

HEATY RACUN 300 ADVANCED PLUS: THE FILLING DEVICE THAT THINKS FOR ITSELF

Complete device for professional bypass treatment, permanent magnetite filtering and monitoring of conductivity in the circulating water

Für Kühl- und Heizkreisläufe geeignet

Heaty Racun-Series

(Water treatment for heating and cooling circuits for fixed installation)

In larger residential complexes and industrial buildings, faults often occur due to contaminated system water. The treatment of the system water usually takes several days to weeks, during which the HVAC specialist has to visit the site every day.

Our **Heaty Racun** provides a remedy! Because this mobile treatment device thinks for itself. The Heaty Racun is simply

connected at the installation site and does the rest on its own. As soon as the water quality meets the set parameters, it switches off automatically.

If the water quality deteriorates again, the **Heaty Racun** switches on again automatically to direct a partial flow of the system water through the treatment system via the installed changeover valve.

Your advantages

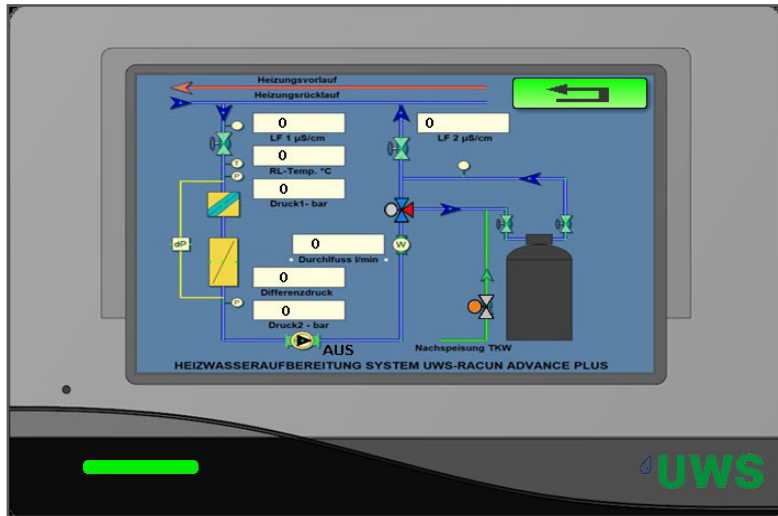
- ✓ Improves the system water quality in existing plants using the bypass process
- ✓ Suitable for initial treatment and replenishment
- ✓ Operable control computer with touchscreen
- ✓ CAN bus for communication with CAN bus devices
- ✓ Integrated Modbus RTU interface
- ✓ Modbus-TCP (optional)
- ✓ Acquisition of operating data and control via the Internet (optional)
- ✓ Timer and wake-up function
- ✓ BMS connection
- ✓ Recording of operating data on SD memory card
- ✓ Flow regulation of the total volume 1.8 m³/h to 7.2 m³/h
- ✓ Electronic flowmeter
- ✓ Differential pressure switch-off if the filter is dirty and the flow rate falls below the minimum flow rate



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Easy-to-operate, fully electronic control with display of the respective operating statuses



Fully electronic control

- ✓ Digital display of measured values in large, clear display
- ✓ LED display of the operating states in the flow diagram
- ✓ Freely selectable limit values for leakage volumes and conductivities in the heating circuit
- ✓ Message when mixed bed resin is used up
- ✓ Central safety switch for switching on/off

The appliance at a glance

- Suitable for system sizes from 20 m³
- 1µm filtration for high water purity requirements
- Differential pressure measurement as a visible check for the exhaustion status of the filter unit
- Adjustable volume flow
- Suitable for initial treatment with composite tanks connected in series
- Fixed installation for sustainable system operation
- Writing the work history to SD card

Technical data

	Heaty Racun 300 Advanced Plus
Max. filling capacity*	3,000 l/h
Max. Operating pressure	6 bar
Ø Circulation capacity in bypass with magnetic separator & filtration	Adjustable from 1,800 to 7,200 l/h
Ø Circulation capacity in the bypass for treatment and filtration	approx. 2,400 l/h
Capacity at 420 µS/cm to < 100 µS/cm**	9,360 l
Power suppl	230 V / 50/60 Hz
Weight (incl. mixed bed resin filling)	approx. 143 kg
Contents Vadion pH-Control	63 l
Suitable for hot water up to 80 °C	✓
Bypassable	✓
Item number	100481-SL

* Dependent on system and mains pressure.

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

