

### **REVOLUTION XL-DD** CATALOG NO. F-REVXL-DD WEIGHT CAPACITY: 400lbs. [181.43kg.]

#### MANDATORY LEAVE THIS MANUAL WITH OWNER

Read and follow all instructions. Lift safety can only be ensured if the lift is installed and operated according to these instructions.

#### • FOR SAFETY REASONS

- **NEVER** swim alone
- **NEVER** use the lift with a dry pool
- NEVER apply direct water pressure to the electronics
- NEVER permit children to play on or around the lift
- **DO NOT** allow children to use the lift without adult supervision



#### **READ CAREFULLY**

Check entire box and all packing materials for parts. Before beginning assembly, read the instructions and identify parts using the figures and parts listed in this document.

It is critical that all parts be carefully inspected prior to installation. If any damage occurred in transit, Aqua Creek Products, LLC must be notified within three days of receipt of unit.

Proper installation cannot be overstressed, as an improper installation voids Aqua Creek's warranty and may affect the safety of the user. Aqua Creek Products, LLC 9889 Garrymore Lane Missoula, MT 59808 Toll Free: (888) 687-3552 Local/Intnl: (406) 549-0769 www.aquacreek.com



### **Aqua Creek Products PRODUCT COMPONENTS**

				REVO		N XL-DD - INV03178		
ITEM	ΡΑ	RT NO	0.	QTY.		DESCRIPT	ΤΟΝ	
						EMBLY COMPONENTS		
2	IN	V0275		1	P1	ASSEMBLY - ANCHOR SP	INDLE - 1.90" DIA.	
3		V0275		1	P3	ASSEMBLY - MA		
4	IN	V0275	5	1	P1	ASSEMBLY - MOT	OR MOUNT	
5	IN	V0184	5	1	P1	REMOTE - 4 BUT	TON LINAK	
6	IN	V0162	27	1	P1	ASSEMBLY - LIFTING	G ARM - 46.00"	
7	IN	V0162	9	1	P1	ASSEMBLY - CONTRO	DL ARM - 46.00"	
8	IN	V0307	'2	1	P1	ACTUATOR - LINAK - 6	500MM - 90DEG.	
				10. SE	AT ASS	EMBLY COMPONENTS		
10	IN	V0312	26	1	P1	ASSEMBLY - SEAT I		
11		V0275		1	P1	ASSEMBLY - SEA		-
12		V0150		1	P1	ASSEMBLY - SEAT 2		
13		V0105		1	P1	SEAT BELT EXTENSIO		
14	IN	V0190		1	P1	ACCESSORY - FOO	IREST - BLUE	
		/0 <del>-</del> -			1	NEOUS COMPONENTS		6
16	IN	V0328	6	1	P1	STOCK BOX -	- LINAK	
		6.	TOC			ONENTS		
PART I	NO	QTY.				SCRIPTION		
INV00		1		COV		AK BOTTOM (JUMBO)		
INV002		1				STER PACKET - 6 GRAM		
INV003	303	1		ANT	I-SEIZE	- PACKET - 5 GRAMS		
INV003	340	1		B	ATTERY	- LINAK 24V - 2PC		
INV005		1		Cł		- LINAK - 24V ACP		
INV005	534	1			CHAI	R - SEAT BELT		
INV005		1	SI			AVAILABLE" (AQUA CREEK)		
INV006		1				- PROP 65 (BATTERY)		
INV007		1				INAK MOUNT (WALL)	10-	
INV018	304	1		LA	BEL #14	6 - DAILY CHARGE	$\subseteq$	
	CT	) CK	P(			14 SHOWN		
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### **Aqua Creek Products PRODUCT ORDER FORM**

REVOLUTION XL-DD - INV03178						
PART NO.	QTY.	REV.	DESCRIPTION	REPLACEMENT PARTS		
INV02754	1	P1	ASSEMBLY - ANCHOR SPINDLE - 1.90" DIA.			
INV02753	1	Р3	ASSEMBLY - MAIN FRAME			
INV01835	1	P1	RETAINING RING - 1-1/4" OD EXTERNAL			
INV00428	4	P1	BOLT - BHW 1/4"-20x3/8" SERRATED			
INV02755	1	P1	ASSEMBLY - MOTOR MOUNT			
INV01703	1	P1	SPLIT COLLAR - 1" SHAFT			
INV02607	4	P1	BSH - 1/4"-28X3/4" SOCKET HEAD BOLT			
INV01172	3	P1	WF - #10 FLAT WASHER			
INV00471	4	P1	BSH - #10-24x3/8" SOCKET HEAD BOLT			
INV00715	1	P1	BRACKET - LINAK MOUNT			
INV02389	1	P1	CONTROL BOX - LINAK 2 PORT - 10 AMP			
INV01845	1	P1	REMOTE - 4 BUTTON LINAK			
INV01627	1	P1	ASSEMBLY - LIFTING ARM - 46.00"			
INV01629	1	P1	ASSEMBLY - CONTROL ARM - 46.00"			
INV03072	1	P1	ACTUATOR - LINAK - 600MM - 90DEG.			
INV03126	1	P1	ASSEMBLY - SEAT POLE - 63.00"			
INV02756	1	P1	ASSEMBLY - SEAT CRADLE			
INV01505	1	P1	ASSEMBLY - SEAT 22.00" - BLUE	□BLUE □GRAY □TAN □WHITE		
INV01903	1	P1	ACCESSORY - FOOTREST - BLUE	BLUE GRAY TAN		
INV00588	1	P1	COVER - UNIVERSAL BATTERY - BLUE	□BLUE □GRAY □TAN		
INV01747	1	P1	COVER - MOTOR - BLUE	BLUE GRAY TAN		
INV01053	1	P1	SEAT BELT EXTENSION - 15-IN LONG			
INV03286	1	P1	STOCK BOX - LINAK			
INV03285	1	P1	LABEL SHEET - REVXL-DD			



## Aqua Creek Products PRODUCT ASSEMBLY









# Aqua Creek Products PRODUCT ASSEMBLY





## **READ ALL INSTRUCTIONS BEFORE USING**



WARNING - To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

A wire connector is provided on the unit to connect a minimum 8 AWG (8.4mm2) solid copper conductor between this unit and the means for local equipotential bonding.

Check the unit periodically for signs of deterioration: Keep all nuts, bolts and screws tight to be sure the lift is in safe working condition.

## SAVE THESE INSTRUCTIONS

Affix supplied ADA POOL/SPA LIFT sign in a location visible from the lift at all times.

Rechargeable batteries are to be removed from the appliance before being charged. Batteries are to be inserted with the correct polarity. If the appliance is to be stored unused for a long period of time, the batteries should be removed and stored on the wall mounted charger to maintain the battery charge. The supply terminals are not to be short-circuited.

REDUCE THE RISK OF DROWNING!

Supervise children at all times.

No jumping or diving from the lift.

Seat may be hot, use caution when entering.

Keep covered when not in use. Inspect and clean before use.

#### **INDOOR BATTERY CHARGER:**

AMPERAGE = 0.65 FREQUENCY = 60

#### 24 VOLT BATTERY

AMPERAGE = 10 IP RATING = IPX5



## Aqua Creek Products PROPER CARE OF LIFTS

For service and/or replacement parts, contact Toll free: (888) 687-3552

PROCEDURE	BEFORE EACH USE	DAILY	WEEKLY	MONTHLY
Check battery level indicator on control box.	$\bigcirc$			
Run the lift through a complete test cycle (fully extend actuator) to verify it is functioning properly.				
Wash lift with fresh water and dry with clean, solft, non-abrasive cloth.		$\bigcirc$		
Recharge battery.		$\bigcirc$		
Visually inspect lift for damage, corrosion, and loose or missing hardware.		$\bigcirc$		
Check all contact points for damage and/or corrosion.			$\bigcirc$	
Repair, clean and apply dielectric grease to all contact points.			$\bigcirc$	
Thoroughly clean lift frame and apply a liberal coat of car was to maintain the lift's finish.				$\bigcirc$
Check all Warning and Cautionary labels to make sure they are not faded or worn. Replace as needed.				$\bigtriangledown$

#### PROPER CARE NOTES:

#### • Use only fresh water to wash your lift. Do not wash with pool water.

- Use only clean, soft, non-abrasive cloths on your lift.
- Do not store lift in pump room or near chemicals.
- Do not allow children to play on or around this lift.
- When cleaning the lift, do not spray water directly on control box or battery.
- The lift may need to be bonded according to local code requirements.

• If the lift is not used for extended periods, remove the battery from the lift and store it on the wall charger to maintain the batteries charge. The charger should be plugged in and in a climate controlled area.

#### STAIN REMOVAL NOTES:

To remove stubborn stains from finish, spray affected area with mild dish soap, rub briskly with a 3M Scotch Brite™ pad. Use white epoxy paint to touch up the finish. Apply wax to protect when dry.



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LIFT / INSPECTION INFORMATION					
Test Date:	For Additional Support Accistance Cally				
Pool Lift Model:	For Additional Support Assistance Call:				
Serial Number:	Toll Free: 888-687-3552				
Inspected By:	International: 1+406-549-0769				

Find additional trouble shooting info. and videos at: https://aquacreekproducts.com/help-center/troubleshooting/

#### Maintenance Notes: Please read and fill out <u>all</u> information carefully

Improper use and/or maintenance of pool lift can lead to actuator and/or other mechanical failures and possible personal injury. Please read and follow the product operators' manual and the instructions below.

## NOTE: Completely cycle the lift <u>without</u> a load <u>before each use</u> to verify the lift is functioning properly.

- Product service life depends on the load characteristics, type and frequency of use, and the environment in which the product is being used. For example, persons not calmly sitting but falling down with their full body weight in the chair, or using the pool lift's chair as a diving platform can casue premature actuator failure and/or possible personal injury.
- Based on historical product service life analysis, Aqua Creek recommends replacing the actuator(s) and other electronic components after 5 years of service. Check component serial numbers and purchase records to verify the age of your components.
- A functional weight lifting force of a maximum of 100lbs. Must be periodically verified by applying a non-live load (without a person) through the entire operating cycle of the lift. This process is performed in order to verify the smooth operation. Make note of any unusual noises or sudden movements coming from the actuator(s) or other components. Note: In some lifts, a sudden quick movement at the beginning of the cycle is normal but should smooth out over the course of operation.
- Creating a side load on the actuator by pushing and/or pulling on the actuator, especially under load conditions, can casue damage to the actuator and or personal injury.
- Electronic components are designed to be plug-and-play type replacements. There is no need to access the internal mechanisms in these components. The actuator, battery, and all electronic components may only be disassembled by authorized factory-trained personnel. Disassembly of electronic components by improperly trained and unauthorized persons will void the warranty on those components.
- The operator of the pool lift should never allow the pool lift to hit any stationary object either vertically or horizontally while operating a pool lift, i.e. walls, ceiling, pool/spa bench, etc.
- For quick and accurate troubleshooting and inspections, we recommend having a voltage meter, Vito Battery Check Cable (Item F-VTC002) and an Aqua Creek Test Light (Item F-01TL) on had as well as adequate test and replacement components for the unit.
- Remove the pool lift from service immediately if any unusual noise is heard coming from the actuator such as grinding, popping or sudden inconsistent movements.
- Immediately remove from service any lift that does not have 100% compliance with the inspection until the appropriate corrections have been made by a qualified person.



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### **1. OVERALL VISUAL INSPECTION**

Corrosion is common with anything in a swimming pool environment; even stainless steel. Proper and regular maintenance and cleaning will prevent most instances of corrosion. **Replace any components that have corrosion caused pitting, cracking, thinning of the base metal, or other instances of corrosion that can't be eliminated and/or minimized through thorough cleaning.** refer to product manual for additional maintenance instructions. Make comments and/or recommendations in the notes area below each section.

INS	SPECTION ITEM	PASS	FAIL	N/A
1.	Anchor bolts, concrete around anchors, etc are in good condition. No cracks in concrete, missing hardware, and anchors are installed			
	correctly.			
2.	The fixing anchor is installed correctly and is in good condition.			
3.	Powder coated components are clean, corrosion free, and in good overall condition. Clean and repair any missing powder coat finish. Apply a coat of was on the cleaned and repaired finish.			
4.	Welded joints show no signs of cracks or fatigue. Replace any non-compliant components.			
5.	Hardware is present, secure, and not corroded (bolts, nuts, bushings, etc).			
6.	All wiring routing clips are present and in good condition.			
7.	All product warning labels are present and legible.			
8.	Plastic seat, foot rest, and other plastic components are present and in good shape.			
9.	Armrest hand grips are present, in good condition, and are well secured to the arms.			
10.	Electronic and lift covers are present and in good condition (Lift covers are highly recommended for outdoor installations).			
11.	Inspect rotation gears for any damage or missing teeth. Inspect rotation motor gear and alignment to ensure proper rotation of the lift.			
12.	Inspect lift slings, seat belts, and other similar stitched and webbed or weaved materials for damage, fatigue, and/or deterioration. Replace at first sign of any fatigue or damage.			
NO	TES/RECOMMENDATIONS:			
	I LO/ RECOMPLINDATIONS.			



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#### **1. PHYSICAL POOL LIFT TEST**

A physical test of the lift function is required when doing an annual inspection. NOTE: The lift should always be fun through a completed cycle without a load prior to each use. The annual test should be ran both empty and with a typical load weight to test the lifts functions. Make comments and/or recommendations in the notes area below each section.

IN	SPECTION ITEM	PASS	FAIL	N/A
1.	With all connections connected, operate the lift through a complete cycle without weight to confirm the lift is functioning correctly. Note any strange noises and any unusual operation.			
2.	Verify the lift was installed correctly; is the lift free to travel in and out of the pool without hitting anything like a wall, rail, bench, etc			
3.	Rotate lift at least 90 degrees over the water and back again if applicable.			
NC	TES/RECOMMENDATIONS:	1		



#### **1. ELECTRONICS INSPECTION**

Most electronic issues are due to pool electrical connections and/or a defective battery. Always remove the battery and place on the charger when the lift is not in use. NOTE: Even if your lift is equipped with a solare charger, it is a good idea to place the battery on the wall charger periodically or during extended periods of non-use or storage. Before testing the battery, charge overnight. A voltage meter is required for this section and a known GOOD handset controller is helpful. An Aqua Creek electronics test light is also highly recommended (order item F-01TL). Make comments and/or recommendations in the notes area below each section.

IN	SPECTION ITEM	PASS	FAIL	N/A
1.	Battery contact points are free of damage and/or corrosion. Dielectric grease is present on all contact points to prevent corrosion. ALWAYS STORE BATTERY ON THE CHARGER WHEN LIFT IS NOT IN USE!			
2.	Battery level indicator (if equipped) on control box is functioning properly when battery is installed on lift.			
3.	Using the voltage meter check the voltage on the battery. A good battery should read between 24v and 28v DC. Note: Vito batteries will require a test cord. (F-VTC002)			
4.	Using the test light, confirm continuity through the control box by plugging the light into the control box in place of the actuator and press the buttons on the controller and the control box itself (if applicable). If the light does not light up with the handset, replace handset with a known good one and try to see if it lights up.			
5.	Once the battery is fully charged up to 24 to 28 volts, cycle the lift (up, down, rotate) counting the cycles. If the battery is in good condition, the lift should easily complete at least 15 cycles without a load.			



## LIMITED FIVE (5) Aqua Creek Products Local/Intnl: (406) 549-0769 YEAR WARRANTY:

Aqua Creek Products, LLC (a.k.a. Aqua Creek) warrants to the original end user purchaser that products manufactured by Aqua Creek, when properly installed in accordance with assembly and installation instructions, and properly used and maintained, shall be free from defects in material and workmanship for a period of five (5) years from the date of original purchase, provided that Aqua Creek receives prompt notice in writing of any defect or failure and satisfactory proof thereof, with the following exception(s):

Aqua Creek Products, LLC 9889 Garrymore Lane

Missoula, MT 59808 Toll Free: (888) 687-3552

www.aquacreek.com

#### Exceptions:

- All electrical components, including the linear actuator shall have the following warranty period:
  - Year 1-2: 100% Coverage
  - Year 3: 60% Coverage (Customer is responsible for 40% of replacement cost)
  - Year 4: 50% Coverage (Customer is responsible for 50% of replacement cost)
  - Year 5: 40% Coverage (Customer is responsible for 60% of replacement cost)
- Hydraulic actuators and mesh slings shall have a warranty period of one (1) year from the date of original purchase.
- Powder coat finish scratches, scrapes, corrosion, or dents from customers normal use, negligence, or abuse.

This warranty specifically excludes reimbursement for labor to remove, repair, or install the product and any shipping charges. These warranties do not cover any damages due to accident, force majeure, act of nature, misuse, abuse, negligence or failure to properly maintain any products, or normal wear and tear from day to day operations. In the event that any products are altered, repaired, or improperly installed or improperly used by anyone without the prior written approval by Aqua Creek, all warranties are void. IMPORTANT: AMOUNT OF WEIGHT PLACED ON LIFT SHALL NOT EXCEED THE RATED LIFTING CAPACITY FOR THE LIFT. NEVER OPERATE THE LIFT UNDER LOAD IN A DRY POOL (WITH NO WATER IN THE POOL). It is the responsibility of the lift owner to verify the weight of the patron for warranty claim purposes and to ensure that the lift is not overloaded. Non-payment for product to Aqua Creek may void warranty.

To initiate a warranty claim, the owner of an Aqua Creek product must provide the place of purchase, in writing, with a full description of the product, its serial number, the dates of purchase and installation, and the exact nature of the defect. Within thirty (30) days after receipt of a written warranty claim by Aqua Creek, and barring any unforeseen delays, the place of purchase will be notified of Aqua Creek's decision regarding the claim.

If requested by Aqua Creek, any defective product must be returned, freight prepaid by customer, to Aqua Creek's designated factory location or duly appointed distributor for inspection and/or repair. Aqua Creek will, at its option, repair or replace the failed or defective item, and deliver the repaired product or replacement to the customer. All freight charges are the responsibility of the customer. Products returned to Agua Creek for which Agua Creek provides replacement under this limited warranty shall become the property of Aqua Creek. A new warranty period shall NOT be established for the repaired or replaced products. Such products shall remain under warranty only for the remainder of the original warranty period on the original products purchased.

This written limited warranty constitutes the final, complete and exclusive statement of warranty terms. No person or organization is authorized to make any other specific or implied warranties or representations on behalf of Aqua Creek. THE WARRANTIES SET FORTH HEREIN ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, WHICH ARE HEREBY DISCLAIMED AND EXCLUDED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE.

THE SOLE AND EXCLUSIVE REMEDIES FOR BREACH OF ANY AND ALL WARRANTIES WITH RESPECT TO THE PRODUCTS SHALL BE LIMITED TO REPAIR OR REPLACEMENT AT AQUA CREEK'S DESIGNATED FACTORY LOCATION, OR DULY APPOINTED DISTRIBUTOR, OR IN PLACE AT AQUA CREEK'S OPTION. IN NO EVENT SHALL AQUA CREEK'S LIABILITY EXCEED THE ENTIRE AMOUNT PAID TO AQUA CREEK BY THE ORIGINAL PURCHASER FOR THE FAILED OR DEFECTIVE PRODUCT. IN NO EVENT SHALL AQUA CREEK PRODUCTS, LLC BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT, PUNITIVE OR EXEMPLARY DAMAGES OR LOST PROFITS FROM ANY BREACH OF THIS LIMITED WARRANTY OR OTHERWISE.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS. WHICH MAY VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, SO SOME OF THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.