



# POOLBLASTER®

## PULSE® XL 350

## Operator's Manual

### Cordless Vacuum



Water sensor turns cleaner on automatically when submerged in water



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**READ AND SAVE THESE INSTRUCTIONS**

**⚠ WARNING:** Read carefully and understand all safety warnings before operating. Failure to do so may result in serious personal injury.

# IMPORTANT SAFETY INSTRUCTIONS



## SAVE THESE INSTRUCTIONS

WARNINGS AND USAGE INFORMATION



### WARNINGS

1. **Read carefully** and **understand** all safety warnings before using this appliance.
2. Do not attempt to operate if the cleaner or charger appear to be damaged in any way.
3. Never allow children to operate this product. This is NOT a toy. Children should be supervised to ensure they do not play with this product.
4. Keep the cleaner and its accessories out of reach of children.
5. This cleaner is **NOT intended for use** by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
6. Keep proper footing and balance at all times when using the cleaner. Do not overreach.
7. Keep hair, loose fitting clothing and all body parts away from openings and moving parts of this cleaner.
8. Do not attempt to open any factory sealed on motor box to access the battery, motor or electronic assembly.
9. The warnings, cautions, and instruction discussed in this instruction manual cannot cover all possible conditions or situations that could occur. It must be understood, the operator should always exercise intensive caution and common sense when utilizing the cleaner.

#### WARNING FOR CHARGING

10. Use only Water Tech Certified battery charger model: LC099-3SK to charge the unit.
11. Disconnect the cleaner from the battery charger or power main before performing and routine maintenance - such as, cleaning the filter or debris chamber.
12. **Charge indoor only.** Do not use or store the charger outdoors. Charge your cleaner in a clean, dry place and only with the charger provided. Do not use a charger supplied with any other appliance.
13. Do not attempt to recharge the battery if the charger or connections are damaged in any manner.
14. Connect the charger to a power source through a residential current wall outlet with a ground fault circuit interrupter (GFCI). If in doubt, contact a qualified electrician.
15. Risk of shock. Do not use charger if charger is / was exposed to liquid, rain.
16. Make sure the cleaner and charging pins are completely dry before connecting the charger and recharging the battery.
17. Do not plug or unplug charger into a power source or the appliance with wet hands.
18. Never service the cleaner while the unit is on or connected to the charger or the charger is connected to the power source.
19. Do not use any type of electrical extension cord. The charger must be plugged-in directly to the main power of a residential wall outlet.



### USAGE ADVICE!

Submerge the cleaner under water to power ON.  
Remove the cleaner from water to power OFF.



### DANGER!

**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.** When using electrical products, read, understand and follow all the instructions stated in this manual.



### WARNING!

**DROWNING HAZARD.** This device produces suction. Risk of entrapment present. **DO NOT** use when bathers are present. Never permit children to use this product. Never permit persons who cannot swim to use this product to prevent the chance of drowning.



### DANGER!

**DO NOT ALLOW WATER OR OTHER HIGHLY CONDUCTIVE FLUIDS TO CONTACT THE CHARGER OR ADAPTER PRIOR TO OR WHILE CHARGING THE APPLIANCE.** Pool water is highly corrosive and will cause damage to the charger or adapter and can cause short-circuit resulting in smoke fire and/or serious personal injury. Make sure all surfaces of the charger and adapter are dry and no water is present before charging the appliance.



### WARNING!

**RECHARGE ONLY WITH A CHARGER MANUFACTURED BY WATER TECH CERTIFIED FOR USE WITH THIS PRODUCT.** A charger suitable for one type of battery pack may create a risk of fire when used with another battery pack. **DO NOT** use an extension cord or power strip. Use only charger certified by Water Tech: LC099-3SK.

20. Do not charge the cleaner near flammable or combustible substances.
21. Never attempt to pry open the charging adapter or connector plug.
22. If the cord on the charger is damaged in any way, the charger **MUST** be replaced with a charger certified by Water Tech for use with the cleaner to reduce the risk of shock or fire.
23. Remove the cleaner from the charger and power main after full charge time is reached as noted in the instructions.

#### **USAGE INFORMATION**

24. Use this product only for its intended purpose as described in this manual. Use only Water Tech accessories and filters.
25. This product is not intended for commercial use.
26. If the equipment is not in use for long time, disconnect the equipment from mains to avoid being damaged by transient over-voltage.
27. Never leave your cleaner in water when it is "OFF" or when it has run out of power.
28. Do not use your cleaner for pool openings; the cleaner is designed for routine maintenance of your pool or spa.
29. The cleaner is designed for underwater use in swimming pools or spas only. It is not an all purpose vacuum cleaner.
30. Avoid picking up sharp objects as they may damage the filter. Keep all openings on the cleaner free of debris which may reduce water flow.
31. Do not place the cleaner or charger on or near hot surfaces.
32. For best results use the charger in locations where temperatures are between 50° F / 10°C and 100° F / 37.7° C.
33. For connection to a supply not in the U.S.A., use an attachment plug adapter of the proper configuration for the power outlet.
34. For details regarding battery recycling and disposal, refer to the section "BATTERY RECYCLE" " DISPOSAL" in the instructions and contact your local authorities for more information. This cleaner contains rechargeable batteries. Do not incinerate the battery as it will explode at high temperatures. Always dispose of batteries in accordance with local law.
35. The cleaner contains rechargeable, Lithium-ion batteries. Do Not incinerate the battery. The battery will explode at high temperatures. Always dispose of batteries in accordance with local laws.






#### **WARNING!**









**This appliance contains Li-ion batteries protected from water ingress by factory seal. Do NOT attempt to access the batteries at any time during the active life of the appliance. Risk of shock, fire or short circuit can occur at any time if factory seal is broken.**

# SAFETY AND USAGE SYMBOLS

The following symbols and meanings are intended to explain the levels of risk associated with this product:

SYMBOL	SIGNAL	MEANING
	<b>WARNING!</b>	Indicates a hazardous situation, which, if not avoided, could result in death or serious injury.
	<b>DANGER!</b>	Indicates a hazardous situation, which, if not avoided, could result in death or serious injury.
	<b>CAUTION!</b>	Indicates a hazardous situation, that, if not avoided, may result in minor or moderate injury.

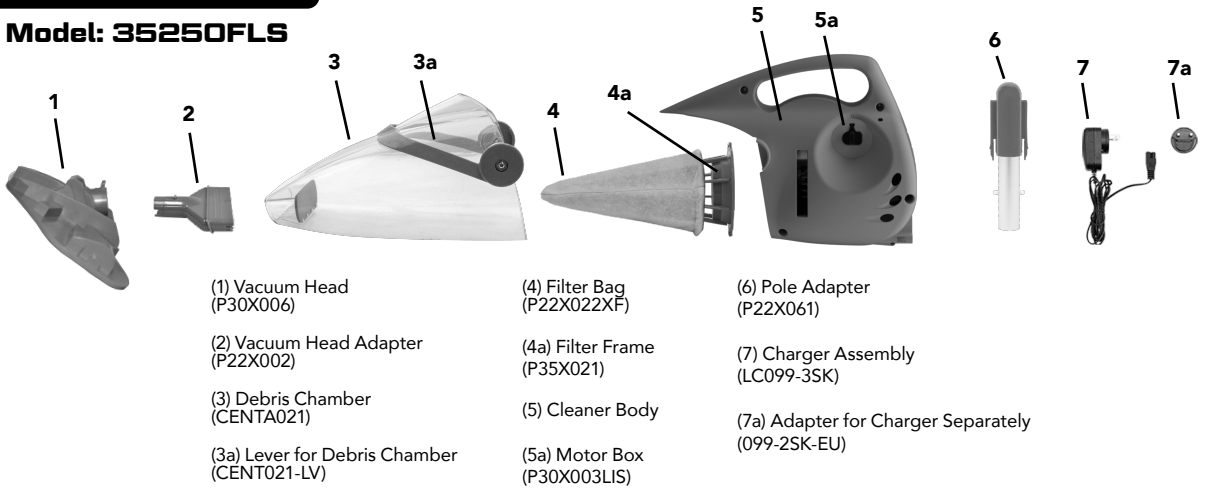
The following symbols and meanings are intended help you operate the product better and safer. Please study them and learn their meanings.

SYMBOL	NAME	EXPLANATION
	<b>SAFETY ALERT</b>	Indicates a potential personal injury hazard. Basic precautions should always be followed when seeing this symbol.
	<b>DO NOT GET WET</b>	Indicates by NO MEANS water should touch the indicated part with this symbol. If not avoided, may result in minor or moderate injury.
	<b>CHARGE FOR 4 FULL HOURS</b>	Indicates to charge product for the 4 complete hours.
	<b>AUTO START ON/OFF</b>	Indicates the product comes with a water sensor that turns the cleaner automatically ON/OFF in and out of water.
	<b>BATTERY RECYCLE</b>	Recycle batteries in accordance to local law.
	<b>DISPOSAL</b>	Dispose any unwanted product in accordance to local law.
	<b>CE</b>	European Conformity.
	<b>RoHS</b>	Restriction of Hazardous Substances Compliance.

## SAVE THESE INSTRUCTIONS

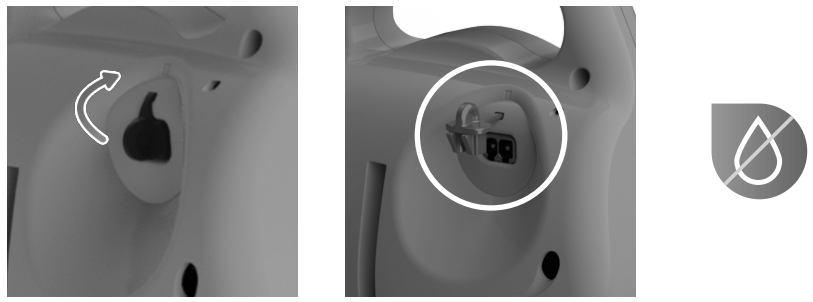
# Product Breakdown

Model: 35250FLS

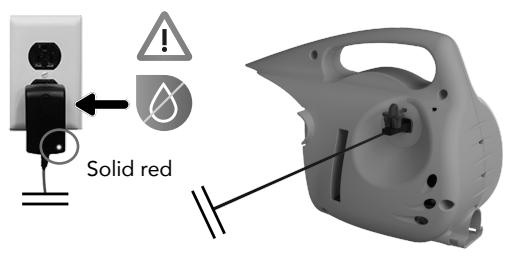


## A

A.1



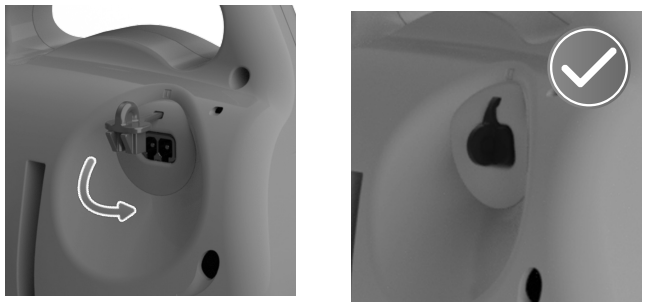
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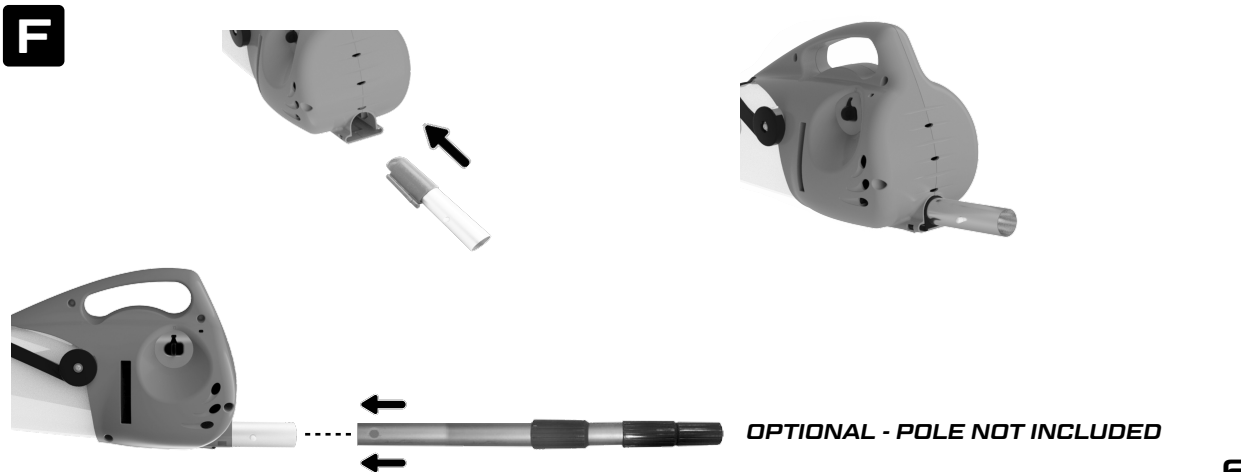
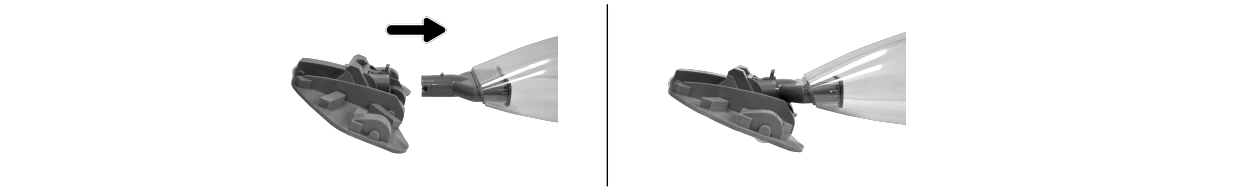
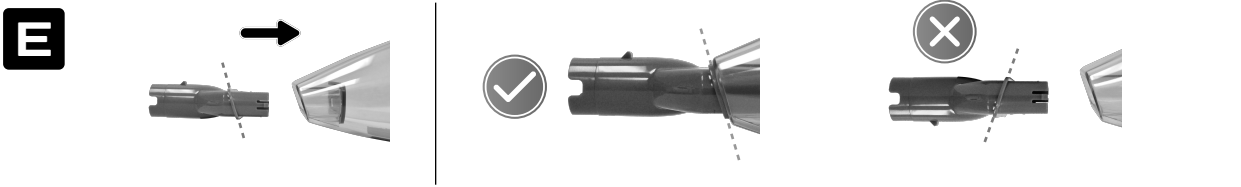
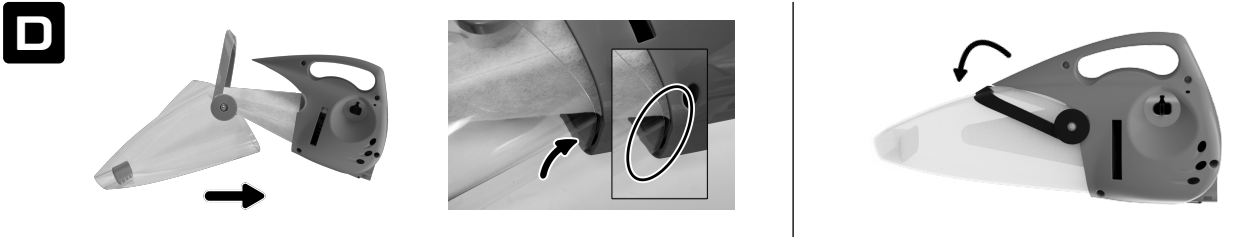
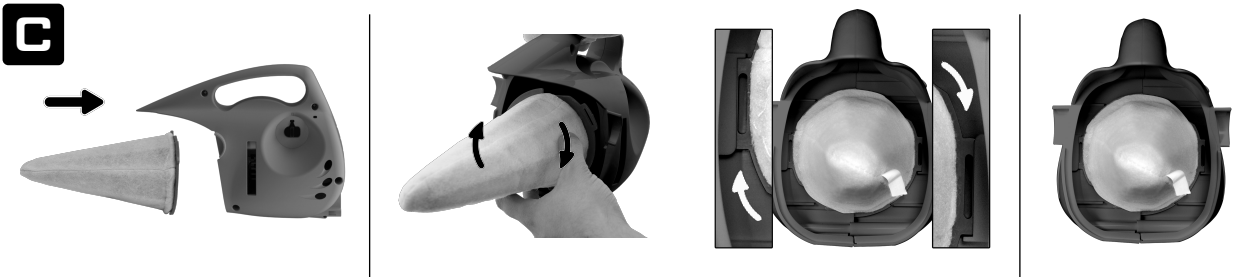


A.3



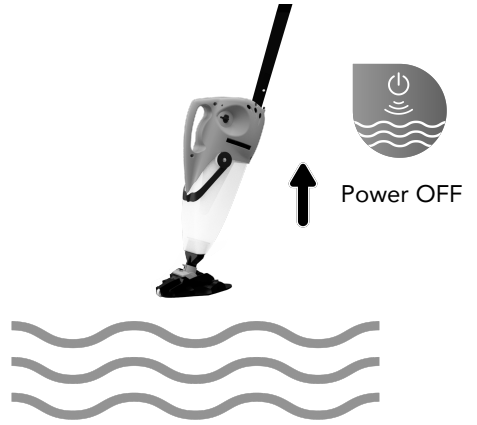
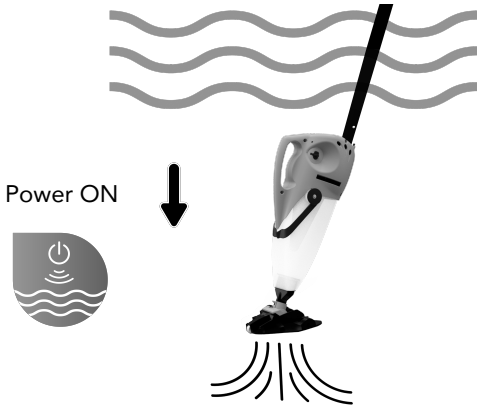
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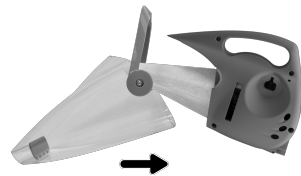
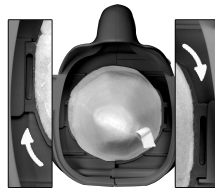
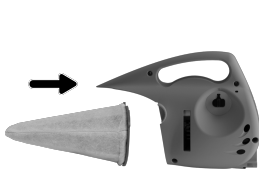
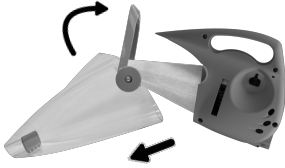




The cleaner is equipped with a water sensor that automatically powers the unit ON and OFF.  
Power ON: submerge in water. Power OFF: remove from water (2 second delay).



1.



## LIMITED WARRANTY

Water Tech Corp ("WT") warrants this product, including supplied accessories against defects in material or workmanship for the time periods as set forth below. Pursuant to this Limited Warranty WT will, at its option (i) repair the product to the original specifications or (ii) replace the product with a new or refurbished product. In the event of a defect, these are your exclusive remedies. For purposes of this Limited Warranty, "refurbished," means a product or part that has been returned to its original specifications.

All Pool Blaster Battery Powered Pool & Spa Vacuums. For a period of one (1) year from the original date of purchase of the product, WT will, at its option, repair or replace with new or refurbished product or parts, any product or parts determined to be defective.

Accessories. Included accessories are covered by this Limited Warranty for a period of (90) days from the original date of purchase of the product.

Instructions. Please retain the original box and internal packaging materials. To obtain warranty service, you must comply with the following requisite instructions:

- (1) Visit Water Tech Corp's Customer Support Department via web at [www.wtrma.com](http://www.wtrma.com). You will be guided through the correct process on how to obtain the required RMA# (Return Merchandise Authorization Number.) All customers must obtain an RMA number before any product will be accepted for warranty service. If you need additional assistance please contact us by telephone: (732-967-9888) or email: [customerservice@watertechcorp.com](mailto:customerservice@watertechcorp.com).
- (2) Package the unit and the WT battery charger only ( if the unit requires a WT charger ) properly and securely in the original box.
- (3) Attach your RMA number and Bar-Code you received from the website to the outside of the package. If you could not print the RMA number and bar-code from the website you must write your RMA number in thick black indelible marker on two sides of the box.
- (4) Send the package by USPS or express courier of choice to: Water Tech Corp, 10 Alvin Court, East Brunswick, New Jersey 08816; (WT suggests you insure the contents of your package.) WT is not responsible for lost, stolen or damaged property in transit to WT.

Repair/Replacement Warranty. This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or products replaced shall become the property of WT.

This Limited Warranty covers only product issues caused by defects in material or workmanship during ordinary consumer use; it does not cover product issues caused by any other reasons, including but not limited to product issues caused by commercial use, acts of God, misuse, abuse, limitations in technology, or modification of or to any part of the WT product. This Limited Warranty does not cover WT products sold AS IS or WITH ALL FAULTS or consumables (such as batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States and Canada.

EXPRESS LIMITATION: THIS LIMITED WARRANTY ONLY APPLIES IF THE PRODUCT WAS PURCHASED FROM AN AUTHORIZED WATER TECH DEALER. THIS WARRANTY IS NOT TRANSFERABLE

LIMITATION ON DAMAGES. WT WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT.

DURATION OF IMPLIED WARRANTIES. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This Limited Warranty gives you specific legal rights and you may have other rights, which vary from state to state.

### Industry Canada Regulatory Information

CAN ICES-3 (B)/NMB-3 (B)

**Avis d'Industrie Canada**

CAN ICES-3 (B)/NMB-3 (B)

### FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different than that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

 Only use the battery charger supplied with the cleaner.

**Specifications**

Manufacturer.....	Water Tech Corp, 10 Alvin Ct, Ste 111, East Brunswick, NJ 08816
Charger Model.....	LC099-3SK
Battery charger Input.....	100-240V-50-60HZ, 0.3A Maximum
Battery charger Output.....	12.6V, --- 1.A
Battery Charger Output Power.....	12.6W
Average active efficiency.....	≥83.23%
Efficiency at low load (10%).....	≥76.84%
No-load power consumption.....	≤ 0.1W
Charge temperature.....	Maximum 100°F, (37.7°C) Minimum 50°F, (10°C)
Water temperature range.....	Maximum 86°F, (30°C) Minimum 40°F, (5°C)
Operation Depth.....	Maximum 12 ft. (3.5 m), Minimum 10 in. (0.25 m)

**A Charging Your Cleaner**



Initial Charge **4 Hours**

Recharging (After Complete Discharge) **4 Hours**

Maximum charging time should not exceed **24 Hours**

**B Sealing Charging Connection**

**C Inserting the Filter Cone**

**D Attaching the Debris Chamber**

**E Attaching the Vacuum Head Adapter & Vacuum Head**

**F Attaching Pole Adapter & Pool Pole**

**G Power unit ON/OFF**



The cleaner is equipped with a water sensor that automatically powers the unit ON and OFF. Power ON: submerge in water. Power OFF: remove from water (2 second delay).

**H Maintenance**

**Before Using in Water**

- Make sure charging port cover is assembled before submerging in water (Step B).
- Always remove the charging adapter before using in water.



**Cleaning the Filter Bag**

- You should remove and clean the Filter Bag following each use (Figure H.1).
- Don't scrub the bag against itself while rinsing it.

**Long Term Storage**

- Always clean the Nose Cap and Filter Bag before storing.
- Always store and charge your cleaner in a cool, dry indoor shelter.
- Recharge the cleaner indoors for 4 hours after each month of inactivity.
- Never leave your charger connected to the cleaner for more than 24 hours.

**End of Life Disposal / Recycling Directive**

**Environmental Program(s), WEEE European Directive**

Please respect the European Union regulations and help to protect the environment.

Return non-working electrical equipment to a facility appointed by your municipality that properly recycles electrical and electronic equipment. Do not dispose them in unsorted waste bins. For items containing removable batteries, remove batteries before disposing of the product.



**Environmental Recycling Programs USA**

Help protect the environment.



## END OF LIFE BATTERY DISPOSAL - EN

The maintenance free, Lithium Ion battery in your Pool Blaster must be properly disposed of in accordance to State and local law. To confirm if recycling is required; contact your local authority for information.

### WARNING!

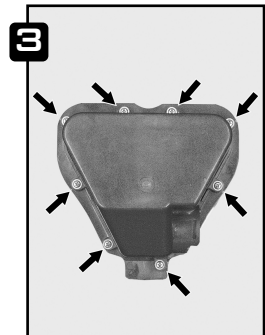
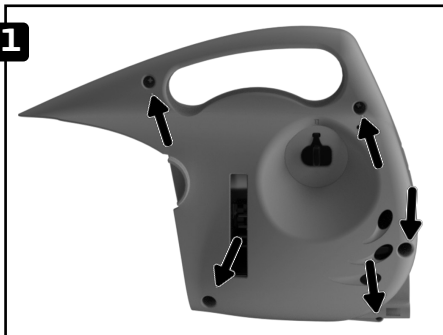
- Never attempt to disassemble a battery pack.
1. Remove all personal items such as rings, bracelets, necklaces and watches when unwiring a pack from the vacuum unit.
  2. A battery can produce a short circuit current high enough to weld a ring (or like item) to metal causing a severe burn.
  3. Wear complete eye protection, gloves and protective clothing when removing the battery pack.
  4. Take care not to touch wires together or allow them to contact any metal items, which would cause sparking and/or short circuit the battery.
  5. Never smoke or allow a spark or flame in the vicinity of the battery or the cleaner. Batteries can generate gases which could possibly ignite.
  6. Do not expose to fire or intense heat as this may result in an explosion.

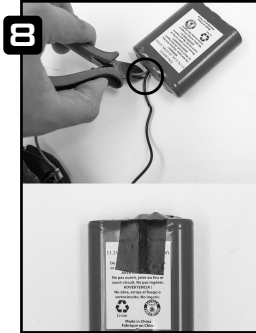
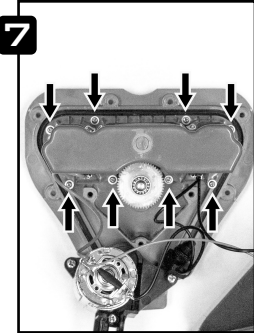
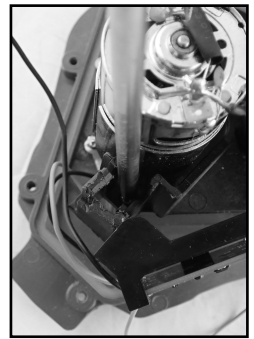
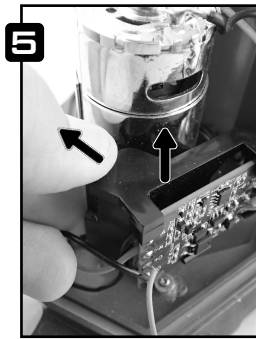
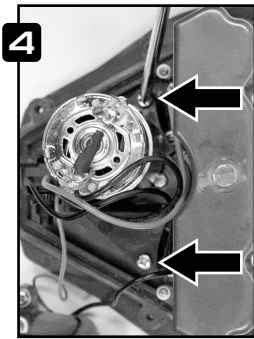
### CAUTION!

- If a battery leak develops, avoid contact with the leaking acid and place the damaged battery in a plastic bag.
7. If acid comes in contact with skin and clothing, wash immediately with plenty of soap and water.
  8. If acid comes in contact with eyes, immediately flood eye with running cool water for at least 15 minutes. Get medical attention immediately.

### How to remove the battery

- Recommended tools (not included): Philips screwdriver, wire-cutters, electrical tape.
1. Using a Philips screwdriver, separate the shells by unscrewing the screws on each side of the unit. See first image.
  2. Locate the charging plate cover. Using a small flat head screwdriver or a pick, pop out the charging plate cover. See second image. After charging plate cover is out, remove the shells to gain access to the motor box cover.
  3. Take off the motor box cover by using a Philips screwdriver and unscrewing the screws. See third image.
  4. Unscrew the 2 screws shown in the fourth image.
  5. Remove the circuit board holder assembly by pulling back the latch while removing the holder assembly. See fifth image.
  6. Locate the screw under the circuit board holder assembly. Using a Phillips head screw driver, unscrew the screw and remove the motor holder. See sixth image(s)
  7. Take off the battery cover by unscrewing the screws as shown in the seventh image.
  8. Take the battery out. Using wire-cutters, cut the wires one at a time near the battery. Finally, wrap the wire ends with electrical tape.





**RoHS**

**CE**





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