

Replenishment

- Heaty Complete Home
- Heaty Complete Advanced
- Heaty Complete PROfessional
- Heaty Complete GLT
- Heaty Complete Fix



Why refill?



Professional replenishments

The correct water quality during refilling is crucial to prevent damage and maintain warranty claims. In order for a heating or cooling system to function optimally, there must always be a sufficient amount of water available. However, a reduction in system pressure and a loss of the carrier medium to a certain extent are unavoidable. The plant operator must therefore regularly add water. Three parameters play a role here: system separation, water treatment and monitoring. This ensures long-term, functional and safe operation of the system. Make-up systems must comply with the guidelines of VDI 2035, ÖNORM H 5195-1, SWKI BT 102-1 and VDI 6044 in order to protect against corrosion and scale formation and to keep the pH value in the correct range.

Treatment with Vadion pH-Control

Scale formation, corrosion and magnetite are common causes of damage in heating and cooling systems. For these reasons, the VDI standards provide guideline values for the circulating water. These form the basis of many warranty conditions - which planners, installers and operators should always keep in mind. If the specified guidelines are not complied with, there is a risk of the manufacturer refusing to commission the device, refusing to accept the warranty in the event of damage, and loss of performance and efficiency.

Treating the supplementary water with Vadion pH-Control ensures compliance with the specified values.

Did you know?

Thanks to the IoT capability of the **Heaty Complete PROfessional**, monitoring and fully automatic refilling with leak protection is very easy!

Replenishments extend the service life and functionality

The three parameters mentioned at the beginning, system separation, water treatment and monitoring, ensure a long service life, functionality and reduce maintenance costs. This saves a lot of costs for the customers. The central function is water treatment with softening, desalination and adjustment of the pH value.

DID YOU KNOW?

Thanks to Vadion pH-Control, the pH value adjustment is also automatic.



Digitization/Cloud

Cloud and IoT capability as the key to efficiency

Wouldn't it be ideal if you had an overview of the operating status of all installed water refills at all times? What if treated heating water were added automatically and in accordance with standards? Our Heaven 7 Cloud Solution enables HVAC companies, housing associations and industrial companies to monitor and control their water replenishment systems in a completely new way. This saves resources and therefore money!



A future full of advantages:

The Heaty Complete PROfessional is the world's first smart IoT make-up unit that offers a variety of advantages for installation, commissioning and ongoing operation. The IoT connection is established automatically via the mobile data network, which eliminates the need for the tedious setup of network connections, Wi-Fi or an app. A simple QR code on the device is enough to effortlessly register the refill in the cloud portal. Or they can do it later in the comfort of their own office.

The heart of the IoT-enabled replenishment is the cloud portal, which provides a central interface for all relevant data and messages. Thanks to the integrated eSIM, the cloud connection is established automatically via the mobile data network – even in the basement, without any WLAN or other network infrastructure. All data and reports can be easily accessed via the cloud portal. If the smart cloud refill system detects an unexpected drop in pressure or increased refill quantities, a warning message is sent to the cloud and a proactive notification is sent to the technician or operator. The Heaty Complete PROfessional also warns when the resin capacity is low. Early intervention can prevent costly consequential damage.

5-year Complete PROfessional Package

You can purchase the Heaty Complete PROfessional as usual from your specialist wholesaler.

This means you automatically receive the 5-year Complete PROfessional package.

This includes:

- all costs of the cloud connection
- your cloud portal
- monitoring of all parameters and
- the automatic sending of 2 additional refill cartridges.

Without any subscription obligations.

Highlights

- ➔ Automatic IoT connection
- ➔ Clear cloud portal
- ➔ Also works in the basement

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Heaty Complete Home



The **Heaty Complete Home series** is a completely pre-assembled make-up unit! It is used when there is no system separator available on site. The indicator resin shows when a cartridge should be changed by changing color. Thanks to Vадion pH-Control, the **pH value adjustment** is also automatic. The Heaty Complete Home is available in the versions "Home" with 0.75 l mixed bed resin, "Home XL" with 12.5 l resin and Duplex with 3 l resin. The OFK variant is used when a filling combination has already been installed on site.

Your benefits

Easy handling

Safety through indicator resin as consumption indicator

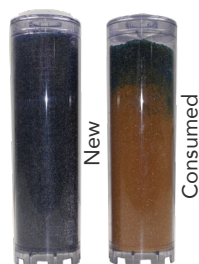
The analog design does not require a power supply

Also available as MBus or variant with pulse water meter



DID YOU KNOW?

The **indicator resin** shows when a cartridge should be changed by changing color. Thanks to Vадion pH-Control, the **pH value adjustment** is also automatic.



Heaty Complete	Home	Home XL	Duplex
Max. filling capacity*	60 l/h	120 l/h	240 l/h
Max. operating pressure	8 bar		
Max. operating temperature	45 °C		
Height / width in mm	315 / 133	571 / 133	571 / 275
Weight (approx.)	3,5 kg	4,8 kg	7 kg
content mixed bed	0,75 l	1,5 l	3 l
Capacity at 420 µS/cm to < 100**	113 l	225 l	450 l
power connection required	No		
Article number	100330	100331	100332

Heaty Complete Advanced



The **Heaty Complete Advanced** is an automated water make-up system for fixed connections in accordance with DIN EN 1717. It is suitable for filling heating and cooling water according to DIN 2035, ÖNORM H 5195-1, SWKI BT 102-1, VDI 6044 or BTGA 3.003. All values can be easily read via the digital display with simple menu navigation. When the system pressure drops, the system is automatically refilled with demineralized water via the filling combination. Extremely short installation length and a flange (horizontal, vertical, 45°) as well as a flexible wall bracket (every 45°) facilitate installation. The refill station issues both an acoustic and visual alarm when the capacity of the mixed bed resin is exceeded. The backflow preventer and the BA system separator ensure double operational safety. Initial filling of small systems possible.

your benefits

Only 340 mm installation length including filling combination. The short design makes installation in confined boiler rooms or during modernization easier.

The digital menu navigation makes installation and operation intuitive. This saves time and nerves.

Proactive signal messages clearly indicate an upcoming cartridge change.

Thanks to the long-lasting and powerful battery, no power connection is necessary. Once charged via the included USB cable, it supplies the replenishment unit with energy for many months.

DID YOU KNOW?

The **digital water meter** measures both the refill quantity of water treated in accordance with standards as well as the refill quantity of **untreated water** when the resin has been used up but is still being refilled.



Heaty Complete	Advanced	Advanced XL
connection thread	3/4" AG for ÜWM flat sealing	
max. operating temperature	40 °C	
max. filling capacity*	65 l/h	120 l/h
max. operating pressure	6 bar	
Capacity at 420 µS/cm to < 100**	120 l	225 l
pressure reducer	adjustable	
electrical connection	230 V/50 Hz	
Built-in length	340 mm Flat sealing to flat sealing with filling combination and shut-off valve	
Article number	100390	100391

Heaty Complete PROfessional



The user-friendly menu navigation reduces the potential for errors to a minimum, while the integrated leak protection warns of water damage. The documentation in the UWS Master Cloud protects against claims for recourse by recording every work step and every replenishment. Proactive communication minimizes unnecessary service calls through targeted trips. The connection to the cloud enables a comprehensive overview of all refills and customers. Status updates on cartridge changes, software updates and device history are available at any time. Early error detection and easy correction are guaranteed.

Welcome to the future of fully automatic water refills.



DID YOU KNOW?

The **fully automatic Heaty Complete PROfessional water refill** ensures constant pressure conditions and thus ideal efficiency in the heating system. The **leak protection** provides security against uncontrolled water leakage and costly building damage.

Heaty Complete	PROfessional	PROfessional XL
connection thread	3/4" AG for ÜWM flat sealing	
max. operating temperature	40 °C	
max. filling capacity*	65 l/h	120 l/h
max. operating pressure	6 bar	
Capacity at 420 µS/cm to < 100**	122,5 l	225 l
pressure reducer	adjustable	
electrical connection	230 V/50 Hz	
Built-in length	340 mm Flat sealing to flat sealing with filling combination and shut-off valve	
Article number	100392	100393

Your benefits

Automatic connection via eSIM – even in the basement without WiFi or network infrastructure, no setup required

Continuous monitoring with proactive alerts

5-year Complete PROfessional package including 2 refill cartridges and cloud connection

Safety: Documentation of the amount of treated and untreated water via integrated water meter

Plannable service calls thanks to proactive communication

Alarm message when capacity falls below

Digital capacity display for resin

Short installation length of only 34 cm

Initial filling of small systems can be carried out easily by one person

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Heaty Complete GLT and Heaty Complete Fix



The Heaty Complete Fix LED series and the Heaty Complete GLT series are completely pre-assembled feed-in units! They are used when the systems are larger than 400 liters and there is no system separator on site. The Heaty Complete GLT series offers capacity control with output of a message to the GLT. The message is sent via a potential-free contact (NC or NO), which is switched when the resin is exhausted or there are problems with the measuring technology. The Heaty Complete Fix series has a measuring cell with LED display and shows the remaining capacity of the mixed bed resin.



Your benefits

Ideal for large filling quantities from 400 liters

Fast filling up to 2,400 l/h

Compliance with VDI 2035, ÖNORM H 5195-1 and SWKI BT 102-1 in one step

Easy handling

Safety through probe measurement or LED capacity display

By filling with Vadion pH-Control only 1 step is necessary

Heaty Complete GLT/Fix	Mini	small	Big	Tall
Max. filling capacity*	360 l/h	600 l/h	1,200 l/h	2,400 l/h
Max. operating pressure	8 bar			
Max. operating temperature	50 °C			
content mixed bed	6 l	9,5 l	23 l	46 l
Capacity at 420 µS to < 100**	900 l	1.425 l	3.420 l	6.840 l
Article number GLT	100380	100381	100382	100383
Article number Fix	100345	100346	100347	100348

* Dependent on system and network pressure.

** The capacity specifications are based on the ideal case. It can be caused by application errors, water quality and temperature deviations may occur.

DID YOU KNOW?

Specially developed for large and very large heating systems with filling quantities of 400 liters or more.



our water. safe.

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