

HEAT COST ALLOCATOR

Brunata M8

- Electronic heat cost allocator which measures heating consumption and transmits data 24/7/365
- One of the market's most accurate heat cost allocators with dual sensor measurement
- Remote reading option due to built-in OMS radio
- Can contribute to financial and environmental savings
- Shows the resident's actual heat consumption on the meter's display



Ensure fair distribution and correct accounting of heat consumption with Brunata's electronic heat cost allocator

Features and functions

Brunata M8 is an electronic meter for registering the heating consumption from a radiator. The meter makes it possible to register the individual heating consumption of each resident in a property.

The meter features dual sensor measurement, which makes it one of the most accurate heat cost allocators on the market. It ensures accurate registrations even at very low radiator temperatures and does not include heat influences from external sources, such as solar heat or heat from a wood burning stove.

The purpose of installing individual heat cost allocators is to ensure fair allocation of the property's heating costs. The individual heat cost allocators ensure that each resident only pays for his or her own heat consumption. Experience shows that individual measurement of heat consumption provides energy savings - and this is beneficial for both the environment and the resident's finances.

Reading options

The meter has an easy-to-read display, where the resident can read his or her actual consumption for this year and consumption last year. The meter's scale is adapted to the radiator's heat output, so that the consumption read corresponds to the consumption used for accounting, and so that the recordings on the different radiators can be compared. The property's accounting period is programmed in the meter so that the resident can compare his or her current consumption with last year's consumption directly on the meter.

The meter has a built-in radio module, and can be read via Brunata DriveBy, which reads the meters at agreed times without Brunata having to enter the flats. The built-in radio module also enables the meters to be read via Brunata Net, which is a radio network that can be used in all types of properties. The network then collects data from the meters and transmits them to Brunata. If the property has Brunata Net, you can get access to monitor the meters data via WebMon, which is part of Brunata's online services. WebMon allows both residents and the administrator to monitor the development of consumption and consumption patterns.

Facts

- Measures heat consumption via internal and external sensors
- Type approved with use limits between 35 °C and 130 °C and for installation at a height of 66% or 75%
- Annual resetting of consumption for the property's accounting period
- Historical annual consumption is sent as part of the meter telegram
- Comes with 10 years of battery life

Solution overview

Flexible and secure installation

Brunata M8 is available in two versions, with an internal and external temperature sensor respectively. This means that the meter can also be used when it is not possible to place the meter on the heat source itself. In addition, you are free to choose to place the meter at two heights, with the proviso that all meters throughout the property must be placed at the same height.

The meter can be programmed with the period and scale, for example, at the time of the installation.

Easy-to-read display

Brunata M8 has an LCD display that is easy to read and it is always switched on. The display permanently shows the current meter reading, but by holding a light source in front of the meter you can activate its display view, allowing readings to be inspected for the preceding 18 months. The following information is shown on the display alternately:

Display view 1 Current meter reading	
Display view 2 Display test	
Display view 3 Meter reading on cut-off date	
Display view 4 Cut-off date	
Display view 5 Identification for scale type and sensor operation	
Display view 6 2nd view cycle	
Display view 7 Monthly cut-off date	
Display view 8 Meter reading on the monthly cut-off date	

Technical information

Communication

Protocol:	w-MBus
Frequency:	868 MHz
Transmission frequency:	Every 3 minutes

Battery

Battery type:	Lithium
Lifetime:	Up to 10 years

Design

Dimensions:	116,2 x 35,8 x 30 mm
Weight (without back):	63 g

Mounting point

Installation height:	66% / 75%
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Approvals

IP class:	42
CE conformity:	EN 301489-3:V2.1.1 EN 300220-2:V3.1.1 EN 62368-1:2014 EN 62479:2010 DIN EN 834:2017-02