HYDRONAUT

2020 CATALOG
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PRODUCT INFORMATION

GENERAL FEATURES
A revolutionary new design and structure of fin with variable blades, harder around the foot at the top and softer at the end towards the tip. The power and feedback from each kick allows for continuous fluid movement without any dead spots even during vertical ascent, they offer the ultimate feedback of nerve and speed.

CONSTRUCTION
HYDRONAUT Carbon Fiber FINS offer a revolutionary design and engineered for the diver needs with high quality carbon fiber for ultimate energy transferring and top performance! The blades are manufactured in compliance with the most demanding and modern standards in constant ambient temperature and humidity.

TECHNOLOGY
Advanced VIP (Vacuum Infusion Process) technology is used in the production of HYDRONAUT carbon fibers blades, high temperature and high degree of applied vacuum, which lead to a component with 0% void level, without defects, with a uniform matrix/reinforcement ratio across the whole blade. Constant ambient temperature and humidity is used in compliance with the most demanding and modern standards. The blades are twice subjected under 12 hours post curing process in temperatures controlled to achieve the best mechanical properties.

LOOK
Much attention has been paid even to the smallest details in the aesthetics of HYDRONAUT blades, including their high-end finish. The extraordinary mirror surfaces of our blades and embedded logo is HYDRONAUT unique difference. Modern and attractive designs are used throughout. We offer everything you need to fall in love with your fins. 4 models available to serve your need (BRASS, SILVER, GOLD and PRO)
DESIGNS AND STIFFNESS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>STIFFNESS</th>
<th>WEIGHT RECOMMENDATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRASS</td>
<td>HARD</td>
<td>85 kg plus</td>
</tr>
<tr>
<td>SILVER</td>
<td>MEDIUM</td>
<td>75 kg to 85 kg</td>
</tr>
<tr>
<td>GOLD</td>
<td>SOFT</td>
<td>up to 75 kg</td>
</tr>
<tr>
<td>PRO</td>
<td>SOFT*</td>
<td>Independent*</td>
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</tbody>
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TECHNICAL DETAILS:

- Manufacturing process: VIP (Vacuum Infusion Process)
- Blade length before the angle: 130mm
- Blade length after the angle: 670mm
- Blade's total length: 800 mm
- Length overall: 860 mm for SALVIMAR K-REINFORCED footpockets
- Blade's total width: 195 mm
- Blade's angle: 20°
- Angle type: Corner
- Warranty period: 5 (five) years from the day of purchase
- Water-rails: Black rubber

FOOTPOCKETS’ SIZE

SALVIMAR K-REINFORCED / EU 38-40 / EU 41-42 / EU 43-44 / EU 45-46 /

5 YEARS WARRANTY

HYDRONAUT Carbon Diving Fins are provided with a written warranty of five (5) years from the day of purchase!

DESIGNED AND MADE IN PORTUGAL (EU)

BY COMPOSITES KINGDOM
CARBON DIVING BLADES
HYDRONAUT® CARBON DIVING FINS

PRO SERIES

HYDRONAUT PRO blades, especially design for professional divers, are manufactured ending in a dolphin tail shape (D.Tail). This shape gives the best results based on hydrodynamics studies and tests made in C.F.D. software (Computational Fluid Dynamics). The dolphin tail shaped ending gives the maximum thrust with the least possible energy consumption!

STIFFNESS: EXTRA SOFT

BLADE WEIGHT: 293 Gr.

Including T profile. The weight shown may have some variations, between 5 to 10 Gr.

TIP PROFILE

Price (Pair of fin): 359.00 € (vat included)

Price (unit fin): 198.00 € (vat included)
**HYDRONAUT® CARBON DIVING FINS**

**GOLD SERIES**

**STIFFNESS:** SOFT

**BLADE WEIGHT:** 287 Gr.

*Including T profile. The weight shown may have some variations, between 5 to 10 Gr.*

**TIP PROFILE**

HYDRONAUT GOLD blades tips are shaped taking into account the diver weight and body size to give the maximum amount of thrust with the smallest amount of energy consumption.

**Price (Pair of fin):** 335.00 € (vat included)

**Price (unit fin):** 185.00 € (vat included)
STIFFNESS: MEDIUM

BLADE WEIGHT: 312 Gr.

Including T profile. The weight shown may have some variations, between 5 to 10 Gr.

TIP PROFILE

HYDRONAUT GOLD blades tips are shaped taking in account the diver weight and body size to give the maximum amount of thrust with the smallest amount of energy consumption.

Price (Pair of fin): 310.00 € (vat included)

Price (unit fin): 170.00 € (vat included)
STIFFNESS: HARD

BLADE WEIGHT: 340 Gr.

Including T profile. The weight shown may have some variations, between 5 to 10 Gr.

TIP PROFILE

HYDRONAUT GOLD blades tips are shaped taking in account the diver weight and body size to give the maximum amount of thrust with the smallest amount of energy consumption.

Price (Pair of fin): 290.00 € (vat included)

Price (unit fin): 170.00 € (vat included)
SALVIMAR K-REINFORCED

SIZES AVAILABLE / UE 38-40 / UE 41-42 / UE 43-44 / UE 45-46 /

Price (Pair): 60.00 € (vat included)
HYDRONAUT TRANSPORT BAG

**Price** (unit): **35.00 €** (vat included)
HYDRONAUT® CARBON DIVING FINS

PRO Series

STIFFNESS: EXTRA SOFT

BLADE WEIGHT: 293 Gr.

Including T profile. The weight shown may have some variations, between 5 to 10 Gr.

TIP PROFILE

HYDRONAUT PRO blades, especially design for professional divers, are manufactured ending in a dolphin tail shape (D.Tail). This shape gives the best results based on hydrodynamics studies and tests made in C.F.D. software (Computational Fluid Dynamics). The dolphin tail shaped ending gives the maximum thrust with the least possible energy consumption!

Price (Pair of fins + transport bag offer): 419.00 € (vat included)
**STIFFNESS:** SOFT

**BLADE WEIGHT:** 287 Gr.

Including T profile. The weight shown may have some variations, between 5 to 10 Gr.

**TIP PROFILE**

HYDRONAUT GOLD blades tips are shaped taking in account the diver weight and body size to give the maximum amount of thrust with the smallest amount of energy consumption.

**Price** (Pair of fins + transport bag offer): **395.00 €** (vat included)
**STIFFNESS:** MEDIUM

**BLADE WEIGHT:** 312 Gr.

Including T profile. The weight shown may have some variations, between 5 to 10 Gr.

**TIP PROFILE**

HYDRONAUT GOLD blades tips are shaped taking in account the diver weight and body size to give the maximum amount of thrust with the smallest amount of energy consumption.

**Price** (Pair of fins + transport bag offer): **370.00 €** (vat included)
**STIFFNESS:** HARD

**BLADE WEIGHT:** 340 Gr.

*Including T profile. The weight shown may have some variations, between 5 to 10 Gr.*

**TIP PROFILE**

HYDRONAUT GOLD blades tips are shaped taking in account the diver weight and body size to give the maximum amount of thrust with the smallest amount of energy consumption.

*Price (Pair of fins + transport bag offer): **350.00 €** (vat included)*
HYDRONAUT® CARBON DIVING FINS

WARRANTY

HYDRONAUT Carbon Diving Fins is a registered product from COMPOSITES KINGDOM (manufacturer). COMPOSITES KINGDOM provides with a written warranty of five (5) years from the day of purchase! The warranty covers exclusively the carbon fiber fins.

Exclusion clauses: HYDRONAUT Warranty does not cover loss or damage due to:
1. Defects or damage caused by heavy, unusual, or incorrect use under abnormal conditions (blows, jerks, falls, bumps, etc.)
2. Defects or damages caused by lack of or incorrect maintenance or through negligence or maintenance by an unauthorized HYDRONAUT® dealer
3. Defects or damages known or evident at the time of purchase of the product
4. Clear defects or damage, tacitly accepted, that did not interfere with the products operation
5. Scratches or damages to the surfaces and external areas due to normal use of the product
6. Defects or damages caused by cleaning materials or other substances containing aggressive chemicals (solvents, surfactants, aggressive cleaners etc.)
7. Defects or damages resulting from alterations and changes made to the products without authorization
8. Defects or damages caused by improper assembly of the components
9. Defects or damages caused by prolonged use of the product in chlorinated or polluted water
10. Defects or damages caused by exposing the product to excessive temperatures, fire, or prolonged exposure to sunlight.

Technical operations conducted on products by unauthorized personnel will result in the loss of all rights under the HYDRONAUT® Warranty. To verify whether a dealer is authorized by COMPOSITES KINGDOM, or for any other questions, check the COMPOSITES KINGDOM website www.compositeskingdom.com, write an email at sales@compositeskingdom.com, or call 00351 914 749 574 / 00351 927 563 981.

This warranty does not cover equipment used for rental, military or commercial purposes.

Limitations of liability: COMPOSITES KINGDOM shall not be liable for any injury or damage that may, directly or indirectly, occur to persons, things, and animals resulting from the use of COMPOSITES KINGDOM products. COMPOSITES KINGDOM will not be held responsible for any agreements written or oral except of those that are a part of this warranty statement. COMPOSITES KINGDOM entire liability shall be limited to repair or replacement of the product at HYDRONAUT® options. COMPOSITES KINGDOM will not pay any compensation for any inconveniences which might be caused by the inability to use the product or for any potential expenses incurred while the product is being repaired or replaced.

The fins are guaranteed to be free of defects in material and workmanship. The warranty does not cover improper use or tampering. Defective fins will only be replaced if they are returned along with a copy of the receipt as proof of purchase.
CONTACTS

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