

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

Suitable for cooling and heating circuits



Heaty Racun-Serie

(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 sim-

ply 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 value. .

Your advantages

- ✓ Improvement of the system water quality in existing plants using the bypass process
- ✓ Bypass treatment of the system water after initial filling with municipal water
- ✓ Fulfilment of current national standards such as VDI 2035, Ö-NORM H 5195-1 and SWKI BT 102-1
- ✓ Ideal solution for use in stages of construction
- ✓ (e.g. boiler house and pipeline network)
- ✓ Quick & flexible to use (prerequisite: 2 connection options)
- ✓ Magnetite filtration through built-in magnetic flux filter
- ✓ Permanent monitoring of conductivity in the system and automatic treatment if limit values are exceeded
- ✓ Integrated fine filter down to 1 µm
- ✓ Optional: Automatic replenishment in conjunction with a system separator
- ✓ Leakage protection through adjustable replenishment water volume via pulse water meter
- ✓ Automatic switch-off and signalling to the building management system via potential-free contact when the mixed bed is empty



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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 up to 40 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 100 Advanced
Max. Filling capacity (approx.)*	1,200 l/h
Filtration bypass process	max. 2,400 l/h
Ø Treatment in bypass process	max. 750 l/h
Max. Operating temperature	80 °C
Weight (approx.)	47 kg
Mixed bed content	23 l
Capacity at 420 µS/cm to < 100**	3,420 l
Power supply	230 V
Article number	100488-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.

