X2 WAND Installation Guide

Smart Capable Residential Irrigation Solution

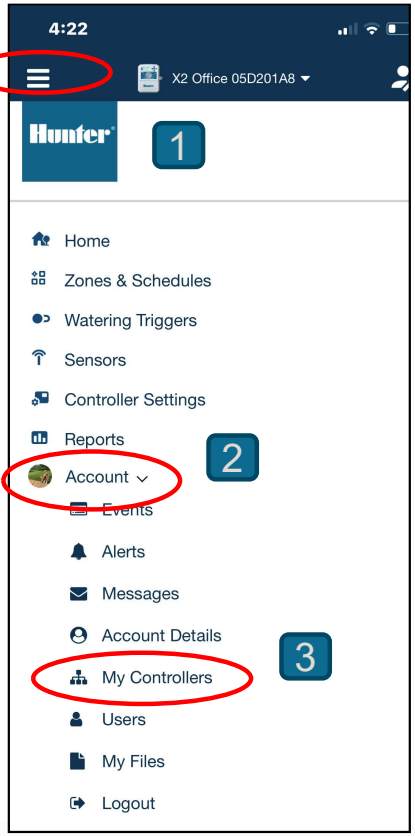
HUNTER INDUSTRIES

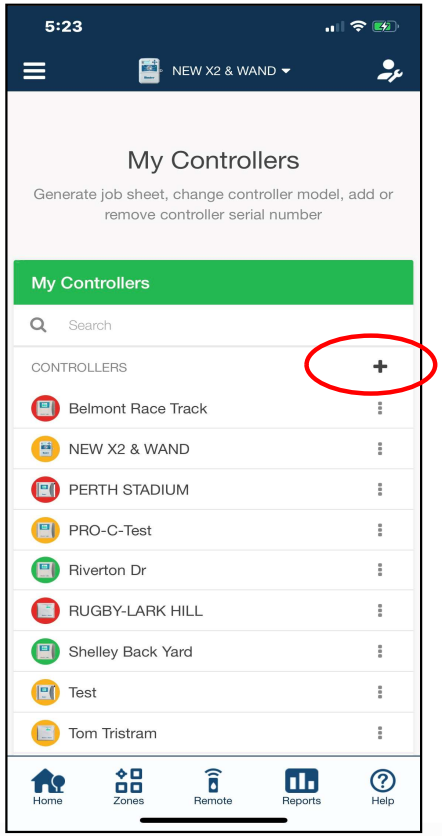
Built on Innovation®

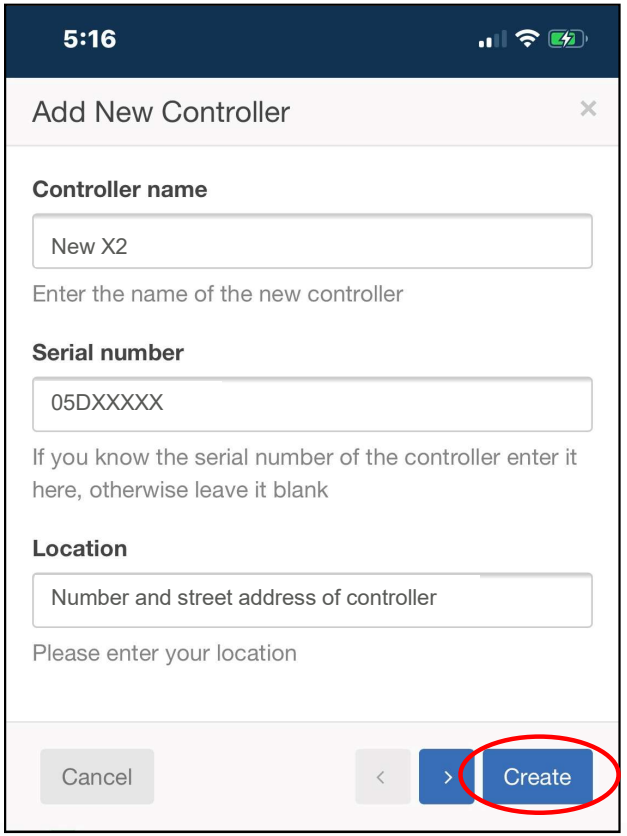
WAND: **Wi-Fi Module with** Hydrawise™

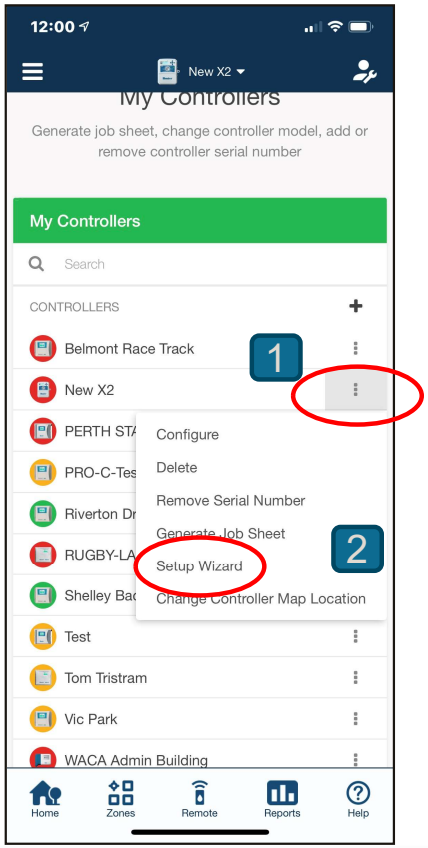
- Wi-Fi module plugs into right side of X2 controller accessory port
- X2 schedule and interface becomes inactive, Manual commands and OFF dial positions continue to work
- LCD shows Wi-Fi symbol and strength
- WAND module has tri-color LED for pairing and status indication

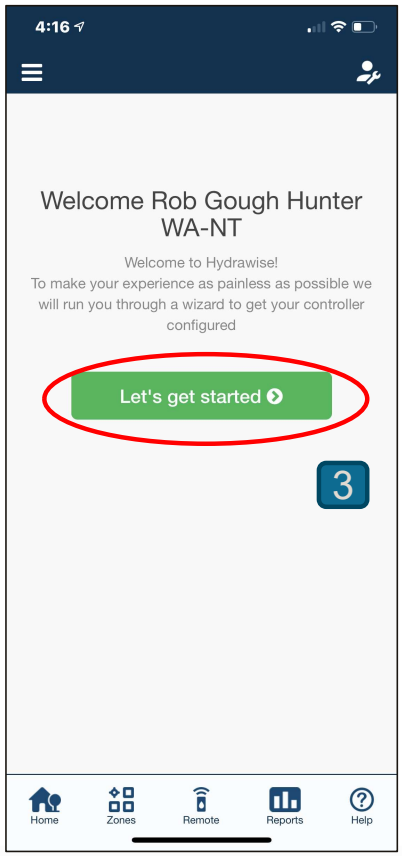
Hydrawise App…..adding controller

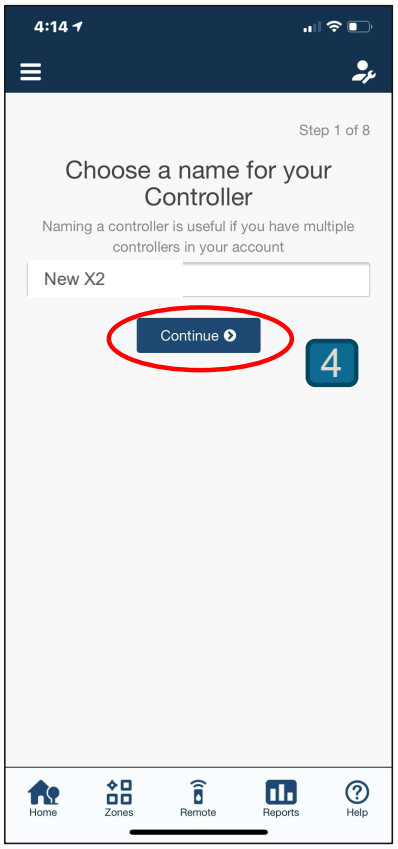


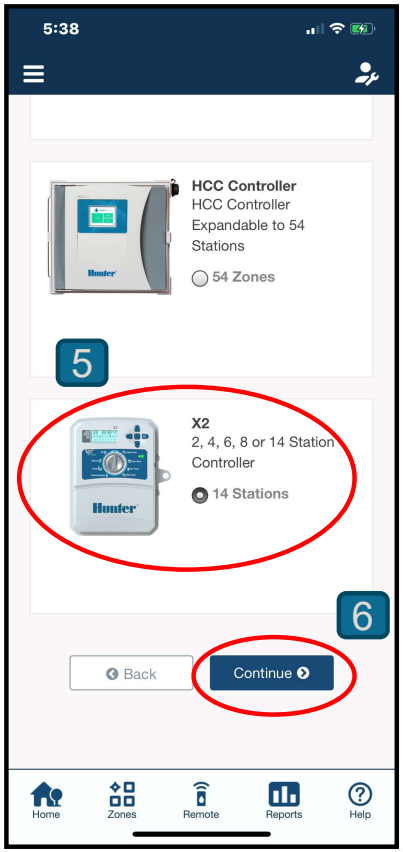


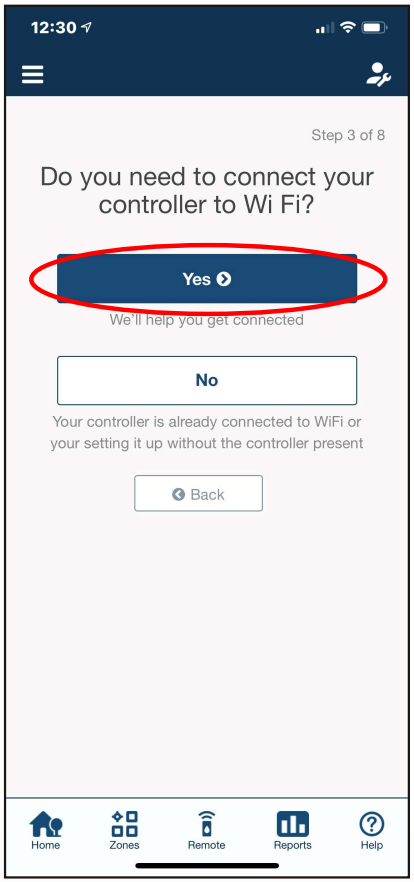



12:00
New X2
My Controllers
Generate job sheet, change controller model, add or remove controller serial number
My Controllers
Search
CONTROLLERS
Belmont Race Track
New X2
PERTH STA
PRO-C-Tes
Riverton Dr
RUGBY-LA
Shelley Bac
Test
Tom Tristram
Vic Park
WACA Admin Building
Configure
Delete
Remove Serial Number
Generate Job Sheet
Setup Wizard
Change Controller Map Location
1
2
Home
Zones
Remote
Reports
Help

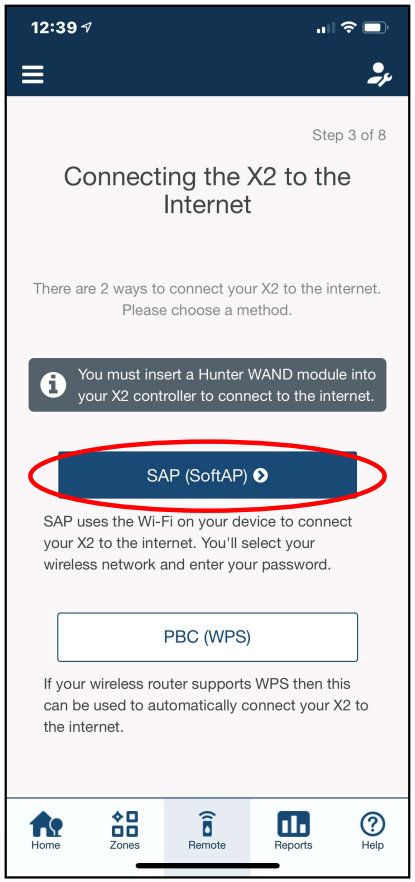

4:16
Welcome Rob Gough Hunter WA-NT
Welcome to Hydrawise!
To make your experience as painless as possible we will run you through a wizard to get your controller configured
Let's get started
3
Home
Zones
Remote
Reports
Help


4:14
Step 1 of 8
Choose a name for your Controller
Naming a controller is useful if you have multiple controllers in your account
New X2
Continue
4
Home
Zones
Remote
Reports
Help


5:38
HCC Controller
HCC Controller
Expandable to 54 Stations
54 Zones
5
X2
2, 4, 6, 8 or 14 Station Controller
14 Stations
6
Back
Continue
Home
Zones
Remote
Reports
Help

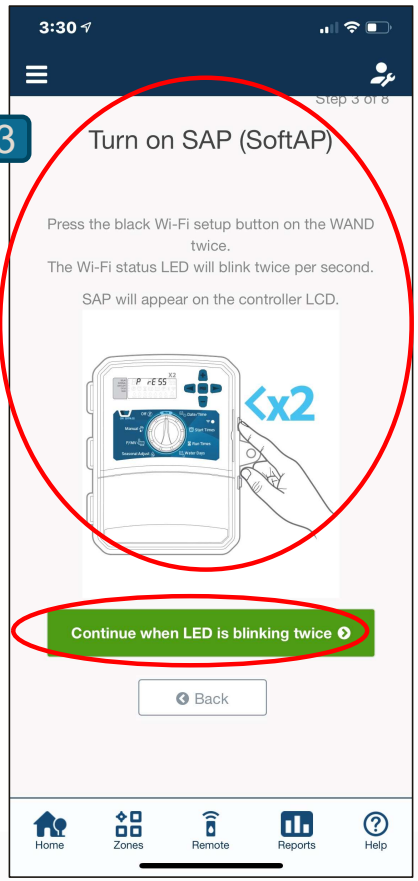

12:30
Step 3 of 8
Do you need to connect your controller to Wi Fi?
Yes
We'll help you get connected
No
Your controller is already connected to WiFi or your setting it up without the controller present
Back
Home
Zones
Remote
Reports
Help

1


12:39
Step 3 of 8
Connecting the X2 to the Internet
There are 2 ways to connect your X2 to the internet. Please choose a method.
You must insert a Hunter WAND module into your X2 controller to connect to the internet.
SAP (SoftAP)
SAP uses the Wi-Fi on your device to connect your X2 to the internet. You'll select your wireless network and enter your password.
PBC (WPS)
If your wireless router supports WPS then this can be used to automatically connect your X2 to the internet.
Home
Zones
Remote
Reports
Help

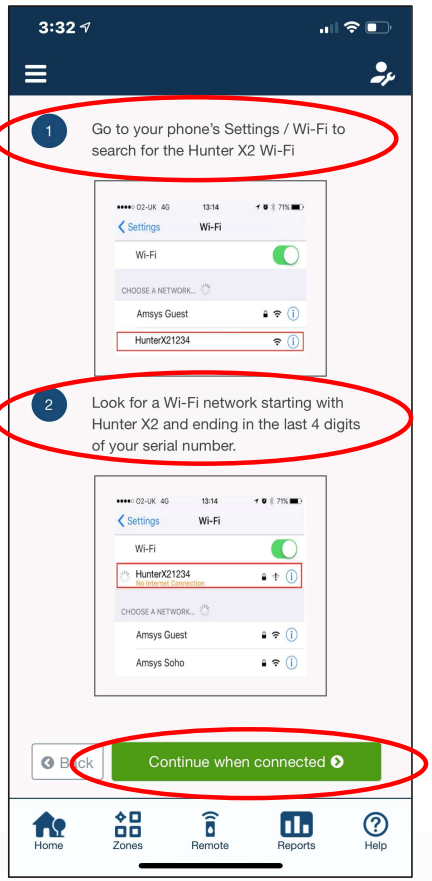
2

3


3:30
Turn on SAP (SoftAP)
Press the black Wi-Fi setup button on the WAND twice.
The Wi-Fi status LED will blink twice per second.
SAP will appear on the controller LCD.
x2
Continue when LED is blinking twice
Back
Home
Zones
Remote
Reports
Help

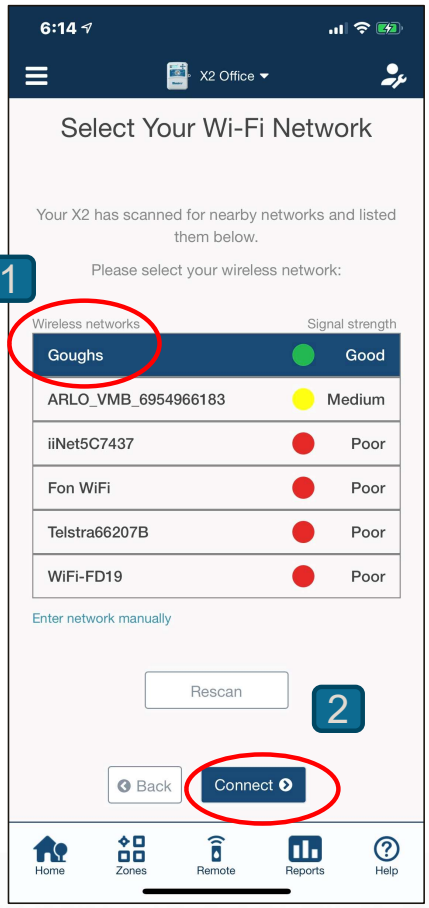
4

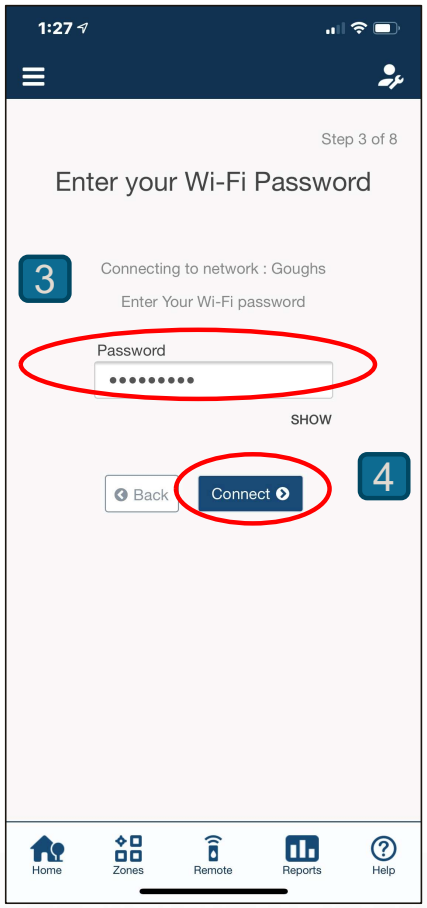
5

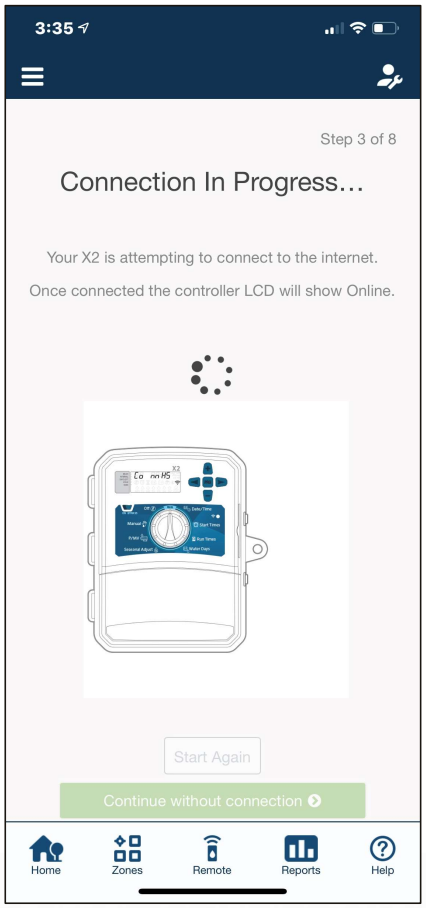

3:32
1
Go to your phone's Settings / Wi-Fi to search for the Hunter X2 Wi-Fi
Settings
Wi-Fi
Amsys Guest
HunterX21234
2
Look for a Wi-Fi network starting with Hunter X2 and ending in the last 4 digits of your serial number.
HunterX21234
Amsys Guest
Amsys Soho
Back
Continue when connected
Home
Zones
Remote
Reports
Help

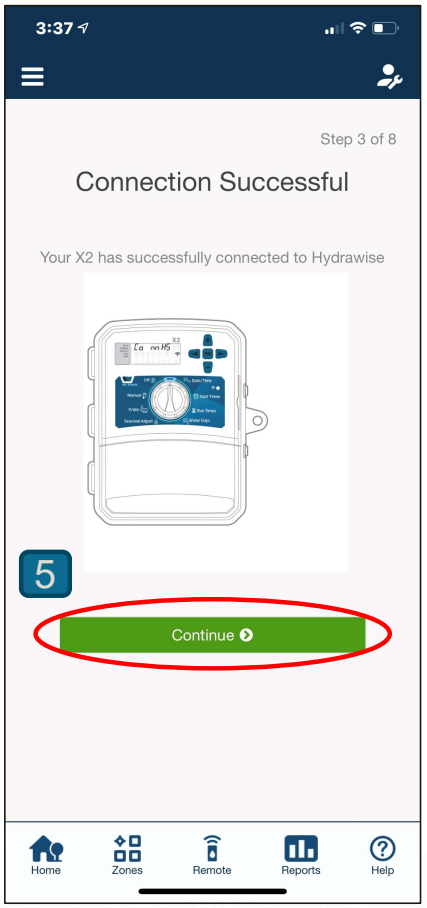
6

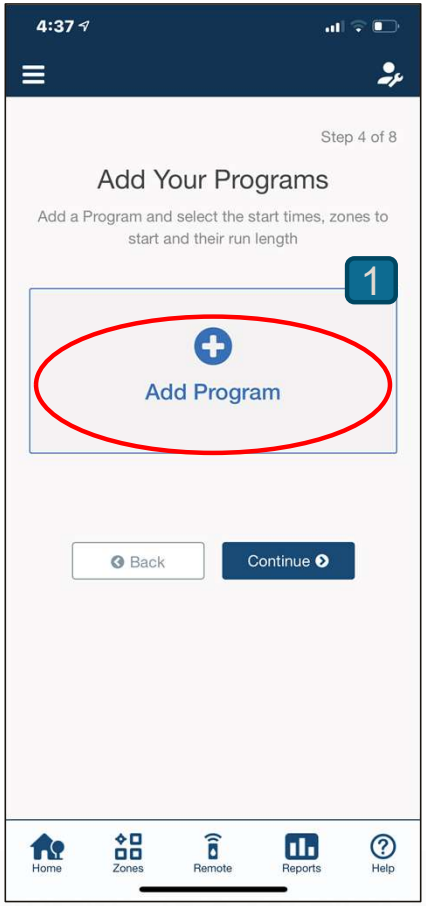
7

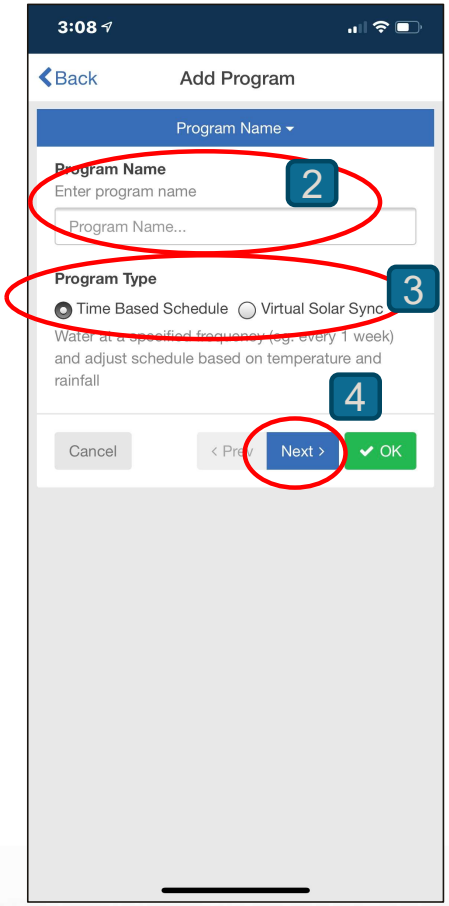

6:14
X2 Office
Select Your Wi-Fi Network
Your X2 has scanned for nearby networks and listed them below.
Please select your wireless network:
1
Wireless networks
Signal strength
Goughs
Good
ARLO_VMB_6954966183
Medium
iiNet5C7437
Poor
Fon WiFi
Poor
Telstra66207B
Poor
WiFi-FD19
Poor
Enter network manually
Rescan
2
Back
Connect
Home
Zones
Remote
Reports
Help

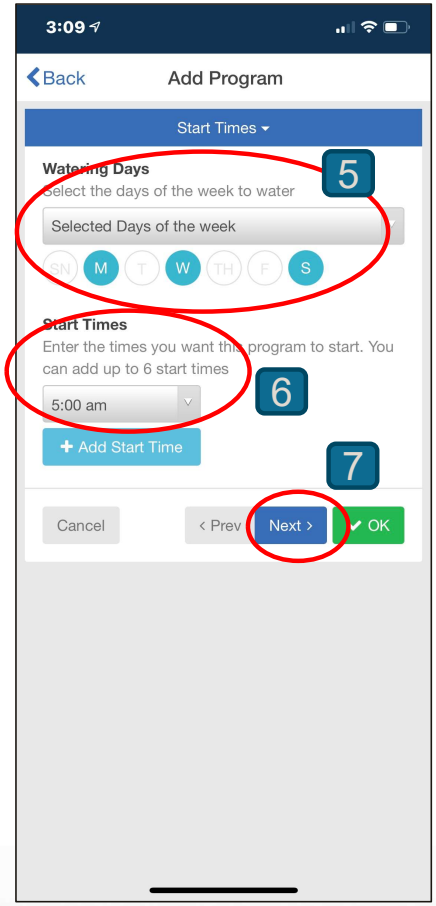

1:27
Step 3 of 8
Enter your Wi-Fi Password
3
Connecting to network : Goughs
Enter Your Wi-Fi password
Password
SHOW
Back
Connect
4
Home
Zones
Remote
Reports
Help

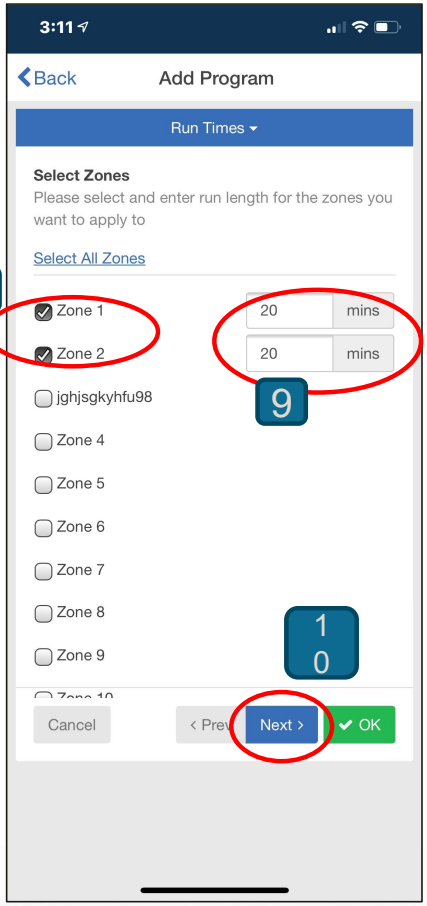

3:35
Step 3 of 8
Connection In Progress…
Your X2 is attempting to connect to the internet.
Once connected the controller LCD will show Online.
Start Again
Continue without connection
Home
Zones
Remote
Reports
Help

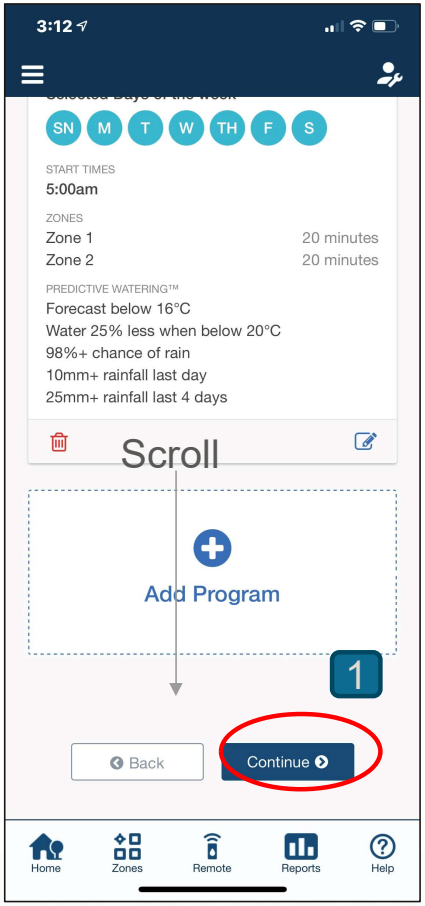

3:37
Step 3 of 8
Connection Successful
Your X2 has successfully connected to Hydrawise
5
Continue
Home
Zones
Remote
Reports
Help

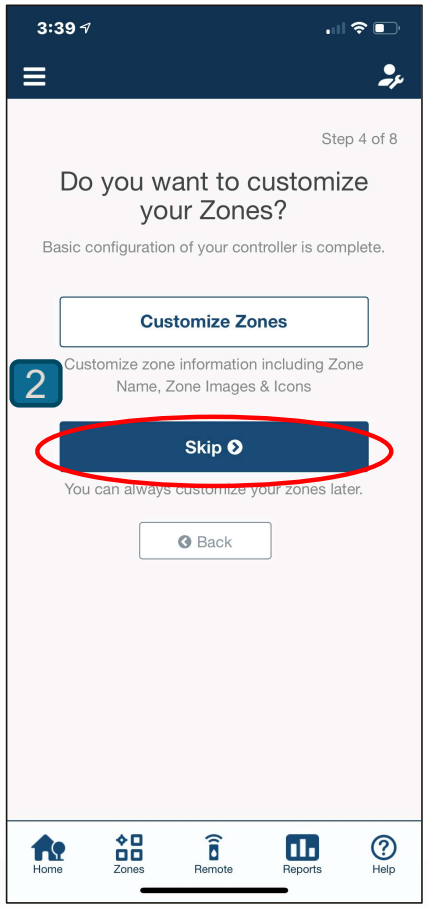

4:37
Step 4 of 8
Add Your Programs
Add a Program and select the start times, zones to start and their run length
1
Add Program
Back
Continue
Home
Zones
Remote
Reports
Help

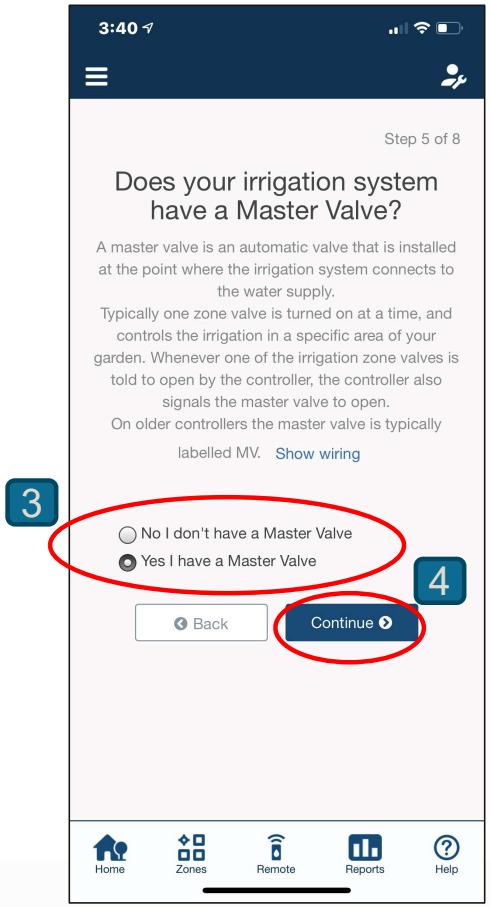

3:08
Back
Add Program
Program Name
Program Name
Enter program name
2
Program Name...
Program Type
3
Time Based Schedule
Virtual Solar Sync
and adjust schedule based on temperature and rainfall
4
Cancel
Next
OK

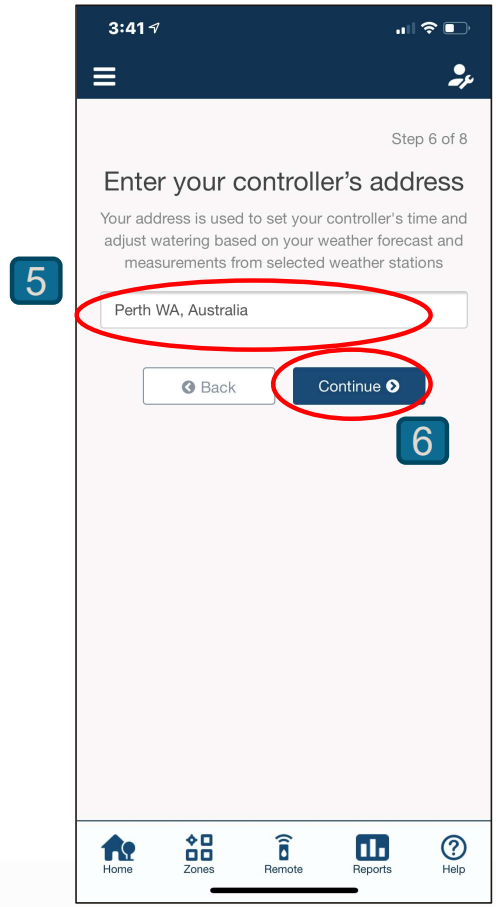

3:09
Back
Add Program
Start Times
Watering Days
Select the days of the week to water
5
Selected Days of the week
M
T
W
TH
F
S
Start Times
Enter the times you want this program to start. You can add up to 6 start times
5:00 am
6
Add Start Time
7
Cancel
Prev
Next
OK

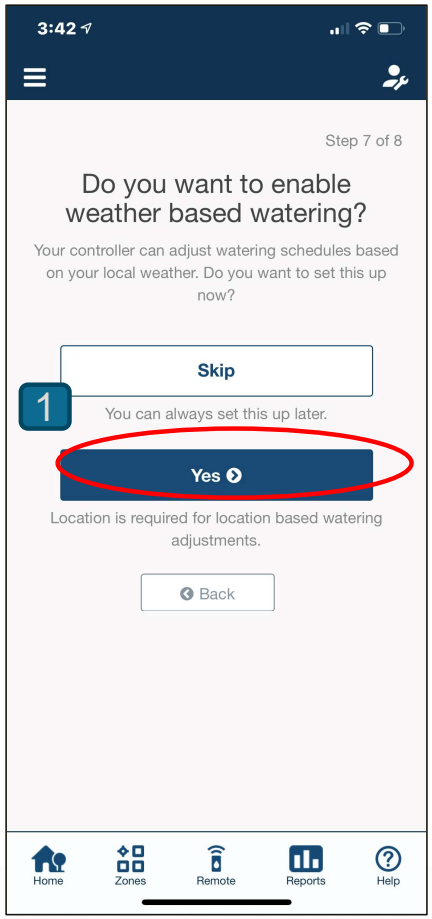

3:11
Back
Add Program
Run Times
Select Zones
Please select and enter run length for the zones you want to apply to
Select All Zones
8
Zone 1
20
mins
Zone 2
20
mins
9
jghjsgkyhfu98
Zone 4
Zone 5
Zone 6
Zone 7
Zone 8
Zone 9
10
Cancel
Prev
Next
OK

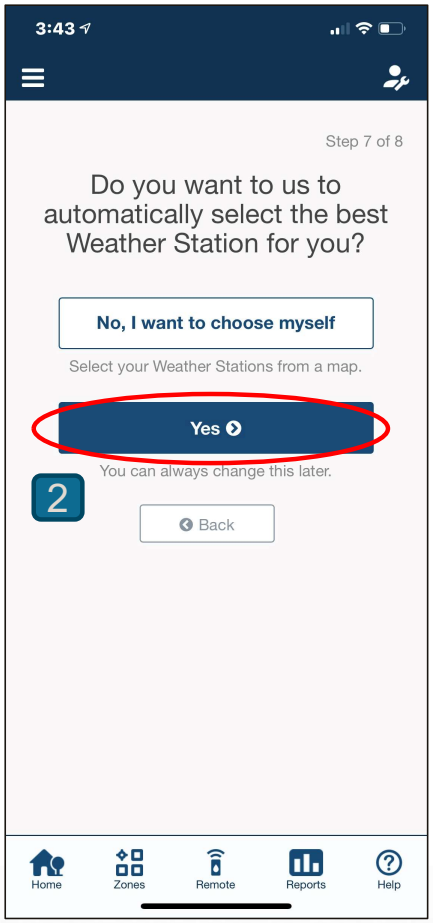

3:12
SN M T W TH F S
START TIMES
5:00am
ZONES
Zone 1 20 minutes
Zone 2 20 minutes
PREDICTIVE WATERING™
Forecast below 16°C
Water 25% less when below 20°C
98%+ chance of rain
10mm+ rainfall last day
25mm+ rainfall last 4 days
Scroll
Add Program
1
Back
Continue
Home
Zones
Remote
Reports
Help

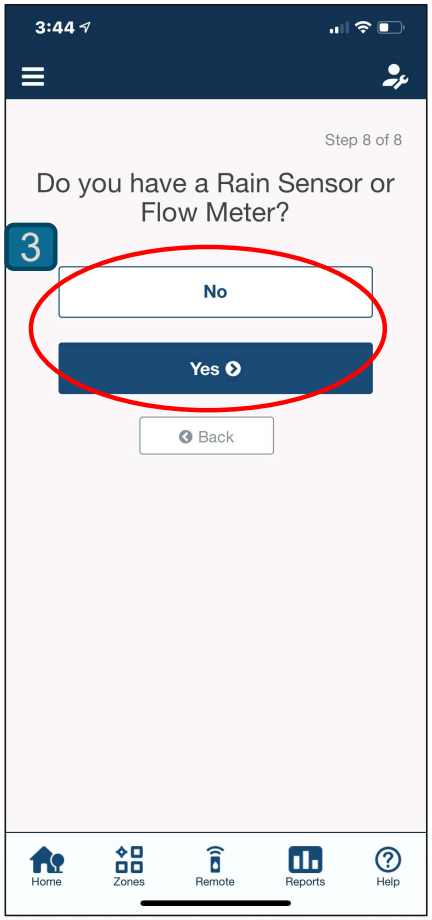

3:39
Step 4 of 8
Do you want to customize your Zones?
Basic configuration of your controller is complete.
Customize Zones
2
Customize zone information including Zone Name, Zone Images & Icons
Skip
You can always customize your zones later.
Back
Home
Zones
Remote
Reports
Help

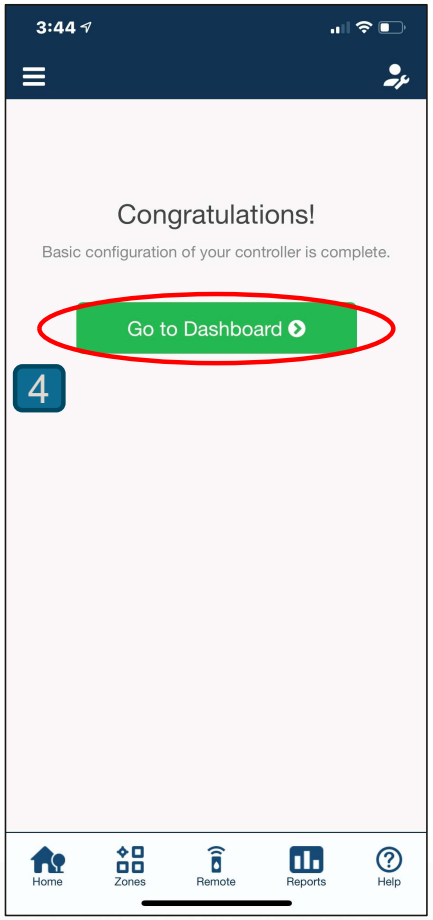

3:40
Step 5 of 8
Does your irrigation system have a Master Valve?
A master valve is an automatic valve that is installed at the point where the irrigation system connects to the water supply.
Typically one zone valve is turned on at a time, and controls the irrigation in a specific area of your garden. Whenever one of the irrigation zone valves is told to open by the controller, the controller also signals the master valve to open.
On older controllers the master valve is typically labelled MV. Show wiring
3
No I don't have a Master Valve
Yes I have a Master Valve
4
Back
Continue
Home
Zones
Remote
Reports
Help


3:41
Step 6 of 8
Enter your controller's address
Your address is used to set your controller's time and adjust watering based on your weather forecast and measurements from selected weather stations
5
Perth WA, Australia
Back
Continue
6
Home
Zones
Remote
Reports
Help


3:42
Step 7 of 8
Do you want to enable weather based watering?
Your controller can adjust watering schedules based on your local weather. Do you want to set this up now?
Skip
1
You can always set this up later.
Yes
Location is required for location based watering adjustments.
Back
Home
Zones
Remote
Reports
Help


3:43
Step 7 of 8
Do you want to us to automatically select the best Weather Station for you?
No, I want to choose myself
Select your Weather Stations from a map.
Yes
2
You can always change this later.
Back
Home
Zones
Remote
Reports
Help


3:44
Step 8 of 8
Do you have a Rain Sensor or Flow Meter?
3
No
Yes
Back
Home
Zones
Remote
Reports
Help

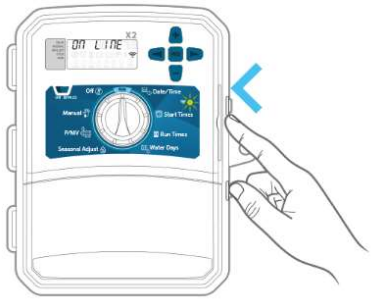

3:44
Congratulations!
Basic configuration of your controller is complete.
Go to Dashboard
4
Home
Zones
Remote
Reports
Help

https://www.hunterindustries.com/en-metric/support/wand-wi-fi

SUPPORT | X2 SUPPORT

WAND - FACTORY RESET

READ ARTICLE



1. Press and hold the WAND button for 5 seconds and '**Fdr**' will appear on the controller LCD.
2. The module LED will turn off.
3. Release the button when the solid amber LED appears. The word "DONE" will appear on the controller LCD.
4. Return to the setup process to reconnect WAND to Wi-Fi.

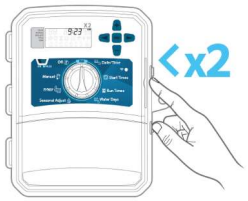
SUPPORT MENU

- X2 Support
- Components
- Installation +
- Basic Programming +
- Manual Operations +
- System Off +
- Troubleshooting +
- Advanced Features +
- WAND –
  - Wi-Fi Module
  - Navigating the Module
  - Wi-Fi Setup
  - Connect to Hydrawise
  - Bluetooth Setup
  - SAP (SOFTAP) SETUP
  - PBC (WPS) Setup

SUPPORT | X2 SUPPORT

WAND - SAP (SOFTAP) SETUP

READ ARTICLE



1. Enable the Wi-Fi setting on your device.
2. Press the WAND button twice: The solid amber will blink twice per second and 'SAP' will appear on the controller LCD.
3. In your smartphone, tablet, or computer Wi-Fi settings connect to the network named HunterX2XXX.

SUPPORT | X2 SUPPORT

X2 - WAND ERR CODES

READ ARTICLE

Here is a list of the error codes and ways to troubleshoot them:

X2 - CONTROLLER CODE	CODE DESCRIPTION	SOLUTION
FAIL	The provisioning failed	Re-provision the device
donE	The previous operation is complete	N/A
bAd/SSID/OR/PASS/CodE	The AP was not found or the password is incorrect	Check the spelling of the SSID and/or password
rouTer/CONNECT/FAIL	Cannot connect to the AP	Check that AP is available.
Cloud/CONNECT/FAIL	Can't connect to Hydrawise	Server down or Certificate is bad
OFF/LINE	WAND was connected to the AP, but the Wi-Fi connection went away.	Check AP/Internet
ONLINE	Connected to Hydrawise Server	N/A
PUSH/SIdE/Button	Press the button to begin provisioning	Press the button [1|2|3] times to select the desired provisioning method
H xxx	WAND Firmware Version Number	N/A
C xxx	X2 Controller Firmware Version Number	N/A

Hydrawise Support
E: support@hydrawise.com
Ph: 02 82947781