

RADIATOR RANGE

The Viessmann radiator range: **VITASET**

**Everything from
a single source**

The Viessmann Vitaset range offers accessories for everything related to heating centres – including a wide range of radiators.



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Both an efficient heating system and reliable system components are essential to meeting a building's heating requirements and ensuring perfect operation: with the Vitoset range, Viessmann offers everything you need from a single source.

The wide assortment of radiators is an important part of the Vitoset range: from affordable universal radiators (valve, compact and replacement radiators), centre connection radiators and designer panel radiators, through to practical bathroom radiators and particularly efficient ultra-low temperature radiators.

It goes without saying that all products in the extensive range of radiators and accessories from Viessmann are characterised by their high quality. They lend a special touch to any residential building or commercial premises. The use of high grade, tested materials and the high quality workmanship ensure that every solution can be efficiently and reliably implemented.

The innovative Vitoset range of accessories is perfectly matched to all other Viessmann products and impressively demonstrates Viessmann's system competence.



Universal radiator

Universal radiators can be used flexibly for new build or modernisation projects

Viessmann universal radiators can be used as

- valve radiators,
- compact radiators,
- replacement radiators.

These universal radiators are quick and straightforward to install, which is a particular advantage. Due to the integrated valve set and the valve insert included in the valve installation kit, they are ideal for use as valve radiators, especially in new build.

They are also suitable for use as compact radiators, with three female connections on the side. This allows them to be connected either on alternate sides or the same side.

With installed heights of 555 mm (hub centre 500 mm) and 955 mm (hub centre 900 mm), these new universal radiators can be used with

millimetre precision as replacement radiators in modernisation projects. Universal radiators have no lugs and are therefore rotatable. This means that both side and bottom connections can be made either on the left or right.

High grade paint finish and timeless visual appeal

Viessmann radiators stand out from the rest because of their exceptional quality. The high grade paint finish developed for a long service life and the environmentally responsible powder stove enamelling in RAL 9016 (traffic white) allows these radiators to blend in harmoniously with their surroundings. Upon request, all radiators can also be supplied in special colours.

Suitable for those suffering from allergies

A stylish removable grille allows thorough cleaning at any time, making these radiators suitable for allergy sufferers.



Universal radiator with thermostatic valve

UNIVERSAL RADIATOR SPECIFICATION

Application area	Hot water heating systems to DIN 4751
Material	Quality steel to DC 01
Bead pattern	33⅓ mm
Installed height	300, 400, 500, 555, 600, 900, 955 mm
Installed length	400 to 3000 mm
Installed depth	76, 106, 161 mm
Permissible operating pressure	10 bar (13 bar test pressure)
Permissible operating temperature	110 °C
Surface	Environmentally responsible anodic dip coated primer and high grade epoxy resin powder coating to DIN 55900
BAGUV	Vitaset radiators according to guidelines
Heating output	Tested to EN 442
Certification	RAL quality seal

Compact radiator,
connections on the same side



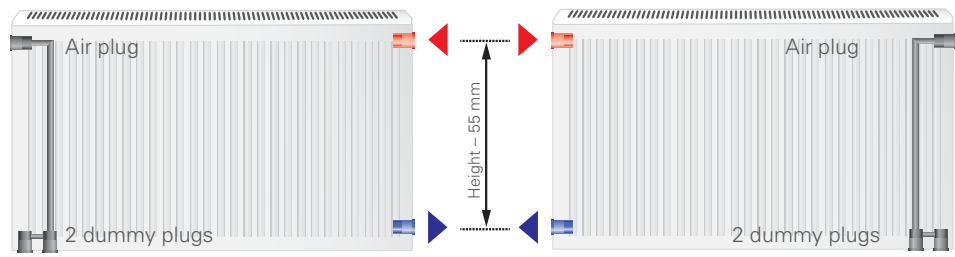
Valve radiator



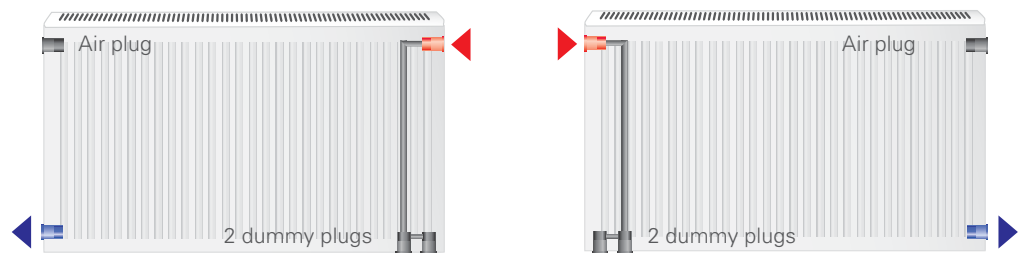
TAKE ADVANTAGE OF THESE BENEFITS

- + Complete range of radiators for any demand and any aspiration
- + Diverse connection options: right or left side (optionally also on the side)
- + Environmentally responsible priming and high grade coating in RAL 9016 (traffic white); alternative RAL colours available upon request
- + Easy to remove cover for straightforward cleaning (suitable for allergy sufferers)
- + Production certified to EN ISO 9001
- + Secured by spring-loaded mounting bracket or T-support
- + Quality products "Made in Germany"

FLOW/RETURN ON SAME SIDE

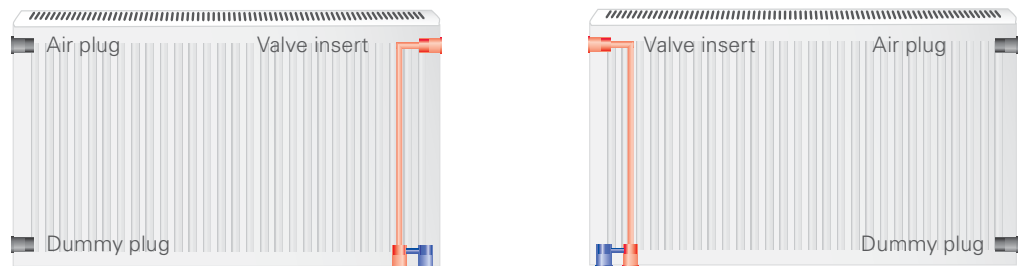


FLOW/RETURN ON ALTERNATE SIDES



Compact radiators and "replacement radiators" – connection versions as compact radiators

FLOW/RETURN FROM BELOW



Valve radiators – connection versions as valve radiators

VISSMANN THERMOSTATIC HEADS





Centre connection radiator

TAKE ADVANTAGE OF THESE BENEFITS

- + Significant gains in convenience and energy savings compared to standard radiators through the high proportion of radiation, low air movement, optimum heat distribution and rapid responses, as the heating panels receive a flow in series
- + Environmentally responsible priming and high grade epoxy resin powder coating to DIN 55900 in RAL 9016 (traffic white); other RAL colours upon request
- + Welded side casing and easily removable upper cover for straightforward cleaning
- + Factory-integrated valve set 2 x G½ and sealed-in valve insert with special air plug
- + Hub centre = nominal installed height – 55 mm
- + Secured by spring-loaded mounting bracket or T-support, plastic coated in RAL 9016, or with drilled bracket in conjunction with spring-loaded mounting bracket
- + Rated heating output tested and registered to EN 442 – production certified to EN ISO 9001
- + Compliant with the requirements of operational safety as per the guidelines from the statutory accident insurance provider
- + Quality product "Made in Germany"

For centre connection radiators, the central connection simplifies installation and enables flexibility in the radiator length

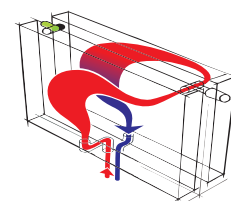
The centre connection radiator is particularly interesting in that its design allows the heating panels to receive a flow in series. With this technology, the ratio between radiation/convection is significantly higher compared to conventional radiators that receive a flow in parallel. The resulting high proportion of radiation, low air movement, optimum heat distribution and rapid responses ensure a high level of convenience and energy savings compared to standard radiators.

The centre connection radiator is equipped with a centrally integrated valve set, sealed-in valve plug and special air plug. With its timeless design, it is suitable for living spaces or even offices, in new build and modernisation projects alike.

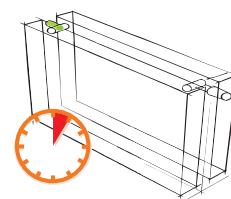
The range includes four models, double or triple panel, with installed heights of 300, 400, 500, 600 and 900 millimetres.



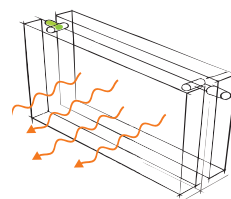
Centre connection radiator



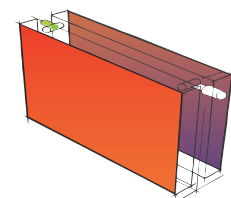
Flow in series



Short response times



Large amount of radiated heat



Optimum heat distribution

CENTRE CONNECTION RADIATOR SPECIFICATION

Application area	Hot water heating systems to DIN 4751
Material	Quality steel to DC 01
Bead pattern	33⅓ mm
Connections	2 x G½ below and 1 x G½ on the left and right sides
Installed height	300, 400, 500, 600 and 900 mm
Installed length	400 to 3000 mm
Installed depth	76 mm (type 20 and type 21), 161 mm (type 33)
Permissible operating pressure	Max. 10 bar (13 bar test pressure)
Permissible operating temperature	Max. 110 °C
Surface	Epoxy resin powder coating to DIN 55900
BAGUV	Vitaset radiators according to guidelines
Heating output	Tested to EN 442



Universal panel radiator

TAKE ADVANTAGE OF THESE BENEFITS

- + Complete range of radiators for any demand and any aspiration
- + Diverse connection options: "valve" connection version (flow/return from below, right*), "compact", alternate sides connection version (flow on the right, return on the left), "compact", same side connection version (flow/return on the left)
- + Environmentally responsible priming and high grade coating in RAL 9016 (traffic white); other RAL colours available upon request
- + Easy to remove cover for straightforward cleaning (suitable for allergy sufferers)
- + High grade tested materials and careful workmanship (production certified to EN ISO 9001)
- + Secured by spring-loaded mounting bracket or T-support
- + Quality products "Made in Germany"

* Can be supplied with valve on the left upon request

Universal panel radiators with a smooth aluminium front panel are designed to blend harmoniously into any space

These modern panel radiators with their uniformly smooth surface are an attractive alternative to universal radiators. The appeal of panel radiators lies in their slimline design and discreet, elegant appearance.

Like all radiators from Viessmann, these panel radiators are engineered to meet the demands of energy efficient heating.

With its smooth aluminium front panel, the universal panel radiator is designed to blend harmoniously into its surroundings. The extremely thin aluminium layer also enables optimum heat distribution across the entire surface.

This radiator can be used as a compact valve radiator (valve on the right) and is supplied with a screw-in valve insert, dummy plugs and air trap.



Universal panel radiator

UNIVERSAL PANEL RADIATOR SPECIFICATION

Application area	Hot water heating systems to DIN 4751
Material	Quality steel to DC 01
Bead pattern	33⅓ mm
Installed height	200, 350, 500, 600 and 900
Installed length	400 to 2000 mm
Installed depth	70 (type 20, 21), 100 mm (type 22), 155 mm (type 33)
Permissible operating pressure	Max. 6 bar
Permissible operating temperature	Max. 110 °C
Surface	Environmentally responsible anodic dip coated primer and high grade epoxy resin powder coating to DIN 55900
BAGUV	Vitaset radiators according to guidelines
Heating output	Tested to EN 442



Carat panel radiator

TAKE ADVANTAGE OF THESE BENEFITS

- + No visible weld seams or spots
- + Easy to clean, high grade plastic coated surface to DIN 55900 with stove-enamelled powder coating in RAL 9016 (traffic white)
- + Ideal for new build and modernisation projects:
 - correct boss spacing corresponding to DIN radiators
 - high heating output due to 25 mm bead pattern
- + Female connections (standard version): for centre connection with six female connections G $\frac{1}{2}$
- + Female connections (vertical version): for centre connection with five female connections G $\frac{1}{2}$
- + Rated heating output tested and registered to EN 442 – production certified to EN ISO 9001

Carat panel radiators with their uniformly smooth surface are recommended as aesthetic design elements to enhance any room

The "Carat" panel radiator is a fully laser-welded radiator made from sheet steel, with water circulating within the smooth front and back panels, and all chamfered edges.

Carat panel radiators are manufactured in series at a competitive price with all-round laser welding. After welding, the edges of all panels are chamfered.

The resistant, plastic coated surface is easy to clean and is finished in RAL 9016 (traffic white). Upon request, the radiators can also be supplied in special colours.

Due to their design, panel radiators are particularly easy to clean. This makes them the preferred choice for allergy sufferers in particular.



Panel radiator



Panel radiators – clean, smooth lines, even when viewed from above; refined shadow gap on the sides

DESIGN PLUS

CARAT PANEL RADIATOR SPECIFICATION

	Standard version	Vertical version
Application area	Hot water heating systems to DIN 4751	
Material	Cold-rolled sheet steel to DC 01	
Bead pattern	25 mm	25 mm
Connections	6 x G½ for centre connection	5 x G½ for centre connection
Installed height	250, 400, 550 and 950 mm	1605, 1805 and 2005 mm
Installed length	405 to 3005 mm	400 and 550 mm
Installed depth	57 mm (type 11), 105 mm (type 20, 22), 166 mm (type 33)	57 mm (type 10, 11), 105 mm (type 20, 21)
Permissible operating pressure	Max. 6 bar	Max. 6 bar
Permissible operating temperature	Max. 110 °C	Max. 110 °C
Surface	Plastic coated surface, DIN 55900 in RAL 9016 (traffic white)	
BAGUV	Vitaset radiators according to guidelines	
Heating output	Tested to EN 442	
Certification	RAL quality seal	



Bathroom radiator

TAKE ADVANTAGE OF THESE BENEFITS

- + Electrostatic powder coating in RAL 9016 (traffic white) for maximum corrosion protection
- + Semi-circular side profile – elegant and safe as there are no sharp edges
- + Electric heating cartridge for summer mode (optional accessory)
- + Rated heating output tested and registered to EN 442 – production certified to EN ISO 9001

These innovative and attractive bathroom radiators with their slender pipe elements provide flexible design options for any bathroom

We have long been using bathrooms for more than just our daily personal hygiene routines. Rest and relaxation are important too, and individual bathroom furnishings can add to our quality of life. Modern, attractively designed bathroom radiators provide a sense of warmth and wellbeing. The heated towel rails keep pleasantly preheated towels at the ready. With their slender pipe elements, they look elegant and light, and blend into any bathroom.

In its Vitaset range, Viessmann offers both a "standard model", and a "standard model with centre connection", with straight or curved round horizontal pipes. The bathroom radiators can also serve as room dividers, offering individual interior design options. For example, they can be used to separate the toilet from the washbasin area.

Electric booster heater

Instead of using the full heating system, an electric heating cartridge can be installed in the bathroom radiator to provide pleasant heat in the bathroom on cooler summer days as well.

Both technologies can be combined: the central heating connection for the heating season and the heater rod for cooler summer days, when you want to take away that early morning chill in your bathroom.



Bathroom radiator



Stylish valve block for bathroom radiators (centre connection)



Viessmann thermostatic heads

BATHROOM RADIATOR SPECIFICATION

	Standard model	Standard model with centre connection
Application area	Hot water heating systems to DIN 4751	
Material	Vertical D profile pipes: 30 x 40 mm Round horizontal pipes: x 22 mm straight/curved	Vertical D profile pipes: 30 x 40 mm Round horizontal pipes: x 22 mm straight/curved
Connections	3 x G½	3 x G½ and 2 x G½ as centre connection
Installed height	691, 1186 and 1726 mm	691, 1186 and 1726 mm
Installed length	500, 600 and 750 mm	500, 600 and 750 mm
Installed depth (wall/D profile)	Straight: 30 mm, curved: 57 to 68 mm	Straight: 30 mm, curved: 57 to 68 mm
Permissible operating pressure	Max. 10 bar	Max. 10 bar
Permissible operating temperature	Max. 110 °C	Max. 110 °C
Surface	Electrostatic powder coating to DIN 55900 in RAL 9016 (traffic white) for maximum corrosion protection	
BAGUV	Vitaset radiators according to guidelines	
Heating output	Tested to EN 442	



Ultra-low temperature radiator

TAKE ADVANTAGE OF THESE BENEFITS

- + Ideal for condensing boilers and heat pumps on account of the low flow temperatures
- + Quick response time due to small water capacity
- + Low surface temperature
- + Good heat distribution due to extremely quiet actuators (approx. 26 dB (A))
- + Economical energy consumption (maximum power consumption per actuator block just 2 watts)

Ideal for condensing boilers and heat pumps on account of the low flow temperatures

Condensing boilers and heat pumps need much larger radiators, as they provide energy more efficiently at much lower water temperatures. Heat pumps achieve their optimum coefficient of performance at very low flow temperatures. This is no problem for ultra-low temperature radiators, as the same radiator surface delivers two to three times the heat with the dynamic boost effect (DBE) system. With ultra-low temperature radiators, you get the same level of efficiency as with large area heating systems, but up to five times faster.

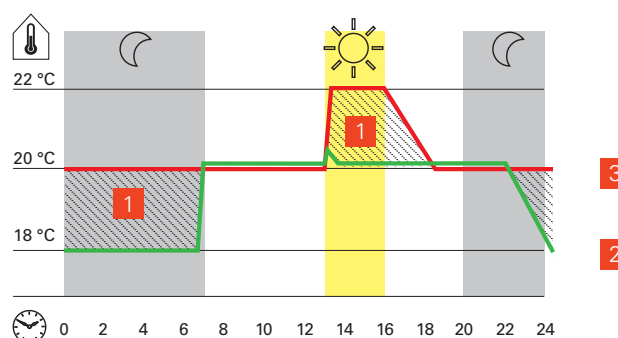
Ultra-low temperature radiators are self-regulating and automatically adapt to the required room temperature. Once the room temperature is reached, ultra-low temperature radiators automatically reduce or stop their output. Conventional radiators, on the other hand, keep on heating for some time afterwards, which means that further energy is consumed although it is not required.

Optimum heating convenience by combining ultra-low temperature radiators and underfloor heating systems

An underfloor heating system set to a room temperature of 18 °C and also equipped with an ultra-low temperature radiator for rapid temperature equalisation saves up to 30 percent of energy compared to an underfloor heating system alone, when heating to a room temperature of 20 °C.



Ultra-low temperature radiator

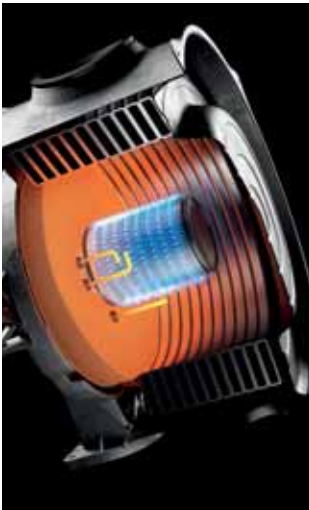


High heating convenience

- 1** Energy savings
- 2** Room temperature with ultra-low temperature radiator and underfloor heating system
- 3** Room temperature with underfloor heating system

ULTRA-LOW TEMPERATURE RADIATOR SPECIFICATION

Application area	Hot water heating systems to DIN 4751
Material	Copper pipe heat exchanger with aluminium fins, sheet steel casing
Connections	2 x G½ (standard connection: bottom right; bottom left an option by rotating the heat exchanger)
Installed height	500 mm
Installed length	600, 1000, 1400 and 1800 mm
Installed depth	118 mm (type 11), 168 mm (type 16), 218 mm (type 21)
Permissible operating pressure	Max. 10 bar
Permissible operating temperature	Max. 110 °C
Surface casing	Electrostatic powder coating to DIN 55900 in RAL 9016 (traffic white)



MatriX-Plus burner

Viessmann comprehensive range

- Boilers for oil or gas
- Combined heat and power generation
- Hybrid appliances
- Heat pumps
- Wood combustion technology
- Biogas production plants
- Biogas upgrading plants
- Solar thermal
- Photovoltaic
- Electric heating/DHW systems
- Refrigeration systems
- Accessories

Milestones of heating technology

As an environmental pioneer and technological trailblazer for the heating sector, Viessmann has been supplying exceptionally clean and efficient systems for heating, refrigeration and decentralised power generation for decades. Many of the company's developments are recognised as heating equipment milestones.

Sustainability in action

As a family business Viessmann takes the long view and places great value on acting responsibly; sustainability is firmly enshrined in the company's principles. For Viessmann, sustainability in action means striking a balance between economy, ecology and social responsibility throughout the company; meeting current needs without compromising the quality of life of future generations.

With its strategic sustainability project, Viessmann demonstrates at its own head office in Allendorf (Eder) that the energy and climate policy goals set by the German government for 2050 can in fact be achieved today with the help of commercially available technology.



We create living spaces for generations to come.

Practical partnership

As part of its comprehensive range, Viessmann also offers a wide selection of complementary services. These services include a comprehensive training and further development programme for trade partners at the well equipped training facilities of the Viessmann Academy.

With its new digital services, Viessmann offers innovative solutions such as the operation and monitoring of heating systems by smartphone. Users benefit from greater reassurance and convenience, whilst contractors can keep a constant eye on the systems for which they are responsible.



Number 1 Trade Partner for the 15th consecutive time



Viessmann is a leading international manufacturer of efficient energy systems.

VISSMANN GROUP IN FIGURES

1917

— Viessmann was founded

12,000

— employees

2.5

— Group turnover in billions of euros

54

— export share in percent

23

— production companies in

12

— countries

120

— sales offices worldwide

74

— countries with agents and sales companies



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Your trade partner

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