



S-CONTROL

KORADO®

INTEGRATED SYSTEM FOR ENERGY SAVING PRODUCTS

ENERGY SAVING

panel radiators | convectors
heat recovery ventilation units

One construction = one solution = KORADO
For their satisfaction, people need
thermal comfort and fresh air.



S-CONTROL

Energy saving system

The system is a solution to your need of thermal comfort and fresh air supply to your house and simultaneously gives you proof of your energy consumption reduction.



Heating – ventilation – cooling

KORADO brings to the market a system solution under the **S-CONTROL** brand. The new integrated **S-CONTROL** system includes only products whose operation and properties comply with strict energy efficiency criteria. The system is suitable for all types of constructions – detached houses or apartment buildings, guesthouses or office buildings. Everything comes from a single reliable supplier, the world-renowned company **KORADO a.s.**



Detached houses



Apartment buildings



Office buildings



Multi-purpose buildings

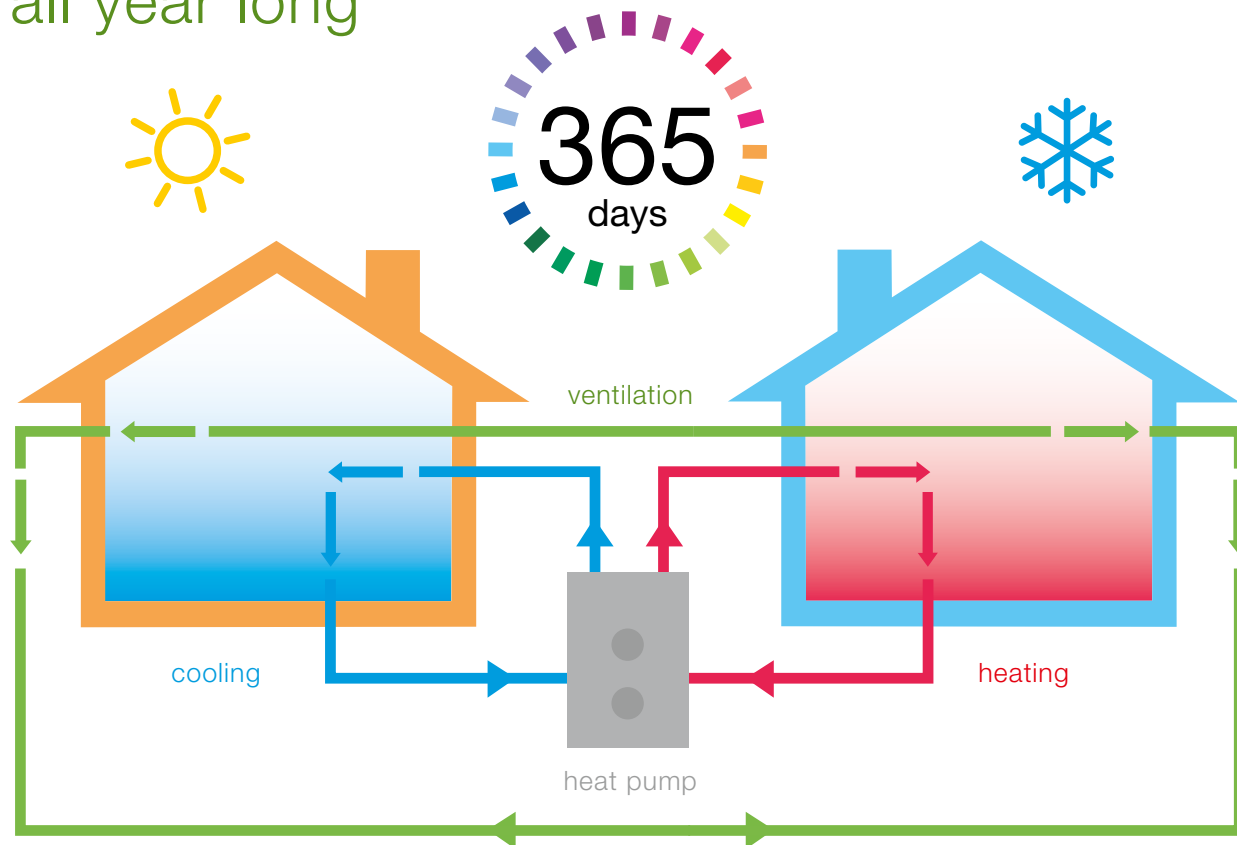
Advantages of the integrated system solution S-CONTROL

- the KORADO brand – a guarantee of quality
- demonstrable savings – low energy consumption
- a sophisticated system of energy efficient heating and ventilation products – a wide range of radiators, convectors and heat recovery ventilation units
- a complex system solution from one manufacturer – heating – cooling – ventilation
- simpler designing /customer service
- heaters suitable for any heat sources
- high cooling and ventilation performance
- healthy and comfortable environment in every room
- the latest technologies and know-how
- ecological solution – environmentally friendly





... all year long



RADIK RC

Energy saving plate radiators

It has been proved that the maximum heating output of a radiator is necessary for only 3 to 5 weeks a year. The rest of the heating season is the time to save.



The first radiator with water circulation control

The **RADIK RC** radiator allows full shut-off of water circulation in the rear plate. Thus it is possible to use the higher radiant heating power of the front plate for 87 % of the heating season, achieving thermal comfort at a lower air temperature in the room. This allows you to save up to 15 % on your annual heating bills.

Why choose RADIK RC?

- energy savings
- divided flow possibility
- heats the room, not the walls
- source of pleasant radiant heat
- faster heating onset
- 10-year warranty



Save on your energy bills.

RADIK RC allows energy savings of up to 15 % on your annual bill to be achieved.



Do not waste excessive amounts of heat when it is not necessary.

RADIK RC supports an environmental approach to heating thanks to its properties. During the 212 days of the regular heating season, there is no need to waste extra heat.



Quick thermal comfort for you.

RADIK RC maximizes the use of radiant heat from the front plate, and its properties provide 50 % faster heating onset compared to other radiators.



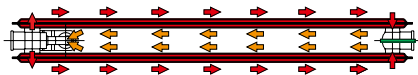
Heat the room, not the spaces around.

When the rear plate of the RADIK RC is shut off, it works as a reflecting plate, decreasing losses through the wall behind the heater by up to 33 %.





RADIK RC
heating using both plates



RADIK RC
heating using the front plate



Seasonal changes cause substantial thermal deviations. The result is that we need the full capacity of the radiators in our homes or offices for just a few weeks a year, while for the rest of the year a heater of much lower capacity is sufficient.

RADIK RC offer you the option of choosing. Choose a heater which efficiently adjusts to the actual temperature, both in terms of energy and thermal comfort, throughout the heating season. You can choose heating using just the front plate or both plates.

RADIK® RC

Heater types

- RADIK RC VKU
- RADIK RC PLAN VK (VKL)

This choice allows you to use only the front plate of the RADIK RC heater most of the time, thus saving energy. Moreover, you get a larger share of pleasant radiant heat as well as great savings, which will please your wallet. Lower environmental burden is a matter of course in this case.



CONVECTORS

Ideal radiators for low-temperature heating

Convectors are suitable for all types of detached houses and apartment buildings, business and office buildings – wherever heating or cooling is necessary.



Convectors do not heat water, but the air

The principle of convectors is heating of the ambient air – hot water warms the pipes, the heat passes to the fins which then start heating the ambient air. The hot air rises naturally, or the heating output can be increased using a silent fan (OC – Optimized Convection) with minimum noise and power input from 3 W.

Convectors = energy saving, design, and technology

- quick onset of heating with maximum efficiency
- provide cooling without the need for a special circuit
- broad range of finishes – suitable for any interior
- suitable for any heat source
- easy control



Low energy consumption.

The smaller amount of water means a shorter heating time. The unique fin shape increases the rate of air heating. They react more flexibly, faster, and more accurately.



Small water volume.

The water capacity of the convectors is 90 % lower than that of conventional radiators. Therefore, a large amount of energy that would otherwise be needed to heat up the water can be saved.



Heats and cools – without the need for a special circuit.

The convector in the system of optimized convection are capable of effective heating and cooling.



High efficiency with the solution for heat pumps.

These convectors are very effective at low thermal gradients, which applies especially for heat pumps. This innovative technology is suitable for use in systems with a low water temperature.





When design is the point

This will satisfy anybody interested in design as part of the entire interior concept. We have a solution for any type of housing and its architecture. For French doors, conservatories, entrance halls, living rooms or swimming pools!

The variety of designs of floor or wall-mounted convectors or heating benches provide space to fulfil your requirements and satisfy your imagination.

The design of the convectors lets you forget it as a “heater”, allowing it to accent the entire interior design.



Types of convectors with a ventilator falling within the S-CONTROL SYSTEM

- KORALINE LV heating benches
- KORAFLEX FV, FI and FW floor convectors
- KORAWALL WI wall-mounted convectors



KORASmart

Local ventilation units with heat recovery

A line of energy saving ventilation heat recovery units which, together with radiators and convectors, form an integrated system of energy saving heating – S-CONTROL.



Ventilation units – clean air...

It is necessary to economise on heating but it is also important to have a healthy and pure environment in your room. Your comfort and work performance depend on the quality of air you breathe: low concentrations of CO₂ increase your own ability to concentrate. Everybody seeks not only to have a healthy environment in their houses but also a way how to economise energy.

Therefore, we have special controlled ventilation technology for you, which uses wall-mounted heat recovery ventilation units which are another crucial factor for energy savings.

Flexible and efficient ventilation for a healthy environment in your rooms

- constant fresh and clean air supply
- high performance, low energy consumption
- low space requirements
- 3 types of air quality sensors with CO₂ regulation
- choice of many functions and options:
 - pollen, dust, and excessive humidity protection
 - heat regeneration function
 - very quiet operation of the ventilation unit
 - comfortable remote control
 - easy installation



Ventilation that leaves noises and smells outside



Constant fresh and clean air supply



Low energy consumption



Interior environment free of dusts, pollen and moulds.



S-CONTROL Integrated system for ENERGY SAVING PRODUCTS



... for a healthy environment and heat savings

The optimum air relative humidity of 40–60 % keeps bacteria, viruses, and moulds at bay. Stress caused by fine dusts, vapours, and pollen can be easily controlled if we have the right technology.

Achieving a truly undisturbed feeling of comfort also means dealing effectively with exterior noise. The ever increasing noise from road, railway and air transport has become the no. 1 stress factor. The results may be sleep disorders, cardiovascular problems, and indigestion.

We offer you quiet and tranquil ventilation. Much better than just opening the window – even regenerating the escaping heat.

Unit types

- KORASMART 1300 and 1400 – intelligent and comfortable heat regenerating ventilation units with pollen and dust protection
- select from several other models including a moist environment model

- SENSOBOX – 3 types of air quality sensors with CO₂ and VOC detection





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