

RADIK V-POWER



Striding together towards Net Zero and low bills



Ultra-efficient convection radiators
for gas boilers and heat pumps

THE RADIATOR FOR DECARBOISATION, NET ZERO AND HEAT PUMPS

RADIK V-POWER is a new radiator that is specially designed for efficient heating in systems with low operating temperatures, such as those using heat pumps or traditional gas systems with reduced heating temperature that achieve significant cost savings. This unit has integrated fans and a stand-alone controller, increasing its heat output by up to 60% by rapidly and silently circulating air to disperse heat around the room. Due to this feature, it is possible to achieve higher heat output even at lower water temperatures in the system. **RADIK V-POWER** can also be used in the summer months in passive cooling mode, when it can use the cooler water that some types of heat pumps can supply to the heating system and thus cool the air in the room. The radiator can be used with different air flow rates or without active ventilation in systems set to up to 60C.

RADIK V-POWER SET is available to retrofit **V-POWER** onto existing high output radiators of various models and makes, including non Korado. **RADIK V-POWER SET BASIC** is a budget retrofit solution without the flat panel. These sets include fans and a controller to increase performance.

The main advantages of the RADIK V-POWER radiator and SETS:

1. High efficiency even at low temperatures – ideal for heat pumps or for cost savings in conventional boilers by reducing system temperature.
2. Customised fan speed control – adaptation to different heating needs and system temperatures.
3. Up to 60% increase in heat output thanks to integrated fans which translates to smaller radiators, lower system temperatures and cost savings.
4. Creates a wall of heat around windows, preventing cold air getting in by actively circulating warm air upwards.

Added benefits of RADIK V-POWER SET retrofit sets:

1. Possibility to upgrade existing high performance radiators – introduce **V-POWER** performance without the need for complete replacement.
2. Easy installation – the sets are designed to be compatible with existing KORADO radiator models as well as many other brands.
3. Flexibility in use – the sets can be selected according to the specific needs and preferences of the user.

The main difference between **RADIK V-POWER** and **RADIK V-POWER SET** is that while **RADIK V-POWER** is a completely new radiator with integrated performance enhancing features, **RADIK V-POWER SET** is a retrofit for existing radiators that allows the same performance improvements to be achieved.



**Suitable for
heat pumps**



**It contributes to
savings through low-
temperature operation**



**Integrated
fans increase
performance
by up to 60%**



**Heating and passive
cooling**



**Additional installation
of the module on
older radiator types**



**Very quiet operation
even for sleep***

- Automatic control of the heating or passive cooling of the fan module, based on sensors of the radiator temperature and the ambient temperature, ensuring optimal operating conditions.
- Maximum safety guaranteed thanks to a safe 12 V DC power supply from an external mains power supply, minimising the risk of electrical shock.
- Universal connectors which allow flexible connection methods, enabling installation in different spaces.
- Fully adjustable temperature settings to suit individual user needs, resulting in greater user comfort and efficiency.
- Efficient use of energy due to low water-in temperatures, as low as 35C, resulting in energy savings and warm rooms.
- Modern design which fits into all types of interiors, contributing to the aesthetic appearance of the room.
- Low power consumption, varying from 3 to 13 W, which means economical operation and environmental friendliness.

Quality of steel panel radiators RADIK

The high quality of radiators has been confirmed by acquiring the right to use the national quality marks for the European markets. This marks declares that the stipulated requirements on quality of material, technology, production process and tests of radiators RADIK are strictly followed.

The well-established quality management system according to ISO 9001 in combination with the national quality marks guarantees the highest degree in achieving a permanent quality of products and all activities of KORADO company on European as well as world-wide markets.



* The maximum noise level is 26.9 dB / 32.7 dB for 3 / 5 fan speed. Measured according to ČSN EN ISO 3744:2011 at a distance of 2 m for a dimension of 624 x 1000 mm, type 22.

RADIK V-POWER

Technical parameters



Description

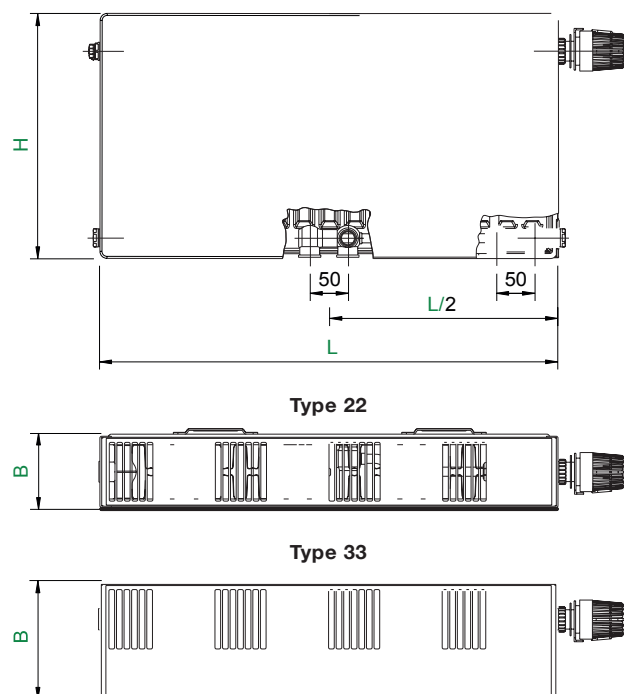
Model **RADIK V-POWER** is an innovative radiator in the **PLAN** version with a flat panel and an integrated fan module that increases the heat output by up to 60%. Its design is intended for low-temperature heating systems, most often heat pumps.

It allows bottom centre, bottom right, left or right side connection to the heating system distribution. Two upper and lower hangers are welded on the back side. Radiators 1800 mm long and longer have six welded hangers.

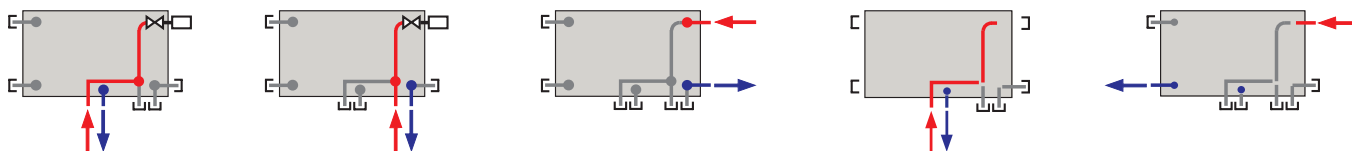
Technical data

Height H	524, 624, 924 mm
Length L	400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1400, 1600, 1800, 2000 mm
Depth B	
Type 22	102 mm
Type 33	157 mm
Connection pitch	50 mm
Connection thread	8 x G1/2 inside
Maximum permissible operating pressure	10 bar
Operating temperature	17 ÷ 60 °C
Radiator connection	centre bottom, right bottom, left or right side connection

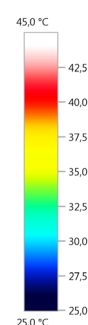
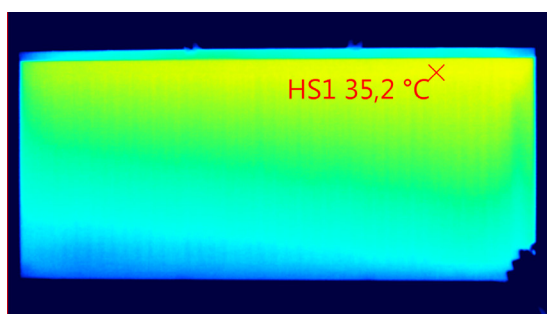
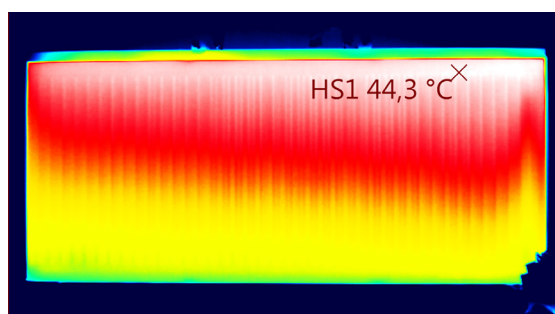
Overview of types



Some of the ways to connect to the heating system



All parameters are laboratory tested



Subject to technical changes.

RADIK V-POWER SET / V-POWER SET BASIC

RADIK V-POWER SET - L / V-POWER SET BASIC - L

Retrofit solution for RADIK radiators

RADIK V-POWER SET / RADIK V-POWER SET - L is a set with a flat panel designed for the retrofitting to steel panel radiators. It is also compatible with older RADIK radiators up to 2000 mm long, type 22 and 33.

The set includes all the parts needed for assembly and operation.

RADIK V-POWER SET BASIC / RADIK V-POWER SET BASIC - L is a set without a flat panel for retrofitting to steel panel radiators. It is also compatible with older RADIK radiators up to 2000 mm long, type 22 and 33.

The set includes all the parts needed for assembly and operation.

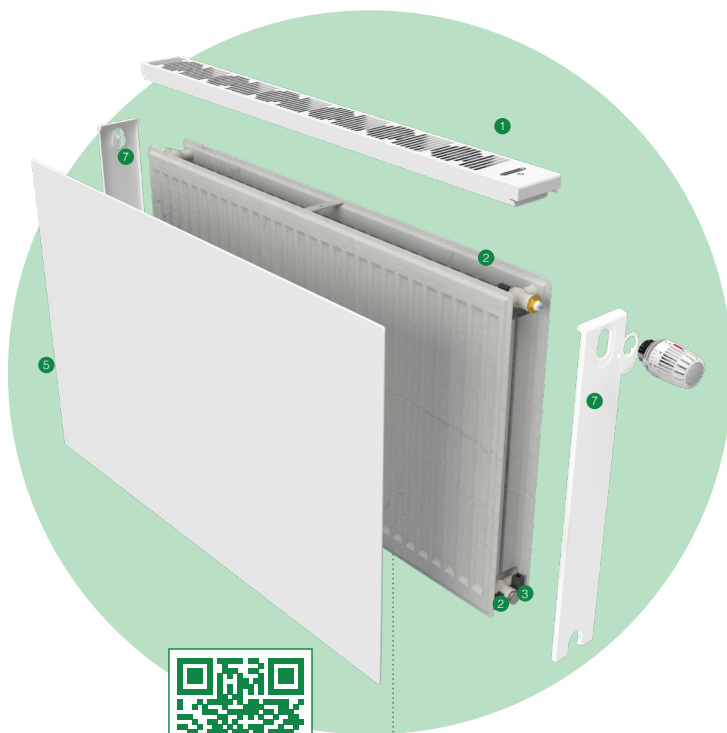
The installation of the set is designed to be as simple as possible and does not require major intervention in the existing heating system.

The set includes:

- ① ventilation unit
- ② temperature sensors
- ③ power connector
- ④ power adapter – 1.2 m
- ⑤ flat panel *
- ⑥ accessories for mounting the plate on the radiator

Optional accessories (recommended):

- ⑦ side covers
- ⑧ extension cable
- ⑨ thermostatic head



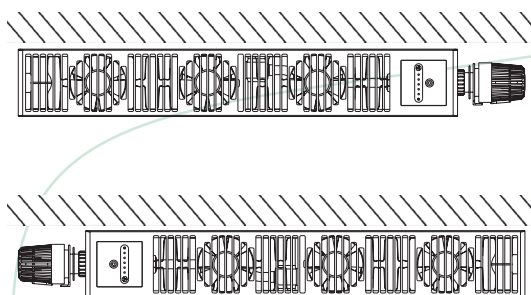
Installation on the existing RADIK radiator.

* ⑤ Version **RADIK V-POWER SET BASIC** is supplied **WITHOUT A FLAT PANEL**.

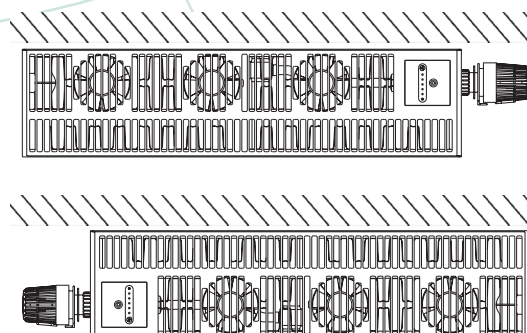
HOW TO CHOOSE THE RIGHT SET

RADIK V-POWER SET / V-POWER SET BASIC

Type 22

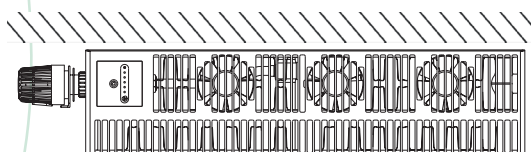


Type 33



RADIK V-POWER SET - L / V-POWER SET BASIC - L

Type 33



Designed for models: [see page 6](#)

Warning:

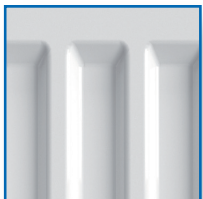
The ventilation unit must be oriented on the radiator so that the control panel is on the same side of the radiator as the water-in connection to the radiator.

Subject to technical changes.

COLOUR CARD

SATIN GLOSS

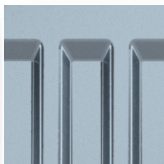
code 10
White RAL 9016*



code 14
Jasmine



code 35
Silber RAL 9006



HIGH GLOSS

code 16
Bahama



code 22
Manhattan



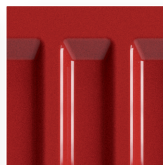
code 26
Pergamon



code 32
Anthrazit Metallic



code 37
Red RAL 3001



code 39
Black RAL 9005

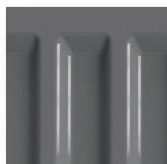


code 45
Pearl Brown



MATTE

code 47
RAL 9007



code 48
RAL 9006



code 49
RAL 7024



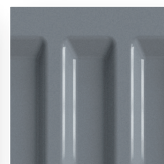
code 51
RAL 7016



code 54
RAL 7015



code 57
RAL 7040

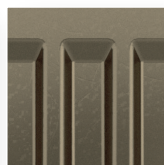


DEEP MATTE

code 40
Alloy Black



code 42
Gold



code 58
Black Matt



The standard paint finish is RAL 9016, other Colour Card and custom RAL colours can be customised .



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