Brunata a/s
Vesterlundvej 14
2730 Herlev
Tlf. 77 77 70 00
brunata@brunata.com

You can read more about Brunata's products and services at www.brunata.com

By using the QR code below, you can learn more about Brunata's heat cost allocator Futura Heat.

Brunata

Futura Heat

Danish type approval in accordance with DS/EN 834
System description TS 27.21.027

Brunata's electronic heat cost allocator with remote reading

Please state building number when contacting Brunata

Monitor your own consumption:
Carry out your own control readings by using the form below

Meter no.	Date	Own reading	Dat3	Own reading	Date	Own reading	Date	Own reading	Date	Own reading

Read your consumption at the meter's 'Consumption this year' display:
(Resets to 0 on the cut-off date)

EN-QB 101427/22.04.2016

Brunata

Futura Heat

runata's electronic heat cost allocator with remote reading

Useful information about Brunata Futura Heat

Congratulations on your heat cost allocator!

This leaflet provides information about the electronic heat cost allocator Futura Heat which has just been fitted on your radiators. The meter can be read remotely and contains various information which you can see on the display and learn more about in the folder. You can also read about how to reduce heating consumption - for the benefit of the environment and your finances.

Heat cost allocation

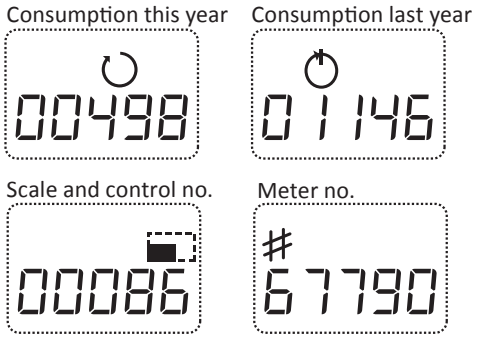
Brunata Futura Heat is a heat cost allocator used for registering the heating consumption from a radiator. All heat cost allocators in the property are typically read once a year and the residents are charged for heating on the basis of the individual home's consumption relative to that of the entire property.

Patented measuring concept

Brunata Futura Heat is a heat cost allocator with two-sensor measuring. In addition, Brunata Futura Heat measures all the heat which the radiator emits to the room (plus heat) and all the heat which the radiator absorbs from the room (minus heat). Deducting the minus heat from the plus heat provides the heat received from the central heating system. You are charged only for this heat. Heat from the sun, wood-burning stoves, etc. is not registered as heating by the meter.

Reader-friendly display

It is easy to read the meter. There is no need to push buttons and the meter display provides information about: your total heating consumption this year, your consumption last year, the scale and control figure used and the meter number.



Consumption this year

The heating consumption is measured in units and added up. This is shown as ↻ on the meter display. On the first day of the new heating accounts year, the 'consumption this year' automatically resets to zero.

Consumption last year

The consumption last year is registered on the cut-off date for the property's heating accounts year. The value is saved in the meter and shown on the display as ⏱. This allows you to monitor your heating consumption and compare it with last year's consumption.

Scale and control number

During the installation, each meter is adjusted to the radiator output by using a scale. The scale ensures that the heating consumption is correctly measured and comparable with the consumption on other radiators with the same type of heat cost allocator. The scale is indicated by the last three digits on the display and does not change. The first two digits on the display are a control figure which Brunata uses internally to ensure the meter has been read correctly (the control figure is not fixed, but changes regularly).

Meter number

Each meter has its own unique meter number. When Brunata prepares the heating accounts, the meter number provides information about installation location, scale, etc.

Future Heat remembers everything

The current heating consumption is automatically saved in the meter's memory. It therefore is not necessary to read the meter on the actual cut-off date in connection with removal. Brunata can read the meter at a later time.

If Futura Heat is exposed to attempts of manipulation or other interference, these are also registered in the memory. These registrations are checked in connection with the annual reading, residents moving out or in and the processing of any complaints.

Due to the many saved registrations of heating consumption and radiator/room temperatures, it is possible to assess whether unusual energy consumption is caused by bad user habits, faults in the heating system or inadequate building insulation.

Long lifetime

Futura Heat has a very long life because the batteries are replaceable. It uses a lithium battery lasting up to ten years at normal operation.

If consumption is registered even though the thermostat is turned off

If the heat cost allocator registers units even though the thermostat valve is turned off, it may be because the radiator emits unwanted heat.

The reason for this may for instance be a leaking thermostat valve or hot water flowing into the radiator through the return pipe at the bottom (only possible in single-string systems). If this happens, you should contact the landlord immediately.

Do not compare readings from different heating meter types

If you used to have heating meters of a different brand or type, the consumption registered by the old meters is not immediately comparable with that registered by the new Futura Heat allocators.

A Brunata heat cost allocator typically registers more measuring units per input heating energy unit than older heating meters. However, you will not pay more than before, because the cost per unit is reduced correspondingly (provided your consumption and/or the cost of energy do not change).

The greater resolution into more units ensures a more accurate and fair allocation of the property's total heating consumption.

Use heating sensibly

1. Use all radiators, but do not turn them up more than necessary.
2. As a rule, keep all your windows closed during the heating season, also in the bedroom. Air the rooms two or three times a day by opening the windows for approx. five minutes, so all the humidity and bad air are drawn out. Remember to turn off all radiators before airing the room and ideally wait a few minutes before turning them on again after closing the windows.
3. Never turn off all the heating in a room. All rooms should be heated, although they do not all have to be heated to the same temperature.
4. Considerable heating savings are obtained by reducing the room temperature at night and possibly during the day. Remember that when you want to increase the temperature again, you just need to return the thermostat valve to its normal setting.
5. Never cover a radiator while it is on as it reduces the heat emission. Radiators also should not be covered by curtains.