

oventrop

Smart Home, Smart Building

"OVbalance Home"
Automatic balancing, smart control





Wireless actuator "mote 420" for smart room temperature control

"Smart Home" eases everyday life and increases the living comfort.

Oventrop **"OVbalance Home"** combining "Smart Home" and the advantages of modern heating systems helps to save energy and costs.

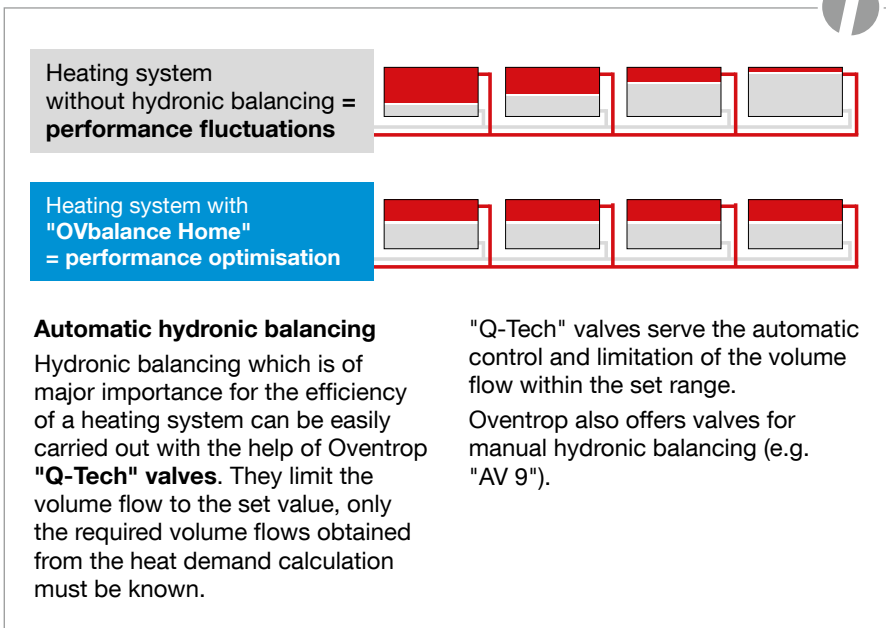
"OVbalance Home" offers a unique feature:

The clever combination of "Smart Home" and automatic hydronic balancing allows for energy savings of up to 30 %. Room temperature control can be carried out easily with the help of wireless thermostats, either via app or according to timed programmes.

"OVbalance Home" is a holistic solution for your smart home. Installation is carried out by qualified installers.

Advantages

- energy efficient heating
- comfortable room temperature control via app
- programming of individual timed programmes
- automatic hydronic balancing in combination with "Q-Tech" valves
- for new and existing buildings
- use of the open EnOcean radio standard allows for flexibility

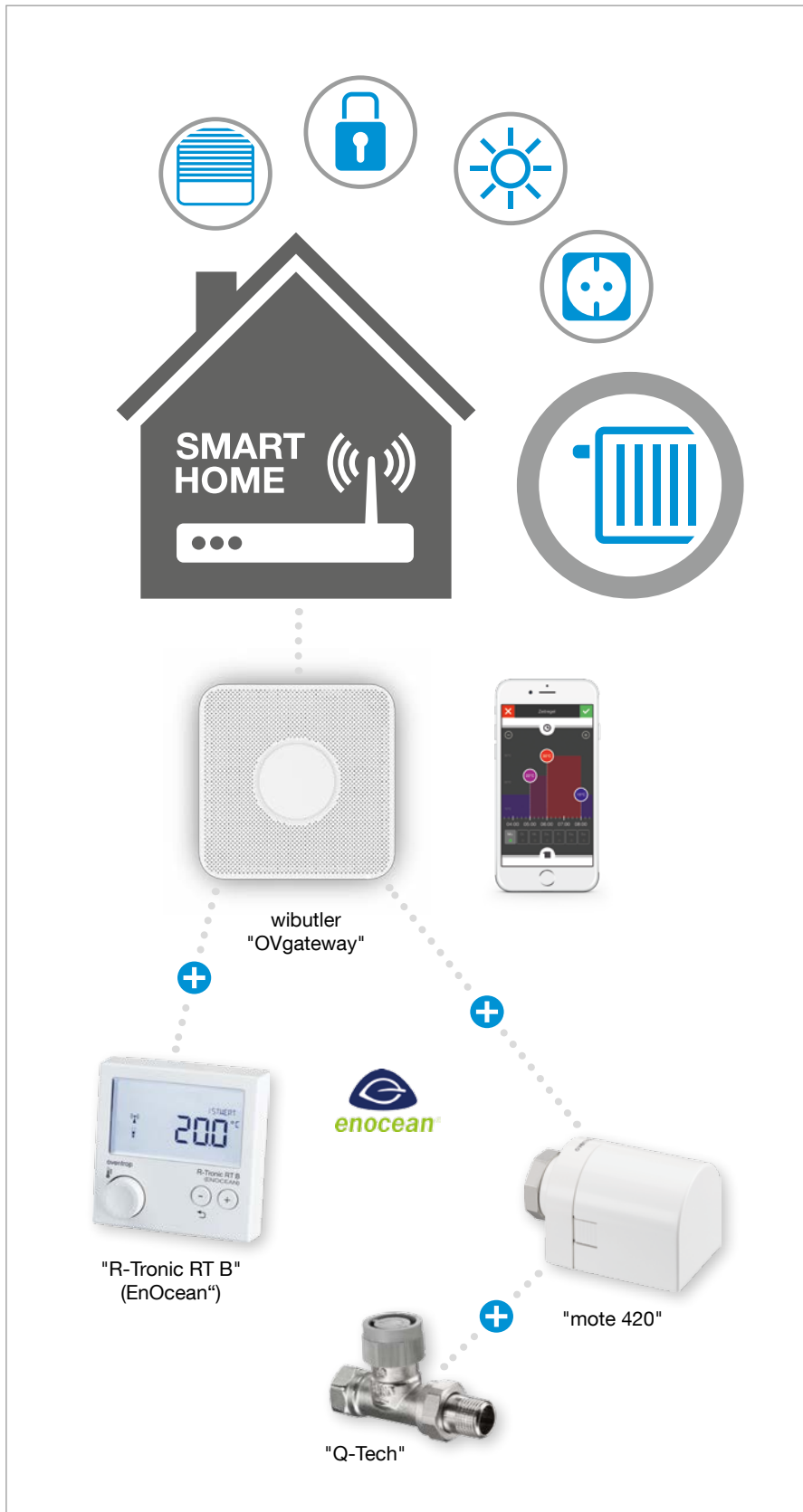


Also suitable for use in existing buildings

"OVbalance Home" is not only a smart system for direct hydronic balancing in new detached and semi-detached houses but existing buildings can also be upgraded with the system. The "QA" valve inserts

required for upgrading existing radiators can be installed with the help of the "Demo-Bloc" without draining the system. All Oventrop thermostatic radiator valve bodies manufactured since 1998 can be equipped with the "QA" valve inserts.

"OVbalance Home" – Smart room temperature control



"OVgateway", the intelligent heart of "OVbalance Home", supports the open EnOcean radio standard and thus allows for a simple combination and networking of different products.

Operation is carried out via smartphone or tablet.

Furthermore, the "OVgateway" supports automatic hydronic balancing in combination with "Q-Tech" valves.

Quick installation

1. Equipment of new radiators with "Q-Tech" valves or replacement of existing valve inserts with "QA" inserts
2. Installation of wireless actuators "mote 420"
3. Installation of wireless thermostats "R-Tronic"
4. Commissioning of the "OVgateway"
5. Entry of the building and room data in the app with the help of the setup assistant

Good to know

The required volume flows for each radiator and the presetting values of the "Q-Tech" valves are calculated automatically.

Manual settings at the thermostatic radiator valves, a pipework calculation, balancing of the risers as well as presetting of the valves in a riser are no longer necessary.

"OVbalance Home" basic set	Item no.
– wibutler "OVgateway"	1150790
– "R-Tronic RT B" (EnOcean) Wireless thermostat	
– "mote 420" Wireless actuator	

Oventrop "Smart Home" products	item no.
"mote 420" Wireless actuator	1150766
"R-Tronic RT B" (EnOcean) Wireless thermostat	1150780
"FK-C F" Wireless window contact	1153070

Room climate

Hydronics

Stations
Storage
cylinders
Pipes

Potable water

Oil
Solar

Smart Home
Smart Building

Subject to technical modifications
without notice.
Private persons may purchase our
products from their qualified installer.

Presented by:



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