

PWS

Pure Water Scandinavia

PWS CUBO Compact
Pure water. Simplified.



PWS CUBO Compact

The basic need for pure water.

Every hospital and laboratory in Europe consumes large amounts of purified water. To secure clean surgical instruments. To get the correct analysis. To obtain clean samples. To maximize the lifespan and functionality of washer-disinfectors and sterilizers. To clean endoscopy units. To name but a few examples.

Historically, in order to achieve acceptable water quality, hospitals and laboratories have relied on non-standardized water purification products and various combinations thereof. This has resulted in unnecessary, hidden costs and unproportioned maintenance. And all too often, not the optimal water quality.

This was also true in Sweden, despite its large and publicly funded health care system with significant resources. Hence in 2014, Swedish company Pure Water Scandinavia (PWS), with a long track record in water purification, set out to create a game changer: CUBO Compact.

CUBO Compact

The CUBO Compact turns incoming tap water, regardless of quality, into ultra-pure water, suitable for each and every cleaning process in laboratories and hospitals.

It is installed and ready to cost-efficiently produce ultra-pure water in less than a day. Only requiring the space of a large refrigerator

The CUBO Compact has a globally proven track-record of secure functionality since market launch in 2014. Monitored online and via the touch screen built into the sleek cabinet.



Size S with XL functionality

PWS CUBO Compact requires less space than a large refrigerator.

Open the discreet white panels of the freestanding cabinet and you find pretested components, pumps, filters and tanks ingeniously assembled to secure function, monitoring and quality. Existing systems require three times the space of a CUBO Compact.

Plug and Play

PWS CUBO Compact is easily installed in less than a day. Incoming water: municipal tap water. Outgoing water: stable, high-quality, ultra-pure water fit for use in every conceivable process in hospitals and laboratories. Prior to delivery, every machine is tested by specialist technicians at PWS's headquarter and production site in Sweden.



Easily scalable

PWS CUBO Compact is manufactured in three models: 150, 300 and 500. The numbers indicating the liters of ultra-pure water possible to produce every hour. And of course, CUBO Compact has a built-in buffer tank.

Need more? No problem, CUBO Compact is designed to be able to connect multiple units in parallel to produce even higher volumes of water simultaneously.



Meets every standard

PWS CUBO Compact meets rigorous, global certification standards: NE/IEC 61010-1:2010, EN 61000-6-3:2007+A1-EMC, UL 61010-1:2012 Ed.3+R:29Apr2016 and CSA C22.2#61010-1-12:2012 Ed.3.

Following exports to Asia, South America and Europe the functionality of the PWS CUBO Compact has been challenged by harsh environments and various water qualities. From Kirkenes, Norway, in the North to Toowoomba, Australia, in the South, CUBO Compact has successfully proven itself across the globe, setting a new standard in water purification.



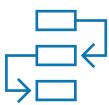
High Tech with purpose

PWS CUBO Compact can be monitored online. A touch screen on the unit also lets you control every vital function with ease and logic. After all, a secure production of ultra-pure water is at the heart of the cleaning process. Examples of values monitored: tank level, filter status, conductivity levels, salt level and, of course the quality of the outgoing, ultra-pure water.



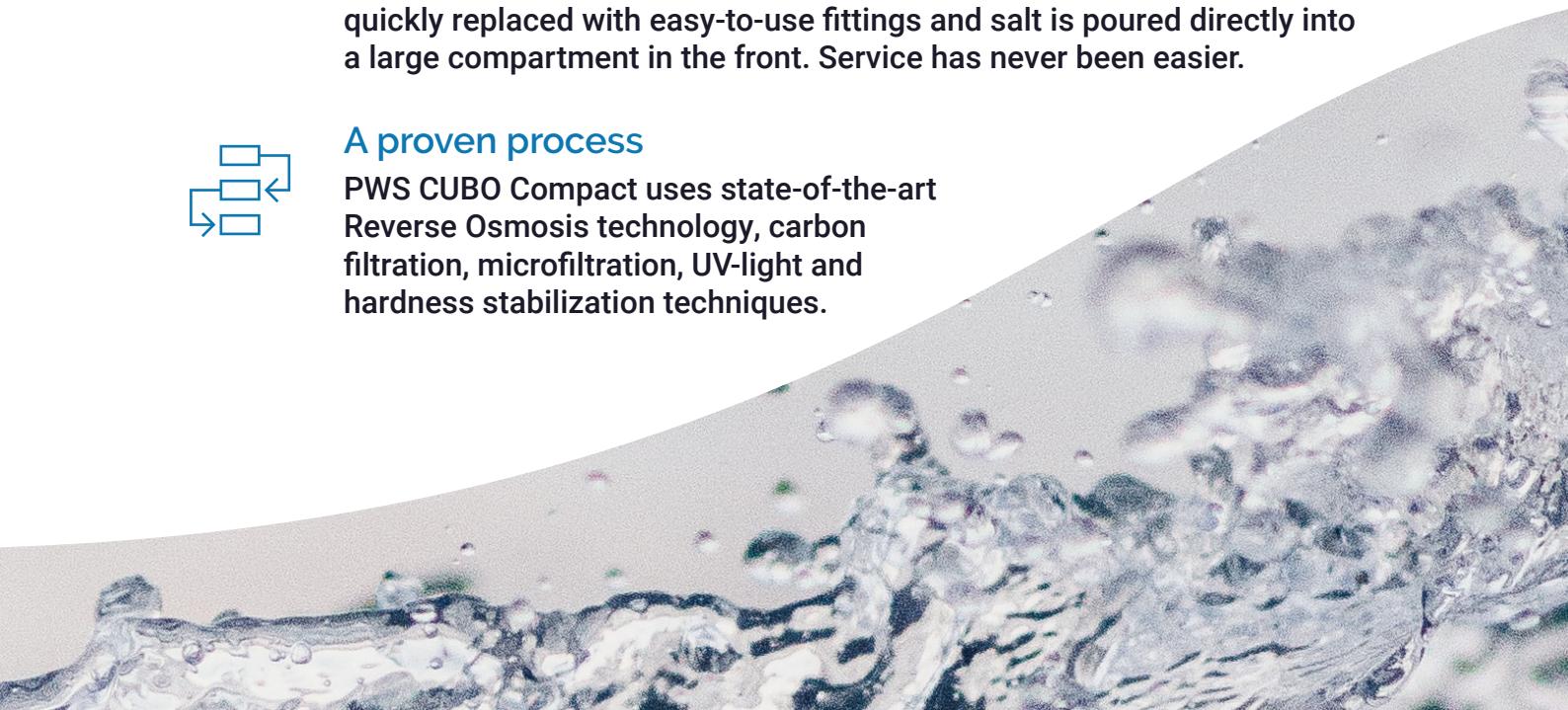
Easy to service

PWS CUBO Compact is one of the easiest systems on the market to service. Replacing the high-performance filters or refilling salt for descaling is done in a matter of minutes. All components are easily accessible through the doors of the compact cabinet. The filters are quickly replaced with easy-to-use fittings and salt is poured directly into a large compartment in the front. Service has never been easier.



A proven process

PWS CUBO Compact uses state-of-the-art Reverse Osmosis technology, carbon filtration, microfiltration, UV-light and hardness stabilization techniques.



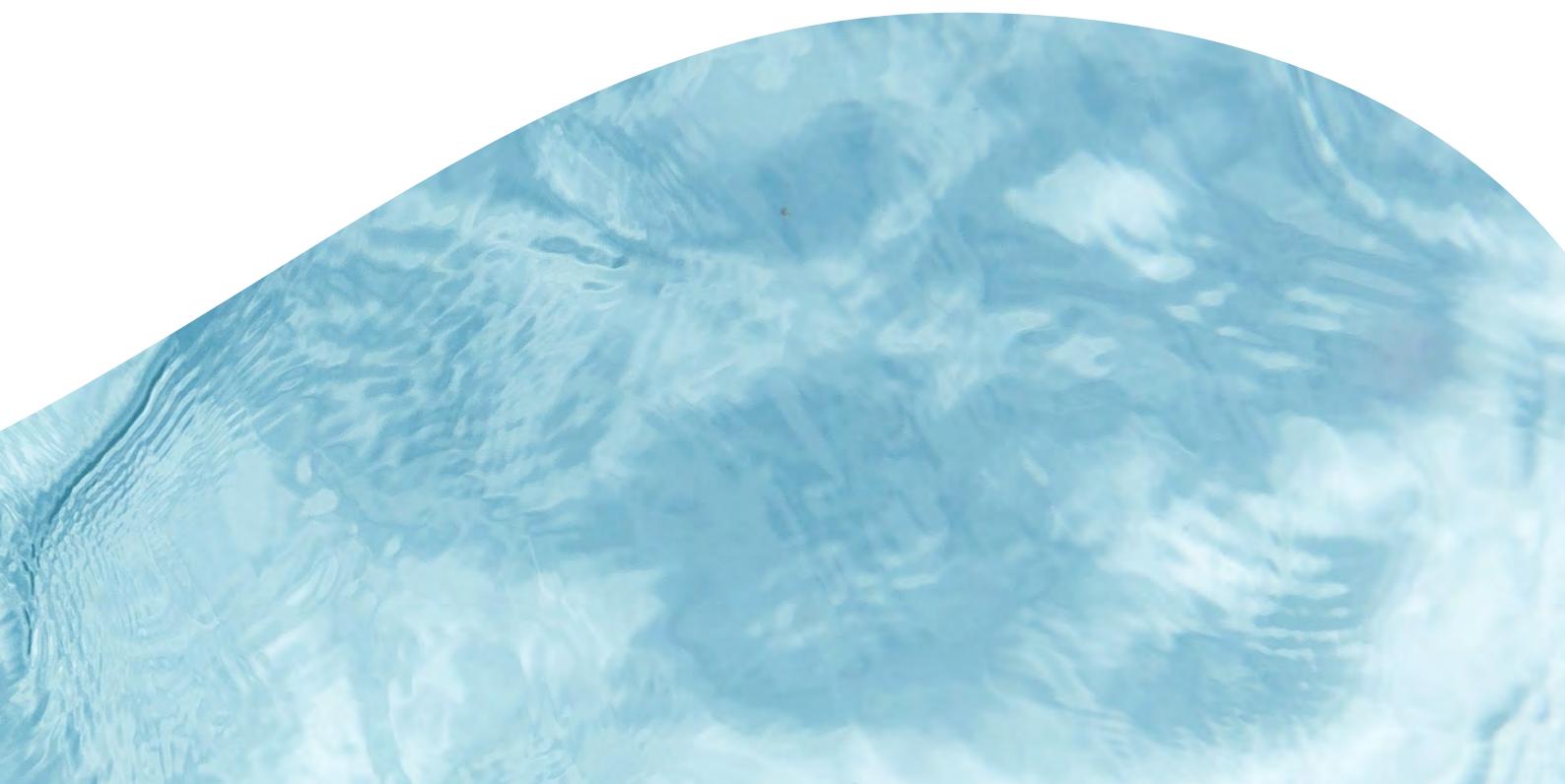


All the water treatment you need in one spot

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|--|---|---|--|--|
| 1. Compact size and easy to install
Fits through a standard door | 3. Salt reservoir
With door for easy salt refill | 5. RO-filter
Compact membrane design – ease replacement – up to 99% reduction of dissolved salts. | 7. UV-light
Kills or inactivates bacteria and viruses. | 10. Control and power unit
7" LCD color touchscreen. 2 x USB. Ethernet. RS-232. SD-card. |
| 2. Softener
A duplex water softener. Non-stop production. | 4. PrePack
Particle and carbon filter combined absorbs chlorine and organic materials. 1 micron filtration. | 6. EDI (option)
Electrodeionization | 8. Water tank
300 liters. | 11. Distribution Pump |
| | | | 9. Pump
Reverse osmosis | |

Technical specifications

Cubo Compact Model	150 RO / 150 E	300 RO / 300 E	500 RO / 500 E
Capacity (liters/h) at 15°C	150	300	500
Nominal rejection (%) excl. EDI		>98%	
Nominal rejection (%) incl. EDI		>99,9%	
Feed water pressure (bar)		3-5	
Electricity		400V, 50Hz, 10A	
Max effect required (kW) excl. EDI	1,85		2,3
Max effect required (kW) incl. EDI	3,0	3,5	4,0
Weight (kg) excl. EDI	315	320	350
Weight (kg) incl. EDI	340	350	380
Width (mm)		1000	
Depth (mm)		600	
Height (mm)		1800	



PWS, Pure Water Scandinavia

Founded in 2001 by Lars Wiklund, former Managing Director and Sales Manager of US Filter Sweden.

Headquarters and certified production site with specially trained technicians in Falun, Sweden.

Develops and manufactures cutting edge, plug and play units for safe production of ultra-pure water. PWS also designs and installs distribution loops with own staff – globally.

Since 2018, PWS is a part of Sdiphtech AB, a Swedish industrial group.

