



R1
V2

PURE PERFORMANCE

IMPORTANT NOTES

- The R1 V2 is for advanced riders only who have previous foil kite experience. It is not difficult to fly but there are techniques required to fly a high aspect ratio foil kite.
- Our R&D team has longevity and performance tested the new light weight materials on the R1 V2 proving durability and dynamics. These materials have been extensively used on our Ultra Light Kites and Paragliders for the past four years. The kite must be carefully looked after, it needs an experienced rider who knows how to keep the kite up in the air and how to handle it gently on the ground.
- The kite is water re-launchable, but we recommend that you keep it flying and out of the water if possible! A drainage system on the wing tip allows any water that may have entered the kite to drain out. Do not use the kite in waves.
- Always use a Brake Handle when flying a foil kite. This is the handle/line spanned between the back leader lines on your control system. This easy to grab handle makes inflation, self-landing and reverse launch easier.
- This kite features a simple yet effective front line flag out release. After releasing the flag out you should check the speed system, bridle lines and your flying lines for twists before restart.
- The Speed System and Bridle lines will require maintenance just like any high performance equipment in racing sports - they must be checked after every 60 hours flying time, and maintained in the correct trim or the kite will not perform as designed. Bridle Lines that are worn or not to factory specification (+ or - 15mm) must be replaced. Speed System lines that are worn must be replaced. If the Speed System lines are not worn, but are not to factory specifications (+ or - 15mm) you must adjust back to factory spec.

You must watch the How To video before adjusting or replacing Speed System lines. How To videos and a Bridle Check PDF with all measurements can be found at www.ozonekites.com

PACKAGE OPTIONS

The R1 V2 is available in a COMPLETE package, or you have the option to customise an order to suit your desire. Please speak to your dealer for more information.

- We have designed two all new storage bags - the Backpack and Kompressor bag. Watch the video on our website for more information explaining the differences and how to use each bag.
- Race Lines are available in a range of sizes from 13m-32m.
- The COMPLETE package includes: Kite, Backpack, Kompressor Bag, Foil Race V2 Control System with Race Lines, Ground Stake, Manual and Repair Kit.

WIND RANGE BAR & LINES

SIZE							BAR	LINES
6m							45cm	21m
7m							45cm	21m
8m							45cm	21m
9m							50cm	23m
10m							50cm	23m
11m							50cm	23m
13m							55cm	25m
15m							55cm	25m
17m							62cm	25m
18m							62cm	25m
19m							62cm	25m
21m							62cm	25m
KNOTS	5	10	15	20	25	30		

Wind range is indicative only based on an average rider weight of 80kg. Actual range will vary based on rider skill level, type of board used and line length. The R1 V2 was designed and tested with lines ranging from 13m to 25m. Bar sizes and line lengths listed are our standard recommendation. We recommend advanced riders use shorter lines (13m to 21m) when racing.



BACKPACK



KOMPRESSOR BAG



R1 V2 FEATURES

INCORPORATING OUR NEW HIGH PERFORMANCE ULTRA LIGHT MATERIALS NOT ONLY REDUCED WEIGHT, THIS ALSO ALLOWED OUR DESIGN TEAM TO COMPLETELY RE-WORK THE INTERNAL STRUCTURE AND LOAD DISTRIBUTION FRAME. ADVANCED INTERNAL LAYOUTS WITH NEW TENSION AND SAIL SHAPING TECHNOLOGY, COMBINED WITH AN ALL NEW BRIDLE LINE PLAN REDUCING TOTAL LINE CONSUMPTION SETS A NEW NORM IN HIGH PERFORMANCE FOIL KITE DESIGN.



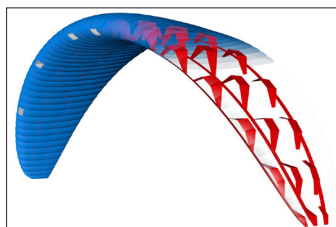
HIGH PERFORMANCE ULTRA LIGHT MATERIALS

We have packed every ounce of new technology into this kite - without packing the weight on. The R1 V2 saves over 30% in weight compared to the V1! This translates to true performance increases - the kite inflates quicker, flies faster and is more reactive even in the lightest breeze.



OPTIMIZED LEADING EDGE AIR INTAKES

Newly designed intake valves are precisely positioned along the Leading Edge; this leads to a stability increase at all angles of attack. The inflation is easy and safe as the kite rapidly inflates.



INTERNAL DIAGONALS AND STRAPS

Internal span-wise straps work in unison with optimized diagonal ribs, distributing load from the bridles evenly and effectively. This increases the internal structural balance that helps control the high aspect ratio, while allowing the top and bottom surfaces to maintain the designed profile without being distorted from indirect tension or loads.



HIGH PERFORMANCE BRIDLE LINES

High performance Kevlar bridle lines are a key component to the R1 V2's outstanding performance. Kevlar has unbeaten stretch and shrinkage characteristics keeping your kite at the highest performance trim. These thin lines offer a vast reduction in parasitic drag - put simply the R1 flies faster, accelerates quicker giving higher performance, bigger range and more de-power!



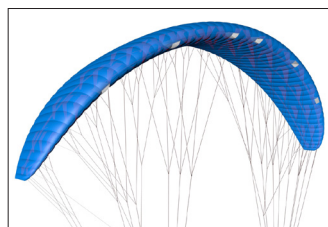
DESIGNED WITH OZ-CAD

The FUTURE is NOW - All Ozone kites are designed and developed using our own highly advanced custom built CAD software. Our designers are able to work with parameters specifically formulated to calculate unique aspects required in technical Inflatable and Foil kites. Part of our design team is dedicated to the upgrade of the CAD code and addition of new modules and features to the program as the development of our kites continues.



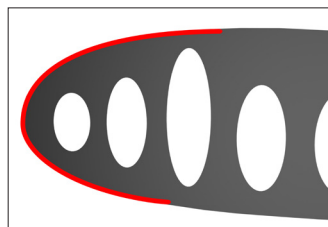
EXCEPTIONAL OZONE FACTORY CONSTRUCTION

World-class construction in our own factory, using the highest quality materials and hand checked Quality Control at every step. The Ozone factory also manufactures our Paragliding and Speed Wing range; the same Quality Control processes are used across all products.



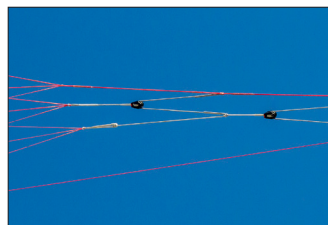
HIGH CELL COUNT

A high number of cells controls ballooning between the ribs, holding the wing shape and designed surfaces smoother and more accurately. This reduces turbulent airflow, providing more efficiency, speed and de-power for increased overall performance.



L.E PROFILE REINFORCEMENTS

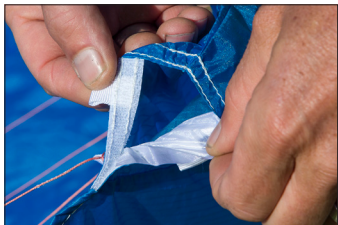
The Leading Edge is reinforced with flexible lightweight plastic battens to maintain the shape of the profile during angle of attack changes and turbulent airflow. This drastically improves overall performance as the foil remains true to the designed shape.



PRO-TUNE SPEED SYSTEM

Our new Pro-Tune Speed System offers minute adjustment to keep the kite performing at its best in the correct trim. New line materials reduce wear and tear on the pulley lines, with increased resistance to stretch or shrinkage for a longer life span. The Speed System is a Double-Pulley layout using high spec low friction Ronstan Orbit pulleys. NOTE: You must watch the How To video before adjusting your Speed System settings.

R1 V2 FEATURES



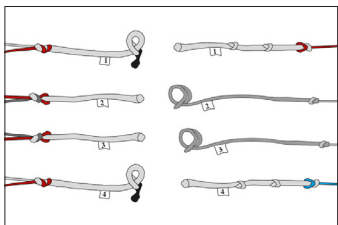
WATER DRAINAGE CHANNELS

An internal channel is shaped into the end of each cell along the trailing edge. This allows loose sand or water to run between the cells and out of the tips during flight. The Velcro sealed cells at the tips can be opened for cleaning the kite. Always clean your kite by emptying any water, sand or dirt as this will prolong the life of the kite and help it fly as designed.



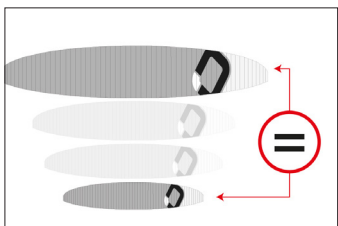
WATERPROOF DEFLATION ZIPPER

Intelligently positioned for easy deflation and pack down.



FOOL PROOF LINE CONNECTORS

Fool proof numbered line connectors prevent incorrect rigging of the flying lines to the kite.



COMPARABLE FEELING THROUGHOUT THE SIZE RANGE

We work extensively during our R&D process on each and every kite to develop a range of sizes that feel in tune with each other.



TWO STORAGE BAG OPTIONS

We have designed two all new storage bags - the Backpack and Closed Cell Kompressor bag. Choose the Backpack for a quick and easy pack down. Choose the Closed Cell Kompressor bag for a secure packing process to maintain the plastic batten profile shape. The Kompressor bag is also lighter with internal compression straps keeping packing size and weight to a minimum. Watch the video on our website for more information explaining the differences and how to use each bag.

FOIL RACE CONTROL SYSTEM

- PUSH AWAY QUICK RELEASE
- TWO RELEASE MODES
- ANTI-TWIST FLAG OUT LINE AND SPINNING HANDLE
- AUTO POSITIONING CHICKEN LOOP
- FOIL BRAKE HANDLE
- SOFT BAR ENDS WITH LEADER LINE ADJUSTMENT
- STAINLESS STEEL LEADER LINE PIN
- DOUBLE PULLEY TRIM SYSTEM
- LIGHT WEIGHT ALUMINIUM CENTRE PIECE
- PU COVERED DE-POWER LINE
- STAINLESS STEEL TRIMMER BRACKET
- CLAMCLEAT TRIMMER
- LOW DRAG 300KG/200KG FLYING LINES
- ERGONOMIC EVA GRIP
- 38CM, 45CM, 50CM, 55CM AND 62CM SIZES

THE ULTIMATE KITE RACING CONTROL SYSTEM, CUSTOM DESIGNED IN COLLABORATION WITH OUR ELITE RACE TEAM INCLUDING THE WORLDS TOP KITE RACERS.

Utilising top of the line components and materials the Foil Race Control System is smooth and reliable on the course. Incorporating a double pulley system offers minute trimming on the go with less force required. The long de-power line allows the rider to easily hike out maintaining maximum power against the foil/fins. 300kg front and 200kg back lines reduce drag for faster speeds on the course.

The Brake Handle makes inflation, self-landing and reverse launch easier. Always use the Brake Handle when flying a foil kite. The Brake Handle is removable to use the control system with an inflatable kite.



