

Electronic heating cost allocator with radio or prepared for radio use

Readout possible at any time without having to enter the flat: consumption figures which are recorded individually, precisely and on the reference date directly from the radiator.

Product description

An electronic device as a compact or remote sensor version for individual recording of heat consumption for a radiator on the reference date.

The electronic heating cost allocators are modern double sensor devices with two highly sensitive temperature sensors for the radiator and the surrounding air.

On the programmed reference date (which is freely selectable), the devices save the consumption amount and set the current display to zero. The electronic heating cost distributors work with their own network-independent power supply and are subject to constant self-control. Disturbance messages are effected automatically and the user is notified of them on the display and if radio operation is used they are conveyed to the meter reader. If the room temperature sensor is thermally influenced, e.g. by heat accumulation or manipulation, the EHKV [electronic heating cost allocator] automatically switches over to single sensor operation. Heat registration is avoided by the use of dynamic heating operation recognition in the summer.

Radio heating cost allocator

The FHKV data III transfers the consumption costs by radio transmission, it is no longer necessary to enter the flat for meter reading.

Electronic heating cost allocator

The EHKV vario S has a radio module which enables changing over to meter reading by radio transmission at any time following activation.

Performance features

- Software-supported manipulation and dismounting recognition
- The meter reading on the reference date can always be checked on the device
- Product coding for the heating cost allocator provides the customer with optimum control options
- High data quality due to automated data migration in the billing system
- High legal certainty when billing the consumption costs

Radio heating cost allocator data III:

- Meter reading takes place outside of the flat, it is not necessary that the tenant is present
- Radio transfer of the mid-month and month-end figures, making intermediate on-site meter reading superfluous
- Secure data transfer using the CRC process and data encryption

Electronic heating cost allocator vario S

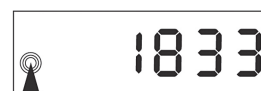
- Prepared for the future because the device can be upgraded for radio transmission whenever needed



Technical data

Power supply:	3 volt lithium battery
Working life:	10 years with a reserve
Surrounding temperature:	0 °C ... 80 °C
Display:	5-digit LC display & symbols
Average design heat medium temperature for the radiator tm, a:	35 °C – 110 °C for compact versions 35 °C – 130 °C for remote sensor versions
Registration area:	0 to 99,999 with 4 internal digits following the decimal point
Registration start:	Above 22.5 °C heating surface temperature and difference heating temperature/room temperature > 4K
Functional check:	Constant self-control using microcontrollers and electronic manipulation and dismounting recognition
Basic functions:	FHKV data III: data encoding and radio transfer EHKV vario S: prepared for radio use, including a radio module which can be activated
Interface:	Optical for the Techem service device
Radiator performance:	100 W to 15,999 W
Scale:	Product scale
Radio data transmission:	Consumption data from 12 average mid-month figures and month-end figures, reference date figure and status information
Operating frequency:	868,95 MHz
Transmitting power:	3...10 mW
Transmission period:	7.5 ms
Protective category:	IP 31 (mounted)
CE conformity:	According to guideline 1999 / 5EG
Homologation:	According to HKVO A1.01.2003
DIN-EN checked:	DIN register no. 282/04E
Dimensions (mm):	Compact: W: 39.2; H: 118; D: 32 (mounted) Remote sensor: W: 75; H: 140; D: 43 (mounted)

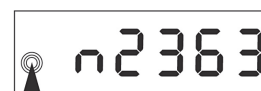
LC displays



Current consumption



Reference date consumption



Serial number of the heating cost distributor