



**INSTRUCTION/OPERATION MANUAL
FOR EZ LIGHT
MODEL: EZ2420**

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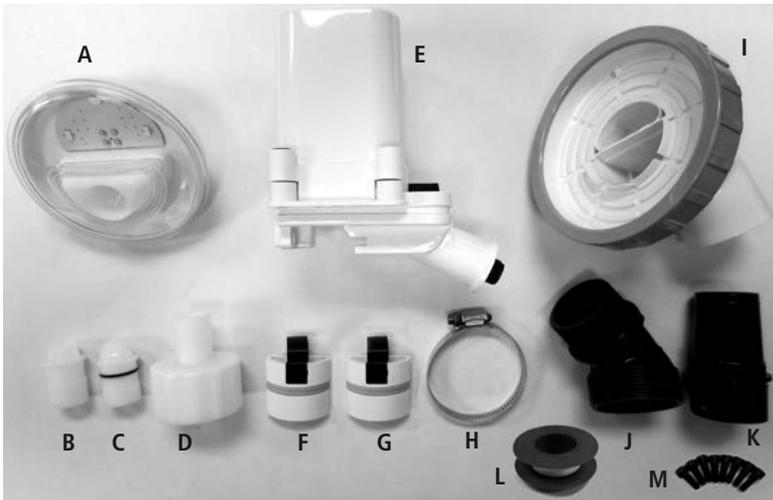
IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW ALL INSTRUCTIONS

-  **WARNING:** To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.
-  **WARNING:** Any modifications to this product will void the warranty.
-  **WARNING:** Do not allow children to use, touch, or play near or around the unit's power pack.
-  **WARNING:** Do not use if unit is damaged in any way.
-  **WARNING:** Make sure the battery is removed before opening the unit or performing any other maintenance.
-  **WARNING:** To protect against risk of electrical shock, do not perform maintenance while standing in water or in pool.
-  **CAUTION:** If the light is not working as it should or has been dropped or damaged in any way, contact

LIST OF COMPONENTS

BATTERY LIGHT: COMPLETE SYSTEM WITH RETURN		
ITEM	DESCRIPTION	QTY
A	WHITE LED LIGHT	1
B	STRAIGHT RETURN FITTING	1
C	90 DEGREE RETURN FITTING	1
D	PRESSURE CLEANER FITTING	1
E	CONTROL SWITCH/BATTERY CASING	1
F	POWER PORT PLUG	1
G	WINTER PLUG	1
H	HOSE CLAMP	1
I	RETURN W/SEAL RING AND PLUG	1
J	THREADED HOSE ADAPTOR	1
K	FLEX HOSE ADAPTOR	1
L	TEFLON TAPE	1
M	BLUE MOUNTING SCREWS	6



COMPONENT COLORS MAY VARY

INSTALLATION

Tools and Materials (Not Included)

- Phillips Head Screwdriver
- Large Channel-lock Pliers
- 6Vdc Lantern Battery
- Winterizing Pool Plugs

IMPORTANT: Do not use a battery powered or electric drill for installation. Only a manual Phillips-head screwdriver should be used for the installation of the EZ Light.

Step 1: Preparing the Light

1) Remove the (2) screws that secure the control to the return fitting (Figure 1).

IMPORTANT: Keep these screws and control switch readily available for use in the following steps.

2) Remove the large nut, along with the washer and one gasket (Figure 2 and 3).

IMPORTANT: Ensure to leave one gasket on the light to seal on the inside of the pool.



Step 2 Guidelines

- If lowering the water level below the return: Use Step 2A.
- If the water level of the pool is above the return fitting and you are in an area with water restrictions, please start at Step 2B.
- If water is already below the return, please start at Step 3, Instruction 4.

Step 2A: Preparing the Pool (Lowering the Water Level)

- 1) Turn OFF the pool filtration system by either using a switch or unplugging the system.
- 2) Turn the valve of the filter to the CLOSED position or plug the outlet of the pool (skimmer).
- 3) Plug the existing return fitting.
- 4) Disconnect the return line from the pool filter to the wall fitting.

NOTE: Residual water may drain out of the return line.

- 5) Connect a drain hose to the return and run the line to an area for draining.
- 6) Remove the return plug and lower the water level below the height of the return fitting.

Step 2B: Preparing the Pool (Keeping Water Level Above the Return)

- 1) Turn OFF the pool filtration system by either using a switch or unplugging the system.
- 2) Turn the valve of the filter to the CLOSED position or plug the outlet of the pool (skimmer).
- 3) Plug the existing return fitting.
- 4) Disconnect the return line from the pool filter to the wall fitting.

NOTE: Residual water may drain out of the return line.

Step 3 Installation Guidelines

- If Step 2A was followed, start at instruction 4
- If Step 2B was followed, start at instruction 1.

Step 3: Installing the EZ Light/Fitting

CAUTION: Be careful not to rest tools or light on the top ledge of the pool as objects may fall into the pool.

IMPORTANT: Have the EZ light prepared as instructed in Step R1, ensuring one gasket is on the return.

- 1) Apply slight pressure on the return fitting, toward the pool wall (from the inside of the pool) and loosen the large nut that secures the return fitting to the pool.
- 2) Remove the nut and any gaskets or washers from the return fitting.
- 3) Using a folded towel to block the water, push the existing return into the pool, making sure to hold the return so it doesn't fall to the bottom of the pool.
- 4) Fit the EZ Light and return into the center of the wall cut-out; ensure that one gasket is left on the light to create a seal on the inside of the pool (see Step 1).

IMPORTANT: Apply pressure to the front of the light until the large nut is secured to the fitting, creating a water tight seal to the pool.

- 5) Install the second gasket, followed by the washer and nut on the return fitting of the light (Figure 4).
- 6) Tighten the nut to ensure a tight seal; do not over tighten (Figure 5).

IMPORTANT: Make sure the fitting/light is level. If the light is not level, the battery may not rest properly on the battery contacts.

NOTE: The wall is now sealed. Pressure being applied to the light from the inside of the pool can now be stopped.

- 7) Wrap the fitting with an adequate amount of Teflon tape and thread the fitting into the back of the EZ light, do not over tighten (Figure 6 and 7).
- 8) Connect the filter hose to the slip fitting or soft sided fitting and tighten (Figure 8-shows slip fitting).
- 9) Remove any plugs and turn the valve position to FILTER.

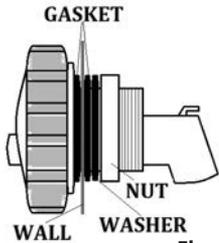


Figure 4



Figure 5



Figure 6

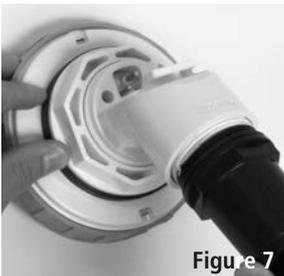


Figure 7

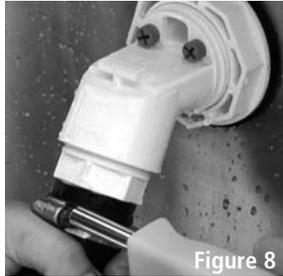
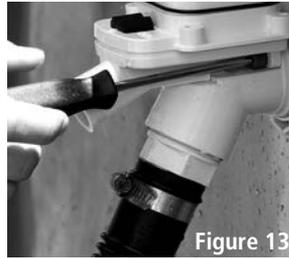
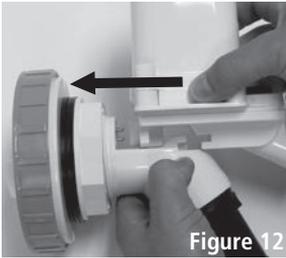
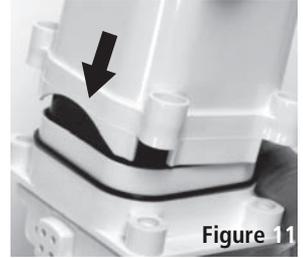
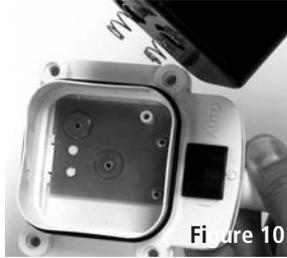


Figure 8

Step 4: Installing the Battery

- 1) Remove the (4) screws from the battery casing (Figure 9).
 - 2) Align the battery (not included) with the contacts of the battery housing (Figure 10).
 - 3) Install the battery casing and secure using the (4) screws (Figure 11).
- NOTE:** The curved portion of the casing should face the pool wall.
- 4) Guide the battery housing into the light socket and press the housing toward the pool wall (Figure 12).
 - 5) Secure the battery housing by reinstalling the 2 screws removed in Step 1: Preparing the Light (Figure 13).



OPERATION

IMPORTANT: Ensure that all plugs are removed from the inlet and outlet of the pool, the valve of the filter is placed in the FILTER position and the water level of the pool is at or above the minimum height requirement prior to restarting your filtration system.

Light Function (See Figure 14)

- 1) To turn the light ON, press and release the switch once.
- 2) To turn the light OFF, press and hold the switch.

NOTE: The light will automatically shut off after 2 hours. Repeat Step 1 in this section if more time is required.

Return Function and Fittings

3 fittings are supplied that thread into the front of the light for different functions.

- Fitting A is used for pressure driving automatic cleaners
- Fitting B is an angled return to direct the water to the left or right, against the wall of the pool.
- Fitting C is a straight return to direct the water toward the center of the pool.



WINTERIZATION

IMPORTANT: Winterization of the EZ Light does not cover the winterization of your filter system. Please follow the filter manufacturer's recommendations for winterizing your system.

Leaving Water Level Above the Return

NOTE: Some water will drain from the pool during this process.

- 1) Remove the 2 screws securing the battery housing to the return fitting (Figure 15). Store the battery housing in a dry area that is above freezing temperature.
- 2) Remove the seal ring of the light (Figure 16) and gently pull on the light or place a screwdriver between the pins and gently push the light toward the center of the pool to remove (Figure 17). Store the light in a dry area that is above freezing temperature.

NOTE: Water will be flowing out of the top port.

- 3) Reinstall the light port plug and secure with the 2 screws from Step 1 (Figures 18 and 19).
- 4) Install the winterizing plug in the bottom portion of the return (Figure 20).

Draining the Water Below the Return

- 1) Remove the filter hose from the return slip fitting and connect a drain hose to the return and run the line to an area for draining.
- 2) Remove the 2 screws securing the battery housing to the return fitting (Figure 15). Store the battery housing and screws in a dry area that is above freezing temperatures.

NOTE: Proceed to Step 3 once the water level is below the top of the light.

- 3) Remove the seal ring of the light (Figure 16) and gently pull on the light or place a screwdriver between the pins and gently push the light toward the center of the pool to remove (Figure 17). Store the light in a dry area that is above freezing temperature.

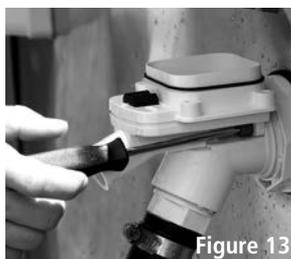


Figure 13



Figure 14

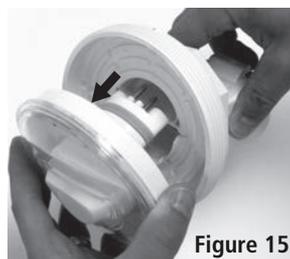


Figure 15

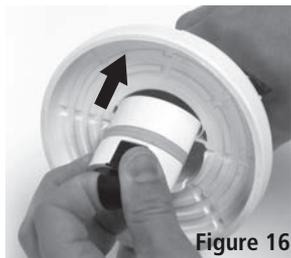


Figure 16



Figure 17

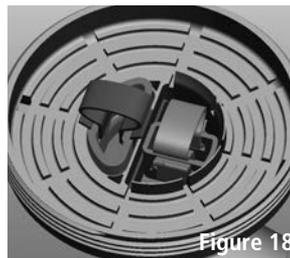


Figure 18

TROUBLESHOOTING

Light Not Turning ON or is Flashing

- 1) Ensure the battery still has power (try a new battery).
- 2) Ensure the battery is securely installed/resting on the contacts (Figure 10).
- 3) Make sure the return fitting is level as this could cause the battery to tilt (Figure 5).
- 4) Ensure the battery housing is installed correctly (Figures 12 and 13).

Light Not Turning ON or is Flashing

- 1) Ensure there is a gasket on the inside and outside of the pool wall (Figure 4).
- 2) Wrap the threaded fitting with an adequate amount of Teflon tape (Figure 6).
- 3) Ensure the light or plug is firmly pressed into place (Figures 18).
- 4) Check that the seal ring is secure.
- 5) Make sure the nut is tightened properly (Figure 5).

If problems cannot be resolved, please contact a SPQ Brands Technical Support Specialist at: 609-212-0221, M-F, 9am – 5pm EST.

1 YEAR LIMITED WARRANTY

One year limited warranty from date of original purchase for manufacturing defects under normal and reasonable use, and subject to the maintenance requirements and installation guidelines set forth in the product instruction manual.

This warranty applies only while using this product in the United States and Canada. Customers outside the continental United States will be responsible for inbound and outbound freight on all claims. Those within the continental US will be responsible for shipping charges to a repair center, if there is not one within driving distance. SPQ Brands will cover freight back to the customers within the continental US for approved warranty claims.

THIS WARRANTY IS SUBJECT TO THE TERMS, LIMITATIONS AND EXCLUSIONS DESCRIBED BELOW, AND THERE ARE NO OTHER WARRANTIES OR REPRESENTATIONS, EITHER EXPRESS OR IMPLIED, WHETHER OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHER, MADE BY THE MANUFACTURER, OTHER THAN THOSE SPECIFICALLY SET FORTH IN THIS WRITTEN WARRANTY

What is Covered: SPQ Brands warrants its electronic product to be free from defects in material and workmanship when leaving the factory. What is not Covered: Any type of damage to the product due to improper installation, maintenance, or failure to provide necessary and reasonable maintenance; any damage or injury caused by misuse and/or unreasonable use of the product; batteries (if applicable); damage due to or related to improper draining, winterizing, storage or Acts of God; SPQ Brands will not honor any claims for damage to any products in transit unless damage to the shipping container is noted at the time of delivery on the transfer company's delivery bill.

THE WARRANTY OBLIGATIONS OF SPQ BRANDS ARE LIMITED TO REPAIR OR REPLACEMENT OF THE PRODUCT OR OF ANY DEFECTIVE COMPONENT, AT THE OPTION OF SPQ BRANDS. UNDER NO CIRCUMSTANCES WILL SPQ BRANDS BE LIABLE OR RESPONSIBLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES, AND/OR CHARGES FOR LABOR. SPQ BRANDS SHALL NOT BE LIABLE OR RESPONSIBLE UNDER ANY CIRCUMSTANCES OR ANY AMOUNT FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES, OR FOR ANY INJURIES OR DAMAGES TO PERSON OR PROPERTY USING OR USED IN CONNECTION WITH THE PRODUCT, OR FOR ANY OTHER LOSS OF PROFITS OR OTHER COSTS OR EXPENSES OF ANY KIND OR CHARACTER. IF SPQ BRANDS DETERMINES THAT EITHER REPAIR OR REPLACEMENT OF THE PRODUCT IS NECESSARY, SPQ BRANDS MAY EITHER REPAIR THE PRODUCT AT A NOMINAL CHARGE TO THE OWNER OR REPLACE THE PRODUCT. THE OWNER BEARS THE SOLE RESPONSIBILITY FOR PRE-PAID RETURN OF THE PRODUCT TO SPQ BRANDS, AND ALL REPAIRED OR REPLACED PRODUCTS WILL BE RETURNED AT THE OWNER'S EXPENSE ON NON-WARRANTY RELATED RETURNS.

NO PERSON, FIRM, OR CORPORATION IS AUTHORIZED TO MAKE REPRESENTATIONS OR INCUR ANY OBLIGATIONS IN THE NAME OF OR ON BEHALF OF SPQ BRANDS, EXCEPT AS STATED HEREIN. THE REMEDIES SET FORTH IN THIS WARRANTY ARE EXPRESSLY UNDERSTOOD TO BE THE EXCLUSIVE REMEDIES AVAILABLE TO THE OWNER, AND THIS WARRANTY CONTAINS THE FULL AND COMPLETE AGREEMENT BETWEEN SPQ BRANDS AND THE OWNER. THIS WARRANTY SETS FORTH THE ONLY OBLIGATIONS OF SPQ BRANDS, WITH REGARD TO THIS PRODUCT, AND THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

The representations set forth herein are the only representations made by SPQ Brands, with respect to the product, and this warranty does not constitute either a performance or satisfaction guarantee. It is the responsibility of the product owner to regularly test and check the product for proper function and safety.

This warranty gives the original owner specific legal rights. You may have other rights depending on where you live.

Call 1-609-212-0221 to initiate a claim.