

Racun – Water treatment for areas where failures are not an option

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Maximum safety

Cloud monitoring & proactive fault notifications

2-in-1 filtration

Up to 11× 12,000 Gauss + 1-µm fine filter

Intuitive control

via smartphone/tablet/notebook

Energy-efficient & quiet

PWM pump + high-quality insulation

Immediately online, even in the basement

Integrated eSIM – no IT infrastructure required

optional

Automatic replenishment & communication module (MQTT, MODBUS TCP/RTU, Wi-Fi, and Ethernet)



Racun – developed for industry, hospitals, data centers, and anyone who can't afford disruptions.

our water. safe.

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Your contact person

Racun treatment devices

100/300



"Racun is the new generation of intelligent cooling and heating water treatment."

Automatic and trouble-free

The Racun series stands for stationary treatment and filling devices that reliably ensure permanently stable water quality even in complex and highly sensitive systems. Wherever failures have serious consequences – in industrial plants, hospitals, local heating networks, or data centers – Racun offers a level of safety that sets new standards.

At the heart of the system is a comprehensive monitoring and protection concept: continuous monitoring of conductivity and make-up water volume with automatic leak protection that prevents uncontrolled water leakage (optional), automatic treatment and shutdown, and complete logging of all operating data in the UWS cloud portal ensure maximum transparency and safety. Operators can detect deviations at an early stage, plan maintenance in advance, and thus ensure trouble-free system operation.

Racun also sets new standards in terms of ease of use: control is intuitive via the integrated access point with web server, without the need for additional software or IT expertise. The integrated eSIM ensures immediate connectivity – even in remote technical rooms or basements, without the need for Wi-Fi or network infrastructure.

Optionally, a communication module enables seamless integration into modern buildings and control systems (MQTT, MODBUS TCP/RTU, Ethernet, Wi-Fi).

NEW!



Racun sets new standards for standard-compliant water treatment.

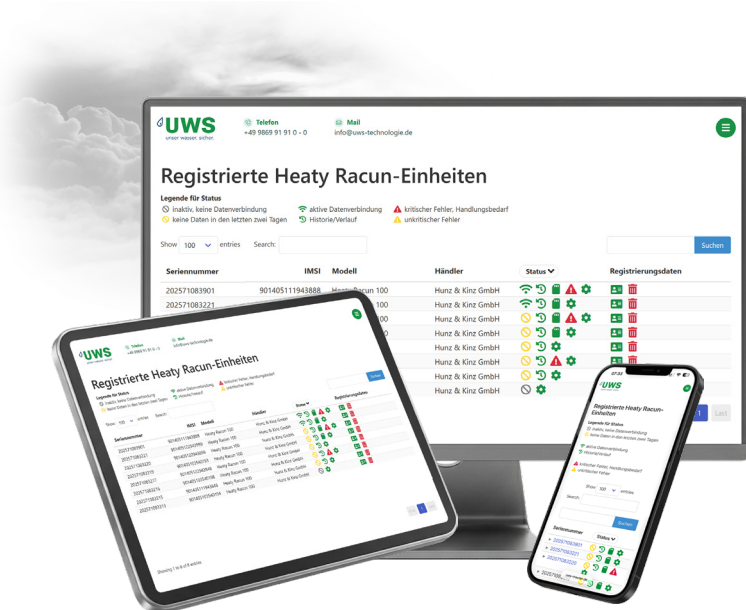
The new UWS Cloud Portal

The new UWS Cloud Portal – a central platform that combines all of the company's product areas in a single digital system for the first time. Proactive fault messages, permanent real-time monitoring, and complete data documentation via the cloud portal ensure that deviations are immediately detected and archived in a traceable manner. This reduces the risk of failure and creates additional security in critical infrastructures such as industrial plants,

clinics, local heating networks, and data centers. Thanks to the integrated access point, the devices can be easily operated via smartphone or

notebook – without any software installation or IT knowledge. Offline versions without eSIM are also available for security-critical installations.

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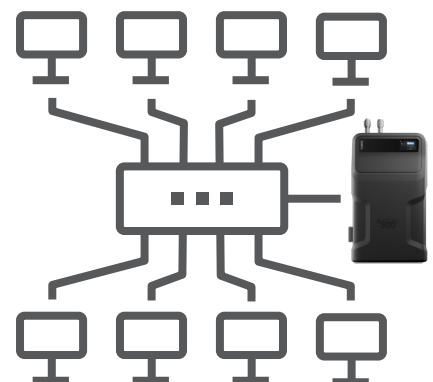
Expand your Racun with additional versions!

Fully automatic replenishment Version FILL

Thanks to constant system pressure, complete documentation of all refill quantities, and integrated leakage protection with a solenoid valve, the system automatically maintains stable pressure while protecting against uncontrolled water loss. This increases operational safety and creates full transparency regarding the replenishment quantity.

Future-proof networking Version COM

The communication module supports COM MQTT, MODBUS TCP/RTU, WLAN, and Ethernet. This allows you to easily integrate the system into existing buildings and control technology, enabling you to exploit automation potential and make future expansions possible without any effort – a real investment protection.



Technical data	RACUN 100	FILL	COM	FILL COM	RACUN 300	FILL	COM	FILL COM
Suitable for system sizes	up to 80 m ³				80 - 1.000 m ³			
Max. operating pressure	8 bar				8 bar			
Ø Circulation capacity during filtration	Pump PWM controlled. Filtration approx. 4,500 l/h				Pump PWM controlled. Filtration approx. 9,500 l/h			
Ø Circulation capacity during treatment and filtration	approx. 800 l/h				approx. 2,300 l/h			
Capacity at 420 µS/cm to < 100 µS/cm*	3,420 l				9,360 l			
Power supply	230 V / 50/60 Hz				230 V / 50/60 Hz			
Weight (including mixed bed resin filling)	59 kg				122 kg			
Dimensions D/W/H mm	444 / 685 / 1,209				540 / 830 / 1,581			
Contents Vadion pH-Control	23 l				63 l			
Suitable for hot water up to 80 °C	✓	✓	✓	✓	✓	✓	✓	✓
Bypass capable	✓	✓	✓	✓	✓	✓	✓	✓
Fine filter	1 µm				1 µm			
Magnetite separator	6 x 12,000 Gauss				11 x 12,000 Gauss			
Insulation according to GEG 20245	✓	✓	✓	✓	✓	✓	✓	✓
NFC technology for Vadion Tag	✓	✓	✓	✓	✓	✓	✓	✓
Integrated eSIM with automatic cloud connection	✓	✓	✓	✓	✓	✓	✓	✓
Includes Make-up module								
Max. filling capacity		approx. 1,200 l/h		approx. 1,200 l/h		approx. 3,000 l/h		approx. 3,000 l/h
Automatic leak protection		✓		✓		✓		✓
Standard-compliant replenishment incl. documentation		✓		✓		✓		✓
Includes Communication module								
MQTT, MODBUS TCP/RTU, Ethernet, WLAN			✓	✓			✓	✓
Article number	U-311010	U-311011	U-311012	U-311013	U-311030	U-311031	U-311032	U-311033

* The capacity specifications are based on the ideal case. Deviations may occur due to application errors, water quality and temperature.