Trusted. Tested. Tough.®

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

ZOELLER® PUMP COMPANY

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Visit our website:
zoellerpumps.com

FM3120
0819
Supersedes
0119

Patent No.
D740329

AquaNot® 508 Fit

Real Time Peace of Mind.™

12 VOLT DC BATTERY BACKUP PUMP

INSTALLATION INSTRUCTIONS

PREINSTALLATION CHECKLIST

1. Inspect your pump. Occasionally, products are damaged during shipment. If the unit or any of the parts are damaged, contact your dealer before using.
2. Carefully read the literature provided to familiarize yourself with specific details regarding installation and use. These materials should be retained for future reference.

⚠ WARNING **SEE BELOW FOR LIST OF WARNINGS**

1. Testing for ground. As a safety measure each electrical outlet should be checked for ground using an Underwriters Laboratory listed circuit analyzer, which will indicate if the power, neutral and ground wires are correctly connected to your outlet. If they are not, call a qualified, licensed electrician.
2. For your protection, always disconnect the power supply from its power source before handling the components of your DC backup pump or the primary pump.
3. Installation and servicing of electrical circuits and hardware should be performed by a qualified, licensed electrician.
4. All electrical and safety codes must be followed including the National Electrical Code and all applicable local codes.
5.  It is the owner's responsibility to check the battery and battery connection <u>at least once a month</u>. Batteries contain acid, and caution must be taken when handling.
6. Risk of electric shock. These pumps have not been investigated for use in swimming pools and marine areas.
7. Prop65 Warning for California residents: Cancer and Reproductive Harm- www.P65Warning.ca.gov.

⚠ CAUTION **SEE BELOW FOR LIST OF CAUTIONS**

1. Make sure there is a properly grounded 115 V receptacle available. <u>Do not use primary pump circuit.</u> The location must be within 6' (1.8 m) of the control box and battery. The power supply for your DC control system plugs directly into the 115 V outlet. DO NOT USE AN EXTENSION CORD.
2. Make sure the 115 V electrical supply circuit is equipped with fuses or circuit breakers of proper capacity.
3. DC emergency pumps are designed for handling clear water. <u>Do not</u> use in septic tanks to pump effluent or in sewage pits to pump sewage.
4. Repair and service of your DC backup system should be performed by an authorized service station.
5. The installation of DC automatic backup pumps requires the use of a variable level float switch for operation. It is the responsibility of the installing party to ensure that the float switch will not hang up on the pump apparatus or pit <u>peculiarities</u> and is secured so the pump will turn "on" and "off". It is recommended that the pit be 18" (45.7 cm) in diameter or larger to accommodate both a primary and a DC backup pump.
6. For indoor use only.

⚠ CAUTION Turbulence caused by high-velocity incoming water can cause sump pumps to airlock. If this condition exists, the incoming water must be baffled to avoid excessive turbulence.

REFER TO WARRANTY ON PAGE 2.

LIMITED WARRANTY

Manufacturer warrants, to the purchaser and subsequent owner during the warranty period, every new product to be free from defects in material and workmanship under normal use and service, when properly used and maintained, for a period of three years from date of purchase by the end user. Zoeller batteries have a 3 year warranty. Parts that fail within the warranty period, that inspections determine to be defective in material or workmanship, will be repaired, replaced or remanufactured at Manufacturer's option, provided however, that by so doing we will not be obligated to replace an entire assembly, the entire mechanism or the complete unit. No allowance will be made for shipping charges, damages, labor or other charges that may occur due to product failure, repair or replacement.

This warranty does not apply to and there shall be no warranty for any material or product that has been disassembled without prior approval of Manufacturer, subjected to misuse, misapplication, neglect, alteration, accident or uncontrollable act of nature; that has not been installed, operated or maintained in accordance with Manufacturer's installation instructions; that has been exposed to outside substances including but not limited to the following: sand, gravel, cement, mud, tar, hydrocarbons, hydrocarbon derivatives (oil, gasoline, solvents, etc.), or other abrasive or corrosive substances, wash towels or feminine sanitary products, etc. in all pumping applications. The warranty set out in the paragraph above is in lieu of all other warranties expressed or implied; and we do not authorize any representative or other person to assume for us any other liability in connection with our products.

Contact Manufacturer at, 3649 Cane Run Road, Louisville, Kentucky 40211, Attention: Customer Support Department to obtain any needed repair or replacement of part(s) or additional information pertaining to our warranty.

MANUFACTURER EXPRESSLY DISCLAIMS LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES OR BREACH OF EXPRESSED OR IMPLIED WARRANTY; AND ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY SHALL BE LIMITED TO THE DURATION OF THE EXPRESSED WARRANTY.

Some states do not allow limitations on the duration of an implied warranty, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

In instances where property damages are incurred as a result of an alleged product failure, the property owner must retain possession of the product for investigation purpose.

MAINTENANCE

1. Inspect and test the system for proper operations at least every 3 months.*
   (a) Green "system ready" indicator light should be on, indicating AC power is on and there are no alarm conditions.
   (b) Unplug the primary pump and the controller from the power supply.
   (c) Fill the sump with water to the “on” level for the DC pump. Allow the pump to run a few minutes.
   (d) The alarm will sound approximately 1 second after the pump starts to run.
   (e) Push the Silence/Reset button. The alarm will turn off.
   (f) The pump will shut off after the water level is lowered and the float drops to the "off" position.
   (g) Hold silence/ reset button for 3 seconds to reset the controller and clear any alarms or indicators.
2. Plug the controller and the primary pump into the wall outlet.
   (a) The primary pump will come on, lower the water to the normal operating level and shut off.
   (b) The battery light will be yellow when charging. The charger is replacing the energy consumed during the test. The green light will come on after the charger has replaced the energy consumed during the test.

*Wet cell batteries water level should be checked every month. AGM batteries should not.

TROUBLESHOOTING INFORMATION

1. DC Pump won’t run.
   (a) Check for proper connections.
   (b) Check all wire terminal points. Clean if required.
   (c) Check for low battery. Service battery if required.
   (d) Check 30 amp fuse on controller (see fig. 3). If fuse is blown, replace with 30 amp automotive blade fuse.
2. Pump runs but pumps very little or no water without AC power.
   (a) Check for low battery. Battery will recharge if green power “on” light indicates power has been restored and the float switch is in the off position.
   (b) If immediate usage is required, remove and replace dead battery with a full recharged battery.
   (c) Due to varying conditions the pump may continue to run on a low battery without sufficient power to remove water. Pump will not stop running until battery is below minimum voltage.
   (d) ⚠ CAUTION Weak batteries can be recharged but may not store sufficient energy for full service. A weak recharged battery can only be detected by reduced pumping time or by professional load testing equipment. If your emergency pump system is used frequently the battery should be checked by a qualified battery dealer.
3. Pump runs but pumps very little or no water.
   (a) Verfiy pump is connected completely.
   (b) Check to make sure pump weep hole is clear and unit is not airlocked.
   (c) Make sure discharge piping is not blocked.
4. Pump cycles too frequently.
   (a) Check positions of rubber stops on operational float rod.
   (b) Adjust upper rubber float stop as required. Recommended for standard installation.
5. Float switch in “on” position for more than 3 seconds. Pump won’t run.
   (a) Remove pump. Check for obstruction in pump preventing impeller from rotating.
6. Pump runs, but pumps water intermittently.
   (a) Pump is air locking. Check flow of water incoming to sump. If water is entering the sump at a high velocity creating a turbulent condition, a mixture of air and water may cause a complete or partial air lock and reduce or stop the flow of water in the discharge pipe.
   (b) Baffle the incoming stream of water to reduce turbulence. Diverting water stream against wall of basin usually corrects an air lock problem.
7. Water level stays high. DC Pump continues to run.
   (a) Battery is low.
   (b) If power has been restored and water in sump remains high check primary pump. Service if required.
   (c) After several hours the battery will be restored to full charge.
8. Alarm sounds during battery recharge cycle.
   (a) To silence alarm if alarm will not reset, unplug the charger from 115 V wall outlet, then disconnect the black lead from charger on negative (-) battery post. Check battery. Replace if necessary. Reconnect and refer to Installation (step 12).

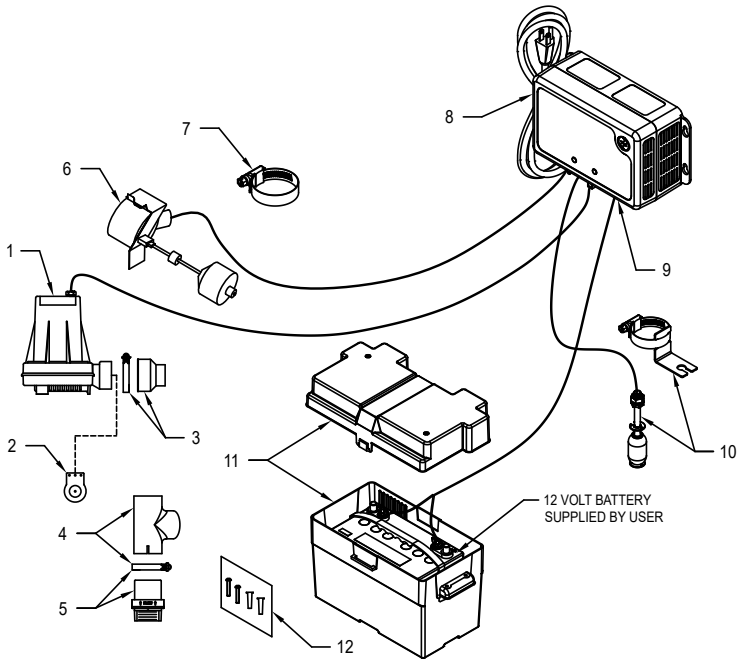
NOTE: The Z Control® Cloud may provide additional information.

DESCRIPTION

This system is a backup to your primary sump pump. It is designed to provide flood prevention during power outages or primary pump failure. This system is unique in that it has self-testing and communication features (if using with Gateway and Z Control® Cloud).

Pump	Construction	Non-corrodible plastic, premium seals
	Performance	35 GPM at 10' (113 LPM at 3 m) at 12.7 volts
	Continuous Running Time	5.5 hours
	Duty Cycle of 10%	2 days
	Connection	9' (2.7 m) wire with 2 position connector
Controller	Construction	ABS plastic
	Power Requirement	115 V 15 amp circuit
	Consumption	Up to 3 amps at 115 V
	Charger output	7 amp multi-stage
	Connections	8' (2.4 m) AC power cord, 6' (1.8 m) DC charging cable, connections for pump, operation switch, high water switch
Z Control	WiFi	Built in
Battery Box	Construction	Non-corrodible plastic
	Safety	Snap tight lid, keeps battery safe and clean

* When AC power is available, DC Pump operation does not deplete battery.



SK3183

Model 508 Fit			
Item	**Description**	**Qty**	**508-C 8/18 thru Current**
1	Pump 12 V DC / Backup (service part)	1	155652
2	Flapper asm, (service part)	1	152970
3	Fitting, asm & clamp "508" (service part)	1	152969
4	Fitting, PVC 1-1/2" (DN40) tee/SCH 40 (pressure fitting)	1	153766
5	Valve, check / 1.5" (DN40) Inline / vertical	1	153772
6	Operational float	1	155654
7	Clamp, #28 Worm-SS (float switch)	2	004287
8	Fit controller	1	155368
9	Fuse, 30 amp automotive	1	016918
10	High water float, NC	1	155653
11	Battery box asm (box and cover)	1	10-0764
12	Hardware pak, charger /switch mode	2	152864

PERFORMANCE

The DC pump performance at 12.7 Vdc

Discharge Feet of Head	5 (1.5 m)	10 (3 m)	15 (4.6 m)	28 (85 m)
Flow GPM (LPM)12.7 volts	43 (163)	35 (132)	27 (102)	Shut-off Head

The DC controller is equipped with a charger for maintaining the battery in a ready state and recharging the battery after use when AC power is restored. Time for recharge depends upon the amount of power consumed by the pumping cycle during the AC power interruption. The pump may go back to the ready run position in a very short period of time. A completely drained battery may require up to 24 hours for full recharge. If battery does not charge properly, the LED battery will flash red.

BATTERY SELECTION

The DC emergency pump system requires a good quality, 12 volt battery to obtain maximum pumping time during a power outage. A deep-cycle, 12 volt, 105 amp-hour marine battery or larger is recommended and will provide approximately 5.5 hours of continuous pumping time in a sump pump installation with 8' (2.4 m) of head pressure. In most installations, the pump runs intermittently and the battery life is extended accordingly. Batteries with top terminals are recommended for ease of installation. "Wet" cell batteries contain acid, and proper precaution must be taken when handling. Battery box will accommodate a maximum battery size of 13-1/2" (34.3 cm) Length x 7" (17.8 cm) Width x 9-1/2" (24.1 cm) Height. AGM batteries also recommended. Do not use gel batteries or automotive batteries.

INSTALLATION

1. The preferred method of installation for backup pumps is shown in Figure 1. The installation kit includes the necessary fittings. Includes the parts needed to install as in Figure 1. A check valve is incorporated in the discharge of the backup pump.

   NOTE: Do not install in small spaces where the controller will not be properly cooled.

2. Remove all parts from the shipping carton, and make sure all parts are included. Refer to the parts list on page 3.
3. Select a location for the battery and the controller. The controller must be within 8' (2.4 m) of a 115 V wall outlet and within 6' (1.8 m) of pump and basin. Connect to a separate circuit from the primary pump.
4. If the primary pump is installed, disconnect power.

   NOTE: Discharge piping must be 1-1/2" SCH 40 PVC

5. Remove the discharge pipe from the pump and place it aside.
6. Solvent weld the DC Pump discharge reducer fitting to the tee as shown in Figure 1. Ensure the O-ring is properly located on the pump discharge. Slide the DC pump into the fitting, and tighten the hose clamp.

   NOTE: The pump must be pushed all the way into the fitting to prevent the fitting from leaking.

7. Determine the position of the DC pump and measure for discharge piping. Use that measurement to cut the discharge pipe. Solvent weld that piece to the tee. Measure, cut and solvent weld any remaining discharge piping above the tee.

   NOTE: Check float operations to ensure the hose clamp screws will not interfere with the float operation of the primary pump.

8. Assemble the operation float assembly per Figure 3. Install float switches as seen in Figure 1.
9. Install the operational float switch bracket above the "on" level of the primary pump using the clamp provided. Make certain the clamp is tight on the pipe to avoid slippage. Ensure that the "off" level of the float is 1" (2.5 cm) minimum above the outlet of the DC backup pump. Position the pumps in the sump and move float up and down, ensuring free movement without interference from any obstructions inside the sump or lid. The float switch can be moved on the discharge pipe, or the rubber stops can be adjusted as necessary. Cut extra float rod length below lower float stop to prevent debris from interfering with float operation. Install the high water switch with the "on" level set at least 1" (2.5 cm) above the "on" level of the operational float using the supplied clamp. Move the switch up and down, ensuring free movement without interference from any obstructions inside the sump or lid.
10. Install the Fit Controller (see Figure 3) by using the anchors provided. For best cooling, install wall mount configuration. The controller should be located at least 3' (1 m) above the sump.
11. Connect the leads from the controller to the battery terminals. Positive (+) lead to positive terminal and black neg. (-) lead to negative battery terminal.

    ⚠ CAUTION Correct battery hook-up is essential for operation of the system. Use wing nuts supplied with battery and eyelet connectors on battery wire leads. The positive terminal is the larger stud, 3/8" (10 mm) diameter. The smaller stud, 5/16" (8 mm) diameter is the negative terminal. The stud sizes on the AGM battery are identical. Apply grease to the terminals to help prevent corrosion.

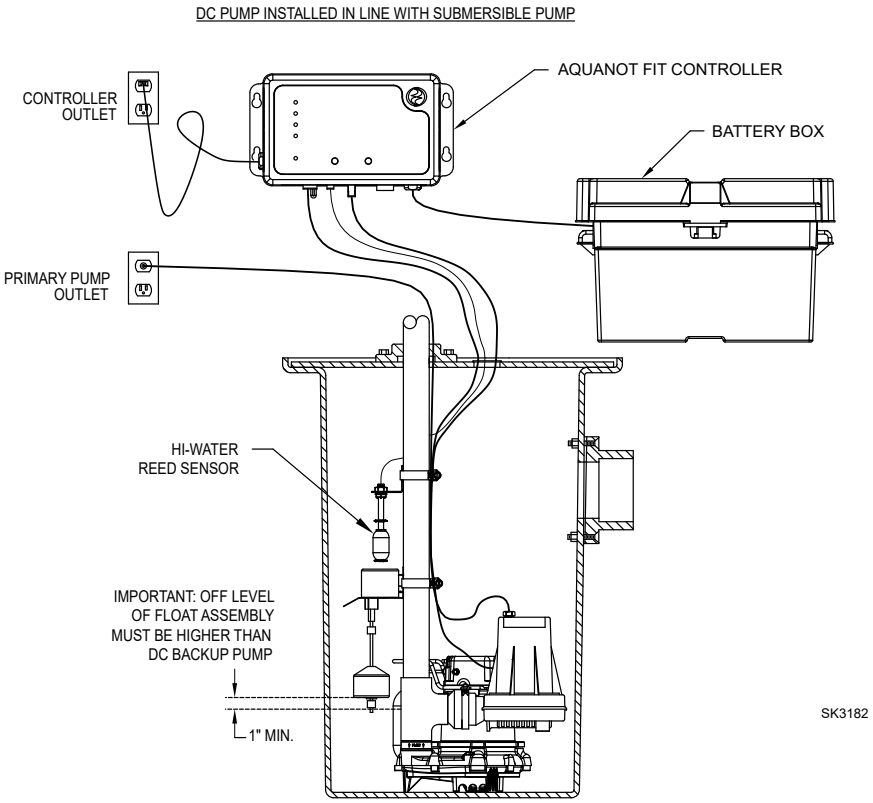
12. Connect the pump's plug into the controller terminal.
13. Plug the controller into the 115 V wall outlet. The primary sump pump and the controller should be on separate circuits.
14. Reconnect power to the primary sump pump.
15. The Aquanot® FIt Controller is designed for use with Z Control®.

INITIAL START-UP AND OPERATION

1. Test the installation for leaks by running water into the sump, allowing for normal operation of the primary pump.
2. Check the controller. The System ready light will be green when the unit is plugged into the 115 V wall outlet. The battery will indicate its condition when the controller has DC power. When the unit is first plugged in, all lights will flash and alarm will sound to verify all lights and the alarm work. Note that the charger may not begin charging for several minutes.
3. Disconnect the primary pump from its power source before touching any component in the sump pit.
4. Lift the operational float switch. After a couple seconds the DC backup pump will run, and the alarm will sound after about 1 second. Lower the operational float switch after the alarm sounds. Take care that the intake of the DC pump is set above the inlet of the primary pump. Press silence for 3 seconds to clear out the alarm and reset the unit.
   ⚠ CAUTION Continuous dry running may cause overheating and damage the pump seals. Upon release of the float switch, the pump will shut off. Be sure there are no obstructions around the float.
5. Check installation of the high water switch. Lift the high water float. The alarm will sound, and the light will alert of high water. If the operational float is down, the pump will run until the float lowers and the pump is no longer pumping water, or the run timer expires a foat fault LED will be lit. If the operational float is up during high water, unit will alarm and high water float light will illuminate. The pump will turn off once water is pumped lower than the operational float.
6. Complete the final testing of your installation by ensuring the primary pump is still disconnected from power. Then, unplug the fit controller from the 115 V wall outlet. Run water into the sump until the DC backup pump is activated by the operational float switch. Check all connections for leaks.
7. Push the Silence button when the pump is running. This will silence the alarm. The pump will continue to run until the operational float is deactivated.
8. Reconnect the controller and the primary pump to the AC wall outlets. The primary pump may come on, lower the water level in the sump back to its normal operating level, and shut off. Both primary and backup systems are now ready for use. Hold silence button for several seconds to reset the unit.
9. The battery hold silence button for several seconds to reset the unit. LED will be yellow during normal charging operation. See page 6 for a description of controller functions.

   NOTE: When running the pumps, it is normal for a stream of water to spray out of the 1/8" (3 mm) air relief hole.

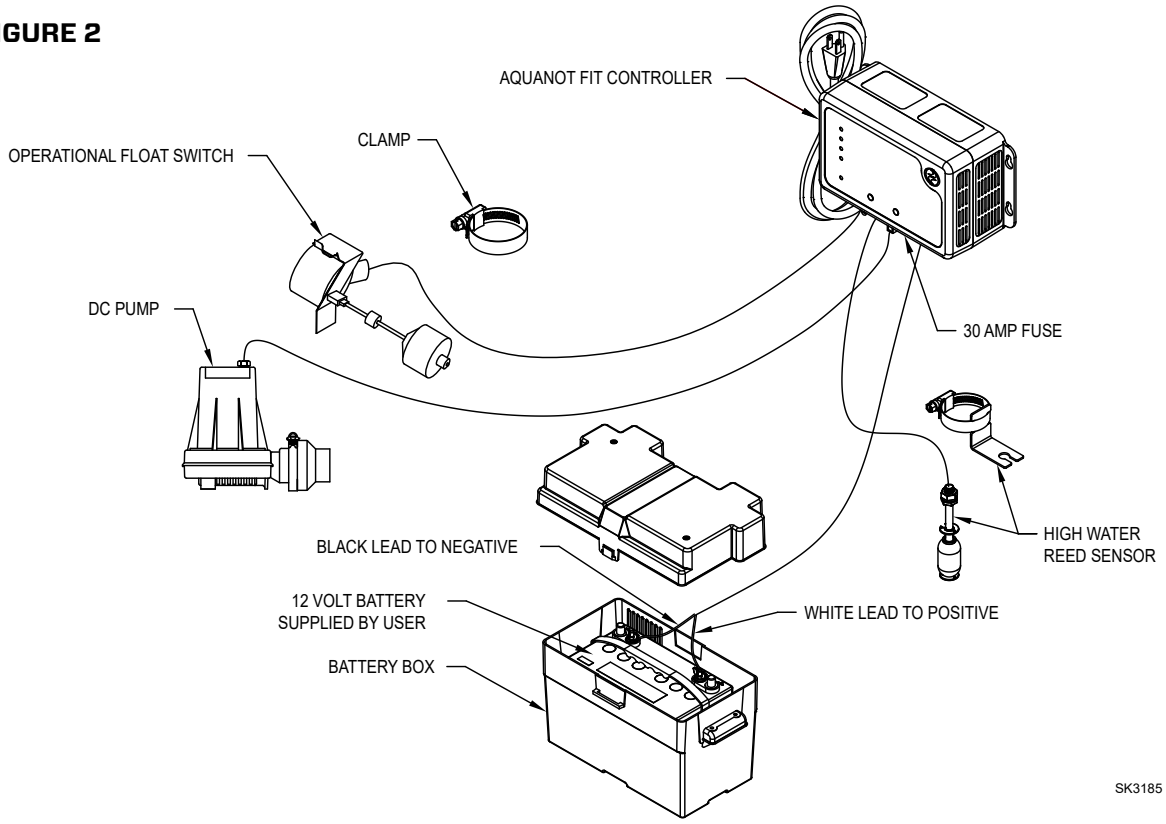
FIGURE 1



⚠ IMPORTANT To minimize risk of air lock, intake of DC pump must be set above intake of primary pump.

EXPLODED VIEW - DC PUMP

FIGURE 2



AQUANOT® FIT FLOAT SWITCH

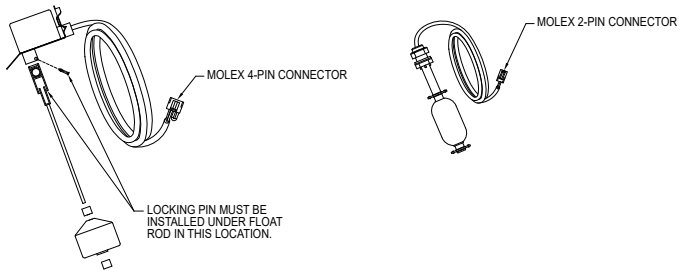


FIGURE 3

SK3186

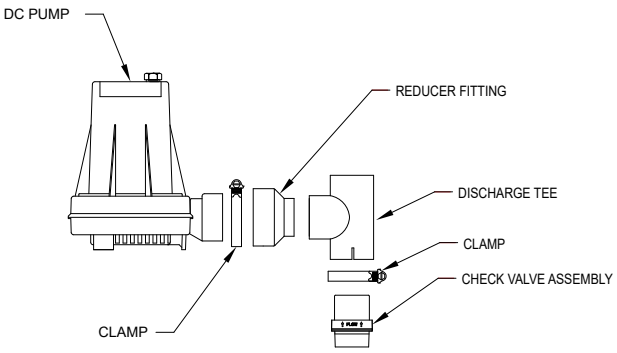


FIGURE 4

SK2962

FIT CONTROLLER FUNCTIONS

There are two buttons on the front of the controller.

- Silence/Reset

- Can be pressed to silence current alarms for 24 hours.
- Can be held for longer than 3 seconds to reset alarm. Reset will clear flashing light on unit.

- Test

- Will run the pump to determine if amp draw of pump is in range.
- Controller is factory programmed to self-test the pump for several seconds every 24 hours.
- Pressing the test button will start the 24-hour timer for self-testing.

The LEDs will display information about the controller.

AQUANOT FIT			
	Solid	**Flashing**	**Off**
System Ready	No Faults (Green)	AC off with no faults (Green)	--
Battery	Charged (Green)	Low Battery (Red)	No AC Power
	Charging (Yellow)		
	Bad Battery (Red)		
DC pump	Pump Ran (Yellow)	Pump Running (Yellow)	--
		Pump Fault (Red)	
Float Status	High Water (Red)	Float Fault (Red)	--
Z Control	Connected	Searching	Broadcasting SSID or Dormant

CONNECTING THE FIT TO Z CONTROL®

By connecting the Fit to the Z Control® Cloud using the built-in WiFi, the user can set up free alert messages via email, text, and mobile app "push" notifications. In addition, the user can verify the Fit's readiness, remotely silence alarms and reset the unit, configure settings, and modify how notifications are sent. Other visual information such as input status and battery level are available through the web and app interfaces.

Before you begin:

- Know what your WiFi router is named (i.e. its SSID) and its password. Double check you know the correct password and exactly how it is spelled, including capitalization. This will prevent the most common troubleshooting issues.
- Verify your WiFi router is connected to the internet.
- Verify your phone, tablet, or computer has working WiFi, can connect to your WiFi router, and that you can be close to the Fit during the installation process.
- Create a free account at zcontrolcloud.com.
- Locate the Fit's Device ID on the top sticker.

Connection Steps:

1. Apply AC Power to the Fit. The Z Control® LED will blink and then turn off, indicating the Fit is in AP Mode* and is transmitting an SSID (see Figure B). If the LED is blinking and not in AP mode, press the Z Control button for 12 seconds and let go. The LED will now be off, indicating the Fit is in AP Mode. A pen or toothpick or similar is required to press the Z Contol button.

***AP Mode** is when the Fit is broadcasting its "name", or SSID. The SSID is in the format ZCTL_Fit_xxxx where "xxxx" is the first 4 digits of your Fit's Device ID. The Fit's SSID will show up in your phone/tablet/computer's list of available WiFi, and selecting it will give you direct connectivity to the Fit. This is required in order to give your Fit the password credentials needed to connect to the WiFi of your choice.

Figure A

This LED should be off when Fit is in AP mode.

When user is connected to Fit to set up WiFi, LED will blink.

When Fit is connected to router and Z Control® Cloud, this LED will be solid.

Z Control button is underneath thru small hole.

Figure B

Select the Fit's SSID

2. Standing near the Fit, use your phone, tablet, or computer to look for the Fit's SSID in your WiFi settings (see Figure B). It will look like "ZCTL_Fit_xxxx" where "xxxx" is the first 4 digits of your Fit's Device ID. Select this, and 2 things will happen:

   1. The Z Control® LED will flash quickly.

   2. A Z Control® setup screen (See Figure C) will open after a few seconds.

   If the setup screen does not appear, open a browser on the same device and type "192.168.125.1" in the address bar. If the setup screen appears but is not used (cancelled or otherwise closed), the Fit will return to AP mode and the Z Control® LED will turn off until the next WiFi setup attempt.

3. On the setup screen (see Figure C), press the "WiFi Scan" button, scroll down to see the list of WiFi signals found, and choose the WiFi you want the Fit to use for internet connectivity. Enter the passphrase for the router you chose in the field indicated. If the passphrase is correct, the Fit will connect to the router and start sending status updates to zcontrolcloud.com. You will see the Z Control® LED go from blinking to solid. This could take up to a minute or so.

   If the LED does not turn solid, then the passphrase entered is incorrect, the router's security is insufficient (see note below**), or some other network restriction is in place (see your network administrator). The Fit will return to standby mode if the connection to router is not successful. If you need to force the Fit into AP mode again, press the Z Control® button for 12 seconds (See Figure A). This will cause the Fit to re-enter AP mode and begin transmitting its SSID again.

Figure C

Click WiFi Scan button

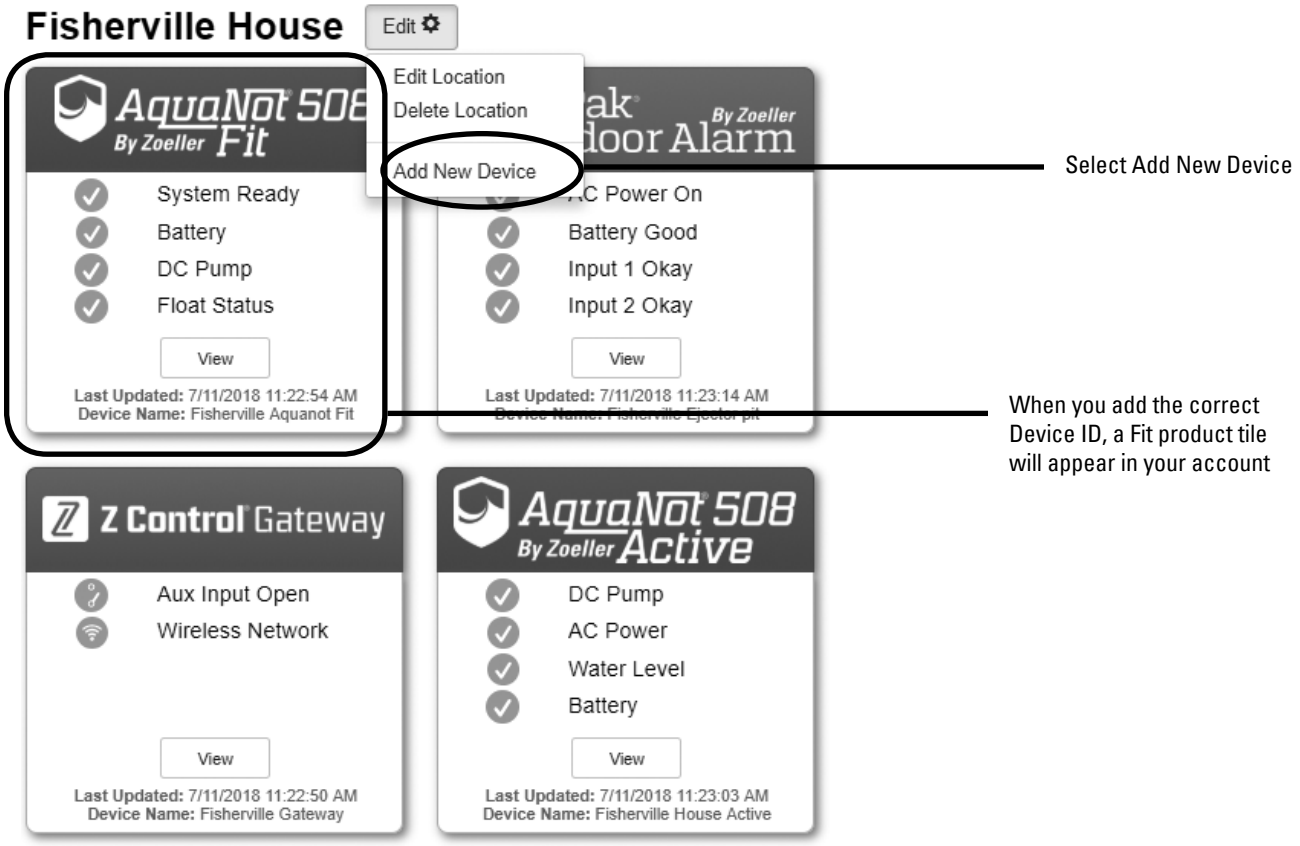
Available WiFi will be listed here. Select the one you want.

**Note that the Fit will not connect to routers with "WEP" or "OPEN" security.

4. Once the Fit's Z Control® LED is solid, log in to your account (or create one) at zcontrolcloud.com. Click the Edit button next to a location, and choose Add New Device (see Figure D). Follow the directions to add your Fit by either auto-detect or entering the Device I.D. When successful, a Fit product tile will appear in your account.

   The Fit is capable of OTA, or "over the air" firmware updates. It's possible that the Fit could perform an update immediately if one is available at the Z Control® Cloud. If an update is taking place, the Z Control® LED will flicker for up to 1 minute while the update is downloaded. The Z Control® LED will be solid and all other LEDs will turn off while the update is being installed. After up to 1 minute, the Fit will restart and return to normal operation. The Fit's alert history on the Z Control® Cloud will also be updated with the firmware upgrade information, and nofication to email accounts will occur.

Figure D



Congratulations! Your Fit is online. Be sure you have added the contact info for phone number and email adresses that should receive notification. This can done by selecting " manage contacts" from the main menu. You can also edit how each device sends out notifications from the devices "Alarm settings" tab. You can now open the product's configuration by clicking the "View" button to modify the Fit's device and notification settings.

You can also install the Z Control® mobile app on your mobile device (Android and iOS versions available, search "Z Control" in the app stores). This app allows for easy access to device information. Silence, Reset, and Test functionality is also included. The app is not currently designed for setting up WiFi, creating an account, or adding devices. These steps should be done through the web interface (using a mobile device to access the web interface is fine).

THE AQUANOT® BATTERY

There are millions of batteries manufactured each year, so it is impossible to guarantee consistent quality. A defective battery will never become fully charged and may damage the charging circuits of the Control. It is for this reason that Zoeller offers its own line of batteries. We offer both a water/acid deep-cycle battery and a maintenance-free AGM battery which can run the pump continuously for over 5 hours. These times are based on continuous pumping at 8' (2.4 m) of static head. Actual times will vary depending on static head, volume of water entering the pit, and the condition of the battery.

Follow these recommendations:
- Use a B.C.I. size 27 deep-cycle battery, 175 minute reserve capacity, or larger
- Do NOT use a "maintenance-free" battery unless it is an AGM battery
- Replace your battery every 3 years
- Do not let corrosion build up on the battery terminals
- To check specific gravity, follow the instructions on a hydrometer (wet cell batteries only)
- Use of the included plastic battery box is recommended to keep the battery safe and clean.

PROTECT YOUR WARRANTY:
- Water level in batteries must be checked once a month (wet cell batteries only)

CARBON MONOXIDE DETECTORS

Whether you have an Aquanot® Backup Pump System or a competitive brand, all use batteries that give off gaseous by-products when charging. Some of these by-products can produce a rotten egg odor. Also, some of these by-products can cause a CO detector to falsely activate. In order to help prevent false activation, Zoeller Pump Company recommends moving the battery as far away from the CO detector as possible or, if necessary, vent the battery to the exterior. Zoeller Pump Company provides the previous statements only as guidelines to help prevent false activation of the CO detector. In no way are they meant to supersede the instructions that accompany the detector, nor do they supersede advice from the CO detector manufacturer.

If the audible alarm associated with your CO detector is activated, we recommend the following actions:

1) Take immediate action for personal safety as recommended in the CO detector literature.

2) Contact the appropriate agency to determine if the CO is being produced by your furnace, water heater, or any other device which uses natural gas.

3) If you are certain that no CO is being produced, a charging battery may be producing gaseous by-products which are causing the CO detector to activate. Contact the manufacturer and ask for recommendations to prevent the alarm activation.

NOTES

These are the original installation instructions.

ZOELLER® PUMP COMPANY

MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347
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Trusted. Tested. Tough.®

Visit our website:
zoellerpumps.com