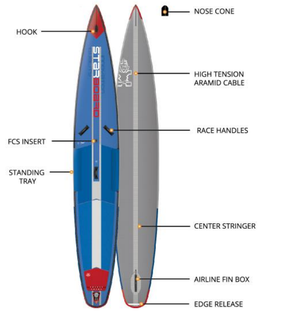
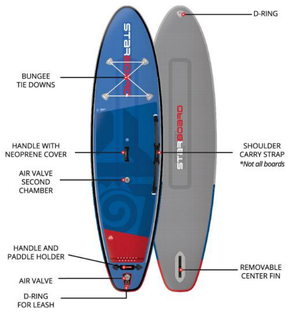
INFLATABLE BOARD

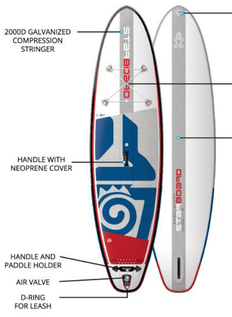
AIRLINE DELUXE



DELUXE DOUBLE CHAMBER

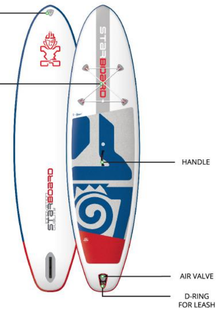


ZEN



ZEN LITE

NEW



INFLATABLE BOARDS SUPPLIED WITH

Re-Cover Bag Zen Lite Bag

1 BAG

- **LARGE**
- **LIGHT**
- **STRONG**

The Re-Cover Bag is made from upcycled plastic bottles, creating an amazingly strong 450D material from **"Waste2Wear"**. A showcase of true upcycling.

- The Re-Cover Bag 's available on Deluxe and Zen.
- Zen & Zen Lite have no wheels.
- Allstar bag is wider to fit the EVA side rails when folded.

80% REDUCED CARBON FOOTPRINT DURING THE POLYMER MANUFACTURING PROCESS

YULEX

3 LIGHTWEIGHT LEASH

- Exclusive and innovative, the Lightweight leash for flat water and touring conditions.
- Only 70g, comfortable and effortless to wear.
- Available in 3 sizes: 10'0" & below, 10'0"-12'6" and 12'6"-14'0".

**FREE Lightweight leash with every inflatable board purchased (Except iGO Zen Lite, Touring Zen Lite, Surf, River, Ocean Rescue, Tandem and Starship)*

2 PUMP

- Inflate your board faster and easier with continuous pumping cycles in both downward and upward action.
- With a switch, the double action becomes single action for easy inflation to 15-18 PSI.

NEW

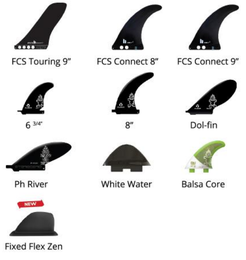
4 TRASHER BAG

A recycled trash bag that attaches to the bungee tie-downs on your board.

** With iGO and Touring models in Zen and Deluxe Double Chamber technology.*

5 FINS

* In the first deliveries of 019 boards, some will use 018 fins, to ensure zero waste.



6 REPAIR KIT

- Patch
- Glue
- Valve Wrench

7 MANUAL & WARRANTY

- 2 Years Warranty

There is a risk of serious injury or death from drowning. Paddle sports can be very dangerous and physically demanding. The user of this product acknowledges, understands, and assumes the risks involved in paddle sports. Observe the following safety standards and safe operating practices whenever using this product.

- ALWAYS WEAR A LEASH.
- Always wear an approved personal flotation device.
- Do not operate the board under the influence of drugs or alcohol.
- Wear a helmet when appropriate.
- Do not paddle alone.
- Children must be supervised by a responsible adult at all times.
- Dress appropriately for weather and marine conditions; cold water and weather can result in hypothermia.
- Beware of offshore winds and currents.
- Check weather forecasts and understand the weather conditions.
- Do not exceed your paddling ability; be aware of your limitations.
- Be aware of safe river water levels, tidal changes, currents, and obstacles in and above the water.
- Check your equipment prior to each use for signs of wear, leaks or failure.
- Always inform someone of your paddling expedition.
- Always carry identification.
- Do not paddle in flood conditions.

INFLATION

To inflate your board use the pump provided and follow the instructions below.

Release the valve cover by twisting counter - clockwise. Ensure the valve is clear from debris sand, or dirt before releasing.

Push valve button in and turn counter - clockwise 90° so it pops up. Connect the pump hose to the pump on **"OUT"** mode.

Insert the pump hose and twist it 45 degrees clockwise to lock in place. Inflate until you reach the required pressure (15 PSI Min - 18 PSI Max).

After inflation, return the valve cover and tighten in clockwise direction to lock in place.

PUMPING TECHNIQUE

To inflate faster and easier, follow the techniques bellow.

1 Use the **DOUBLE ACTION** position to pump the board up to 7 psi.

2 Switch to use the **SINGLE ACTION** position to pump the board up to 15 - 18 psi.

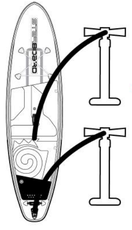
Correct Position

- Using the full range of the pump cylinder helps to inflate faster, while keeping your arms extended helps to reduce efforts pumping.

- Bending your knees makes more powerful inflating.
- Using the body weight helps to reduce effort.

FOR DELUXE DOUBLE CHAMBER

For the best performance, the double chamber should always be inflated to ensure the highest stiffness and safety.



1 INFLATE THE INTERNAL DOUBLE CHAMBER UP TO **10 PSI MAXIMUM**

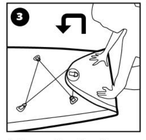
2 THEN INFLATE THE MAIN CHAMBER UP TO **15-18 PSI**

DEFLATION

To deflate your board, follow the instructions below.

Release valve cap by twisting counter - clockwise.

Push valve button in and turn clockwise to lock it in **DOWN** position to deflate.



Fold up your board from the nose to the tail of the board, pushing all air out, or using pump on **"IN"** mode to help deflating faster.

Press all air out of the board, return valve cover, and tighten in clockwise direction to lock in place.

FIN INSTALLATION

FCS CONNECT CENTER FIN *(for Deluxe)*

1 Align the fin base into the fin box slot.

2 Slide the center fin through the box and push it to the front of the box.

3 Push down the base of the fin until it clicks and is locked in place.

4 To remove the fin, push it up towards the front and slide the base towards the back until it is free.

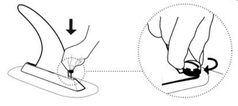
CENTER FIN WITH HANDY SCREW *(for Zen)*

1 Use the handy screw to place the washer into the fin box.

2 Slide washer to the front of the fin box and remove the handy screw.

3 Align the fin base into the fin box slot and slide it to rear of the fin box.

4 Push the fin down and line up the washer's hole with the fin's hole.



5 Insert the handy screw and secure firmly by screwing in clockwise with your fingers.

TOOLLESS FIN *(for Zen Lite)*

The toolless fin comes up with a screw attached that can't be lost.

1 Align the fin base into the fin box slot and slide it to the front of the fin box.

2 Push the fin down.

3 Secure firmly by screwing in clockwise with your fingers.

SIDE FIN DELUXE

1 Align side fin into fin box with the flat edge facing inwards.

2 Push the fin down.

3 Tighten the grub screws with the Tiki allen key until fixed. (don't over tighten)

PRECAUTION & TIPS

- Electric Pumps can be used to inflate board up to 80-90%. However, the remaining pressure required should be achieved using the hand pump to avoid over - inflation.
- Do not use air compressors as this voids warranty of board.
- Before long trips, ensure the board has been inflated and has maintained pressure for a minimum of 24 hours.

HOW TO PACK THE INFLATABLE BOARD

PART I — PACK THE BOARD INTO THE BOARD BAG

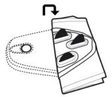
1 Release air.

2 Start to fold from the nose of the board.

3 Continue folding to the tail of the board.

4 Each fold should be approximately as long as the length of your board's fixed fins / fin box.

5 The final fold should have the fixed fins / fin box completely on top of the other folds.



6 Cover the Fins with the Fin protectors.

7 Place the board in the bag with the fins on top.

8 Secure your board with the compression belt.

PART II — PACK THE EQUIPMENT

9 Place the pump on the side of the board.

10 Keep small equipment in the mesh pocket.

11 Zip shut with zippers.

12 Connect the compression belt to reduce pressure on the zipper.

Warning: Boards may deflate over time (up to 4 PSI in 7 days), be sure to check that your board is fully inflated before paddling.
ALWAYS WEAR A LEASH.

Q: How much air should I pump into my board, and how long does it take to inflate?
A: The recommended pressure is 15- 18PSI, any higher you risk over inflating and damage. Depending on the size of your board it can take anywhere from 5-8 min.
Q: When detaching the pump from the board, the air starts to release from the valve. How do I stop this from happening?
A: The air is releasing as the valve spring pin has been left in the deflating position. Simply push down and turn the pin until it lifts up into the inflation position and stops air from releasing; continue to inflate the board until up to pressure.
Q: How far do I tighten the screws on the fins?
A: Do NOT over tighten the screws. Only tighten until the fins feel snug and secure in the box.

MAINTENANCE TIPS

1 EASY CLEANING
Clean the board after use with fresh water and mild soap.

2 KEEP IT DRY
Dry the board off after use and before storing to avoid mildew and mold damage.

3 AVOID DIRECT SUNLIGHT
When leaving the board inflated in direct sunlight, deflate it to at least 10PSI.

4 STORE AT ROOM TEMPERATURE
Keep the board sheltered away from high temperature and humidity.

5 DEFLATING BEFORE STORING
Releasing a few PSI just in case your storage becomes too warm, which could damage the seals of the board.

6 USE IT FREQUENTLY
Long-term storage can cause glue bonds to disintegrate.

7 BE CAREFUL NOT TO USE COMPRESSOR
Air compressors can damage your board and void the warranty.

8 NO DRAGGING
Sharp debris can puncture your board, so don't drag it.

HOW TO TIGHT THE VALVE

If you notice air seems to be leaking out the side of the valve fitting, please follow these steps.

SUPPLIES REQUIRED

VALVE WRENCH

1 Deflate the board.

2 Grip the wrench to the valve.

3 Turn it clock-wise to tighten the valve.

Q: Can I leave my board inflated in the sun and over night?
A: If leaving the board inflated, it is best to remove from direct sunlight and deflate the board at least to 10PSI.
Q: How should I clean and how should I store my board?
A: We only recommend water and a mild soap. Heavy detergents and solvents can damage your board. It is best to clean and dry your board, take out the fins, roll it up and put in the Inflatable bag.
Q: If I puncture my board, can I repair by myself?
A: Yes, you can use the supplied Inflatable repair kit (we recommended Aquaseal®) or Email us for more information at info@star-board.com.
Q: What is the difference between Deluxe Double Chamber, Airline Deluxe, Zen and Zen Light Inflatable Technologies?
A: **Deluxe Double Chamber** is our new Ultra stiff technology with built in security chamber. The added chamber sits in the middle of the board and provides enough flotation for one person in case of an unlikely event. An I-beam rail band connects the main hull and the additional float chamber. The overall stiffness is increased by 40% due to the double I-beam stringers in the most critical part of the board. The Deluxe fusion technology fuses the deck and bottom PVC into a single layer, removing the need to apply glue & solvent thus reducing unnecessary weight. A 3K Cartbon fiber compression band is laminated along the entire outline to control the shape and support stiffness. River and Vision models feature Deluxe reinforced technology. Both River and Vision do not include double chamber technology.

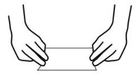
HOW TO REPAIR A CUT OR PUNCTURE IN YOUR INFLATABLE BOARD

SUPPLIES REQUIRED

1. HAIR DRYER
2. TAPE
3. GLUE FROM REPAIR KIT (Aquaseal®) is recommended)
4. ACETONE OR METHYL ETHYL KETONE (M.E.K.)
5. SPATULA OR SPOON
6. BRUSH
7. TOWEL

1 SURFACE PREPARATION
• Clean the area around the cut or puncture using acetone or M.E.K.

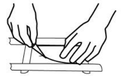
2 PREPARING THE PATCH
• Draw the outline of the patch using chalk or pencil (do not use ink).
• Cut the patch, cover the cut or puncture with approximately 2.5cm (1") overlap on all sides.



3 PREPARING THE BOARD
• Apply tape along the outline of the patch. This will prevent the glue from spreading outside the patch area.

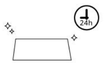
4 APPLYING THE GLUE
• Apply glue on both the board and patch using a brush or other applicator. Make sure the glue is spread evenly and completely over the board and patch. Let the glue dry for 5 minutes.

5 APPLYING THE PATCH
• Apply the patch starting on one side and moving towards the other side being careful not to trap any air bubbles.



6 BONDING THE PATCH
• Use a hair dryer to gently heat the area to ensure a good bond between the patch and the board.
• Use a metal spatula or spoon and firm pressure to ensure a good bond and to work out any air bubbles.

7 CURING THE PATCH
• Allow the glue to cure with the board un-inflated for 24 hours prior to use.



Airline Deluxe is a new-patented technology used only for All Star models. A pre-set floating cable is attached to the nose, goes under the bottom and ends at the fin box. The preset line is a bit shorter than the board so, when the board inflates, the line tightens and stiffens up the board significantly. New standing tray with built up EVA side walls increases stability and control when paddling in choppy water. Extra handles provide a balance grip when running during beach starts, bungee tie downs on the nose can be used to store gears.
Zen is a solid winner at a lightweight, now with reinforcement plates in the standing area for a harder surface under feet. 2000D galvanized compression stringers support the deck and bottom for added stiffness, while double layer rail bands and a compression band increases the overall strength and stiffness.
Zen Lite is our lightest technology, stripped back to the core essentials. Built with single layer knitted dropstitch and double rail band. New toolless fin system is quick and easy to set up.

*** ALL 2019 TECHNOLOGIES HAVE HEAT WELDED RAILS.**

www.star-board-sup.com

2019
INFLATABLE USER MANUAL