

## Electronic heat cost allocator Q caloric 5

### Acquisition of consumption data with electronic heat cost allocators from QUNDIS

Alongside advanced measuring technology that has proved its worth millions of times over, we have access to one of the largest heat transmission coefficient databases (kc-values) for almost any type of radiator available, without which the evaluation of measured results would not be possible. In addition, QUNDIS devices are equipped with powerful lithium batteries that make reliable measurements possible over a period of 10 years.

### The future of heat cost allocators begins today

With the new product generation, you have a complete range of heat cost allocators and accessories available that have all been optimally matched to one another. Developed with the optimisation of your processes in mind, the new devices replace the previous heat cost allocator families 201x/202x and WHE3x/WHE4x, though they are of course compatible in terms of installation profile and measuring algorithm.

### With radio – without risk

Our radio systems are completely harmless from an electromagnetic point of view. The optimised transmission power and minimal transmission time of the measuring devices have the effect of keeping all values well below the limit values specified in the German Federal Emission Protection Directive.



### Q caloric 5

A generation that will set new standards

~ Complete: The product range has the right device for every requirement (one or two sensors, with or without integrated IrDA interface, with QAMR or Q walk-by radio, ...).

~ Individual: The wide range of parameter setting possibilities allow optimum integration of the devices in your existing processes.

~ Safe: All device types are equipped with an electronic opening contact and a special factory seal, which means any attempts at manipulation can be detected quickly.

~ Open: An open system architecture with standardised interfaces enables simple further processing of the data in your programs.

~ Intelligent: Through the display of the due date, sensor system, measuring algorithm and radio mode (if appropriate) in sleep mode, the suitable device can be selected in the warehouse.

~ Reliable: The world's most up-to-date, fully automated assembly line for heat cost allocators guarantees you top-level quality – for every single device.

### The remote sensor for retrofitting – Flexibility can be this easy

With the Q caloric 5 you can turn any compact device into a remote sensor device if necessary. All you have to do is insert the remote sensor (available separately) with the respective cable length required (1.5 m, 2.5 m or 5.0 m) onto the heat cost allocator, and the device activates and monitors the sensor automatically. Programming or separate start-up is not necessary. This reduces the number of product variants required – and thus your stockkeeping – considerably.

### The new programming adapter – So small and yet so useful

The newly developed programming adapter allows the required due date to be set on the device without additional tools being necessary. In addition, it can be used to deactivate the due date function, so that the heat cost allocator continues to meter consumption like a roller type counter. It can also start radio mode before installation, which means you can pre-configure our radio systems in the office. If necessary, you can even use the new adapter to reset fault messages and the indication of housing opening e.g. in the event of manipulation.

### One software platform for all the devices of the new generation

Q suite 5 is the new platform where parameters can be set for all the software modules of the meters used, and meter readout can take place. An intuitive standardised interface ensures user-friendly use. In addition, standard export formats are supported, making integration in your systems easier.

### The suitable system for every application

As one of the leading suppliers of systems for consumption data acquisition, we offer a comprehensive selection of systems that can help you meet any requirement.

Q basic: These devices are read out visually and the measured results are noted manually.

Q opto: With this system, devices are read out electronically on site using an optical close-range interface (IrDA).

Q walk-by: In this case, the devices are read out on site via radio signal and a mobile data logger without the need to enter the premises.

QAMR: With this system, data from the meters are transmitted continually, received, checked and stored by stationary data loggers and then transmitted directly to the measuring services office through a gateway.

See our QUNDIS system brochure for further information about our systems.

### The QUNDIS product family

Universal functionality covering all of our systems and products spells an enormous advantage for users. Should application conditions change or the customer have new requirements, the system can easily be changed without having to leave the QUNDIS family. A change or an upgrade from one system to another is often very straightforward, making the changeover to current technologies such as radio and smart metering much easier.

