

# Q Caloric 5.5

- Electronic heating distribution meter, which registers heating consumption and sends data 24 hours a day, 365 days a year
- Built-in radio module transmits telegrams in the OMS standard (Open Metering System)
- Readings are made using a double sensor system, which ensures precise measurement of heating consumption
- Can be integrated into Brunata Net or read using DriveBy



## Features and function

Q Caloric 5.5 is an electronic meter that registers heating consumption from a radiator. The meter operates by using a double sensor system and makes it possible to register each individual resident's heating consumption in a property.

The aim of installing individual heat distribution meters, is to ensure that there is a fair distribution of the property's heating costs, so that each individual resident pays for their own heating consumption. Experience shows that individual measurement of heating consumption results in energy savings – and this benefits the environment and residents' budgets.

## Reading options

The meter has an easily understandable display, where the resident can read the meter's registered readings. Because the meter is manufactured with a

fixed production scale, the registered consumption will be multiplied with a technical factor before billing is prepared. This is done to adjust the registration to the radiator's output.

The meter has a built-in radio module and can be read via Brunata DriveBy, where the meters are read at an agreed time, without Brunata having to enter the apartments.

The built-in radio module also provides the option for reading via Brunata Net, which is a radio network, which can be set up in all types of properties. The meter data is collected and saved in a central database at Brunata's address.

If the property has Brunata Net, you can gain access and follow your own meter data via WebMon, which is a part of Brunata's online services. WebMon provides both residents and administrators the option of following consumption development and consumption patterns.

## Overview

- Measures heating consumption via an internal or external sensor
- Type approved with application range 35–110 °C and for installation in ¼ height
- wMBus 868 MHz C mode – OMS (Open Metering System)
- Sequential counters without annual reset
- Historical monthly values (up to 13 months) transmitted as part of the meter telegram
- Battery lifetime of 10 years

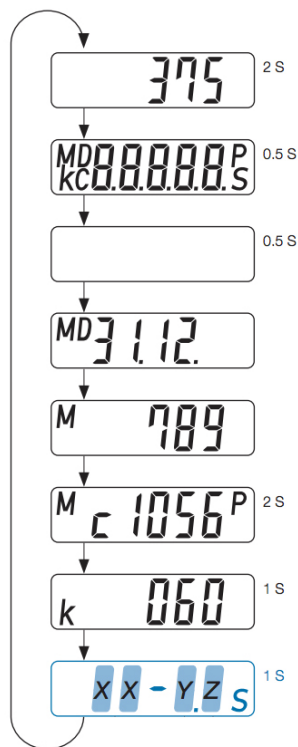
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## Flexible and secure set-up

Q Caloric 5.5 is available in several versions, with internal and external radio sensors. This means that the meter can be used when it is not possible to place the meter on the actual heating source. A cover can be provided to cover marks from previous installed meters.

## Easily understandable display

Q Caloric has an LCD display, which is always on. The different values are shown on an alternating basis. If an attempt has been made to manipulate the meter, this will also be shown on the display.



- 1 - Consumption during year
- 2 - Display test (display on)
- 3 - Display test (display off)
- 4 - Due date
- 5 - Reading on due date (flashes)
6. Checksum
7. Scale
8. Information on use of sensor 1 or sensor 2

## Technical information

### Communication

Protocol:	wMBus OMS
Frequency:	868 MHz
Transmission rate:	Every 7.5 <sup>th</sup> minute
Telegram update:	Every 112 seconds

### Battery

Battery type:	3 V Lithium
Lifetime:	Up to 10 years

### Design

Dimensions:	102 x 40 x 30 mm
Weight:	56 g

### Other

Ingress Protection Class:	IP 42
CE conformity:	Directive 2004/108/EC