

A photograph showing a stream of clear water being poured from a large, dark green leaf into a clear glass. The background is a light-colored wall with diagonal shadows from blinds. The text 'Aquaporin Inside' is overlaid at the top in white, with a registered trademark symbol. The text 'The joy of natural water purification' is overlaid at the bottom in white.

**Aquaporin Inside®**

**The joy of  
natural water  
purification**

# Taste Quality Partnership

The Aquaporin Inside® Drinking Water Membranes (DWRO™) are the only drinking water membranes in the world to use aquaporins – nature’s own water filters – to purify water. The result is high-quality and great tasting water that’s purified just as nature intended.



## Premium membranes

The DWRO™ membranes' superior quality and performance places them among the best on the market, and the high flow of water ensures a user experience beyond the expected.



## Taste the difference

The DWRO™ membranes purify water to enhance its flavor and provide you with excellent tasting drinking water.



## We value our partnerships

At Aquaporin, we invest in our partnerships. We make sure you get all the support you need to become a successful part of our journey to revolutionize water purification while staying true to nature.

## SUITED FOR



HOUSEHOLDS



RESTAURANTS



HOTELS

# Drinking water membranes

Powered by  
Aquaporin Inside®

Get familiar with our drinking water membranes. Our solutions are adaptable to all purification systems, and time has proven that our DWRO™ membranes' state-of-the-art purification performance ensures a high consumer likeability.



## DWRO™ FLAT SHEET MEMBRANE

- ✓ World's only biomimetic membrane
- ✓ High quality and stable performance
- ✓ Danish and fully patented technology



## DWRO™ ELEMENTS

- ✓ Ideal for residential and commercial drinking water solutions
- ✓ Standard sizes: 1812-100, 1812-150, 3012-500
- ✓ Custom-sizes available on demand

Product	DWRO™ 1812-100	DWRO™ 1812-150	DWRO™ 3012-500
Permeate flow rate	100 GPD / 15.8 L/h	150 GPD / 23.7 L/h	500 GPD / 79 L/h
Minimum NaCl rejection	96 %	96 %	95 %
Typical NaCl rejection	98 %	98 %	97 %
Applied pressure	60 psi	60 psi	80 psi
Recovery	15 %	15 %	40 %

The stated product performances are based on 250 ppm NaCl solution at 25°C / 77°F. Individual element permeate flow rate may vary ±15%.



# Get excited about water purification

## Mouthwatering water

With our Aquaporin Inside® technology, we enable you to not only meet but also exceed the increasing demand for clean, great tasting drinking water. At Aquaporin, we are excited about water purification, and we want to inspire the rest of the world to share our enthusiasm. That's why we've developed a water purification technology that makes drinking water appealing. Experience tells us that the flavor and natural purification technology appeal to the end user, ensuring you a product that is sought for.

## Danish ingenuity

We are based in Denmark and proud of our Nordic heritage and its uncompromising approach to quality. Homes and industries all over the world depend on our Aquaporin Inside® technology. To make sure our products deliver flawless water streams and clean, safe drinking water without exceptions, our quality management system is ISO 9001:2015 certified. This ensures a product that can be vouched for. Always.

# A drop of nature



The essence of our Aquaporin Inside® technology is to replicate nature's way of purifying water. Through the billion-year long evolution, nature has developed unique water channels, also known as aquaporins. Aquaporins are found in all living organisms from mangrove trees to human kidneys, where they facilitate rapid, highly selective water transportation and purification. In fact, 1 gram of aquaporins can transport up to 700 liters of water per second. The special architecture of the aquaporins allows only water molecules to pass while all other compounds are rejected.

The aquaporins are so important to life on earth that the Nobel Prize in chemistry was awarded to Professor Peter Agre in 2003, as he discovered the aquaporin water channel. At Aquaporin, we now use this discovery to purify drinking water the natural way – in industries, in our homes and even in space, where NASA expects our technology to help realize space missions to Mars.

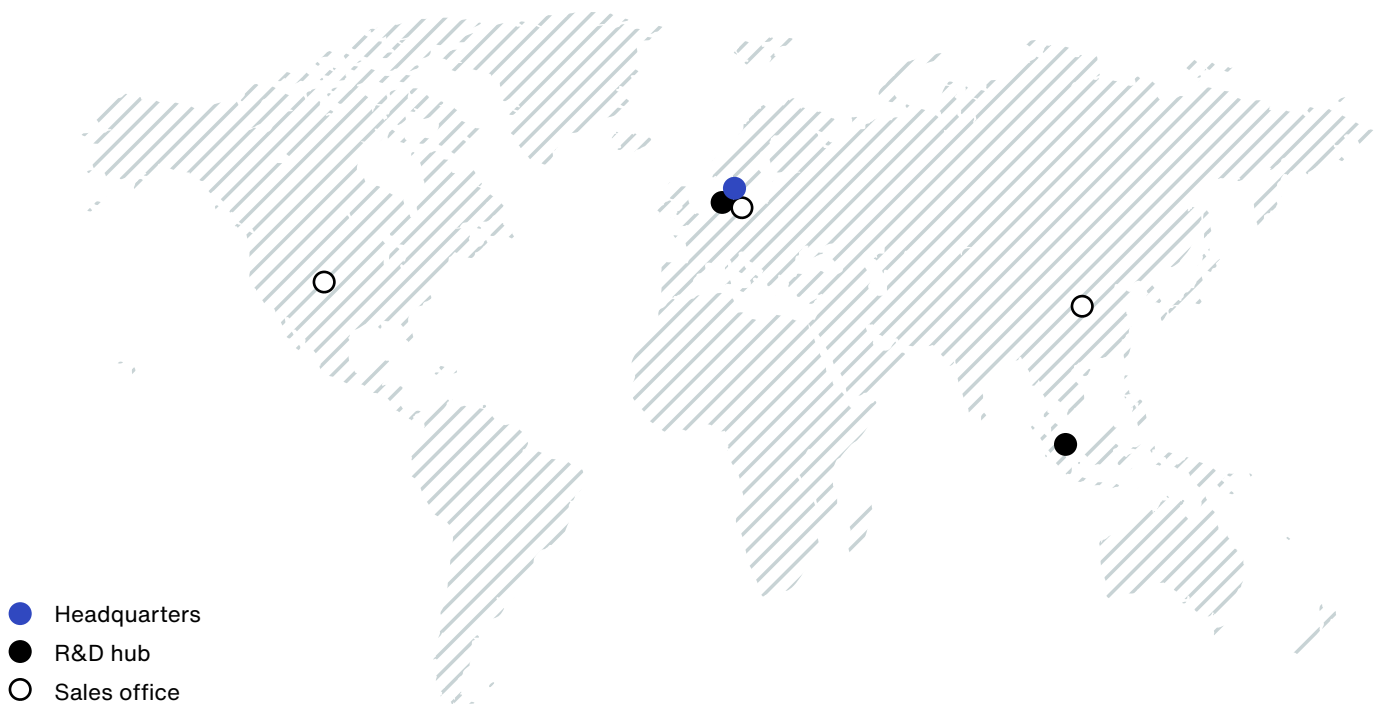


# Aquaporin at a glance

Aquaporin is a water technology company dedicated to making clean water available everywhere without using plastic bottles. We embed aquaporins – nature’s own water purifiers – into water purification membranes. Our proprietary technology, Aquaporin Inside®, is based on Nobel Prize-winning research and removes pesticides, viruses, bacteria and other unwanted

compounds. We work with customers and partners around the globe to meet the increasing demand for more sustainable water purification and enhance drinking water quality and accessibility.

Learn more at [aquaporin.com](https://aquaporin.com).



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**Aquaporin Inside®**