



Safe, clean and delicious drinking  
water when traveling



## VA-Basic PLUS

With the VA-Basic PLUS, you always have your safe drinking water with you on vacation! Conveniently installed in your motor home or in your boat, the system produces top-quality drinking water at all times.

MADE IN GRMANY

## VA-Basic PLUS – The perfect water filter for yacht & boat

Protect yourself effectively against hazardous substances dissolved in water. The VA-Basic PLUS combines high drinking water production with minimal and flexible space requirements. The system finds space very easily, as you can install the individual assemblies separately from each other. Extensions can be retrofitted quickly.



The VA-Basic PLUS may only be operated with fresh water and is not suitable for seawater desalination.

### The membrane diffusion principle

At home and at sea, it is important that fresh and safe drinking water is available at all times. You can fill up the fresh water tank in your boat up in harbours, but there is always the risk that the drinking water supplied is not of good quality.

Drinking water can easily become bacteriologically contaminated, especially in warmer regions. In a short time, it may go off in the tanks, making it undrinkable. Chlorination is often used here to counteract this.

But there is a solution for these problems - the VA-Basic PLUS from VISION AQUA® combines all the latest filter technologies in one system. Due to the membrane diffusion principle, the VA-Basic PLUS produces almost pure drinking water. Foreign matter such as sediments, bacteria, viruses and much more is retained and discharged from the system as wastewater. This filtration process means you always have consistent drinking water quality and the luxury of absolutely pure and safe drinking water accessible at all times.

Boats that have a desalination plant installed to produce raw fresh water must additionally treat it. In this case, the VA-Basic PLUS is ideal for making the purest and safest drinking water.



### Ultra-pure water always on board

The quality of drinking water in ports worldwide is rather difficult to assess as a non-specialist. Often fresh water is stored for several weeks in partly open containers until it is used. The VA-Basic PLUS always provides you with absolutely pure, safe and healthy drinking water, regardless of the quality of the supplied drinking water.



### Guaranteed drinking water

Algae, bacteria and other microorganisms can form in the fresh water tanks. The VA-Basic PLUS is installed as a drinking water filter after the fresh water tanks and reliably removes all hazardous contaminants. You and your family and friends on board can always enjoy safe drinking water.



### No need to buy and store drinking water

Having your drinking water source on-board is indispensable. Once you have installed the VA-Basic PLUS on your boat, buying PET drinking water bottles and wasting storage space is a thing of the past. You avoid unnecessary plastic waste that may end up back in our oceans, as well as CO<sub>2</sub> emissions.



### Safety thanks to ultra-pure water

Up to 98 % of all harmful foreign substances in the water are filtered out. Only ultra-pure water remains. With the VA-Basic PLUS, drinking water no longer has to be purchased, and contaminated water is always purified to safe drinking water.



### Small and compact

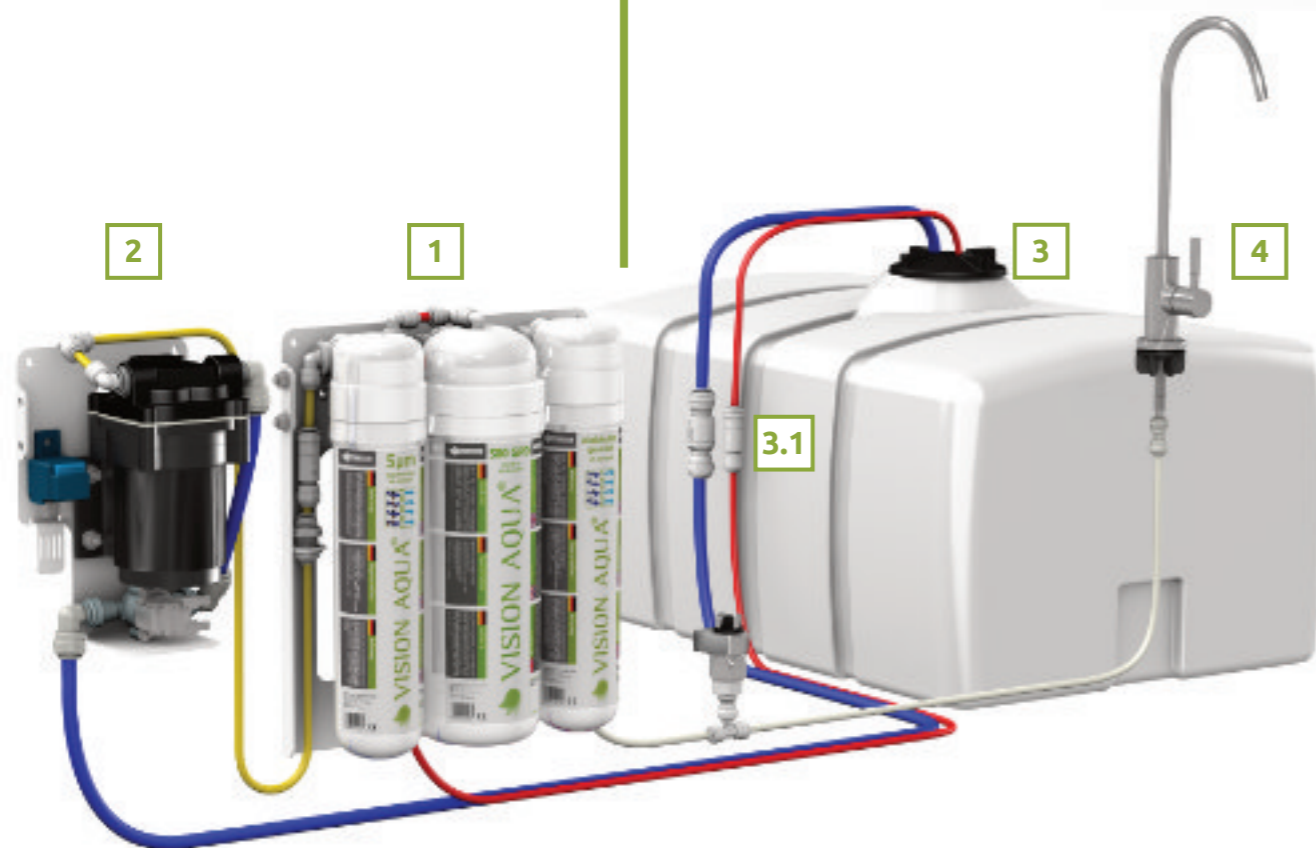
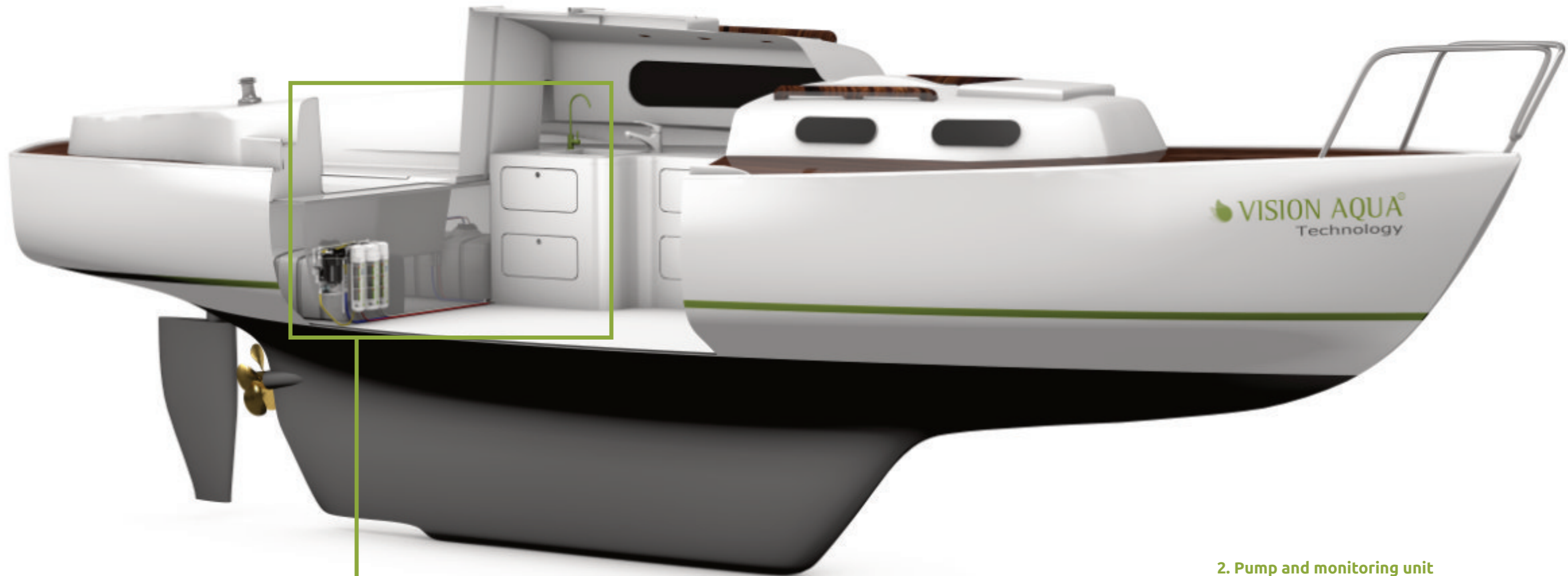
The compact design and small size of the VA-Basic PLUS allows easy installation even in small galleys on your yacht or boat. The system is divided into several assemblies and takes up very little space.



### Effortless filter change

Thanks to the innovative Push & Click method, you can change the filters in just a few minutes without dismantling the VA-Basic PLUS. Preparing for the winter season is also done in just a few easy steps.

## VA-Basic PLUS – Configuration and sample installation



### 1. VA-Basic PLUS

The VA-Basic PLUS is available for two different on-board power supplies. A 24 V version divided into two assemblies is the first version. The first module consists of a pump and monitoring unit, whereas the second module is the filtration unit. You can install both modules in different places.

The second version is a 12 V version, which is divided into three modules. The first and second modules are identical to the 24 V version. The third component is a high-quality voltage converter that generates 24 V from the 12 V onboard power supply. You can install all three modules in different locations.

If there is an existing 12 V connection in your boat or motor home, you need to install an optional converter from 12 V to 24 V for the proper functioning of the VA-Basic PLUS.

### 2. Pump and monitoring unit

The brushless 24 V booster pump is outstanding for its low wear and high efficiency. It guarantees high water pressure for the proper function of the VA-Basic PLUS. The pressure switch used is made of stainless steel and ensures reliable functionality even under severe conditions.

### 3. Water supply and return

The VA-Basic PLUS draws the fresh water to be filtered directly from the fresh water tank. The system is installed after the first booster pump (fresh water pump) in the standard configuration. The wastewater produced by the VA-Basic PLUS is directly fed back into the fresh water tank. The supply and return hoses (3.1) are always equipped with check valves.

### 4. Stainless steel withdrawal tap

A separate V2A stainless steel tap provides you with pure drinking water at all times. Due to the separate tap, the ultra-pure water of the VA-Basic PLUS is not contaminated by unfiltered water from the regular tap.

## VA-Basic PLUS – also in your motorhome

You can, of course, also use the VA-Basic PLUS in motor homes and caravans. Whether 12 V or 24 V on-board power supply, you can install the VA-Basic PLUS without restrictions. Thanks to the state-of-the-art brushless pressure pump, the energy requirement for one litre of pure drinking water is very low at 1.6 W per litre\*.

\* Efficiency of DC/DC converter (from 12 V to 24 V) not included.



### Flexible usage

Traveling in a motor home is becoming increasingly popular. It is all the more important to rely on safe drinking water, as there are often several days between filling up the fresh water tanks. During this time, the tanks can become contaminated by algae and bacteria, as they do not form a closed system.

Chlorination, to prevent contamination of water, is another problem in many countries. Although the harmful chlorine destroys bacteria in the water, it remains in the water if it is not removed. The VA-Basic PLUS is also ideally suited for this purpose. At its core, the system works according to the membrane diffusion principle and can filter out almost all sediments, bacteria and other foreign substances dissolved in the water. After the filtration process, the separated water is returned to the tank and can be filtered again.

As the VA-Basic PLUS consists of several modules, it can be further supplemented by additional filter stages and functions.

## VA-Basic PLUS – Sets and extensions



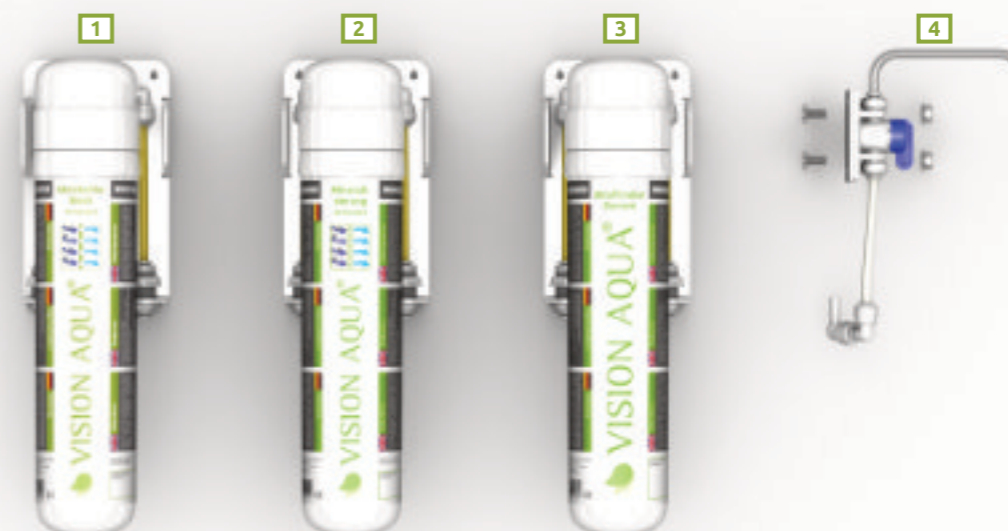
### VA-Basic PLUS 12 V-Set

Consists of 1. DC/DC converter, 2. Brushless booster pump, 3. VA-Basic PLUS, 4. Check valves supply and return, stainless steel pressure switch, 5. Stainless steel withdrawal tap.



### VA-Basic PLUS 24 V-Set

Consists of 1. Brushless booster pump, 2. VA-Basic PLUS, 3. Check valves supply and return, stainless steel pressure switch, 4. Stainless steel withdrawal tap.



### VA-Basic PLUS Extensions

1. Activated carbon block post-filter, 2. Mineralization cartridge, 3. Ultra-filtration cartridge, 4. 1/4" tap for direct mounting on the VA-Basic PLUS.



Learn more about our products and capabilities

VISION AQUA Technology GmbH  
Dorfstr. 20  
85298 Scheyern/Vieth  
Germany

eMail: [ticket@visionaqua.de](mailto:ticket@visionaqua.de)  
Web: [www.vision-aqua.de](http://www.vision-aqua.de)

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