization is complete.

5. Change the device name by clicking inside the box.
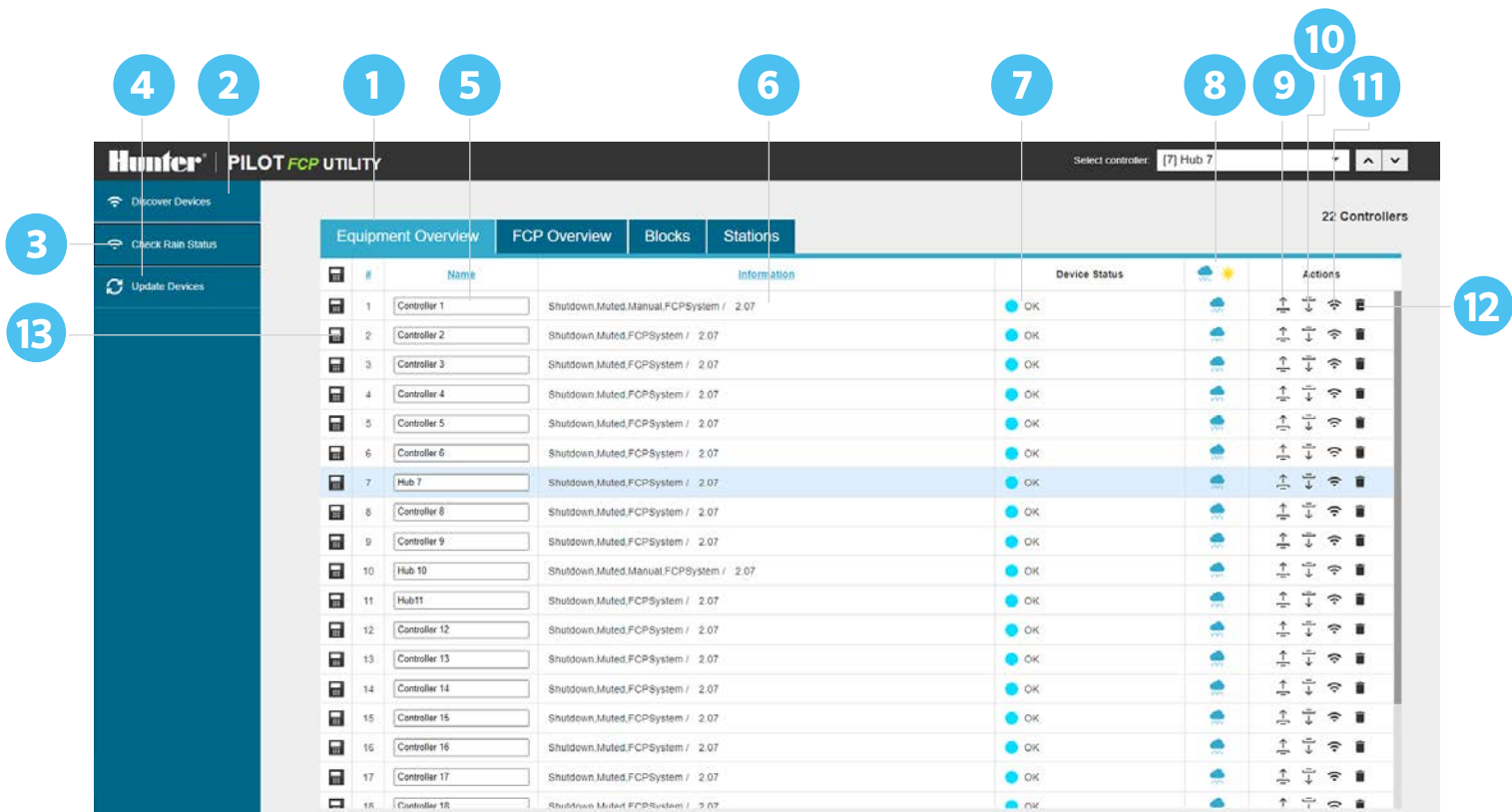
EQUIPMENT OVERVIEW

The PilotFCP Utility can access up to 999 different FC controllers or TWM hubs. The Equipment Overview tab is the default home screen.

> ⚠️ Device refers to a Pilot FC controller or Pilot integrated hub.

1. **Equipment Overview:** Serves as the default home screen, which includes a list of existing devices and their statuses.
2. **Discover Devices:** Search for existing or new devices in the list.
3. **Check Rain Status:** Globally check the current status of devices.
4. **Update Devices:** Globally updates all devices with changes made in the PilotFCP Utility.
5. **Name:** Assign or edit a device name by clicking inside the box.
6. **Information:** Shows device details and firmware version number. Must be version 2.0 or higher to use the PilotFCP Utility.
7. **Device:** Status shows current health of device(s). Options include **Good** 🔵 and **Bad** 🔴.
8. **Mode:** Sets device irrigation mode. Options include **Enable Irrigation Shutdown** 🌧️ or **Enable Irrigation** ☀️.

9. **Push Action:** Push changes made in PilotFCP Utility to device ⬆️. Icon will be gray when there are no changes to push to the device.
10. **Pull Action:** Pull all station schedules from device ⬇️. This will overwrite schedules in the utility.
11. **Device Communication Check:** Shows connection status 📶.
12. **Delete Device:** Click on 🗑️ to delete a device. Device will reappear when Discover Devices is used.
13. **Communication Status:** Click the **Device** icon ▦ to toggle communication on and off. The icon will turn gray when communication is turned off.
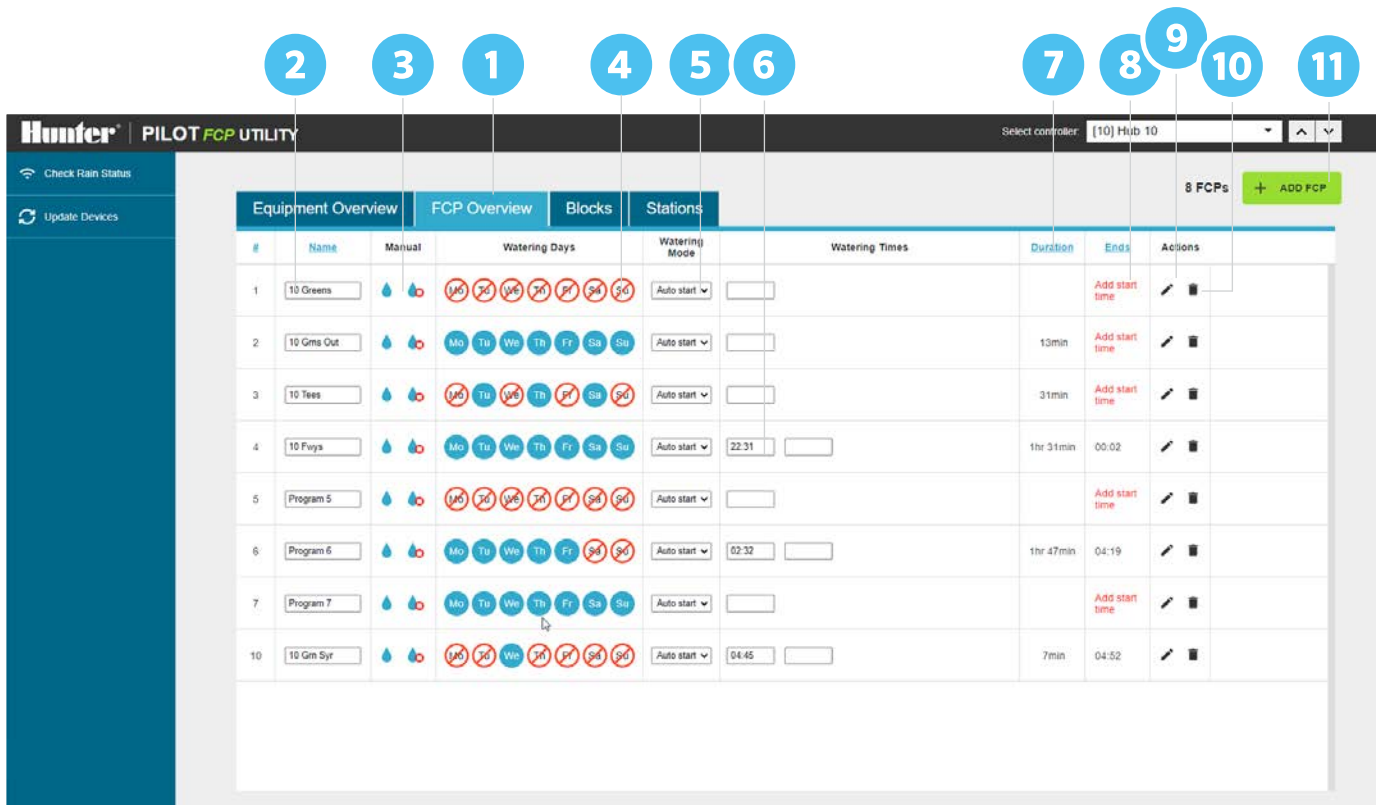
FCP OVERVIEW

1. To edit field controller programs, click on the **FCP Overview** tab.
2. **Name:** Assign or edit FCP names by clicking inside the box.
3. **Manual:** Select **Manual Start** 💧 to activate an FCP or **Manual Stop** 💧 to deactivate an FCP.
4. **Watering Days:** Set an FCP watering schedule by choosing the specific **Days On** (Mo) and **Days Off** (Mo).
5. **Watering Mode:** Set the FCP watering mode by selecting **Auto start**, **Repeat**, or **Cycles** from the drop down menu.
6. **Watering Times:** Set the FCP program start time.
7. **Duration:** Set the FCP program duration.
8. **Ends:** Shows the FCP program end time. The "Add a start time" message will show until an end time is scheduled.
9. **Edit FCP:** Click the ✏ to edit an FCP. For detailed instructions, see the "Edit FCP" section on the next page.
10. **Delete FCP:** Click on 🗑 to delete an FCP.
11. **Add FCP:** Click on the green box ➕ to add an FCP.

KEY

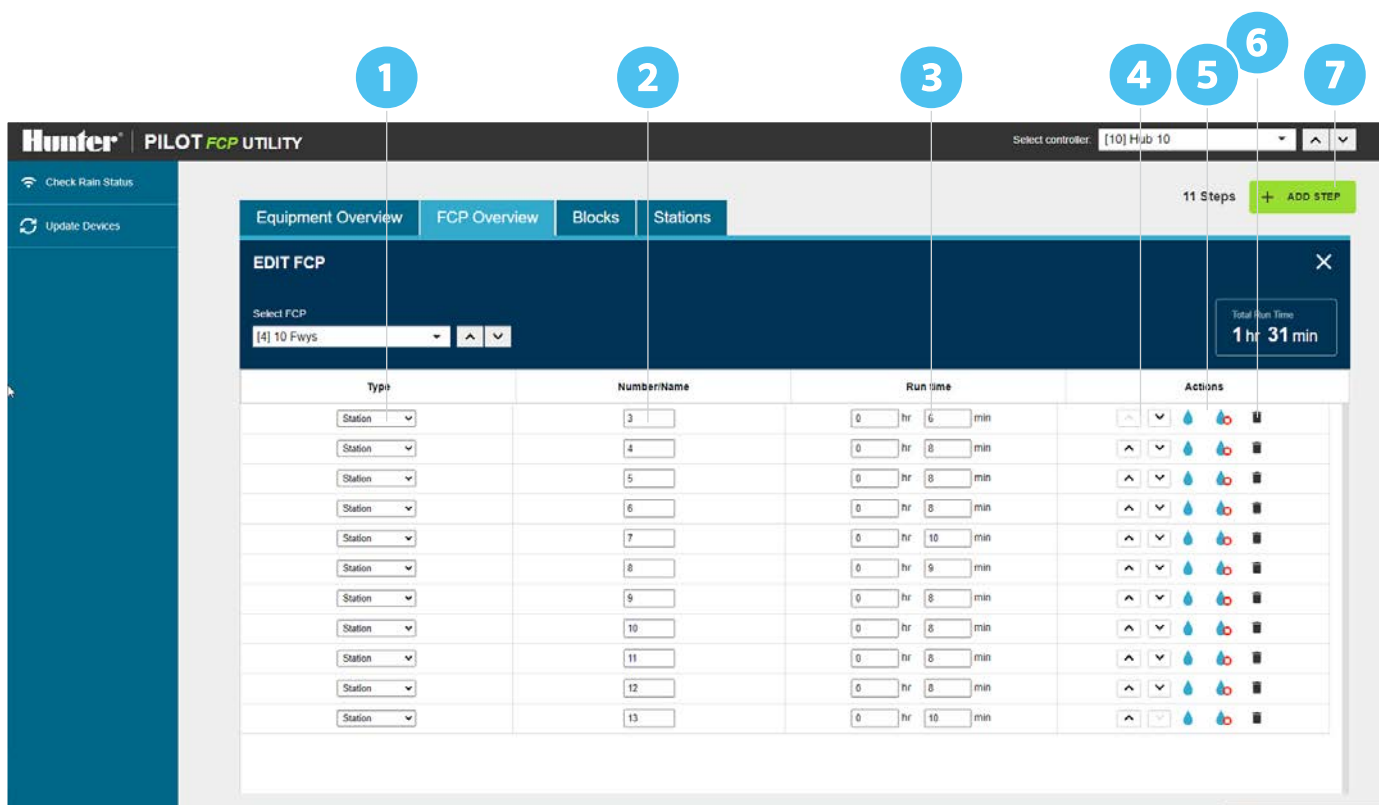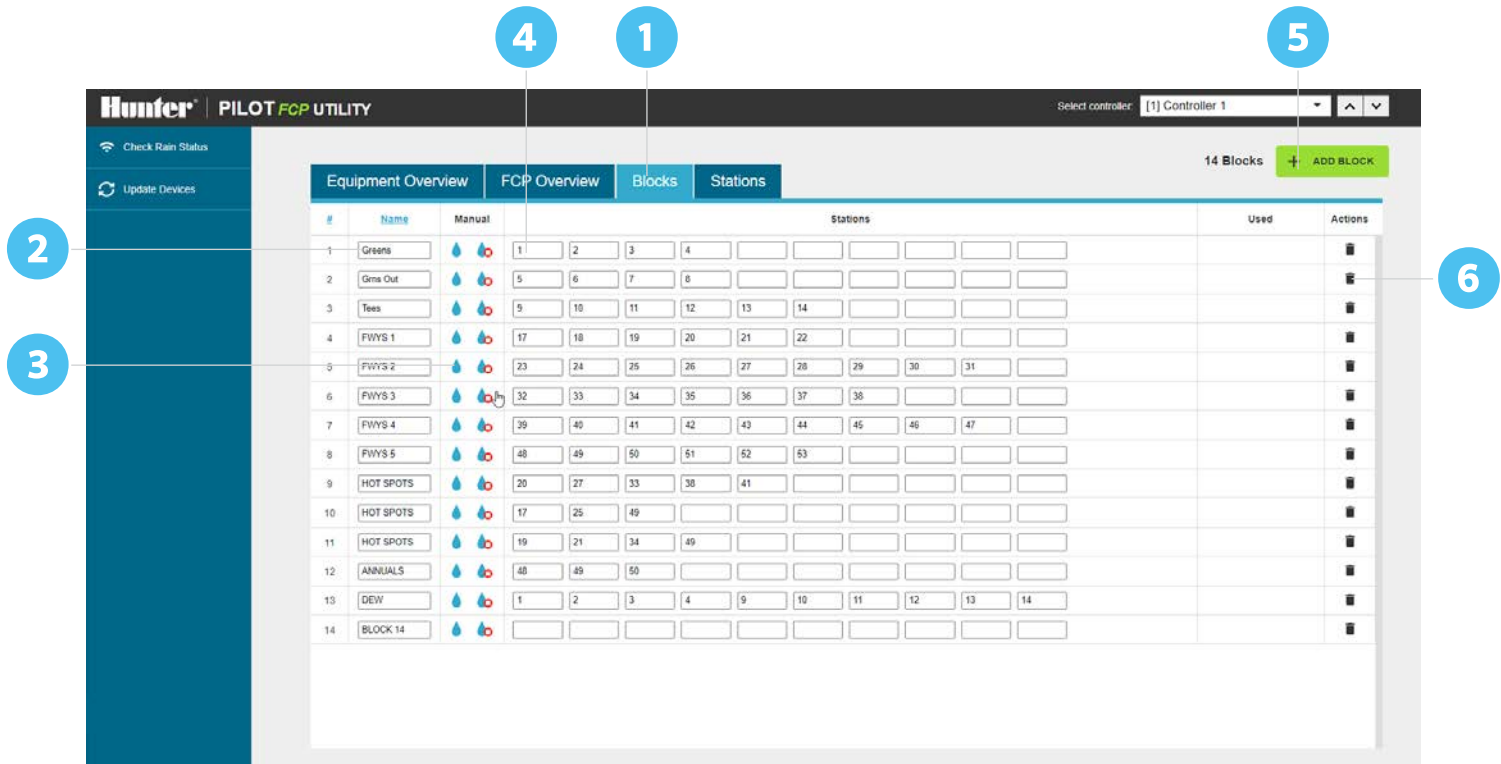|		
①	💧 💧	Indicates an idle state with no prior communication since the PilotFCP Utility was opened.
②	💧 💧	Indicates that the FCP, block, or station is running.
③	💧 💧	If 💧 changes to 💧 , the station is running. If 💧 remains unchanged, communication has failed and troubleshooting is required.
④	💧 💧	Indicates that the initial manual program has ended. The water will remain off until the next manual program begins.

EDIT FCP

1. **Type:** Choose the field controller program type (**Station**, **Block**, or **Delay**).
2. **Number/Name:** Assign the station number or block name by clicking inside the box.
3. **Run Time:** Set the run time by clicking inside the box.
4. **Sequence Action:** Change the sequence using the up or down arrows.
5. **Station Manual Start/Stop**: Select **Manual Start** 💧 to activate a station or **Manual Stop** 💧 to deactivate a station.
6. **Delete Step:** Click on 🗑 to delete a station.
7. **Add Step:** Add a new step (**Station**, **Block**, or **Delay**) ➕ .

KEY

①	💧	💧	Indicates an idle state with no prior communication since the PilotFCP Utility was opened.
②	💧	💧	Indicates that the FCP, block, or station is running.
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④	💧	💧	Indicates that the initial manual program has ended. The water will remain off until the next manual program begins.

Blocks

BLOCKS

1. To edit blocks, click on the **Blocks** tab. A block is a group of stations that run together (maximum of 10 stations per block).
2. **Name:** Assign or edit block name by clicking inside the box.
3. **Manual:** Select **Manual Start** 💧 to activate a block or **Manual Stop** 💧 to deactivate a block.
4. **Add Station:** Add a station to a block in any order.
5. **Add Block:** Click on the green box ➕ to add a new block.
6. **Delete Block:** Click on 🗑 to delete a block.

STATIONS

1. To edit stations, click on the **Stations** tab. Here you'll find a list of all stations that are part of any FCP or block as well as those that have been manually added.
2. **Name:** Shows a list of stations in numerical order.
3. **Manual:** Select **Manual Start** 💧 to activate a station or **Manual Stop** 💧 to deactivate a station.
4. **Blocks:** Shows the name of a block assigned to a station.
5. **FCPs:** Shows the name of an FCP assigned to a station.
6. **Add Station:** Click on the green box ➕ to add a new station that is isolated from Blocks or FCPs.
7. **Check Equipment Status:** Shows the current status of the stations.

KEY

1	💧	💧	Indicates an idle state with no prior communication since the PilotFCP Utility was opened.
2	💧	💧	Indicates that the FCP, block, or station is running.
3	💧	💧	If 💧 changes to 💧 , the station is running. If 💧 remains unchanged, communication has failed and troubleshooting is required.
4	💧	💧	Indicates that the initial manual program has ended. The water will remain off until the next manual program begins.

Hunter®

Hunter Industries has been on the forefront of golf course irrigation technology for more than three decades. We build performance, reliability, and serviceability into every product. From industry-leading rotors renowned for their durability and distribution uniformity to our robust Pilot® central control software, we take pride in providing golf professionals with the tools and support they need to conceptualize, create, and manage world-class golf courses. Learn more at **hunterindustries.com/golf**.

Gregory R. Hunter, CEO of Hunter Industries

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