A Vaan is made for sailors. For the sensation of the water and the wind. It’s meant to excite and explore. And of course, a Vaan is also a fantastic luxury cruiser but first and foremost a Vaan is made for sailors.
The R4 is designed for sailors who are looking for more space than a monohull offers. The cockpit and saloon are at the same level, and there is very little heeling.

Your friends and family can enjoy all the comfort and luxury, while you are at the helm enjoying their company.
In the evening, when lights are dimming, the saloon provides the ultimate view of the starry night sky. The wrap-around windows give a great sense of freedom and transparency, with all the coziness you want from a home.
As a helmsman you want to be at the back of the cockpit, not high upon the roof. The large, open transom of the R4 connects you to the water that rushes underneath.

It gives you a spectacular sailing sensation. Much like a monohull but without the heeling, and faster.
A Vaan offers more stability, space and comfort for the whole family. Inside and outside are directly connected. The warm, natural interior creates a light and balanced atmosphere. A perfect place to enjoy a good time.
Unlike most cats, the Vaan R4 does not have a large, fixed roof all over the cockpit. Instead, we created a bimini that can be installed and removed in a matter of minutes.

People in the cockpit and at the helm can be protected from the sun when desired. But for colder regions, steering in the sun is also possible. It makes the R4 great for going south, as well as for a trip up north.
The saloon has a bright, warm and welcoming feel to it. The modern and functional kitchen is light yet solid and offers all the amenities to really enjoy some good cooking.
BEDROOM WITH A VIEW

The owners bedroom aft has a comfortable full size 200x160cm bed that has beautiful wide views to the side and rear. Plenty of storage on the side of the bed and closet space for first essentials. Good night.
THAT WALK-IN FEELING

The R4 is all about space and no place makes that more clear than the walk-in closet in both hulls.

The four closets on the right hold enough clothes to spend months away from home, and buy some new ones along the way.

The optional dresser on the left gives you extra drawers for accessories and other smaller items.
A TRUE BATHROOM

The forward cabin in the owners hull holds a superior bathroom with a spacious shower. The mirror slides sideways to open a cabinet and three large drawers and shelves give you all the storage you need.
COMFORT & PRIVACY

NIGHT LIFE
SAIL THE PLANET

We make exciting luxury sail yachts that do not harm the planet. By pushing the boundaries of materials, technology and design, we contribute to a world where enjoying life and protecting it, go hand in hand. Because we care about saving the planet as much as we care about sailing it.
The design of the R4 is based on circular principles from the start. It is mostly made of recyclable materials and it is almost completely recyclable itself.

The hull is made of more than 50% recycled aluminium like old window frames, traffic signs and license plates. Some parts contain even more than 75% reused materials. Aluminium also has an excellent track record for its strength, safety and flexibility. And of course it has a great look.

RECYCLED ALUMINIUM
We are committed to using only the best, sustainable materials. The hull is made of recycled aluminium and for the interior the finest sustainable materials are used: lyocell as an alternative for silk, a plant-based alternative for leather made of pineapple leaves, cork decking, linen, and certified wood. This makes the R4 not only ‘circular’, it also creates a warm, cosy atmosphere. As it turns out, the ‘fair’ material is usually also the most refined.

#ITSONLYNATURAL  #CIRCULARMATERIALS  #SUSTAINABLELUXURY  #SAILING  #RECYCLEDALUMINIUM  #ALLELECTRIC  #SOLARENERGY  #BIOBASED  #LOWIMPACT  #TOGETHER  #SAILTHEPLANET

Fitting our ‘Sail The Planet’ mission, a Vaan is all-electric, from induction cooking to electric propulsion. The large or extra large battery banks are charged from the solar panels, the hydro-generating engines, or the wind. A back-up generator can be added to the energy mix to provide extra assurance on longer journeys.

Not only is all-electric more sustainable, it also saves space and eliminates smells, noises and vibrations.
**ELECTRIC PROPULSION**

- 2x FP10 saildrive (standard)
- Power: 2x 10kW  
  (similar to 2x 20Hp combustion)
- Hydro Generation: no
- BMW i-Series LMO-NMC batteries  
  20 or 40 kWh
- Optional generator: 10kW

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**TORGEECO**

- 2x FP10 saildrive (standard)
- Power: 2x 10kW  
  (similar to 2x 20Hp combustion)
- Hydro Generation: no
- BMW i-Series LMO-NMC batteries  
  20 or 40 kWh
- Optional generator: 10kW

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**OCEANVOLT**

- 2x SD15 saildrive (option)
- Power: 2x 15kW  
  (similar to 2x 30Hp combustion)
- Hydro Generation:  
  up to 2x 1kW (standard)  
  up to 2x 2.5kW (servo-prop)
- Valence LiFePO4 batteries  
  20 or 40 kWh
- Optional generator: 15kW
The guest hull offers subtle different options. It features a twin bed that can easily be moved together to form a double bed. It has its own separate toilet and several options for the front cabin: bunk-beds, trapezium bed and a full-sized second bathroom. It’s also possible to add a small two-seater with a desk to do some reading or work.
**BIMINI**

- Covers entire cockpit, including both helm positions
- Installed in minutes
- Light-weight

**LOUNGE**

- Large lounge cushions
- (Partially) shaded when desired
- Installed in minutes
- Light-weight
- Creates enclosed ‘outdoor’ area
- Continue sailing with tent installed
- Extends sailing season
- Installed in minutes

HULL COLORS

- SNOW WHITE
- STONE GRAY
- LAVA BLACK
SPECIFICATIONS

- Main : 55 m²
- Jib (ST) : 30 m²
- Gennaker : 135 m²
- Code-0 : 85 m²

VAN R4
- Loa: 12.80m (42ft)
- Beam: 7.05m
- Sail area upwind: 85m²
- Sail Area Downwind: 190m²

VPP CALCULATION
- By Dykstra Naval Architects
- Max RM 100kNm

AERO
- Coefficients from Windesign
- No reefs
- Flat internal method
- Windspeed at masthead
- Windangle relative to tack

HYDRO
- CFD calculation
- Calculation run for flat water