

# Aqua Jump® Eclipse™ Owner's Manual



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## Package Contents:

### **Aqua Jump Eclipse 120:**

1 Inflatable Tube	1 Safety Pad
1 Jump Surface	1 Repair Kit
70- 5-1/4" Springs	1- 3-Step Ladder w/Stabilizer
1-Anchor connections system	1 High speed inflator

### **Aqua Jump Eclipse 150:**

1 Inflatable Tube	1 Anchor Harness
1 Jump Surface	1 Repair Kit
80 - 5-1/4" Springs	1 Safety Pad
1 5-Step Ladder	1 High speed inflator
1 Anchor connections system	

## **Aqua Jump Eclipse 200:**

- |                             |                       |
|-----------------------------|-----------------------|
| 1 Inflatable Tube           | 1 Anchor Harness      |
| 1 Jump Surface              | 1 Repair Kit          |
| 112- 7-1/4" Springs         | 1 - 5-Step Ladder     |
| 1 Safety Pad                | 1 High speed inflator |
| 1 Anchor connections system |                       |

Please make sure you have received the contents listed, and then record the following information for future reference.

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**Date Purchased:** \_\_\_\_\_

**Purchased from:** \_\_\_\_\_

**Serial #:** \_\_\_\_\_

*(The serial # is located by the inflation valve. Having this number handy will assist you in finding accurate parts and information for your specific product.)*

**Staple your sales  
receipt here.**

## Introduction

Thank you for purchasing the Aqua Jump Eclipse water trampoline. This revolutionary product eliminates the heavy steel framework found on traditional trampolines. The result is a more user-friendly product that is lighter in weight and quicker to set up and take down than any other water trampoline on the market, leaving you with more time for fun on the water.

Water sports can be safe and fun for all levels of enthusiasts. This Owner's Manual is presented to enhance your enjoyment of the sport. It is intended to alert you to some of the potentially dangerous conditions that can arise in all water sports.

Please take a few minutes to read this manual before assembling and using the product. Although the product is simple to use, this manual contains important safety information that you and all users must understand to safely enjoy the Aqua Jump Eclipse.

If you have any questions regarding this product, please call RAVE Sports at 1-800-659-0790. Please have your serial number available.

# **WARNING**

**UNSAFE USE OF THE AQUA JUMP CAN RESULT  
IN PERSONAL INJURY OR DEATH.**

To reduce the risk of injury, read and follow all instructions and warnings in this manual. Do not use this product unless you understand and accept the risk of injury involved with this activity.

**EN 15649 – LIMIT (1) BOUNCER FOR AJ120 & AJ150  
LIMIT (3) BOUNCERS FOR AJ200**

## **Safety Rules and Information**

- Read and understand all of the information contained in this owner's manual before assembling and using your product.
- Make sure that everyone who uses the product is provided with and understands these safety rules and information.
- The Aqua Jump Eclipse is designed in large bodies of water with depths of at least 10 feet (3,1m) of water.
- Do not use or allow anyone else to use the product in swimming pools.
- Choose a location for your product that is most protected from wind, of sufficient water depth, and free of obstructions.
- Always anchor the Aqua Jump Eclipse securely before it is used on water.
- Always wear a U.S. Coast Guard approved Type III (PFD) vest when using the product.
- Never use the product after sunset, before dawn, or any other time in poor lighting conditions.
- Never use the product in rough surface water conditions, during storms, or when there is lightning. If an unexpected storm arises while using the product, seek shelter on shore. Do not stay on the product.
- Never use the product under the influence of alcohol or drugs.
- Always stay under control while using the product.
- Jump or bounce in the center of the trampoline surface and away from the edges.
- Do not allow; more than four people totaling 500 lbs. (227kg) max on the AJ120, more than four people totaling 700 lbs. (318kg) max on the AJ150 or more than 6 people totaling 1050lbs. (476kg) max on the AJ200 at one time.
- Never swim or play under or around the Aqua Jump Eclipse.

- Never dive off of the Aqua Jump Eclipse head first. If you choose to jump off the product, always enter the water feet first.
- Never use the product while tired or fatigued. Use extreme caution while swimming between the shore and the product. Do not attempt to swim this distance if you are tired or fatigued.
- Always inspect the areas around and under the product before each use to ensure the water is deep enough and free of all rocks, logs, sand bars, and underwater obstructions and that the product is a safe distance from above water hard objects. Ask about local water conditions before using the product in unfamiliar water.
- When not in use, secure the product against unauthorized or unsupervised use.
- Inspect your product for any worn, defective, or missing parts.
- Do not attempt flips, somersaults or other acrobatic maneuvers on the product. Most debilitating spinal cord injuries that occur during trampoline use involve somersaults. Improper landing during a somersault produces serious risk of broken bones, cuts, nerve damage, spinal cord or brain injury, or death.
- Use the Aqua Jump Eclipse only under mature, knowledgeable adult supervision.
- Not recommended for children under the age of six.
- Do not over inflate. Over inflation can cause seam rupture.
- Do not use in shark invested water or in water that may contain other marine life dangerous to humans.
- Ensure proper air pressure is maintained while the product is in use. Check air pressure frequently especially on very hot/cold days.

- This device is not designed to be used as a life saving device.
- Take off watches, rings and other sharp objects before use.
- Learn fundamental bounces and body positions thoroughly before trying other jumps.
- Stop your bounce by flexing your knees as your feet come in contact with the jump surface. Learn this skill before you attempt others.
- Avoid bouncing too high. Stay low until you can control your bounce and repeatedly land in the center of the jumping surface.
- Focus your eyes on the jump surface to help control your bounce.
- Do not use the jump surface as a springboard on to other objects.

# Aqua Jump Eclipse 120

(Item #00120 & #00121)

Product	Minimum Water Depth	Maximum Capacity	Maximum Weight	Working Pressure
AJ120	10ft (3,1m)	4 Users	500lb (227kg)	2 psi (0,14bar)





# Aqua Jump Eclipse 150

(Item #00150 & #00151)

Product	Minimum Water Depth	Maximum Capacity	Maximum Weight	Working Pressure
AJ150	10ft (3,1m)	4 Users	700lb (318 kg)	2psi (0,14bar)



# Aqua Jump Eclipse 200

(Item #00200 & #00201)

Product	Minimum Water Depth	Maximum Capacity	Maximum Weight	Working Pressure
AJ200	10ft (3,1m)	6 Users	1050lb (476kg)	2psi (0,14bar)



# **! WARNING**

- Misuse and abuse of the Aqua Jump Eclipse is dangerous and can cause serious injuries including broken bones, cuts, nerve damage, spinal cord and brain injury, or death.
- Trampolines, being rebound devices, propel the performer to unaccustomed heights and into a variety of body movements.
- All purchasers and all persons using the Aqua Jump Eclipse must become familiar with the manufacturer's recommendations for proper assembly, use and care of the trampoline, as well as being alert to the performer's own limitations in the execution of trampoline skills. Assembly instruction, selected precautions, recommended instructional techniques and progressions are included to promote safe, enjoyable use of the equipment.
- Safety pads must be used at all times. The pads are designed to prevent injury due to falling upon the springs.
- Secure the Aqua Jump Eclipse against unauthorized and unsupervised use by disconnecting the ladder and removing it from the water.

## **Liability**

While every attempt is made to embody the highest degree of protection in all equipment, we cannot guarantee freedom from injury. The user assumes all risk of injury due to use. All merchandise is sold on this condition, which no representative of the company can waive or change.

## **Assembling your Aqua Jump Eclipse water trampoline**

### **Unpack the Contents**

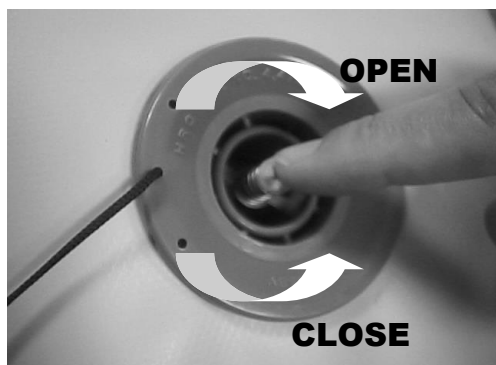
Roll out the Aqua Jump Eclipse tube on a flat surface. Make sure there are no sharp objects under the product that might puncture the tube. Spread the tube out to a ring shape making sure the tube is oriented face up.



### **Inflate the Tube**

Locate the valve of the Aqua Jump Eclipse and unscrew the cap.

**We recommend using the High Speed Inflator/Deflator from RAVE Sports that is included to inflate and deflate (Part # 01083).** This inflator will inflate your Aqua Jump Eclipse in minutes and will achieve proper inflation pressure.



To lock open valve, depress the stem and rotate  $\frac{1}{4}$  turn clockwise. To close valve, depress the stem and rotate  $\frac{1}{4}$  turn counter-clockwise. The valve stem should be in the depressed position while inflating. Replace the cap on valve after inflation to ensure air tight seal.

A special inflation adaptor is included with this product. If you are using the RAVE Sports High Speed Inflator (Part #01083), simply lock the adaptor onto the end of the inflation hose and insert into the valve body. Turn  $\frac{1}{4}$  turn to lock in place.

**NOTE: This inflation adaptor will automatically open the valve when inserted and will close the valve when removed. You do not need to manually open/close the valve when using this special adaptor.**



Inflate the tube to approximately 80-90% full (approx. 4 minutes.) The tube will be erect but very soft at this stage. Do not inflate fully until after the springs are attached.

**Attach the Anchor Harness**  
(Models AJ150, AJ200)



Attach the anchor harness following the instructions included with the harness.

Note: it is very important this harness be connected to the proper anchor points. Doing so ensures maximum anchor holding power and prevents flipping in windy conditions.

NOTE: The AJ120 does not have a harness.

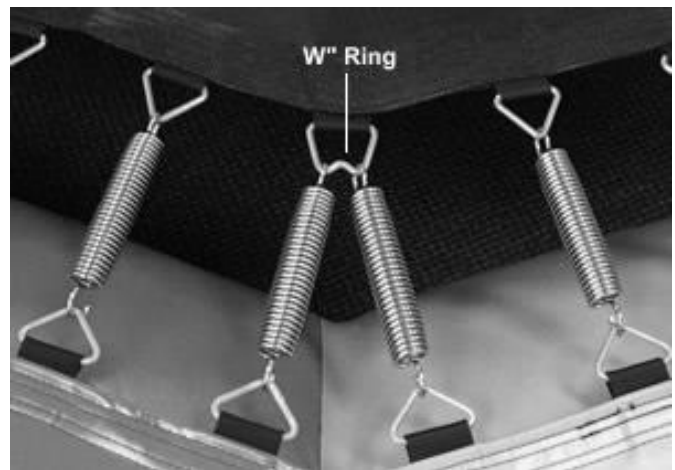
The anchor line will be connected directly to the ring located opposite the ladder on the inside of the tube.

### Attach Jump Surface

With the warning labels of the jump mat facing up, connect one pair of springs between the mat and tube in each corner. Make sure open ends of springs are facing downward.

**Note:** Two springs attach to the same W-shape corner ring of the jump surface and fan outward to connect to the first ring on either side of the tube corner. Repeat for all corners prior to adding each side springs.

Continue to add springs, working from the corners to the center of each side. **Note:** it is best to add springs uniformly around every side of the tube rather than fully loading one side. Working in a circular motion around the tube, add 2 springs per side then go on to the next section and do the same. Eventually, you will have all springs attached.



# WARNING

**FAILURE TO PROPERLY INSTALL THE SPRINGS CAN RESULT IN PERSONAL INJURY OR DAMAGE TO THE AQUA JUMP ECLIPSE.**

Each  $\Delta$ -ring on the jumping mat must be attached to the inflated tube by a spring. Springs must be attached with the hooks pointing down. Be sure the hook on each spring is fully engaged onto the  $\Delta$ -rings on the mat and tube.

## **Finish Inflating the Tube**

Continue inflating the tube (approx. 1.5 minutes) until it is firm and resistant to pressure and the jump surface is stretched taught.

**IMPORTANT: A PROPERLY INFLATED TUBE WILL FEEL LIKE A FIRMLY INFLATED BASKETBALL.**

Your fist should create only a slight depression when pushed against the tube. Replace valve cap to ensure an air tight seal. To check the exact pressure of your product the use of a RAVE Digital Pressure Gauge (Item #02496) is recommended.

# CAUTION

**DO NOT OVER-INFLATE.**

Do not exceed 2.5 PSI (0,17 bar) if filling with compressed air. Excessive pressure can cause the tube to rupture with potentially damaging force to eyes, ears, skin and limbs. Use of an air compressor or over-inflation can rupture the tube beyond repair, thus voiding the warranty.

**NOTE:** It is normal for the air pressure within the tube to fluctuate depending on air and water temperatures. It may be necessary to increase or decrease the air pressure in your product accordingly. To avoid damage on extremely hot days it may be necessary to check and release the air pressure from your product throughout the day. A fully inflated product on warm land will lose some of its pressure when placed in cold water. Let the tube acclimate to the cooler water temperature and add some air if necessary to obtain proper firmness.

## Attach the Ladder

Locate the yellow colored panel with the warning information.



Position the ladder straps to align with the two black webbing loops located below the springs on the inside of the inflated tube.

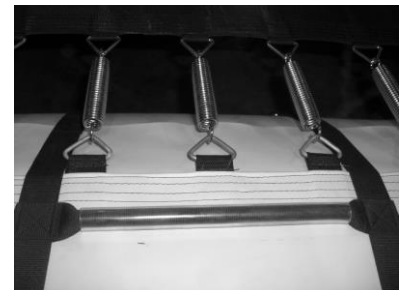


**Note:** *springs and jump surface removed in photo for visual clarity.*

Feed the webbing loop into the opening of the quick link until it is fully inside the link. Hand tighten the nut on the quick link to lock it shut.



Ensure webbing loop is lying flat across the entire width of the quick link as shown. Repeat for other strap.



**IMPORTANT:** Properly mounted, the ladder straps should run parallel to each other around the tube with three springs and  $\Delta$ -rings between the ladder straps as shown.

**NOTE:** The AJ120 has a unique ladder. Please refer to the special instruction sheet included with that product for assembly instructions. The method to attach the ladder to the tube is the same as described above.

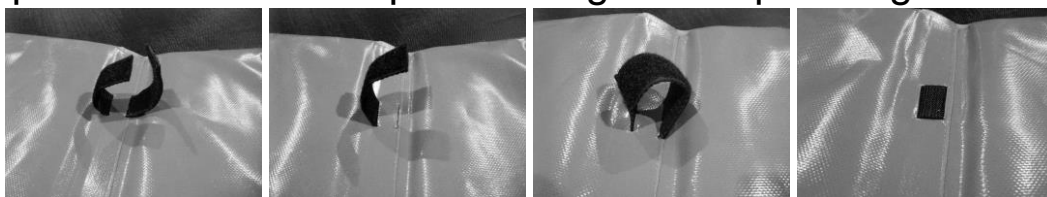
### Attach the Spring Pad Cover

Lay the spring pad cover on the trampoline so it covers the springs. Note that the pad is blue on one side and green on the other. Orient the pad so the blue or green side faces up to match the color of your Aqua Jump Eclipse tube and the straight sides of the pad align with the straight sides of the tube.

**Note:** If you have an Aqua Slide, determine the panel section where you will want to attach the Slide. One of the sections of the pad has two slots in it for attaching the Slide. Position the pad so the slotted section is on the section of the tube where you want to attach the Slide.



**Note:** if you are using the green side up, you will need to reverse the Velcro® attachment straps so they are pointing down. Push one end through the slit in the pad then feed the other end down through that same slit so both ends of the strap are sticking out of the underside (blue side) of the pad. Center the strap so the legs are equal length.



Repeat for all pad attachment straps.

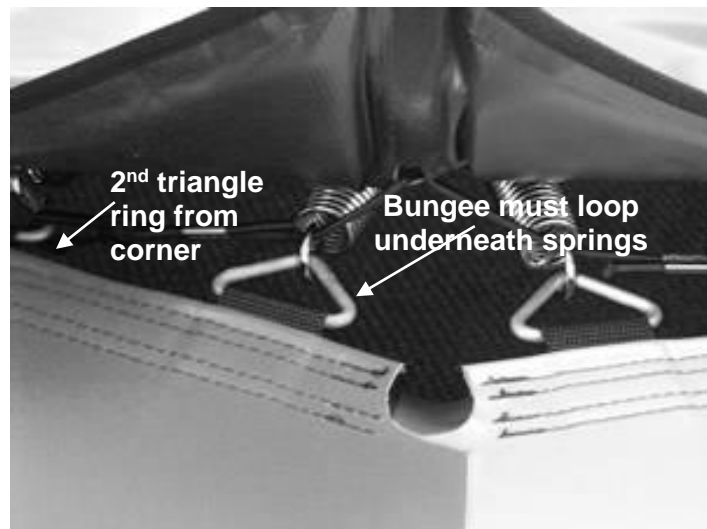




Attach the interior part of the pad by fastening the Velcro straps around the W-ring in each corner.

NOTE: AQUA JUMP ECLIPSE'S THAT HAVE ADDITIONAL HOOKS ON THE SPRING PAD MUST FOLLOW THESE INSTRUCTIONS ON HOW TO PROPERLY ATTACH THEM. IF YOUR AQUA PAD DID NOT COME WITH ADDITIONAL HOOKS, PLEASE SKIP OVER THIS SECTION.

Pull the bungee hooks under the spring hooks and attach to the SECOND triangle ring.



### **Move to the Water**

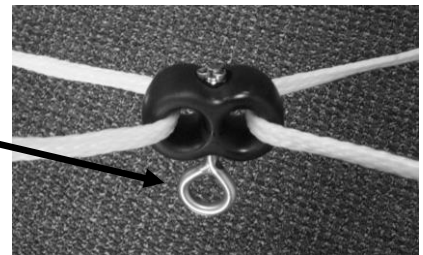
With the aid of 2-4 people using the handles provided around the perimeter of the tube, carefully carry the Aqua Jump Eclipse and rest it in shallow water. **CAUTION:** To avoid risk of puncture or damage to the product, **DO NOT DRAG** the Aqua Jump Eclipse to the water.

### **Anchoring the Product**

Due to extreme varieties of installations, an anchor line and anchor are not included with the Aqua Jump Eclipse and must be purchased separately.

Please consider the following when determining an adequate anchoring system and location of your Aqua Jump Eclipse:

- Choose a location that is most protected from the wind, of sufficient water depth of 10 ft. (3,1m) minimum and free of obstructions a safe distance in all directions.
- A minimum of 150-200 lbs. (68-91kg) of anchor weight is recommended for most applications; however larger Aqua Jump Eclipses on larger bodies of water may require more.
- Bell anchors are not typically recommended since they are easily dragged, especially on flat, sandy bottoms. Screw-type or more permanent toggle-type anchors may be necessary in more extreme conditions.
- Attaching a heavy duty shock cord to the anchor line is recommended to help absorb vertical movements of the Aqua Jump Eclipse due to waves and normal use. **An Anchor Connecting System (part # 01024) is included with the product.** **NOTE:** Follow instructions included with the anchor connecting system
- Please consult with local authorities regarding any specific anchoring restrictions in your area.
- Set anchor in position in water and use float on the anchor line to locate.
- Attach anchor line (not included) securely to the open loop of the swivel on the rope harness on the underside of the Aqua Jump Eclipse.



### Anchoring the Product (cont'd)

- On the AJ120, connect the anchor line directly to the ring located opposite the ladder on the inside of the tube.
- All Units: Adjust length of anchor line so that it is approximately 1-2 ft. (0,3-0,7m) longer than the depth of the water. The RAVE Sports anchor connector shock cord will



provide 2 ft. (0,7m) of stretch to absorb waves and any vertical bouncing motion. To help prevent flipping of your Eclipse in high wind conditions, do not exceed 3 ft. (1m) of total slack in the anchor line.

**NOTE:** More slack will improve anchor holding performance, but too much slack may allow the Aqua Jump Eclipse to stand on edge and flip over in strong winds. For best results, maximize your anchor holding power via more weight or a different type of anchor and minimize your anchor line length.

## **Operations**

Inspect the trampoline before each use and replace any worn, defective or missing parts.

The following conditions could represent potential hazards:

- Punctures or holes worn in the jump surface
- Deterioration in the stitching of the jump surface
- Stretched springs
- Missing or insecurely attached safety pads
- Sagging jump surface
- Unsecured against unauthorized use
- Regularly inspect the condition of the inflatable tube. Any repairs should be done immediately

## **Cleaning and Storage**

- When the inflatable product is not being used, store it in a covered, shaded area. This will help protect it against ultraviolet (UV) rays and extend the life of the product.
- Ultraviolet (UV) rays are very hard on inflatables. To maximize the life of your Aqua Jump Eclipse, store it out of the sun whenever possible. For additional protection, we recommend

using 303 Protectant, which is a one-step product that provides UV protection. 303 is available to purchase online at [www.ravesports.com](http://www.ravesports.com).

- Clean the inflatable completely with a mild soap and fresh water or a citrus based cleaner. NEVER USE PETROLEUM BASED PRODUCTS OR SOLVENTS FOR CLEANING.
- NEVER USE A POWER WASHER SINCE THE HIGH PRESSURE WATER JET WILL DAMAGE THE SOFT PVC COATING ON THE TUBE BEYOND REPAIR.
- Product should be completely dry and remain dry while stored.
- Remove all air from the tube using the deflation port of the RAVE inflator/deflator.
- Fold opposite sides to the center to form a straight line. Fold again to the center. Then fold the right half onto the left half. Roll the product tightly (like a sleeping bag) and place in a container, preferably one that rodents can't chew through.
- Secure against unauthorized or unsupervised use.
- Store in a cool, dry location. Do not store product directly on concrete surface. Place mothballs around stored inflatable to keep mice and insects away.

**..... Important Information .....**

**Rodents, like muskrats, may be attracted to the PVC vinyl of your product. When your product is on the water, maintaining full air pressure during periods of non-use will discourage them from chewing the vinyl.**

**Another way to ease the problem of nuisance rodents is to remove the temptation by taking the product out of the water at night. You can also make the whole area unattractive to rodents by changing the environment, making the area less hospitable for rodents. Removing any food source from the shoreline can also be a good deterrent. Check with your local DNR for additional guidance or possible restrictions.**

## Repairs

For large holes, tears or seam failures, contact RAVE Sports at 1-800-659-0790. Extra repair patches can be purchased online at [www.ravesports.com](http://www.ravesports.com). For minor holes or tears:

- Inflate the product and locate the leak by spraying the tube with mild soapy water.
- Determine the hole size and cut a patch 1-2 inches (3-5cm) wider than the diameter of the hole. Make sure all corners of the patch are rounded.
- Deflate the product and clean the patch and area around the hole with rubbing alcohol. Let dry completely.
- **READ AND UNDERSTAND THE WARNINGS ON THE GLUE CONTAINER.**
- Apply glue to the patch and the area around the hole. Let the glue dry until it is tacky to the touch. (Approximately 1-2 minutes.)
- Lay the product on a flat, hard surface and apply the patch. Working from the center to the outer edge, rub out any air bubbles between the patch and the product.
- Let the patch dry for at least 24 hours before attempting to inflate the product.

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