



R A D A R W A T E R S K I S

2 0 1 9 C O L L E C T I O N







This crew is the backbone of The Radar Nation.
Chris Rossi - Matt Rini - Brooks Wilson - Eddie Roberts
K.C. Wilson - Jason McClintock - Trent Finlayson
Whitney McClintock Rini - Stephen Neveu
Corey Vaughn - Paige Rini - Cole Giacomuzzi





JUST GO SKI

There's something about that feeling - as the sun creeps over the horizon and you slip into your boots. You're in the water, the line comes tight, you smile at the boat and utter those two simple words - "Hit it!"

We live for that feeling, we wake up every day and build beautiful waterskis because we love to be on the water. We design what we design because you live for that feeling too. We make the best skis on the planet because it's in our blood, it's what we live for. We create so you can enjoy.

Enough of the babble, this book is filled with all we've built over the last 365 days. You know what to do. Just go ski.

-Brooks

Square One Distribution
1.425.369.6850
radarskis.com

Radar warranty procedures vary depending upon country of purchase. We reserve the right to change details without notice. Check your warranty card or call Square One for further information.

Introduction	4-5
Vapor Collection	6-11
Senate Collection	12-15
Lyric Collection	16-17
T.R.A. Collection	18-19
Union Collection	20-21
Bent Vee Collection	22-23
Graviton	24-25
Footwear	26-29
Vests	30-33
Gloves	34-35
Ropes / Handles	36-37
Radar Nation	40-41
Combos	44-45
Kneeboards	46-47
Thirty30 Collection	48-49
SUP	50-51
Tubes & Leisure	52-57
Apparel	58-59
Bags	60-61
Accessories	62-63
Technical Glossary	64-70
Line Overview	71-75
Ski Finder	76-77

PHOTOGRAPHY:
Jason Lee: blurryphotos.com
Tony Teske: tonyteskephotography.com





2019

V A P O R

C O L L E C T I O N

The 2019 Vapor completely redefines what we previously thought possible on a ski. Additional width through the tail makes the ski sit more level and allows speed to be carried more consistently. The area directly under your front foot has an increased taper, which lets the ski move through the finish of the turn easier and allows the tip height to stay constant, increasing efficiency. The wide spot of the ski has been moved forward, giving you the ability to stand over your front foot with confidence. The outcome, a ski that carries speed and creates angle better than anything on the market.



PRO BUILD VAPOR

Pro Build designates a PMI Core and Textreme Carbon infused with Innegra. PMI is the lightest and most responsive foam money can buy, allowing a skier to get more attainable angle out of the turn and the ability to hold it through the wakes. Textreme lets the ski flex instantly and consistently, giving the skier more speed from a wider point. The Pro Build Vapor is everything a competition skier ever wanted, designed to perform between 32-36 MPH and in the slalom course to elite levels. It's our Pro Team's model of choice but is also great for those looking to improve their skills at any level, all you have to do is pick a color!

Featuring

- PMI Core - Lightweight, high density, most response
- Textreme Carbon - Lighter, stronger composites
- Innegra - Reducing chatter for a more stable ride
- CorFlex - Optimizing the flex in your ski's turning
- NFC Enabled - Information delivered simply
- Radar Lab Made

Sizes: 63.5" / 65" / 66" / 67" / 68" / 69.5"

LITHIUM VAPOR

Built from the same mold as our ProBuild, the Lithium features our Vapor shape with a PVC Core. PVC has stood the test of time and is proven as a high-quality core material. An amazing ski at a more affordable price, a win-win in every sense of the term. The Lithium construction is built to be a course ski between 30-36 MPH and is fully capable of ripping anything from 15-41 off, get after it!

Featuring

- PVC Core - Tested and proven response
- Sigmatex Carbon - Consistent flex every time
- CorFlex - Optimizing the flex in your ski's turning
- NFC Enabled - Information delivered simply
- Radar Lab Made

Sizes: 63.5" / 65" / 66" / 67" / 68" / 69.5"

GRAPHITE VAPOR

The Graphite Vapor features a polyurethane core in the body of a Vapor. Polyurethane is damper foam which allows the ski to sit a little deeper in the water and makes for more progressive turns. Those skiing in a mix of open water and slalom courses favor the Graphite construction between speeds of 30-36 MPH.

Featuring

- Aero Core - Forgiving and consistent response
- Sigmatex Carbon - Consistent flex every time
- CorFlex - Optimizing the flex in your ski's turning
- NFC Enabled - Information delivered simply
- Radar Lab Made

Sizes: 66" / 67" / 68" / 69.5"



2019

SENATE

COLLECTION

The 2019 Senate is hands down the best Senate we have ever created. Now updated to follow the shape of our most recent Vapor; this ski is a level riding, symmetrical turning, balanced, dream machine. Known for its ability to carry speed, the Senate allows the skier to maintain width on the boat. This gives a sense of freedom sought after by those that ski in the course as well as those ripping open water turns. By taking our Vapor shape and adding two tenths of an inch in extra width we have created a stable riding platform. This platform creates the balance needed for a skier to feel at home, while the profile of the ski allows the skier to feel the speed and angle sought after at any level.



SENATE PRO

PMI foam is undoubtedly the lightest, most responsive foam on the market. We wrap that foam in Textreme spread tow carbon to make this all-new Senate the fastest, most aggressive Senate we've ever created. Now those skiing 32-34 MPH in the course truly have a racecar of a Senate to write home about.

Featuring

- PMI Core - Lightweight, high density, most response
- Textreme Carbon - Lighter, stronger composites
- CorFlex - Optimizing the flex in your ski's turning
- NFC Enabled - Information delivered simply
- Radar Lab Made

Size: 67" / 69"

LITHIUM SENATE

PVC creates energy in the build of the ski. Generally used in slalom course conditions and designed to perform between 30-34 MPH, the reaction time of our Lithium construction is instant. Any feedback you send to the ski will be immediately felt in the ride.

Featuring

- PVC Core - Tested and proven response
- Spread Tow Carbon - Lighter, stronger composites
- CorFlex - Optimizing the flex in your ski's turning
- NFC Enabled - Information delivered simply

Sizes: 65" / 67" / 69" / 71"

GRAPHITE SENATE

Our Graphite construction sits in the middle of the Senate range. A durable polyurethane core wrapped in carbon composites makes sure no turn is lost and only speed is gained, giving the skier more connection to the water. An absolute ripper in the course and on open water; this ski excels between 28-34 MPH.

Featuring

- Aero Core - Forgiving and consistent response
- 100% Carbon Fiber - Consistent flex every time
- CorFlex - Optimizing the flex in your ski's turning
- NFC Enabled - Information delivered simply

Sizes: 65" / 67" / 69" / 71"

ALLOY SENATE

Our most popular ski, the Alloy Senate utilizes a polyurethane core with paulownia wood stringers wrapped in carbon fiber. This beauty of a ski is stable but fast and an absolute blast to ride whether you're ripping open water turns or getting into some course action. Ski the Alloy Senate from 26-34 MPH and enjoy the ride.

Featuring

- All-Terrain Core - Most forgiving construction
- 100% Carbon Fiber - Consistent flex every time
- CorFlex - Optimizing the flex in your ski's turning
- NFC Enabled - Information delivered simply

Sizes: 65" / 67" / 69" / 71"



2019

LYRIC**COLLECTION**

Skiers have come to know that a Lyric is a lady's best friend. For 2019 we have added an all new Graphite Lyric and updated the shape. The Lyric is a level riding, auto-turning, smooth ski, designed to carry speed and make skiing effortless. By taking our Vapor and adding two tenths of an inch we are able to create a high-performance ski with more balance and support.

**GRAPHITE LYRIC**

New for 2019, we are introducing the Lyric in our Graphite construction. This gives those lady shredders looking for tighter turns and more speed behind the boat that extra edge. Ride the all new Graphite Lyric from 28-34 MPH for the optimum women's ski both in and out of the slalom course.

Featuring

- Aero Core - Forgiving and consistent response
- 100% Carbon Fiber - Consistent flex every time
- CorFlex - Optimizing the flex in your ski's turning
- NFC Enabled - Information delivered simply

Sizes: 65" / 67"

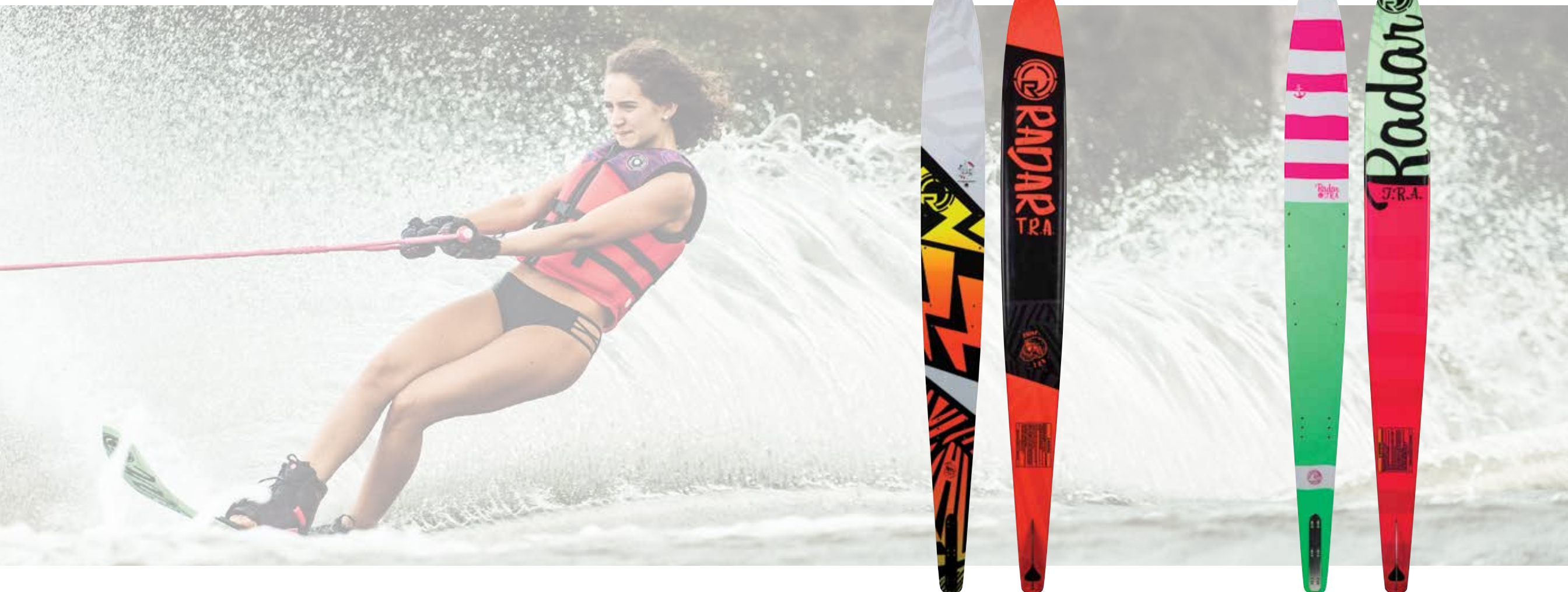
LYRIC

The Lyric is engineered specifically for the first lady of the water. We utilize a lighter weight carbon on the inside making the finished product softer and easier to turn. Ladies - rip on the Lyric between 26-34 MPH and have fun making effortless turns.

Featuring

- All-Terrain Core - Most forgiving construction
- 100% Carbon Fiber - Consistent flex every time
- CorFlex - Optimizing the flex in your ski's turning
- NFC Enabled - Information delivered simply

Sizes: 63" / 65" / 67"



2019

T . R . A .

C O L L E C T I O N

When it came time to design our kid's specific ski we wanted to make something that would have youngsters begging to ski more often! By utilizing our Senate shape with a kid's specific flex we've created a ski that is easy to turn and efficient through the wakes. In designing this way, we make it easy for juniors to progress at a rapid rate, leaving them with a smile on their face and the desire to ski every day.

BOY'S AND GIRL'S TOTAL RADAR AWESOMENESS

The T.R.A. has groms ripping open water and excelling through the slalom course. We're so stoked with the ski's popularity and how easy kids are making turns and crossing the wakes! Any young ripper is guaranteed to improve riding the new T.R.A. and it finds its groove at 20-34 MPH!

**Boy's
Featuring**

- All-Terrain Core - Most forgiving construction
- 100% Carbon Fiber - Consistent flex every time
- CorFlex - Optimizing the flex in your ski's turning
- NFC Enabled - Information delivered simply

Sizes: 63" / 65"

**Girl's
Featuring**

- All-Terrain Core - Most forgiving construction
- 100% Carbon Fiber - Consistent flex every time
- CorFlex - Optimizing the flex in your ski's turning
- NFC Enabled - Information delivered simply
- Scratch and Sniff

Sizes: 63" / 65"



2019

U N I O N

C O L L E C T I O N

An all new ski for 2019, the Union. It follows suit to our design methods by being four tenths of an inch wider than a Vapor. This extra width gives skiers the chance to feel ultimate balance while learning to ski at a higher level. We challenge you to find a ski that is more fun to ride in open water.

MEN'S AND WOMEN'S UNION

The Union is the undisputed favorite around the Radar Headquarters due to it's easy to ride ability without sacrificing any performance. Extra width allows you to ride the ski at slower speeds and improve at a rapid pace. This ski performs amazingly well between 24-32 MPH and will have you making endless turns on the lake all day long.

**Men's
Featuring**

- All-Terrain Core - Most forgiving construction
- 100% Carbon Fiber - Consistent flex every time
- NFC Enabled - Information delivered simply

Sizes: 65" / 67" / 69" / 71"

**Women's
Featuring**

- All-Terrain Core - Most forgiving construction
- 100% Carbon Fiber - Consistent flex every time
- NFC Enabled - Information delivered simply

Sizes: 65" / 67"



2019

BENT VEE

C O L L E C T I O N

The Bent Vee series has revolutionized open water skiing. Width under foot allows these skis to pop out of the water with ease. This width, combined with a flat channel and grip rails, allows a ski with more surface area to perform at an advanced level. Inside radius gives the ski the ability to make tight turns on both on and offside while the 100% carbon build is nimble on the water. Our Bent Vee collection will make you rethink what is possible from a higher volume ski.

KATANA

The Katana is an open water skier's dream with its low drag and easy turning characteristics. Rip this bad boy between 24-32 MPH for the best open water ski you can get!

Featuring

- All-Terrain Core - Most forgiving construction
- 100% Carbon Fiber - Consistent flex every time
- Grip Rails - Easier to hold an edge
- NFC Enabled - Information delivered simply

Sizes: 65" / 67" / 69"

MEN'S AND WOMEN'S BUTTER KNIFE

The Butter Knife side-cut and surface area were created to give stability. Effortless ups, light line tension and automatic turns make the Butter Knife the easiest ski you've ever ridden, ski it between 20-30 MPH.

**Men's
Featuring**

- All-Terrain Core - Most forgiving construction
- 100% Carbon Fiber - Consistent flex every time
- Grip Rails - Easier to hold an edge
- NFC Enabled - Information delivered simply

Sizes: 65" / 67" / 69" / 71"

**Women's
Featuring**

- All-Terrain Core - Most forgiving construction
- 100% Carbon Fiber - Consistent flex every time
- Grip Rails - Easier to hold an edge
- NFC Enabled - Information delivered simply

Sizes: 65" / 67"



2019

GRAVITON

TRICK SKI

In trick skiing, speed is the name of the game. We've worked hard to create a ski that moves from trick to trick faster than anything else on the market. The 2019 Graviton has one clean radius allowing the ski to carve smoother and roll on edge faster, leading to an always tight line. The new rocker profile, with a smaller flat spot, gives the ski the ability to edge quicker and pop off the wake better than ever. Combining this with Flex technology in the tip and tail allows the ski to flex in the correct areas, ultimately giving you a cleaner release off the wake every single time. Get tricky on the Radar Graviton.

GRAVITON

The Graviton packs a lot of punch into a small package. We've built the perfect ski for both hand and toe tricks by utilizing dual insert placement. This allows you to stand centered on your ski and makes it easy to edge continuously through the top of the wake. Our Graviton pops clean off the wake, lands soft and moves easily from one trick to another.

Featuring

- PVC Core - Tested and proven response
- Textreme Carbon - Lighter, stronger composites
- Flex Technology - Allowing the ski to flex where it should
- Radar Lab Made

Sizes: 41" / 42" / 43"



2019

F O O T W E A R**T E C H N O L O G Y**

Radar boot design has always been focused on improving your on-water experience through design, innovation and cutting-edge comfort. Over the past few years we have introduced partnerships with Boa and Carbitex that have allowed for an unprecedented connection between you and your ski. Designed by skiers, for skiers – slip into Radar boots and feel the difference.

**VAPOR**

The pinnacle of modern waterski footwear. Our Vapor boot ensures you have your ski's attention. Carbitex allows the boot to wrap around your foot, giving you an instant connection to the edge of your ski. Boa allows the lower portion of your boot to maintain a snug fit that in turn offers you more response. The final piece is the Intuition liner that is heat moldable to give you a custom fit only found in the Radar line.

VECTOR BOA

The industry's best-selling boot got an upgrade for 2019. We overhauled the Vector boot to give you a better, more reactive fit. The blueprint of the boot was slimmed to ease entry, reduce drag, and maximize performance. We fused our favorite material, Carbitex, to a lightweight mesh to give the boot ultimate connection to the ski while keeping a Boa reel over your forefoot to give you a perfect fit every time.

**VAPOR****Featuring**

- BOA Lacing System
- Carbitex CX6
- Dual Density Intuition Liner
- Celliant Lining
- Molded 3D Tongue
- Full Length Injected Orthotic Insole
- Pro-Fit Chassis

Sizes: 8 / 9 / 10 / 11 / 12 / 13-14

**PROFILE****Featuring**

- Wrap Tech Level 2
- Dual Density Liner
- Molded 3D Tongue
- Profile Chassis

Sizes: 5-6 / 7-8 / 9 / 10 / 11 / 12 / 13-14

**VECTOR BOA****Featuring**

- BOA Lacing System
- Carbitex CX6
- Wrap Tech Level 3
- Molded 3D Tongue
- Symmetrical Fit
- Feather Frame Chassis
- Available on Aluminum Plate

Sizes: Small / Standard / XL

**HRT LYRIC****Featuring**

- Wrap Tech Level 1
- Feather Frame Chassis
- Molded 3D Tongue
- Symmetrical Fit

Size: Small

**ARTP BOA****Featuring**

- BOA Lacing System
- Carbitex CX6
- Independent Floating Tongue
- Contoured Footbed
- Feather Frame Chassis
- Available on Aluminum Plate

Size: One Size Fits Most

**ARTP VECTOR****Featuring**

- Independent Floating Tongue
- Contoured Footbed
- Feather Frame Chassis

Size: One Size Fits Most

**VECTOR****Featuring**

- Wrap Tech Level 1
- Feather Frame Chassis
- Molded 3D Tongue
- Symmetrical Fit

Sizes: Small / Standard / XL

**LYRIC LTD****Featuring**

- Wrap Tech Level 1
- Feather Frame Chassis
- Molded 3D Tongue
- Symmetrical Fit
- Front Boot Only

Sizes: Small / Standard

**LYRIC****Featuring**

- Wrap Tech Level 1
- Feather Frame Chassis
- Molded 3D Tongue
- Symmetrical Fit

Sizes: Small / Standard

**ARTP****Featuring**

- Independent Floating Tongue
- Contoured Footbed
- Feather Frame Chassis

Size: One Size Fits Most

**ARTP LYRIC LTD****Featuring**

- Independent Floating Tongue
- Contoured Footbed
- Feather Frame Chassis

Size: One Size Fits Most

**ARTP LYRIC****Featuring**

- Independent Floating Tongue
- Contoured Footbed
- Feather Frame Chassis

Size: One Size Fits Most

**PRIME****Featuring**

- Feather Frame Chassis
- Symmetrical Fit
- Soft Density Footbed

Sizes: Small / Standard / XL

**HRT BOA****Featuring**

- BOA Lacing System
- Wrap Tech Level 2
- Carbitex CX6
- Feather Frame Chassis
- Molded 3D Tongue
- Symmetrical Fit
- STD Available on Aluminum Plate

Sizes: Standard / XL

**HRT VECTOR****Featuring**

- Wrap Tech Level 1
- Feather Frame Chassis
- Molded 3D Tongue
- Symmetrical Fit

Size: Standard

**RUBBER FITTED RTP****Featuring**

- Full Rubber
- EVA Footbed
- Aluminum Plate

Sizes: XS-S / M-L / XL-XXL

**GRAVITON TRICK RTP****Featuring**

- Full Rubber
- EVA Footbed
- Aluminum Plate

Sizes: XS-S / M-L / XL-XXL



DRIFTER LIMITED IMPACT VEST

Featuring

- Lightweight Foam
- Tailored Fit
- 4-Way Stretch
- PU Foil
- Fleece Lined
- Non-Coast Guard Approved

Sizes: XS / S / M / L / XL



DRIFTER IMPACT VEST

Featuring

- Lightweight Foam
- Tailored Fit
- 4-Way Stretch
- PU Foil
- Fleece Lined
- Non-Coast Guard Approved

Sizes: XS / S / M / L / XL



VAPOR IMPACT VEST

Featuring

- Celliant Liner
- Lightweight Zote Foam
- 4-Way Stretch
- Non-Coast Guard Approved

Sizes: XS / S / M / L / XL / XXL



LYRIC IMPACT VEST

Featuring

- Reversible
- Perforated Neoprene
- Lightweight Foam
- 4-Way Stretch
- Non-Coast Guard Approved

Sizes: XS / S / M / L



**BOY'S T.R.A. TEEN VEST****Featuring**

- Lightweight PVC Foam
- Tailored Fit
- 2-Way Stretch
- Water Resistant Liner
- Coast Guard Approved

Size: Teen - 75-125 Lbs.

**GIRL'S T.R.A. TEEN VEST****Featuring**

- Lightweight PVC Foam
- Tailored Fit
- 2-Way Stretch
- Water Resistant Liner
- Coast Guard Approved

Size: Teen - 75-125 Lbs.

**BOY'S T.R.A. YOUTH VEST****Featuring**

- Fleece Lined Neck and Arm Holes
- 2-Way Stretch
- Coast Guard Approved

Size: Youth - 50-90 Lbs.

**GIRL'S T.R.A. YOUTH VEST****Featuring**

- Fleece Lined Neck and Arm Holes
- 2-Way Stretch
- Coast Guard Approved

Size: Youth - 50-90 Lbs.

**BOY'S CHILD VEST****Featuring**

- Fleece Lined Neck and Arm Holes
- 2-Way Stretch
- Coast Guard Approved

Size: Child - 30-50 Lbs.

**GIRL'S CHILD VEST****Featuring**

- Fleece Lined Neck and Arm Holes
- 2-Way Stretch
- Coast Guard Approved

Size: Child - 30-50 Lbs.

**X-VEST 2.0****Featuring**

- Lightweight Zote Foam
- Tailored Fit
- 2-Way Stretch
- Water Resistant Liner
- Coast Guard Approved

Sizes: S / M / L / XL / XXL

**CAMEO VEST 2.0****Featuring**

- Lightweight PVC Foam
- Tailored Fit
- 2-Way Stretch
- Water Resistant Liner
- Coast Guard Approved

Sizes: S / M / L / XL

**ENCORE****Featuring**

- Water Resistant Liner
- 2-Way Stretch
- Over Sized Arm Holes
- Coast Guard Approved

Sizes: M / L / XL / XXL

**BOY'S TODDLER VEST****Featuring**

- Fleece Lined Neck and Arm Holes
- 2-Way Stretch
- Coast Guard Approved

Size: Toddler - Up To 30 Lbs.

**GIRL'S TODDLER VEST****Featuring**

- Fleece Lined Neck and Arm Holes
- 2-Way Stretch
- Coast Guard Approved

Size: Toddler - Up To 30 Lbs.



VAPOR BOA-K

Featuring

- Ariaprene
- BOA Closure System
- Inside Out Construction
- Double Gauge Thread
- Neoprene Stretch Zone
- Aramid Palm
- Pre-Curved Fingers

Size: XS / S / M / L / XL / XXL



VAPOR BOA-A

Featuring

- Ariaprene
- BOA Closure System
- Inside Out Construction
- Double Gauge Thread
- Neoprene Stretch Zone
- Amara Palm
- Pre-Curved Fingers

Size: XS / S / M / L / XL / XXL



ERGO-K

Featuring

- Power-Pull Closure System
- Inside Out Construction
- Double Wrist Straps
- Aramid and SuperFabric Palm
- Double Gauge Thread
- Neoprene Stretch Zone
- Pre-Curved Fingers

Size: S / M / L / XL / XXL



ERGO-A

Featuring

- Power-Pull Closure System
- Inside Out Construction
- Double Wrist Straps
- Amara and SuperFabric Palm
- Double Gauge Thread
- Neoprene Stretch Zone
- Pre-Curved Fingers

Size: S / M / L / XL / XXL



VICE

Featuring

- External Grip Dowel
- Inside Out Construction
- Double Gauge Thread
- Neoprene Stretch Zone
- Amara Palm
- Pre-Curved Fingers

Size: XS / S / M / L / XL / XXL



ATLAS

Featuring

- PU Foil Backhand
- Double Wrist Strap
- Inside Out Construction
- Double Gauge Thread
- Amara Palm
- Pre-Curved Fingers

Size: XS / S / M / L / XL / XXL



LYRIC

Featuring

- Power-Pull Closure System
- Inside Out Construction
- Double Gauge Thread
- Neoprene Stretch Zone
- Amara Palm
- Pre-Curved Fingers
- Convert to Fingerless

Size: XXS / XS / S / M / L



TOTAL RADAR AWESOMENESS

Featuring

- Power-Pull Closure System
- Inside Out Construction
- Double Gauge Thread
- Neoprene Stretch Zone
- Amara Palm
- Pre-Curved Fingers
- Convert to Fingerless

Size: K-S / K-M / K-L



VOYAGE

Featuring

- Double Gauge Thread
- Padded Suede Palm
- Pre-Curved Fingers
- Double Layered Palm

Size: S / M / L / XL / XXL

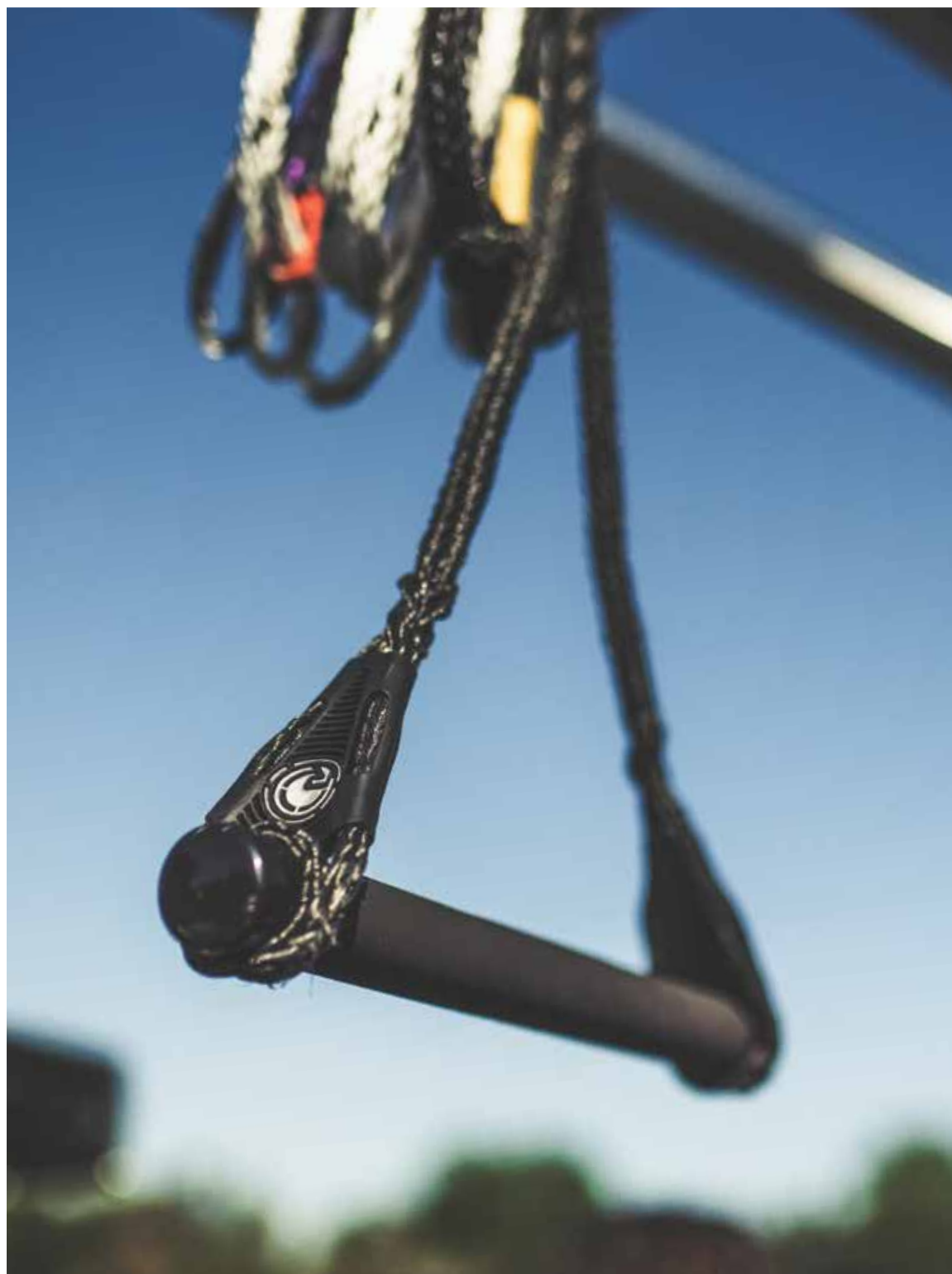


PALM PROTECTORS

Featuring

- Neoprene Construction
- Split Finger Entry
- Fits Under Gloves

Size: One Size Fits Most



VAPOR CUSTOM BARLOCK HANDLE

Featuring

- 12" Length - Black/White
- 13" Length - Black/Silver
- Three Diameters- .940", 1.062", 1.10"
- Arc Bar - 13" x 1.062 - Black/White
- Pre-Stretched
- BarLock Rubberized End Cap



VAPOR MAINLINE

Featuring

- 80 Strand Double Woven Fiber
- Pre-Stretched
- 9 Sections
- Color Coded Sections
- Easy Slide Shortening Loops



CONTROL PACKAGE

Featuring

- 13" Length
- Straight Bar - Blue/White
- Arc Bar - Red/White
- Elliptical Bar - Black/Yellow
- Full Length End Caps
- 64 Strand, 8 Section Mainline
- Pre-Stretched



KNEEBOARD / FREERIDE PACKAGE

Featuring

- 14" Suede Handle
- 6" Finger Protectors
- Foam Floats
- Vinyl Sleeves
- 5 Section Mainline



VAPOR CUSTOM HANDLE

Featuring

- 12" Length - White/Blue
- 13" Length - Black/Red
- Two Diameters- .940", 1.062"
- Pre-Stretched



CONTROL BARLOCK HANDLE

Featuring

- 13" Length
- Straight Bar - Blue/White
- Arc Bar - Red/White
- Elliptical Bar - Black/Yellow
- 1" Diameter
- Double Braided Yoke
- Full Length End Caps
- Pre-Stretched



SURE GRIP PACKAGE

Featuring

- 13" Handle with 70' Mainline
- Tacky TPR Grip
- 6" Finger Protectors
- Foam Floats
- Vinyl Sleeves
- 5 Section Package - Red/White
- 8 Section Package - Silver/White



GLOBAL SUEDE PACKAGE

Featuring

- 13" Suede Handle
- 75' Mainline
- 6" Finger Protectors



WOMEN'S VAPOR CUSTOM HANDLE

Featuring

- 12" Length - Pink
- 1" Diameter
- Pre-Stretched



CONTROL MAINLINE

Featuring

- 80 Strand Fiber
- Pre-Stretched
- 8 or 10 Sections
- Color Coded Sections
- Simple Cinch Shortening Loops



DEEP-V SUEDE HANDLE

Featuring

- 15" Deep-V Suede Handle
- 4' V-Bridge
- Vinyl Covered Rope
- 6" Finger Protectors
- Foam Floats
- Available with 5 Section Mainline



GLOBAL PACKAGE

Featuring

- 12" Rubber Handle
- 75' Mainline





@hyunsagcho83



@gnarlybrahh



@shanetmole



@peaceloveandwaterskiing



@amelia_k_thomas



@schu_ltzyyy



@mirandaskischool



@slalomdds



@jakobbogne



@genzo_ph



@jamiecalhoun_7

You are #radarnation. You are the reason we're here and the reason we're the number one selling ski in the market today. Collectively we're just a bunch of fun having, spray makers trying to find a sheet of glass somewhere. Get out there, explore, shred and spread the word about Radar. Keep tagging your posts #radarnation and download the Radar Nation App to grow the community.



@duncanadu



@deanna76



@guillermobargu



@sirbenjamin28





2 0 1 9

COMBO

COLLECTION

Combo skiing is the cornerstone to a future of enjoyment behind the boat. Making it easy for someone to learn how to ski is the key to them having fun and wanting to come back for more. Our collection of combo skis ensures anyone wanting to strap on a pair of skis and learn how to rip has a blast from the first time they drop into the water.

X-CALIBER

Surface area is buoyancy. Buoyancy is your friend. The X-Caliber combos are designed with high-end tech for the most efficient sidecut found in two skis. The additional surface area under foot adds stability and keeps the skis riding.

Featuring

- Molded EVA Cruise Boot
- Wide Profile Sidecut
- Trainer Bar Included with 59" Pair

Sizes: 59" / 67"

ORIGIN

The Origin combos are made to get you up and on top of the water efficiently, in the most traditional manner. The narrower profile makes them nimble once on top. Sliding adjustable horseshoe bindings complete the package.

Featuring

- Horseshoe Bindings
- Progressive Profile Sidecut
- Training Bar Included with 59" Pair

Sizes: 59" / 67"

FIREBOLT

The Firebolts are a scaled version of the X-Calibers, taking advantage of everything we expect from the skis designed for big kids behind the boat. A detachable stabilizer bar helps maintain proper ski spacing, improving balance and control while learning. Adjustable horseshoe bindings and a specially designed training rope with two handles (one for child and the other for the boat) complete the set.

Featuring

- Color Me Marker Pack
- Trainer Bar
- Rope and Handle

Size: 46"



2019

KNEEBOARD

COLLECTION

The Kneeboard, the summer classic that will never go out of style. We make three kneeboards that will be sure to handle anything you throw at them. From the compression molded, wake jumping, sharp turning monster that is the Denunzio, to the fun and playful Hawk and Magic Carpet, you'll be stoked when you get done riding one of these boards.

DENUNZIO

No other board on the water today turns and cuts as easy as the Denunzio. With maximum width through the body of the sidecut, the Denunzio also has a low drag coefficient and launches off the wake. The state of the art pad has knee wells and high angled footwalls that hold you in place under the strap like never before.

Featuring

- Aero Core
- Carbon Laminates
- EVA Pad
- Dual Locking Strap

Size: One Size Fits Most

HAWK

A narrowed tip profile and 3.2" swallowtail define the easy edging slalom style Hawk. Removing surface area from the tip allows the board to roll and hold on edge and the swallowtail speeds up turns and increases holding power. The retractable fins can give you the utmost grip when dropped down or loosen up the board when hidden.

Featuring

- Durable Roto Shell
- Recessed Pad
- Single Locking Strap

Size: One Size Fits Most

MAGIC CARPET

Our new modern kneeboard shape has a recessed EVA foam pad and single handle hook for the little ones to climb aboard. The design has increased surface area further forward for stability and more pronounced molded in fins make it easy to ride.

Featuring

- Durable Roto Shell
- Recessed Pad
- Single Locking Strap

Size: One Size Fits Most



2 0 1 9

THIRTY30

COLLECTION

Fun on the water doesn't always mean one foot in front of the other. Take a stroll on the other side of the tracks and try out the Thirty30 collection, designed for goofing off and enjoying days on the lake. The Three60 isn't the disc your parents used to ride, it's soft topped, foam cored and plastic bottomed to give you more speed and a better ride! The Fifty50 is a surfboard shaped rip stick; whether you're shredding behind the boat, in the pool or on the waves, you'll be smiling ear to ear.

FIFTY50

A water toy like no other, the Fifty50 is the ultimate utility ride. It can be utilized behind the boat to surf or you can let the rope out and carve around, jump the wake or ride it on your knees. When you're done with the boat for the day, use it in the shallows for goofing off and catching rollers, or take it to the pool and see who can skim the furthest. Stand sideways and rip this summer on the Fifty50.

Featuring

- Textured EVA Soft Top
- Wood Stringer
- Tri Fin Setup

Size: 4'6"

THREE60

This 42" circle of fun will keep you entertained for hours on the water. Our plastic base allows it to carry speed like no other and its foam core gives it loads of stability. Throw the kids on the Three60 this summer and they'll keep themselves busy all day.

Featuring

- Textured EVA Soft Top
- Wood Stringer
- Spoon-O-Vation For Speed

Size: 42"



2019

S U P

C O L L E C T I O N

There's something serene about a quiet paddle on a calm morning. Our SUP range is uniquely built for whatever you want to do on the water. The Scepter features a traditional shape and is a perfect combination of balance and speed. The Cadences are our soft topped beauties perfect for the whole family and we round out the SUP line with the inflatable Zephyr, which is ideal for those on the go. Paddle on!

SCEPTER

The Scepter continues our tradition of being the easiest board you could ever ride. The base shape and rocker line are wide and smooth for balance and speed. Light weight, fast, and maneuverable; it's everything you ever needed in an SUP.

Featuring

- Round Rails
- Oversized Top Deck
- Padded Bag

Sizes: 11' / 12'

ZEPHYR

The advantage of an Inflatable Sup is the ease of transport. Inflate and deflate on demand and store in the smallest of trunks. Hike in to a remote location, take it on vacation or store away easily. Our Zephyr is ready for any adventure you throw at it.

Featuring

- Military Grade Shell
- Premium EVA Deck Pad
- Stainless D-rings
- Backpack, Paddle, Pump and Patch Kit

Size: 10'6"

CADENCE

Entry into the sport of SUP does not have to bust the budget or be on a board with compromised performance. The Cadence has an epoxy resin bottom for durability and added rigidity. The dual stringer system and 3-dimensional machined top shape make this the best paddling soft top on the water.

Featuring

- Dual Stringer System
- 3D Machined Top
- Epoxy Resin Base
- Dual Density EVA Pad
- Adjustable Aluminum Paddle

Size: 11'3"



CHASE 3

Featuring

- Spoon-O-Vation
- Neoprene Seat Padding
- Two Tow Points
- POV Camera Mount
- Neoprene Knuckle Guards
- 840 Denier Nylon Cover
- 30 Gauge PVC Bladder
- 2 Cup Holders

Size: 3 Riders / 80" x 80"



AFTER BURNER

Featuring

- Tapered Design
- Marshmallow Soft Top
- 840 Denier Nylon Cover
- 30 Gauge PVC Bladder
- Side Bolsters

Size: 3 Riders / 70" x 64"



CHASE 2

Featuring

- Spoon-O-Vation
- Neoprene Seat Padding
- Two Tow Points
- POV Camera Mount
- Neoprene Knuckle Guards
- 420 Denier Nylon Cover
- 30 Gauge PVC Bladder
- 2 Cup Holders

Size: 2 Riders / 66" x 64"



CHASE 4

Featuring

- Spoon-O-Vation
- Neoprene Seat Padding
- POV Camera Mount
- Neoprene Knuckle Guards
- 840 Denier Nylon Cover
- 30 Gauge PVC Bladder
- 3 Cup Holders

Size: 4 Riders / 96" x 85"



ORION

Featuring

- Spoon-O-Vation
- Marshmallow Soft Top
- 840 Denier Nylon Cover
- 30 Gauge PVC Bladder

Size: 3 Riders / 60" Round



ASTRO

Featuring

- Spoon-O-Vation
- Marshmallow Soft Top
- 420 Denier Nylon Cover
- 30 Gauge PVC Bladder
- Side Bolsters

Size: 2 Riders / 51" x 60"



LIFTOFF

Featuring

- Spoon-O-Vation
- Marshmallow Soft Top
- 840 Denier Nylon Cover
- 30 Gauge PVC Bladder
- Side Bolsters

Size: 3 Riders / 65" x 68"

**EDGE 2****Featuring**

- Spoon-O-Vation
- Marshmallow Soft Top
- 420 Denier Nylon Cover
- 30 Gauge PVC Bladder
- Side Bolsters

Size: 2 Riders / 58" x 62"

**VORTEX****Featuring**

- Neoprene Knuckle Guards
- 420 Denier Nylon Cover
- 30 Gauge PVC Bladder

Size: 1 Rider / 48" Round

**EDGE 3****Featuring**

- Spoon-O-Vation
- Marshmallow Soft Top
- 840 Denier Nylon Cover
- 30 Gauge PVC Bladder
- Side Bolsters

Size: 3 Riders / 64" x 62"

**UFO****Featuring**

- Spoon-O-Vation
- Neoprene Knuckle Guards
- Inflatable Seat Cushion
- 420 Denier Nylon Cover
- 30 Gauge PVC Bladder

Size: 2 Riders / 64" Round

**TEACUP****Featuring**

- Spoon-O-Vation
- Neoprene Knuckle Guards
- POV Camera Mount
- Inflatable Seat Cushion
- Neoprene Seat Padding
- 840 Denier Nylon Cover
- 30 Gauge PVC Bladder

Size: 3 Riders / 79" x 92"

**GALAXY****Featuring**

- Spoon-O-Vation
- Neoprene Elbow and Knee Padding
- Two Tow Points
- Neoprene Knuckle Guards
- 840 Denier Nylon Cover
- 30 Gauge PVC Bladder
- Side Bolsters

Size: 4 Riders / 120" x 130"

**2.3K TUBE ROPE****Featuring**

- 60 Feet
- Rated to 2375 Lbs.
- For Towing Two Riders or 340 Lbs.
- Neoprene Float
- Assorted Colors

**4.1K TUBE ROPE****Featuring**

- 60 Feet
- Rated to 4100 Lbs.
- For Towing Four Riders or 680 Lbs.
- Neoprene Float
- Assorted Colors

**6K TUBE ROPE****Featuring**

- 60 Feet
- Rated to 6000 Lbs.
- For Towing Six Riders or 1020 Lbs.
- Neoprene Float
- Assorted Colors

**FOOT PUMP****Featuring**

- Interchangeable Adapters
- Anti-Kink House

**DUAL ACTION HAND PUMP****Featuring**

- Continuous Air Flow
- Interchangeable Adapters
- Anti-Kink House

**12 V ELECTRIC PUMP****Featuring**

- High Volume Air Flow
- Interchangeable Adapters
- Runs on 12V Power

**2.5 PSI HIGH PRESSURE PUMP****Featuring**

- Direct Battery Connection
- Alligator Clip Connector
- High Volume Air Flow
- Interchangeable Adapters

**2.7 PSI HIGH PRESSURE PUMP****Featuring**

- 110V/240V
- Interchangeable Adapters
- High Volume Air Flow

**15 PSI DROP STITCH PUMP****Featuring**

- 12V Power
- Alligator Clip Battery Adapter
- Anti-Kink Hose

REEF LOUNGE**Featuring**

- 26 Gauge PVC
- Cup Holders
- Sandbag Anchor
- Zippers to Connect Cloud and Base Station

Size: 4 People / 95" x 95"

**CLOUD****Featuring**

- Soft Flock Ink Material
- 26 Gauge PVC
- Zippers to Connect Reef and Base Station

Size: 5' x 10'

**BASE STATION****Featuring**

- Drop Stitch Construction
- Zippers to Connect Reef and Cloud
- D-Rings for Anchoring

Size: 5' x 10'

**CLOUD-REEF-BASE STATION CONFIGURATIONS**

Modular design for multiple constructions. Connect as many as you want!





APPAREL

1. BRANDED POCKET TEE

Black
Sizes: S / M / L / XL / XXL

2. KOOZIE

Reversible

3. BILLY BASS BUCKET HAT

Grey
Size: One Size Fits Most

4. PADDLER'S SUN HAT

Dark Tan
Size: One Size Fits Most

5. RAMBLER HYBRID SHORTS

Heather Grey
Sizes: 30 / 32 / 33 / 34 / 36

6. BOAT BLANKET

Heather Grey
Size: 58" x 84"

7. UV SOLAR BARRIER HOODIE

Light Grey
Sizes: S / M / L / XL / XXL

8. AUTHENTIC SNAPBACK

Black / Mesh
Size: Adjustable

9. SLASH TEE

White
Sizes: S / M / L / XL / XXL

10. WAYFARER WINDBREAKER

Black
Sizes: S / M / L / XL / XXL

11. SPRAY LEG

Black
Sizes: S / M / L

12. FREEDOM NEO TOP

Black
Sizes: S / M / L / XL / XXL

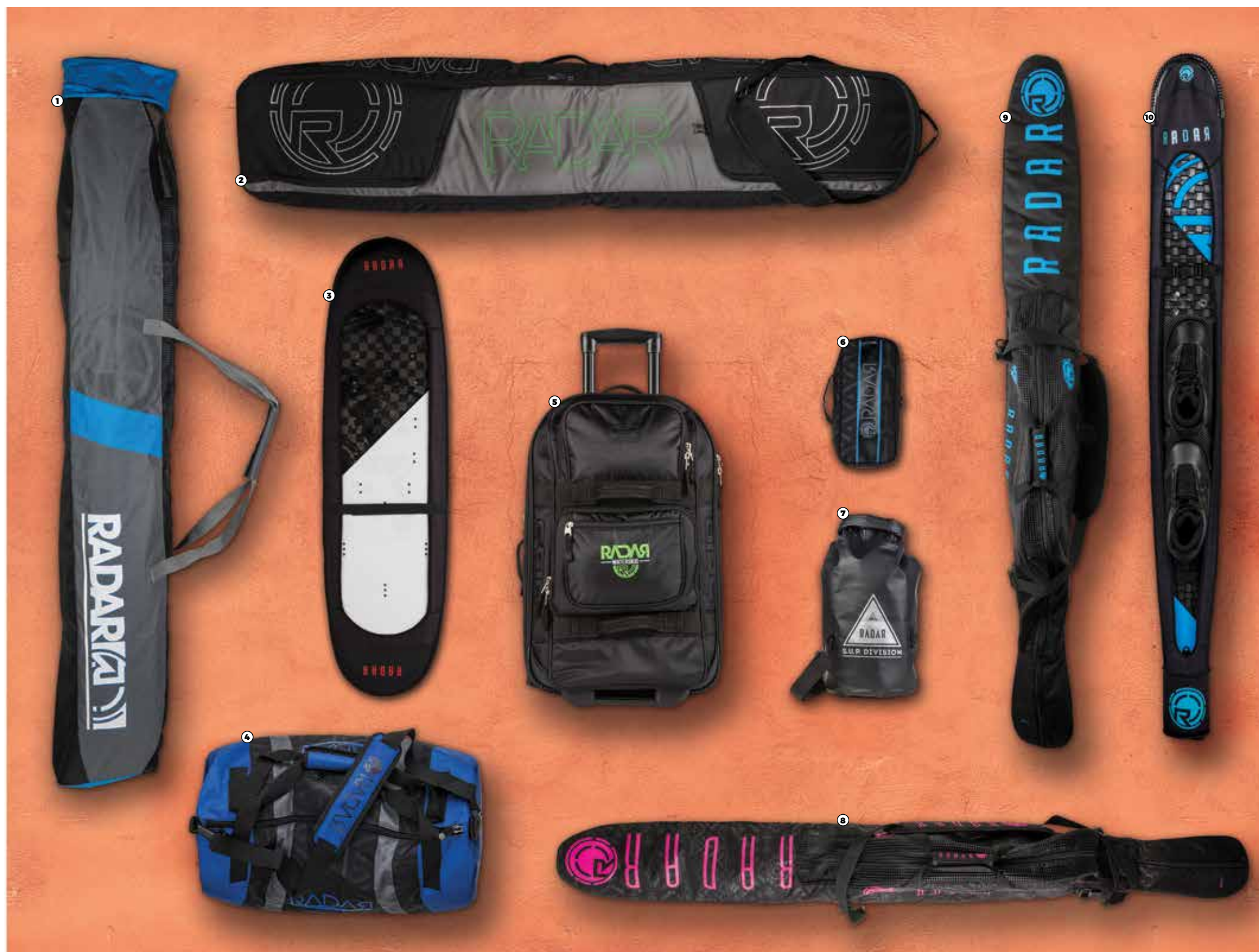
13. LYRIC TANK

Heather Blue
Sizes: S / M / L

14. RADAR CREW SOCKS

White / Black / Heather Grey
Size: One Size Fits Most





BAGS

1. UNPADDED GEAR BAG

Grey / Blue

- Top Entry Zipper
- Oversized Storage
- 71" Length

2. TEAM WHEELIE BAG

Black

- Heavy Duty Wheels
- Full Padded
- Oversized Pockets
- 71" Length

3. TRICK NEO SLEEVE

Black / Red

- Neoprene Padding
- One Size Fits Most

4. DUFFLE BAG

Black / Blue

- Top Zipper
- Shoulder Strap
- Woven Handle

5. OGIO LAYOVER TRAVEL BAG

Black

- Carry On Size
- Urethane Wheels
- Oversized Main Compartment
- 22" H x 14" W x 10" D

6. LOADED TOOL KIT

Black

- 8" Calipers
- Wing Angle Gauges
- Allen Wrench
- Bag Also Sold Individually

7. 20L DRY BAG

Black

- Water Resistant
- Shoulder Strap

8. WOMEN'S PADDED SLALOM BAG

Black / Pink

- Top Entry Zipper
- Oversized Boot Zone
- Breathable Mesh
- 63-67

9. MEN'S PADDED SLALOM BAG

Black / Blue

- Top Entry Zipper
- Oversized Boot Zone
- Breathable Mesh
- 63-67, 68-71

10. SLALOM NEO SLEEVE

Blue / Black

- Fin Protector
- Neoprene Padding
- One Size Fits Most

ACCESSORIES

1. **AIR SOFA**
GP Yellow
• Cup Holder
• Storage Pouch
2. **DISTANCE TOURING FIN**
Black
• Longer Rake Design
• Narrow Blade With Deep Tail
3. **FLOW ADJUSTABLE PADDLE**
Black
• Aluminum Shaft
• Glass Filled Nylon Blade
• Adjustable from 5'8" to 6'11"
4. **SUP ROOF RACKS**
Black
• 2" Box Stitched Webbing
• 1000 Lb. Buckle Strength
• Fits Most Vehicles
5. **TRAILER BOAT GUIDES**
Black / Silver
• 3' Length
6. **BOAT TOW HARNESS**
Silver
• Heavy Duty Carabiners
• 1" Nylon Webbing
7. **BUNGEE DOCK TIE**
Black
• Quick Clip
• Neoprene Float
• Adjustable from 3' to 6'
8. **DOG COLLAR**
Black / Blue / Red
• Fits 12.5" to 18.5"
• Assorted Colors
9. **CARBON / G10 SEQUENCE PLATE**
Carbon
• Micro-Adjustable
10. **SKIER DOWN FLAG**
Orange
• Padded Handle
• Embossed Flag
11. **MOTOR BOX PROTECTOR / ROPE HOLDER**
Black
• 3' Length
12. **DOG LEASH**
Black / Blue / Red
• 5' Long
• Bungee Section
• Assorted Colors
13. **DOG VEST**
Black / Blue / Red
• Assorted Colors
• Sizes: XXXS / XXS / XS





RADAR LAB

Sitting at the foothills of Radar Lake is the Radar Lab. Our boutique operation allows us to hand craft the finest skis on the market. It is here that we are inspired to progress, here that we brainstorm on innovation. The house that Herb built is alive and well, prospering amongst the trees. The Radar Lab is where every product is put through the paces. We use the highest quality performance materials in every product we make to ensure that you are getting the best product time and time again.





1. **PMI Foam** is the industry leading core with its lightweight, reactive qualities. More speed and instant connection is how that translates on the water.



2. **PVC** has been an industry staple for well over a decade. It is trusted and proven as a core because of its long-lasting strength and quick response.

3. **AeroCore** is our exclusive formulation of polyurethane foam. With an amazingly high strength-to-weight ratio these skis sit deeper in the water for a forgiving, consistent ride.



4. Our **All-Terrain Core** is the most forgiving construction we offer. A polyurethane core with paulownia wood stringers allows the ski to cross the wakes with ease.



5. **Textreme** is a manufacturer of spread tow carbon which allows us to reduce weight and increase strength. It most importantly provides us a more consistent flexing and durable ski.



6. **Innegra** is a dampening fiber that reduces vibration and increases strength. Innegra is woven into the Textreme to improve the performance and durability of the ski.

7. **Sigmatex** is an industry leader in the carbon fiber world. Their looming process is computer controlled giving them the ability to use ultra-high modulus carbons with complete precision.



8. Putting Technology in the ski. An **NFC Chip** allows the consumer to get more information about the ski with just a touch of their phone.





SKI DESIGN

VAPOR SHAPE

CorFlex
The addition of corrugated contours through the tip of the ski allows it to flex when loaded at the finish of the turn. The ski is easier to turn, quicker to accelerate, and creates space more efficiently before the buoy with the addition of CorFlex.

Tip Rocker
Starting the tip rocker directly at the end of the flat spot gives the ski more fluidity and makes the transition from turning to pulling seamless. More rocker in the tip helps the finish of the turn happen more quickly and with more stability.

Flat Spot
The flat spot is your balance point, by making this point right at the toes of your front foot you get a balanced place to stand at every single turn. This balance allows you to stand with confidence and make symmetrical turns on both sides of the course.

Straight Lines
Our unique straight lines allow the ski to be the fastest on the market. The lack of outside radius decreases drag and lets the ski flow with ease from side to side. In turn you're getting more cross course speed than any other ski on the market.

Rocker
Rocker defines the pivot point on a ski; for 2019 we've moved that contact point closer to the ball of your front foot, which helps the ski pivot easier. The tight radius quick turns are then balanced with our new tail rocker lines that add tail support off the buoy, giving you the ability to build more speed from a wider point.

SENATE / LYRIC / T.R.A. SHAPE

CorFlex
The addition of corrugated contours through the tip of the ski allows it to flex when loaded at the finish of the turn. The ski is easier to turn, quicker to accelerate, and creates space more efficiently before the buoy with the addition of CorFlex.

Tip Rocker
Starting the tip rocker directly at the end of the flat spot gives the ski more fluidity and makes the transition from turning to pulling seamless. More rocker in the tip helps the finish of the turn happen more quickly and with more stability.

Flat Spot
The flat spot is your balance point, by making this point right at the toes of your front foot you get a balanced place to stand at every single turn. This balance allows you to stand with confidence and make symmetrical turns on both sides of the course.

Straight Lines
Our unique straight lines allow the ski to be the fastest on the market. The lack of outside radius decreases drag and lets the ski flow with ease from side to side. In turn you're getting more cross course speed than any other ski on the market.

Rocker
Rocker defines the pivot point on a ski; for 2019 we've moved that contact point closer to the ball of your front foot, which helps the ski pivot easier. The tight radius quick turns are then balanced with our new tail rocker lines that add tail support off the buoy, giving you the ability to build more speed from a wider point.

UNION SHAPE

Tip Rocker
Starting the tip rocker directly at the end of the flat spot gives the ski more fluidity and makes the transition from turning to pulling seamless. More rocker in the tip helps the finish of the turn happen more quickly and with more stability.

Flat Spot
The flat spot is your balance point, by making this point right at the toes of your front foot you get a balanced place to stand at every single turn. This balance allows you to stand with confidence and make symmetrical turns on both sides of the course.

Straight Lines
Our unique straight lines allow the ski to be the fastest on the market. The lack of outside radius decreases drag and lets the ski flow with ease from side to side. In turn you're getting more cross course speed than any ski on the market.

Rocker
Rocker defines the pivot point on a ski; for 2019 we've moved that contact point closer to the ball of your front foot, which helps the ski pivot easier. The tight radius quick turns are then balanced with our new tail rocker lines that add tail support off the buoy, giving you the ability to build more speed from a wider point.

BENT VEE SHAPE

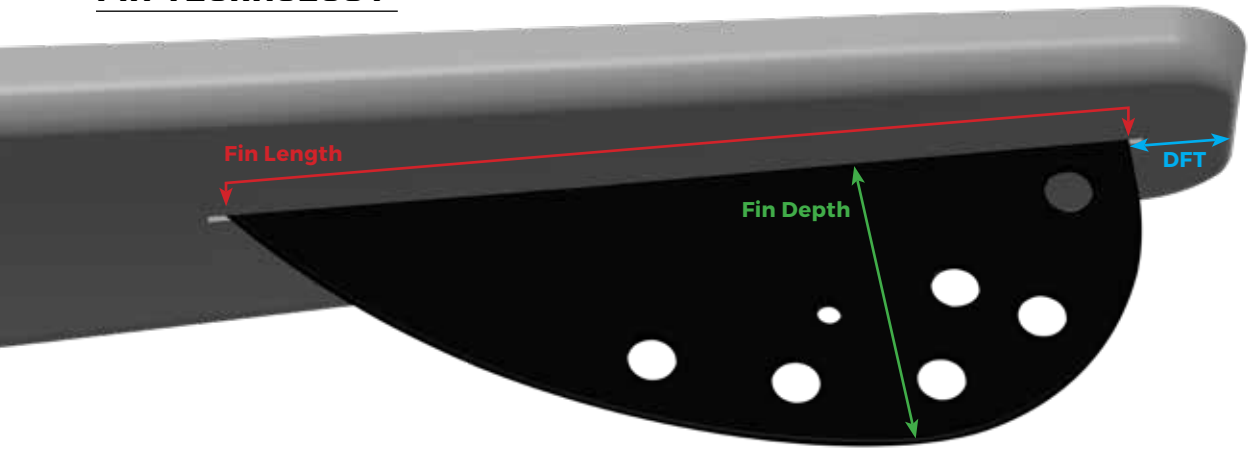
Level Spine
The Bent Vee collection was built with a flat spine directly down the center of the ski. This allows water to flow cleanly down the center, reducing drag and making it possible to make endless turns without tiring out.

Flat Spot
The ski sports an oversized flat spot which allows the ski to auto level itself. Skiers of any ability level can hop on a Bent Vee ski and feel instantly at home due to its ability to ride level in the water.

Inside Radius
The inside radius built into the ski allows the ski to turn naturally and level on both sides. This unique characteristic has been the defining difference that gives skiers ultimate freedom when making turns up and down the lake.

Rocker
Rocker defines the pivot point on a ski; for 2019 we've moved that contact point closer to the ball of your front foot, which helps the ski pivot easier. The tight radius quick turns are then balanced with our new tail rocker lines that add tail support off the buoy, giving you the ability to build more speed from a wider point.

FIN TECHNOLOGY



Fin Length

Fin length controls two things. First, it changes the tip attitude of the ski. By adding length, the ski will be more level in the turn and by taking away length, the tip height of the ski will be raised. Secondly, modifying fin length changes the surface area of the total fin. By adding length, the total fin surface area is increased and gives the fin more holding power. This gives the ski the ability to hold angle behind the boat. Reducing length decreases overall surface area and makes the ski more agile.

Fin Depth

Fin depth is equivalent to the keel on a sailboat. Increasing fin depth will make the ski feel more stable but harder to roll on edge. This can lead to more balance but rounder, more drawn out turns. Conversely, reducing fin depth allows the ski to roll over easier and complete smaller radius turns but loses its ability to hold direction behind the boat.

DFT

DFT or "Distance From Tail" controls both the tip attitude of the ski and the ability of the tail of the ski to slide outward through the turn. If DFT is increased (fin forward), the tip of the ski will ride lower everywhere while at the same time the tail of the ski will rotate through the turn more. Reducing DFT (fin back) will raise the tip of the ski everywhere and can make the pre-turn feel more predictable.

VAPOR SETTINGS

Our baseline settings are the "Long and Shallow" numbers. This is where we recommend most people start with their fin. Long and shallow settings give the skier a sense of freedom and allow the ski to carve more freely and carry direction with ease. The alternate "Deep and Short" settings give the skier more input and allow the ski to be more nimble and maneuverable. Many have found success on both sets of numbers so don't be afraid to rip with either.

Long And Shallow

Ski Size	Boot Placement	Fin Length	Fin Depth	DFT	Wing Angle
63.5"	28 5/8"	6.975"	2.450"	.750"	9°
65"	29 1/8"	6.975"	2.450"	.755"	9°
66"	29 5/8"	6.975"	2.450"	.760"	9°
67"	30 1/8"	6.975"	2.450"	.765"	9°
68"	30 5/8"	6.975"	2.450"	.770"	9°
69.5"	31 1/8"	6.975"	2.450"	.775"	9°

Deep And Short

Ski Size	Boot Placement	Fin Length	Fin Depth	DFT	Wing Angle
63.5"	28 1/2"	6.840"	2.510"	.760"	9°
65"	29"	6.840"	2.510"	.765"	9°
66"	29 1/2"	6.840"	2.510"	.770"	9°
67"	30"	6.840"	2.510"	.775"	9°
68"	30 1/2"	6.840"	2.510"	.780"	9°
69.5"	31"	6.840"	2.510"	.785"	9°

SENATE SETTINGS

Ski Size	Boot Placement	Fin Length	Fin Depth	DFT	Wing Angle
65"	29 1/2"	6.965"	2.460"	.770"	9°
67"	30 1/2"	6.960"	2.465"	.775"	9°
69"	31 1/2"	6.960"	2.465"	.780"	9°
71"	32 1/2"	6.955"	2.470"	.785"	9°

*These settings may change as the year progresses. Go to [Radarski.com/finsettings](https://www.radarski.com/finsettings) to find the most up to date settings.



1. The **Pro-Fit Chassis** is an asymmetrical race-ready fit designed to secure the foot into a solid position, creating a seamless connection to the ski.



2. The **Profile Chassis** is reinforced with a 3D contoured baseplate with an integrated arch support. It also boasts a micro-adjustability built into the chassis.



3. The **Feather-Frame Chassis** stands on a pedestal as the only boot system to completely integrate the mounting system, baseplate and outer shell into a single component.



4. **Carbitex** is a carbon fiber textile material that is more reactive than any material on the market. This reactivity translates into an unparalleled connection to the ski.



5. The **Boa** integration into the boots offers an instant response found only in the Radar line. Transform your experience through a fast, customizable, and comfortable fit.

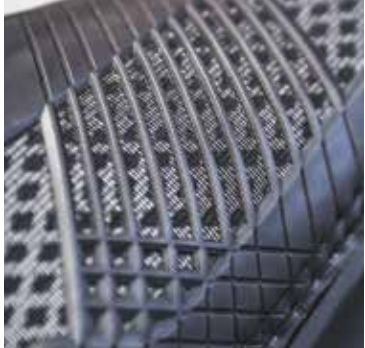
6. **Celliant** is a proprietary blend of minerals embedded into polyester fiber that absorbs and re-emits energy back into the user. Ski longer and with less fatigue thanks to Celliant technology.














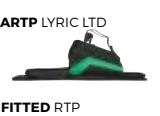





7. Our exclusive partnership with **Intuition** gives you a heat-moldable, lightweight, pre-formed fit. Intuition foam ensures you have a perfect fitting liner for ultimate performance.



8. **Wrap Tech** fuses the external skeleton of the boot to the base textile layer which gives the boot the ability to conform to the shape of your foot, in turn giving you more response.












BOOT LINE OVERVIEW

	SIZE US UK EU	SKI MOUNTING	FOOTBED SHAPE	RESPONSE
VAPOR 	8-14 7-13 41-48	Aluminum Plate	Narrow Width	9
PROFILE 	5-14 4-13 37-48	Aluminum Plate	Wide Width	8
VECTOR BOA 	SM: 5-8 4-7 37-41 STD: 7-11 6-10 40-45 XL: 10-14 9-13 42-48	Feather Frame Aluminum Plate	Medium Width	8
VECTOR 	SM: 5-8 4-7 37-41 STD: 7-11 6-10 40-45 XL: 10-14 9-13 42-48	Feather Frame	Medium Width	7
LYRIC LTD 	W-SM: 6-9 4-7 37-41 W-STD: 8-12 6-10 40-45	Feather Frame	Medium Width	6
LYRIC 				
PRIME 	SM: 5-8 4-7 37-41 STD: 7-11 6-10 40-45 XL: 10-14 9-13 42-48	Feather Frame	Medium Width	5
HRT BOA 	STD: 7-11 6-10 40-45 XL: 10-14 9-13 42-48	Feather Frame -STD/XL Aluminum Plate-STD	Medium Width	4
HRT VECTOR 	STD: 7-11 6-10 40-45	Feather Frame	Medium Width	4
HRT LYRIC 	W-SM: 6-9 4-7 37-41	Feather Frame	Medium Width	4
ARTP BOA 	Universal Size	Feather Frame Aluminum Plate	Medium Width	3
ARTP VECTOR 	Universal Size	Feather Frame	Medium Width	3
ARTP 	Universal Size	Feather Frame	Medium Width	3
ARTP LYRIC LTD 	Universal Size	Feather Frame	Medium Width	3
ARTP LYRIC 				
FITTED RTP 	XS/S: 4-7 M/L: 7-10 XL/XXL: 10-13	Aluminum Plate	Medium Width	2
TRICK RTP 				

SKI LINE OVERVIEW

	SIZE	SURFACE AREA	MAX WIDTH	SUGGESTED MAX SPEED	TERRAIN	RECOMMENDED WEIGHT
VAPOR PROBUILD	63.5"	336.21 SQ"	6.73"	36 MPH	COURSE	85-120 LBS / 38-54 KG
	65"	344.15 SQ"	6.73"	36 MPH	COURSE	110-145 LBS / 49-65 KG
	66"	354.08 SQ"	6.84"	36 MPH	COURSE	125-180 LBS / 56-81 KG
	67"	365.66 SQ"	6.94"	36 MPH	COURSE	160-200 LBS / 73-91 KG
	68"	376.65 SQ"	7.05"	36 MPH	COURSE	180-220 LBS / 82-100 KG
	69.5"	393.45 SQ"	7.20"	36 MPH	COURSE	200+ LBS / 90+ KG
VAPOR LITHIUM	63.5"	336.21 SQ"	6.73"	36 MPH	COURSE	85-120 LBS / 38-54 KG
	65"	344.15 SQ"	6.73"	36 MPH	COURSE	110-145 LBS / 49-65 KG
	66"	354.08 SQ"	6.84"	36 MPH	COURSE	125-180 LBS / 56-81 KG
	67"	365.66 SQ"	6.94"	36 MPH	COURSE	160-200 LBS / 73-91 KG
	68"	376.65 SQ"	7.05"	36 MPH	COURSE	180-220 LBS / 82-100 KG
	69.5"	393.45 SQ"	7.20"	36 MPH	COURSE	200+ LBS / 90+ KG
VAPOR GRAPHITE	66"	354.08 SQ"	6.84"	36 MPH	CROSSOVER	125-180 LBS / 56-81 KG
	67"	365.66 SQ"	6.94"	36 MPH	CROSSOVER	160-200 LBS / 73-91 KG
	68"	376.65 SQ"	7.05"	36 MPH	CROSSOVER	180-220 LBS / 82-100 KG
	69.5"	393.45 SQ"	7.20"	36 MPH	CROSSOVER	200+ LBS / 90+ KG
SENATE PRO	67"	379.04 SQ"	7.15"	34 MPH	COURSE	160-200 LBS / 73-91 KG
	69"	402.01 SQ"	7.36"	34 MPH	COURSE	180-220 LBS / 82-100 KG
SENATE LITHIUM	65"	356.75 SQ"	6.94"	34 MPH	CROSSOVER	Up to 170 LBS / Up to 77 KG
	67"	379.04 SQ"	7.15"	34 MPH	CROSSOVER	160-200 LBS / 73-91 KG
	69"	402.01 SQ"	7.36"	34 MPH	CROSSOVER	180-220 LBS / 82 -100 KG
	71"	413.66 SQ"	7.36"	34 MPH	CROSSOVER	200+ LBS / Over 91 KG
SENATE GRAPHITE	65"	356.75 SQ"	6.94"	34 MPH	CROSSOVER	Up to 170 LBS / Up to 77 KG
	67"	379.04 SQ"	7.15"	34 MPH	CROSSOVER	160-200 LBS / 73-91 KG
	69"	402.01 SQ"	7.36"	34 MPH	CROSSOVER	180-220 LBS / 82 -100 KG
	71"	413.66 SQ"	7.36"	34 MPH	CROSSOVER	200+ LBS / Over 91 KG
SENATE ALLOY	65"	356.75 SQ"	6.94"	34 MPH	CROSSOVER	Up to 170 LBS / Up to 77 KG
	67"	379.04 SQ"	7.15"	34 MPH	CROSSOVER	160-200 LBS / 73-91 KG
	69"	402.01 SQ"	7.36"	34 MPH	CROSSOVER	180-220 LBS / 82 -100 KG
	71"	413.66 SQ"	7.36"	34 MPH	CROSSOVER	200+ LBS / Over 91 KG
LYRIC GRAPHITE	65"	356.75 SQ"	6.94"	34 MPH	CROSSOVER	Up to 170 LBS / Up to 77 KG
	67"	379.04 SQ"	7.15"	34 MPH	CROSSOVER	160-200 LBS / 73-91 KG

SKIS	SIZE	SURFACE AREA	MAX WIDTH	SUGGESTED MAX SPEED	TERRAIN	RECOMMENDED WEIGHT
	63"	340.70 SQ"	6.78"	34 MPH	CROSSOVER	Up to 170 LBS / Up to 77 KG
	65"	356.75 SQ"	6.94"	34 MPH	CROSSOVER	160-200 LBS / 73-91 KG
	67"	379.04 SQ"	7.15"	34 MPH	CROSSOVER	180-220 LBS / 82 -100 KG
	63"	340.70 SQ"	6.78"	34 MPH	CROSSOVER	Up to 130 LBS / Up to 59 KG
	65"	356.75 SQ"	6.94"	34 MPH	CROSSOVER	120-160 LBS / 54-73 KG
	63"	340.70 SQ"	6.78"	34 MPH	CROSSOVER	Up to 130 LBS / Up to 59 KG
	65"	356.75 SQ"	6.94"	34 MPH	CROSSOVER	120-160 LBS / 54-73 KG
	65"	370.06 SQ"	7.140"	32 MPH	CROSSOVER	Up to 160 LBS / Up to 73 KG
	67"	393.18 SQ"	7.350"	32 MPH	CROSSOVER	130-190 LBS / 59-86 KG
	69"	417.00 SQ"	7.560"	32 MPH	CROSSOVER	175-230 LBS / 79-104 KG
	71"	429.09 SQ"	7.560"	32 MPH	CROSSOVER	220+ LBS / 100 KG
	65"	370.06 SQ"	7.140"	32 MPH	CROSSOVER	Up to 160 LBS / Up to 73 KG
	67"	393.18 SQ"	7.350"	32 MPH	CROSSOVER	130-190 LBS / 59-86 KG
	65"	378.72 SQ"	7.280"	32 MPH	CROSSOVER	Up to 160 LBS / Up to 73 KG
	67"	390.31 SQ"	7.280"	32 MPH	CROSSOVER	130-190 LBS / 59-86 KG
	69"	413.96 SQ"	7.500"	32 MPH	CROSSOVER	175-230 LBS / 79-104 KG
	65"	398.67 SQ"	7.550"	30 MPH	OPEN WATER	Up to 160 LBS / Up to 73 KG
	67"	423.58 SQ"	7.780"	30 MPH	OPEN WATER	130-190 LBS / 59-86 KG
	69"	449.24 SQ"	8.020"	30 MPH	OPEN WATER	175-230 LBS / 79-104 KG
	71"	462.27 SQ"	8.020"	30 MPH	OPEN WATER	220+ LBS / 100 KG
	65"	398.67 SQ"	7.550"	30 MPH	OPEN WATER	Up to 160 LBS / Up to 73 KG
	67"	423.58 SQ"	7.780"	30 MPH	OPEN WATER	130-190 LBS / 59-86 KG
TRICK	SIZE	SURFACE AREA	MAX WIDTH	SUGGESTED MAX SPEED	TERRAIN	RECOMMENDED WEIGHT
	41"	407.55 SQ"	10.982"	24 MPH	COMPETITION	UP TO 140 LBS / UP TO 63 KG
	42"	427.68 SQ"	11.250"	24 MPH	COMPETITION	130-170 LBS / 58-77 KG
	43"	448.28 SQ"	11.518"	24 MPH	COMPETITION	160-220 LBS / 73-100 KG

OPEN WATER OVERVIEW

SKIS	SIZE	SURFACE AREA	MAX WIDTH	SUGGESTED MAX SPEED	TERRAIN	RECOMMENDED WEIGHT
X-CALIBER	59"	1558.75 SQ"	6.75"	26 MPH	OPEN WATER	60-145 LBS / 27-66 KG
	67"	1996.26 SQ"	6.50"	28 MPH	OPEN WATER	135-210 LBS / 61-95 KG
ORIGIN	59"	1331.61 SQ"	5.88"	26 MPH	OPEN WATER	60-145 LBS / 27-66 KG
	67"	1769.07 SQ"	6.70"	28 MPH	OPEN WATER	135-210 LBS / 61-95 KG
FIREBOLT	46"	1138.21 SQ"	7.14"	24 MPH	OPEN WATER	UP TO 80 LBS / 36 KG

KNEEBOARDS	SIZE	WIDTH	SURFACE AREA	SUGGESTED MAX SPEED	TERRAIN	RECOMMENDED WEIGHT
DENUNZIO	52"	22.24"	958.17 SQ"	26 MPH	OPEN WATER	UP TO 235 LBS / 107 KG
HAWK	53"	20.35"	925.04 SQ"	24 MPH	OPEN WATER	UP TO 215 LBS / 98 KG
MAGIC CARPET	49"	20.12"	961.09 SQ"	22 MPH	OPEN WATER	UP TO 225 LBS / 102 KG

PADDLE BOARDS	SIZE	WIDTH	CENTER THICKNESS	NOSE HEIGHT	TAIL HEIGHT	RECOMMENDED WEIGHT
SCEPTER	11'	31"	4.75"	4.25"	3.5"	UP TO 180 LBS / 82 KG
	12'	31"	4.95"	4.75"	3.75"	UP TO 220 LBS / 100 KG
CADENCE	11'3"	32"	4.3"	3.9"	3.2"	UP TO 220 LBS / 100 KG
ZEPHYR	10'6"	30"	6"	3"	2"	UP TO 180 LBS / 82 KG

THIRTY30 COLLECTION	SIZE	MAX WIDTH	SURFACE AREA	SUGGESTED MAX SPEED	TERRAIN	RECOMMENDED WEIGHT
FIFTY50	4'6"	20.5"	2070 SQ"	24 MPH	OPEN WATER	UP TO 200 LBS / 91 KG
THREE60	42"	42"	3100 SQ"	24 MPH	OPEN WATER	UP TO 225 LBS / 102 KG
TWISTED SCIENCE	60"	60"	5254 SQ"	18 MPH	OPEN WATER	UP TO 250 LBS / 102 KG



WHAT'S THE SKI FOR ME?

DO YOU WATERSKI? → NO... YOU SHOULD, BUY A BUTTERKNIFE

