BURCAM
Quality pumps since 1978

450455

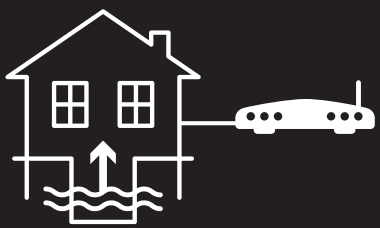
Wi-Fi Water Watcher

Instructions must remain with installation.

2 YEAR WARRANTY

To register and connect this unit, please proceed with a PC using Google Chrome or Firefox

© 2018 BURCAM Printed in Canada 450456T.2



ALERTS YOU
before any water damage
occurs from your sump
or sewage tank

IMPORTANT : Your "Wi-Fi Water Watcher" has a function to alert you in case of a loss of connectivity to our server. Nevertheless, to get the most out of your "Wi-Fi Water Watcher", a back-up battery for your router and modem is required to maintain connectivity in case of a power failure. This kind of back-up system is available from all reputable computer equipment retailers. We highly recommend adding such a system to your existing computer equipment if you have not already done so.

TYPICAL INSTALLATION DIAGRAM ON BACK PAGE.

COMPATIBLE WITH ANY TYPE OF WATER PUMPING SYSTEM.

www.burcam.com

Safety and supplementary information

This product has been carefully packaged at the factory to prevent damage during shipping. However, occasional damage may occur due to rough handling. Carefully inspect this product for damages that could cause failures. Report any damage to your carrier or your point of purchase.

SAFETY INSTRUCTIONS

This fine product that you have just purchased is designed from the latest in material and workmanship. Before installation and operation, we recommend the following procedures:

- CHECK WITH YOUR LOCAL ELECTRICAL AND PLUMBING CODES TO ENSURE YOU COMPLY WITH THE REGULATIONS. THESE CODES HAVE BEEN DESIGNED WITH YOUR SAFETY IN MIND. BE SURE YOU COMPLY WITH THEM.
- WE RECOMMEND THAT A SEPARATE CIRCUIT BE LEAD FROM THE HOME ELECTRICAL DISTRIBUTION PANEL PROPERLY PROTECTED WITH A FUSE OR A CIRCUIT BREAKER. THIS PRODUCT HAS TO BE SECURELY PLUGGED INTO A PROPER 'GFCI' ELECTRICAL OUTLET. CONSULT A LICENSED ELECTRICIAN FOR ALL WIRING.
- WHEN SUPPLIED, THE GROUND TERMINAL ON A THREE-PRONG PLUG SHOULD NEVER BE REMOVED. IT IS SUPPLIED AND DESIGNED FOR YOUR PROTECTION.
- NEVER MAKE ADJUSTMENTS TO ANY ELECTRICAL APPLIANCE OR PRODUCT WITH THE POWER CONNECTED. DO NOT ONLY UNSCREW THE FUSE OR TRIP THE BREAKER, REMOVE THE POWER PLUG FROM THE RECEPTACLE.

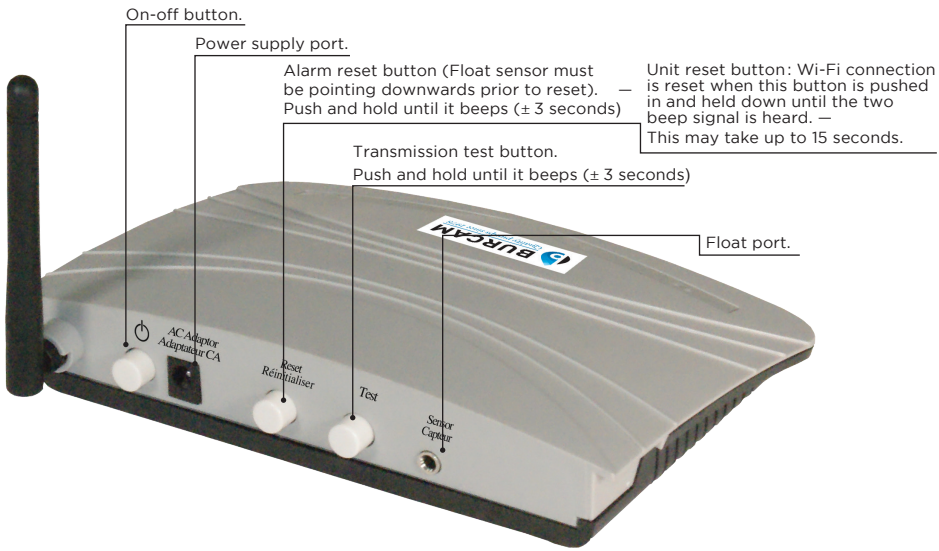
This product was developed to notify you when a liquid level reaches a critical point. However, it does not offer any guarantee that messages will be transmitted due to the nature of the product itself. There are several steps involved in the transmission of a message between the alarm and your smart phone including your router and your modem, your internet access, several servers, our internet access, our provider for text message transmission, your cell phone service provider, etc., as well as any other device within the transmission network between the Wi-Fi Water Watcher and your smart phone. Although all devices within the transmission network have a high degree of reliability, one of them may stop functioning due to factors that are beyond our control, which may prevent messages from being transmitted. It is your responsibility to regularly check that your product is functional.

A detailed manual is available at www.burcam.com.
Search for product model 450455.

BURCAM
Quality pumps since 1978

Safety and supplementary information

This product does not require any internal maintenance. Opening this unit voids the warranty.



Quick set-up of the Wi-Fi Water Watcher

To connect the alarm controller to your router, you need a computer, a tablet or a smart phone with Wi-Fi connectivity and a Web browser installed.

**** Before you begin, have your local Wi-Fi name (SSID) and password handy, as well as the encryption method (normally WPA2PSK) and encryption algorithm (normally AES) of your router. ****

Step 1. To connect the alarm controller to your local Wi-Fi router.

A. For initial set up purposes, install the alarm controller within 15 feet (5 meters) of your Wi-Fi router.

B. Connect the enclosed power supply to the appropriate port on the control panel at the rear of the alarm controller and then plug it into a 115V AC receptacle.

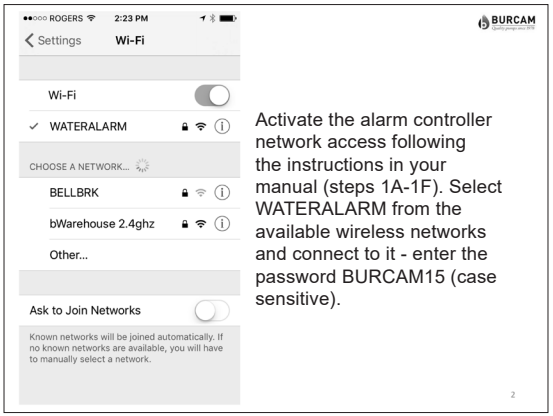
C. Connect the enclosed float sensor to the appropriate port on the control panel of the alarm controller. Keep the float sensor pointing downwards.

D. Push the On/Off button on the control panel. The left LED will turn on to confirm the unit is powered by the power supply.

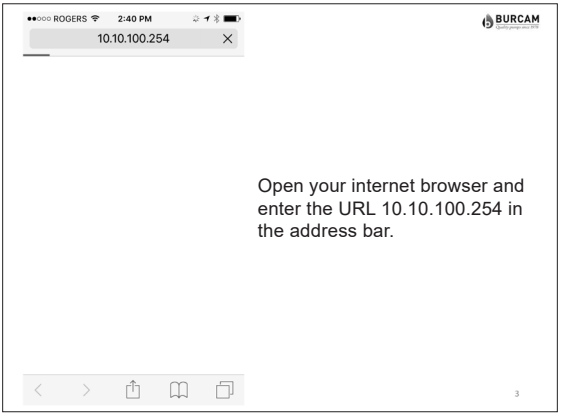
E. Wait one minute then push the ***RESET*** button on the control panel until you hear the two-beep signal. This may take up to 15 seconds. Then release the button and you will hear the two-beep signal once more. Wait ten seconds then turn off the unit by pressing the On/Off button. Wait thirty seconds then push the On/Off button again. The unit will restart with its network access activated. It is now ready to be connected to the Wi-Fi network.

F. Using a computer, a tablet, or a smart phone, connect it to the alarm controller's network access. This network access will appear on your available Wi-Fi networks as **WATERALARM**.

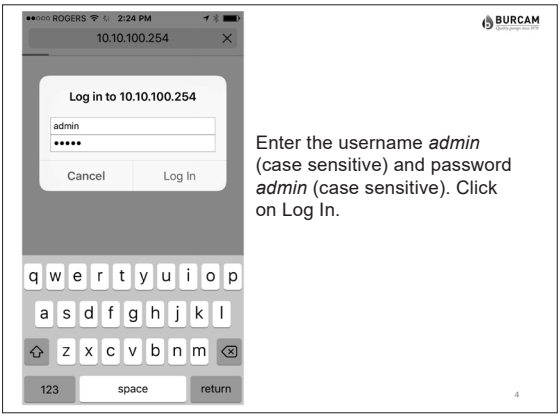
Select it and enter the ***BURCAM15*** password (case sensitive — all uppercase letters). You are now connected to the controller's network access.



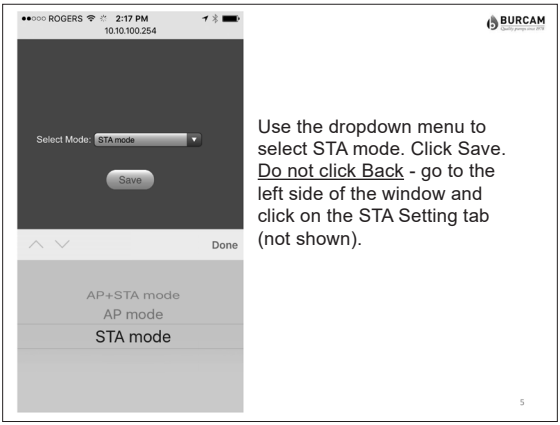
G. Open your web browser and enter the web address (URL) ***10.10.100.254*** in the address bar of your web browser to open the set-up page of the alarm controller.



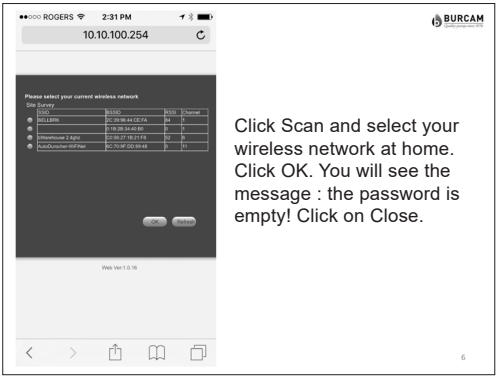
H. Enter the Username ***admin*** (case sensitive) and the Password ***admin***. Then click on Log In. You now have access to the alarm controller set-up page.



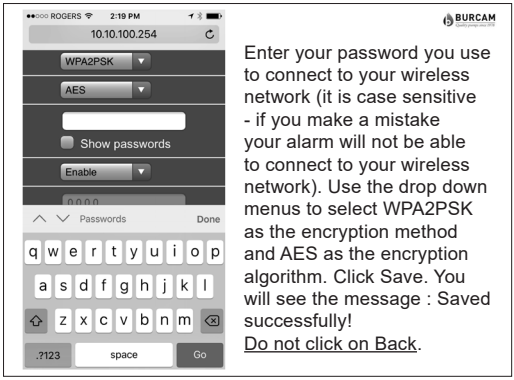
I. Click on ***Work Mode*** on the left menu and select ***STA mode***, then click on ***Save*** only. Do not click on ***Restart*** or ***Back***.



J. Click on ***STA Setting*** on the left menu. Then, replace the Wi-Fi name (SSID) by ***your local router Wi-Fi name*** (case sensitive). You may also scan to list the available Wi-Fi networks in range and select your network. Since no password is entered, click on the OK button on the warning window. Select the encryption method of your network generally ***WPA2PSK*** and the encryption algorithm generally ***AES*** and enter your Wi-Fi network password in the appropriate field, then click on ***Save*** .

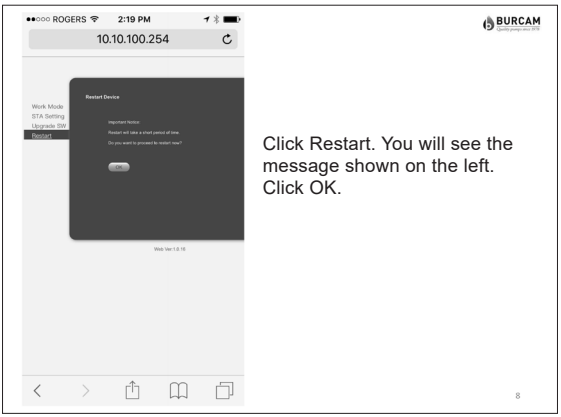


Click Scan and select your wireless network at home. Click OK. You will see the message : the password is empty! Click on Close.



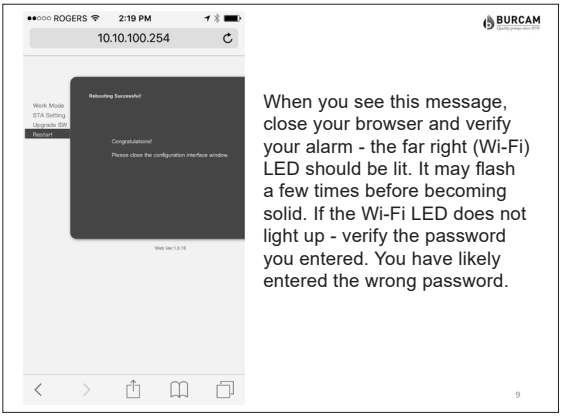
Enter your password you use to connect to your wireless network (it is case sensitive - if you make a mistake your alarm will not be able to connect to your wireless network). Use the drop down menus to select WPA2PSK as the encryption method and AES as the encryption algorithm. Click Save. You will see the message : Saved successfully!
Do not click on Back.

K. Click on ***Restart*** to allow your alarm controller to connect to your Wi-Fi network.



Click Restart. You will see the message shown on the left. Click OK.

L. Wait until the far right LED turns on to confirm that the alarm controller is connected to the internet. A flashing right LED indicates that the unit is connected to the WI-FI router only.



When you see this message, close your browser and verify your alarm - the far right (Wi-Fi) LED should be lit. It may flash a few times before becoming solid. If the Wi-Fi LED does not light up - verify the password you entered. You have likely entered the wrong password.

M. If ever the far right LED does not turn on, you have probably not selected the appropriate encryption method and/or encryption algorithm for your router. Find the correct information and re-start the process at the line D.

N. To finalise the connection to your router, press the On/Off button, wait thirty seconds then push the On/Off button again. This is to confirm that the unit reconnects automatically to your Wi-Fi network.

Step 2. To configure the system manager to receive the messages.

A Go to www.burcam.com .

B. Click on the ***Red Wi-Fi Water Watcher set-up*** button at the top of the home page.

C. Enter the serial number in the appropriate field and click ***OK*** (ID code on the label under the unit).

D. When your serial number is validated, click on ***create your parameters.***

E. Choose a password that you will remember and enter it as your access code. Enter the password a second time and click on ***validate***.

F. Enter up to three email addresses and three phone numbers (for USA and Canada only) which will receive the messages. Check the ***"I confirm"*** box and click on ***submit***.

G. If desired, you can return to the line 2B and enter your serial number and password to update the email addresses and phone numbers at your convenience.

Step 3. To test the transmissions.

A. Push the ***test*** button on the control panel of the alarm controller. You will receive the test message within 2 minutes.

B. Test that the float sensor is functional by lifting up the float sensor to trigger the high level alarm. Upon reception of the high level alarm message, reposition the float sensor so that it is pointing downwards and press the reset button to receive the alarm reset confirmation message. You may reset at any time, but you will still receive the high water level message three times at five-minute intervals even after resetting the unit.

You can now install the unit near the sump, sewage, or liquid container to monitor abnormally high liquid levels. Using a tie wrap, set the float sensor to turn the alarm on 1" above the highest normal liquid level of the application.

YOUR INFORMATION

MY SERIAL #: _____

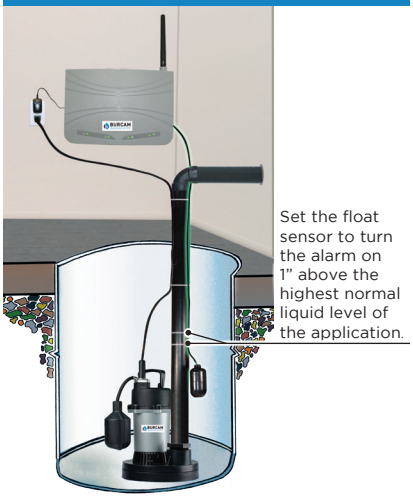
MY WI-FI NAME (SSID): _____

MY PASSWORD: _____

ENCRYPTION METHOD: _____

ENCRYPTION ALGORITHM: _____

Typical installation diagram



Types of messages that can be received:

1. A "***TRANSMISSION TEST***" message is sent when the test button of the control panel is pushed.
2. A "***POWER SOURCE CHANGE***" message is sent when the power source changes from 115V to the battery back-up (if the 115V power supply stops powering the unit).
3. A "***LOW BATTERY***" message is sent when the battery needs to be recharged.
4. A "***HIGH LIQUID LEVEL***" message is sent when the float lifts up and triggers the alarm. This message is automatically sent a second time five minutes after the original message and a third time ten minutes after the original message.
5. A "***HIGH LIQUID LEVEL REMINDER***" message is sent every fifteen minutes until the unit is reset. This message is only sent after the initial "high liquid level" message has been sent and if the unit has not been reset.
6. A "***RESET CONFIRMATION***" message is sent when the reset button of the control panel is pushed (float sensor must be pointing downwards prior to doing the reset).
7. A "***CONFIRMATION OF ONGOING COMMUNICATION***" message is sent monthly to advise the owner that the connection to our server is still active (on an hourly basis, the device sends a signal to our server, which monitors when this message is received).
8. A "***LOSS OF COMMUNICATION***" message is sent when our server stops receiving the hourly signal from your device.

BURCAM
Quality pumps since 1978

2190 Dagenais Blvd. West
Laval, Quebec, Canada
H7L 5X9

TEL.: (514)337-4415
FAX.: (514)337-4029
TOLL FREE: 1-800 361-1820
E-MAIL: info@burcam.com