

# HEATY RACUN: THE FILLING DEVICE THAT THINKS ALONG

Complete unit for professional bypass treatment, permanent magnetite filtration and monitoring of the conductivities in the water circuit

Suitable for cooling and heating circuits



## Heaty Racun-Series

(Mobile filling device with an automatic switch-off when the desired water quality is reached)

In large residential complexes and industrial buildings there are often disturbances due to contaminated system water. The treatment of the water usually takes several days to weeks in which the specialist has to go to the place of operation every day.

Our **Heaty Racun** provides remedy. The **Heaty Racun** is only connected at the place of use and he'll do the rest alone.

As soon as the water quality meets the set parameters it switches off automatically.

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

## Your advantages

- ✓ Improvement of the system water quality in existing plants using the bypass treatment
- ✓ Bypass treatment of the system water after initial filling with city water
- ✓ Compliance with current country standards like VDI 2035, Ö-NORM H 5195-1 and SWKI BT 102-1
- ✓ Ideal solution for use in construction phases (e.g. boiler house and pipe network)
- ✓ Fast and flexible application (condition: two options of connection)
- ✓ Magnetite filtration through built-in magnetic filter
- ✓ Permanent monitoring of the conductivities in the plant and automatic processing at limit value transgression
- ✓ Optional: Automatic replenishment in case of pressure loss in conjunction with a system separator
- ✓ Leakage protection by adjustable replenishment water quantity via impulse water meter
- ✓ Automatic switch-off and alarm to central building control system via potential-free output when mixed bed is used up



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Easy to operate and fully electronic control with a display of the respective operating conditions



## Fully electronic control

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

## Including

Synthetic container (filled with 23/63 litres mixed bed Vadion pH-Control) Magna-Clean Professional2XP, circulating pump (11m), measuring sensors, digital display, shut-off devices, removal tap for better control, changeover valve, funnel for easy refilling the mixed bed resin, run-over protection, check valve, sieve seal against resin ingress.

## Technical Data

	Heaty Racun 100	Heaty Racun 300
Max. filling performance (approx.)*	1,200 l/h	3,000 l/h
Ø filling performance in the bypass process (approx.)	750 l/h	750 l/h
Min. flow pressure	1.5 bar	1.5 bar
Max. operating pressure	6 bar	6 bar
Max. operating temperature	80 °C	80 °C
Height / width / depth (approx.) mm	1,230 / 520 / 410	1,410 / 710 / 500
Weight (approx.)	45 kg	73 kg
Mixed bed contents	23 l	63 l
Capacity for 420 µS/cm to < 100**	3,420 l	9,360 l
Electricity connection required	Yes	Yes
<b>Order number</b>	<b>100471-SL</b>	<b>100473-SL</b>

\* Depending on system pressure and mains pressure..

\*\* The capacity figures are based on the ideal case. There may be variations due to errors in usage, water quality and temperature..

