A good night’s sleep energises us. It is essential for our well-being and fitness. The comfort provided by an Akva waterbed guarantees you and your body the rest you need.
There can be no doubting the value of sleep for humans and their wellbeing. Good sleep is the basis of our daily activities; it gives us energy and protects our organism by means of special metabolic processes.

We are convinced that sleeping on water is not just natural for humans, but that it also guarantees a unique experience and state-of-the-art, unrivalled comfort.

**Maximum pressure relief while lying down.**

In an Akva waterbed, your body is almost weightless and exerts minimal pressure. The water mattress softly adapts to the contours of your body, relieving your shoulders, neck, joints and backbone. This automatically puts you in a physiologically sound sleeping position – the basis for relaxing repose and deep, healthy sleep.

**Individual sleeping environment thanks to temperature control.**

Our low energy Akva Vital heating system lets you select your very own feel good temperature.

Digitally controlled and with the ability to switch off during the night if needed, it keeps the temperature constant. Additional warmth relaxes your muscles. Set to keep you cool in summer, and nice and warm in winter, you will always have your perfect sleeping environment.

**Washable, wipeable, hygienic and allergy friendly.**

Our mattresses, which are certified in line with the Öko Tex Standard 100, keep house dust mites and the like at bay. Water mattresses are easy to clean; the textile covers have zips for easy removal and are washable. The warmth of the bed guarantees a dry sleeping environment.

**Long-term sleeping comfort.**

An Akva waterbed upholds high standards of sleeping comfort throughout its lifetime. It will never sag and can easily be cleaned.

These are the most important benefits, and maybe you have heard more from an enthusiastic waterbed user.

As many individual factors need to be taken into consideration when choosing the right bed, expert advice and a test are essential. Make sure you have enough time to relax and enjoy it.
There can be no doubting the value of sleep for humans and their wellbeing. Good sleep is the basis of our daily activities; it gives us energy and protects our organism by means of special metabolic processes. We are convinced that sleeping on water is not just natural for humans, but that it also guarantees a unique experience and state-of-the-art, unrivalled comfort. Maximum pressure relief while lying down. In an Akva waterbed, your body is almost weightless and exerts minimal pressure. The water mattress softly adapts to the contours of your body, relieving your shoulders, neck, joints and backbone. This automatically puts you in a physiologically sound sleeping position – the basis for relaxing repose and deep, healthy sleep. Individual sleeping environment thanks to temperature control. Our low energy Akva Vital heating system lets you select your very own feel-good temperature. Digitally controlled and with the ability to switch off during the night if needed, it keeps the temperature constant. Additional warmth relaxes your muscles. Set to keep you cool in summer, and nice and warm in winter, you will always have your perfect sleeping environment. Washable, wipeable, hygienic and allergy friendly. Our mattresses, which are certified in line with the Öko Tex Standard 100, keep house dust mites and the like at bay. Water mattresses are easy to clean; the textile covers have zips for easy removal and are washable. The warmth of the bed guarantees a dry sleeping environment. Long-term sleeping comfort. An Akva waterbed upholds high standards of sleeping comfort throughout its lifetime. It will never sag and can easily be cleaned. These are the most important benefits, and maybe you have heard more from an enthusiastic waterbed user. As many individual factors need to be taken into consideration when choosing the right bed, expert advice and a test are essential. Make sure you have enough time to relax and enjoy it. Made in Denmark, since 1981. From baby water mattresses to luxurious designer beds, we have been combining environmental friendliness, quality and design to create tailor made and unforgettable waterbeds since 1981. You can choose an individually made, holistic piece of bedroom furniture from our large range of products, rather than an off the peg bed. And if you like, we will use your choice of cushioning. We also offer all of our bed models in special sizes. Quality and environmental management characterise our products and the way we cooperate with all our business partners. All of the components we use for our beds are made on an exclusive to-order basis under one roof in Ry, Denmark. It might take slightly longer than with other manufacturers. But you can be sure of a tailor-made waterbed system, produced about a week before delivery, where each and every part harmonises perfectly. It is important to us and your quality assurance that every area of our production department upholds strict safety at work standards, and all the raw materials we use are tested for safety. Responsibility and innovation. Akva Waterbeds A/S was the world’s first manufacturer to introduce phthalate-free water mattresses in 2000, thanks to exclusive use of the premium softener Mesamoll® by LANXESS. The vinyl used for the mattresses, which comprises two individual foils laminated together, is very soft and yet very resilient.
Did you know that baby blue whales are born from an amniotic sac filled with several hundred litres of water? The principle of pressure relief by water is as old as the evolution of mammals. And nothing has changed. The first bed a human rests in is actually a waterbed. Amniotic fluid protects us against shock and pressure caused by gravity.

We humans are made up of two thirds water; and water has a magical attraction throughout our lives. Water signifies energy and wellness. What could be more relaxing than listening to waves breaking, or dipping into a warm bath?

In the 70s, the introduction of modern plastics made it possible to create state-of-the-art bed systems that use the benefits of water as a medium for healthy sleep.

Akva Waterbeds A/S has been developing, producing and selling waterbed systems since 1981. Today, a waterbed is a totally normal place to sleep for anybody, and according to surveys, customers are really satisfied. Most people say: when you have become accustomed to lying on water, you can’t imagine anything else.

A Bed made of water? How does that work?

Like any other bed, an Akva waterbed is also made up of a frame and a mattress. The frame surrounds the flexible mattress, supporting it and maintaining its shape. This makes it easy to answer the question that is so often asked: if you can use a water mattress on a normal bed. Yes, it’s no problem, and easy to do!

The basic difference to a legacy bed is, of course, the mattress: in a waterbed, you float on a large, individually temperature-controlled core of water. Your whole body is borne and supported evenly. No other mattress system will adapt as perfectly to match different shapes of bodies. Because of this you lie in the bed, rather than on it. You can define the perfect position for relaxed, physiologically correct rest.

Water is displaced by body mass. This is vital to a healthy night’s sleep!

Between the ages of twenty and sixty, we spend more than 15 years in bed. We go to sleep around twenty-thousand times in a period of 50 years. For humans, sleep is a basic requirement of staying healthy. A water mattress helps you relax and sleep well, and thus improves your quality of life. An Akva waterbed prevents pressure points on your body, thus taking the load off your vascular system.

The even support a water mattress gives your whole body relaxes your muscles. This is the only way to achieve the right conditions for peaceful and deep sleep.

People need warmth.

Waterbeds keep your body warm, rather than taking the warmth out of it! One of the biggest benefits of an Akva waterbed is its electromagnetically shielded, low-energy heating system. This lets you set your own individual feel-good temperature.

Questions concerning damage to mattresses and water leaks are understandable. With normal use – and aged, you don’t need to worry about a spray of water escaping because the water is not under pressure. In other words, if a small amount of water escapes, it will be captured by the safety liner. And you can permanently seal the leak with a repair strip. This makes it easy to answer the question that is so often asked: if you can use a water mattress on a normal bed. Yes, it’s no problem, and easy to do!

The human body exudes particles of skin do not disappear into the mattress, but are wiped off at any time. Water is displaced by body mass. This is vital to a healthy night’s sleep!

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Is a waterbed good for my back?

A waterbed supports your spine and the muscles in your back by adapting to the shape of your body. The medium, water, is displaced rather than compressed as it is in other bedding types. The mattress doesn’t sag, but precisely and immediately adapts to the position of your body; weight and build are unimportant, and the mattress stays as comfortable as the first day it was bought.

Low contact pressure and relaxing heat support your back, joints and vital functions.

Will I feel wave movements in my waterbed?

It depends on whether you want to. Some people like being slowly rocked to sleep, while others prefer perfect peace from their waterbeds, and don’t want to feel any wave movements.

People’s needs are just as individual as people themselves: some prefer the rocking movement of the waves when they move their bodies, and others don’t. To match your individual sleeping comfort needs, you can choose from a range of 13 different cushioning levels with additional lumbar support.

Will the water escape from the bed in case of a small leak?

Safety is a topic that is very important to us. Questions concerning damage to mattresses and water leaks are understandable. With normal use - and this includes jumping around on it - the water mattress will never leak!

The high quality, extremely durable vinyl that the jacket is made of, and all the welds, are subject to exacting quality requirements and tests. This is the only way for us to give you a multiple year warranty with a clear conscience. If the mattress is deliberately damaged, you don’t need to worry about a spray of water escaping because the water is not under pressure. In other words, if a small amount of water escapes, it will be captured by the safety liner. And you can permanently seal the leak with a repair strip.

Weight and structural load.

Thanks to a specially designed base with integrated weight distributors, the weight of a waterbed per square metre is far lower than that of, say, a bathtub, cupboard, refrigerator or washing machine. Depending on the model, the load will be approx. 180 kg/m² for a total weight of approx. 600 - 800 kg.

This load is distributed by the floor and spread over a surface of around 10 square metres and thus corresponds to an average maximum load of 80 kg/m². This is will not normally be an issue in terms of structural load.

How do I keep the water fresh?

When you first fill your water mattress with fresh water, a water preservative is added to keep the water free of germs. As you don’t need to change the water unless you move home and have to dismantle and reassemble your bed, the preservative is added once a year.

A question of hygiene.

The hygienic benefits of a water bed are many: particles of skin do not disappear into the mattress, as is the case with legacy beds, but remain on the surface of the water mattress where they can be wiped off at any time.

House dust mites and mite excrement cannot live on the surface of the waterbed and you can be sure of an allergy-free sleep.

The human body exudes about half a litre of moisture into the bed every night. This adds up to over 1000 litres in six years, and all of this seeps into a legacy mattress. In the case of a waterbed, the moisture that collects in the mattress cover evaporates due to rising warmth. The easily-removable textile covers on your waterbed are washable (at up to 95°C depending on the cover).
Waterbed design using the AKVA ALLROUND as an example.

1 Base
2 Weight distributors
3 Baseplate
4 Wooden section frame with cushioning
5 Soft frame with safety liner
6 Heating system
7 Water mattress
8 Cover

Double safety.

The phthalate and heavy metal-free vinyl foil has a thickness of 0.56 mm and is made of two supralaminated 0.28 foils for superior tensile strength.

The environmentally-friendly premium softener, Mesamoll II® by LANXESS guarantees better durability and also makes our vinyl foil suitable for babies and small children – Öko-Tex-Standard 100 product class 1 certified.

Reduced to the max.

The seamless welds on our water mattresses are reduced to a single U-shaped weld. The moulded corners are welded in a patented 3D process. We give a five year warranty on all welds.

The sewn stabilising fleece made of special, highly resilient fibres are precisely tailored to match the conical mattress shapes of our Softside systems. There are 13 different stabilisers to define the individual degree of movement in your mattress.

Individual.

There are five different zip top covers to choose from for your maximum comfort. From highly elastic to comfortably supporting – all of them allergy-safe, washable (up to 95°C depending on the cover) and dryer-safe. With central zipper and integrated dust protection, if required.

Our textile technology guarantees a perfect atmosphere for rest by adapting to your body shape in the best possible way. Thanks to a harmonious choice of vinyl foil, mattress shape, cushioning and textile characteristics, Akva offers unique comfort. All covers comply with Öko Tex Standard 100.

Each zip top can optionally be enhanced with additional fleece cushioning and an inter-
Akva Softside waterbeds are recognised by the Danish Technological Institute as low-energy products. **5 year warranty TÜV-GS certified, CE, DEMKO, KEYMARK.**

All bases and baseplates are made of wood from environmentally-certified, sustainable forests in E0 quality.

Akva uses separating wedges to effectively separate movements and temperature differences. They are available in two different foam hardnesses with an optional, wipeable cover or as air/water separating wedges.

**Layout.**

Our mattresses are available in single-part (uno) or two-part (dual) designs. Dual systems are beneficial if your partner is heavier or lighter than you are, or if you prefer different temperatures and stabilisation on each side.

Akva Vital digital, low-voltage heating system is equipped with an easily-programmable day/night shutdown feature. Thanks to state-of-the-art control electronics, it works in an energy efficient way that is gentle on materials. The operating status and error diagnostics are indicated by multicolour LEDs.

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Median layer with a double zipper for firmer support and more cushioning. This comfort insert is also available for retrofitting older Akva beds.

A feeling of security.

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**Akva VEGA** Premium Design  
Perfect design and technology VEGA floats on a chrome-plated, steel frame, the archetypal mattress design combines classic and modern. The VEGA headboard has characteristic integrated lighting. Frame design by Per Weiss (DK).

**Akva DECO** Premium Design  
For exacting design and stability requirements. The slightly rounded DECO solid wood frame surrounds the elegant bed in a choice of beech (oiled or lye-washed), mahogany, with fine leather or our upholstery materials. Can be combined with any Akva headboard.

**Akva ALLROUND** Urban Design  
With its virtually unlimited choice of styling options for the stable cushioned frame, ALLROUND adapts to match your bedroom. The straight lines give it a clear design – with a choice of headboards and base variants, ALLROUND is individual and versatile.

**Akva MIRA** Urban Design  
With its pure, classic lines MIRA has a minimalistic design with an elegant exactness. The upholstered frame is not only comfortable for sitting, it is also a very solid construction which allows for both a softside mattress and the original water mattress, the hardside system for even more water feeling and comfort.

**INSIDE Akva** Basic Design  
INSIDE gives you a convenient option for fitting in your current bed frame. The foam edge consists of two layers which makes it easy to make the bed even if the bed sides are high.

**Akva SOFT** Basic Design  
The classic bed with a simple and solid design for fitting to existing bed frames, or freestanding with a firm or soft Softside frame. Designed like a traditional box mattress, it can be combined with any base and headboard.

For more information on our huge selection of base systems, headboards, covers and accessories, please refer to our design brochure or visit www.akva.com
Akva JUNIOR
Based on our Akva SOFT model, the Akva Junior accompanies and supports children aged 3 and above. Helps active children have a healthy night’s sleep, and so promotes their growth and development.

Akva BABY
Your baby can sleep peacefully and in a protected atmosphere on a water mattress that adapts to support your baby’s body rather than forcing it into a position where noticeable pressure points build up. This means that your child will not wake up as often, and will enjoy deeper sleep, allowing its daily impressions from playing and learning to consolidate more easily. The phthalate-free vinyl water mattress is allergy-safe and prevents house dust mites. It is easy to clean and has a removable and washable cover.

Akva WELLNESS
The massage system and the special water-repellent cover make the Akva Wellness the perfect choice for bathrooms, swimming baths, sauna/wellness areas and gyms. The cover is washable at up to 95°C and can be disinfected. The intensity and areas of the massage programs can be remotely controlled. The massage system can be retrofitted to any Akva waterbed.

Akva SOUND® – with all senses.
A waterbed with a sound system that combines the senses of touch and hearing to provide an amazing experience. The secret of Akva Sound® is the use of the excellent vibration qualities of water as a carrier of sound.

And the addition of a flat screen lets you combine this with a visual experience. The sound reaches your ears, the images talk to your eyes, and the warm vibrations of the water give you an intensive feeling of being at the centre of the action in a movie or at a live concert.

Originally designed for therapeutic applications, such as Snoezelen® rooms, the waterbed with sound system is increasingly finding its way into bedrooms and wellness oases because the technology is carefully concealed in the base. All you need is an audio source, such as a DVD player, with your favourite music.

The Akva Sound® Module lets you control the intensity and frequency range you want to transmit to the bed independently of the external volume.
Stabilisation systems with lumbar support:

- **F0**: No layers of fleece, no stabilisation
- **F2**: 2 layers of fleece, light stabilisation
- **F3**: 3 layers of fleece, light stabilisation
- **F4**: 4 layers of fleece, medium stabilisation
- **F5**: 5 layers of fleece, strong stabilisation
- **F6**: 6 layers of fleece, strong stabilisation
- **F7**: 7 layers of fleece, ultra-strong stabilisation
- **F8**: 8 layers of fleece, ultra-strong stabilisation
- **LS3**: 3 layers of fleece + lumbar support, medium stabilisation
- **LS4**: 4 layers of fleece + lumbar support, medium stabilisation
- **LS5**: 5 layers of fleece + lumbar support, strong stabilisation
- **LS6**: 6 layers of fleece + lumbar support, strong stabilisation
- **LS7**: 7 layers of fleece + lumbar support, ultra-strong stabilisation

Water is the supporting element – a water mattress can be made with lumbar support (two additional fleece inlays in the hip area) to prevent the heaviest part of the body from immersing too deeply, which can be a benefit depending on your body profile and weight, or your personal preference.
A water mattress by Akva Waterbeds is a quality product. But, as is the case with many other products, the right kind of care can extend its lifetime. For this reason, Akva Waterbeds has developed products that guarantee many years of pleasure with your waterbed. Regular care assures safety and best possible hygiene.

**Akva Guard**
Seals the surface of the mattress and thus extends the lifetime of the vinyl.

**Long Life**
Filled once a year to keep the water fresh.

**Vinyl Wash**
Biodegradable shampoo for the water mattress surface.

**Akva Quiet**
Removes air inclusions in the water mattress and thus reduces noise.

**Care Kit**
Complete set with Long Life, Akva Guard and Vinyl Wash.

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**Water pillow**
A water pillow is a means of completely relaxing your neck and spine. The pillow adapts to perfectly match the shape of your neck area and is heated by the water mattress - this ensures a feeling of well-being without tense neck muscles. Just as with a water mattress, you can define your individual comfort setting by adjusting the filling volume. The pillow cover is washable, and the pillow can be cleaned.
Research and results.

For Akva it is very important to know what happens when people sleep on water. We have accumulated a great deal of this area and new findings from co-operative partners in research and development are added every day.

This is why Akva launched a research project on mattresses and chronic back pain in collaboration with the Danish Centre for Back Research and the University of Southern Denmark.

In addition to this, we continually seek to develop our products by performing tests in hospitals, therapy centres and other institutions.

Back pain is one of the most common health problems in our society. The project analysed the effect of an Akva waterbed, a visco-elastic foam mattress, and a firm mattress on back pain in a long-term test involving 160 patients with chronic back pain.

The results of this research show that, of the three mattress types tested, the water bed has the most positive effect on back pain.

Downloadable from www.akva.com