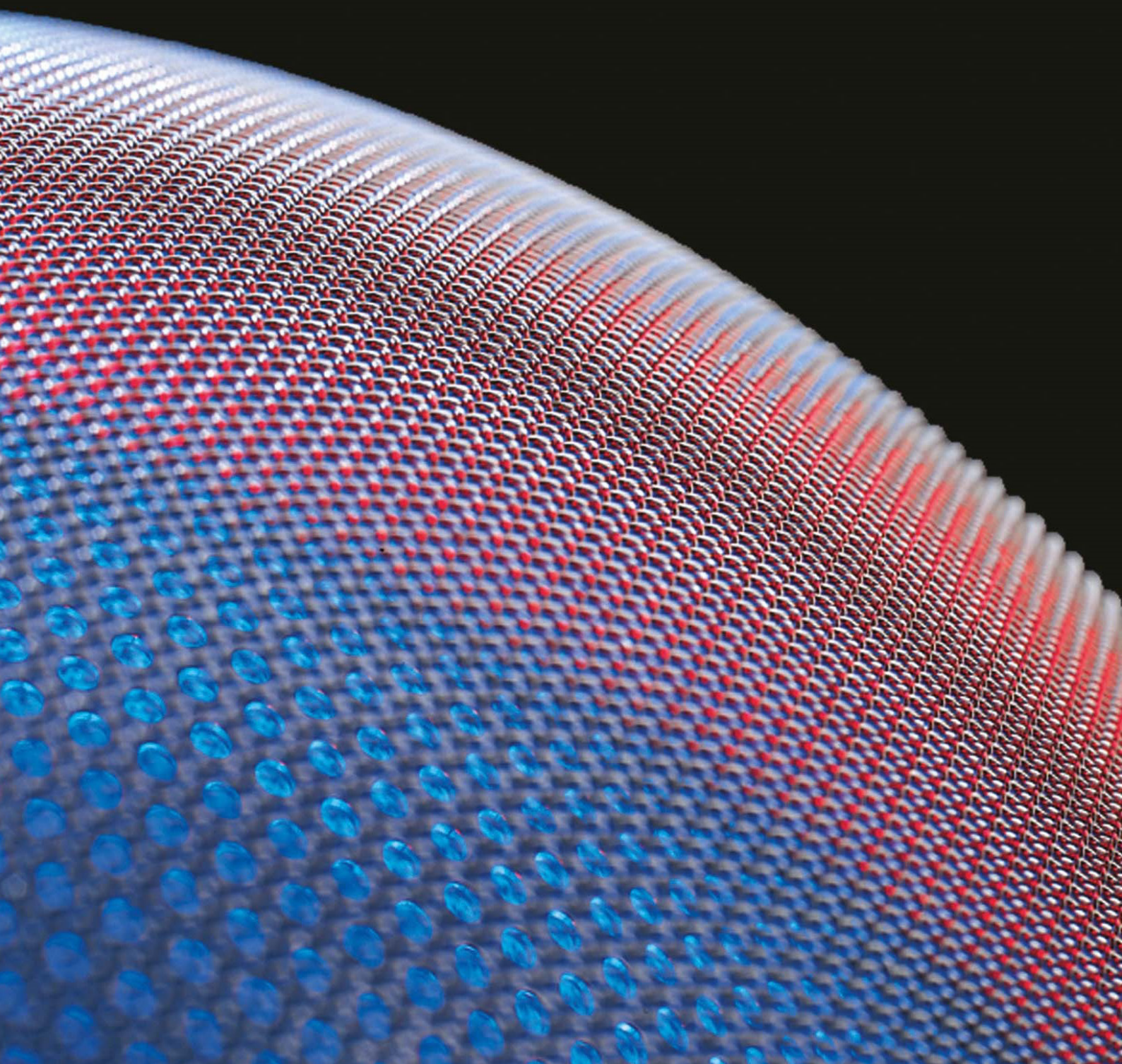




Gas Boilers & Radiator Heating





CONTENTS

Viessmann Condensing Gas Boilers	4
Vitodens 100-W Gas Boiler	11
Vitodens 111-W Gas Boiler	13
Vogel & Noot Radiators	14
T6 Centrally Connected Radiator	19
Vogel & Noot Towel Warmers	21
DION-VM Towel Warmer	21
AVONMORE Towel Warmer	23

Simple, Economical

Clean, Durable



When it comes to convenient home heating with natural gas and LPG, Viessmann has the solutions that can satisfy a wide range of demands: whether for a new build or retro-fit, a flat or a detached house, or even for major housing developments.

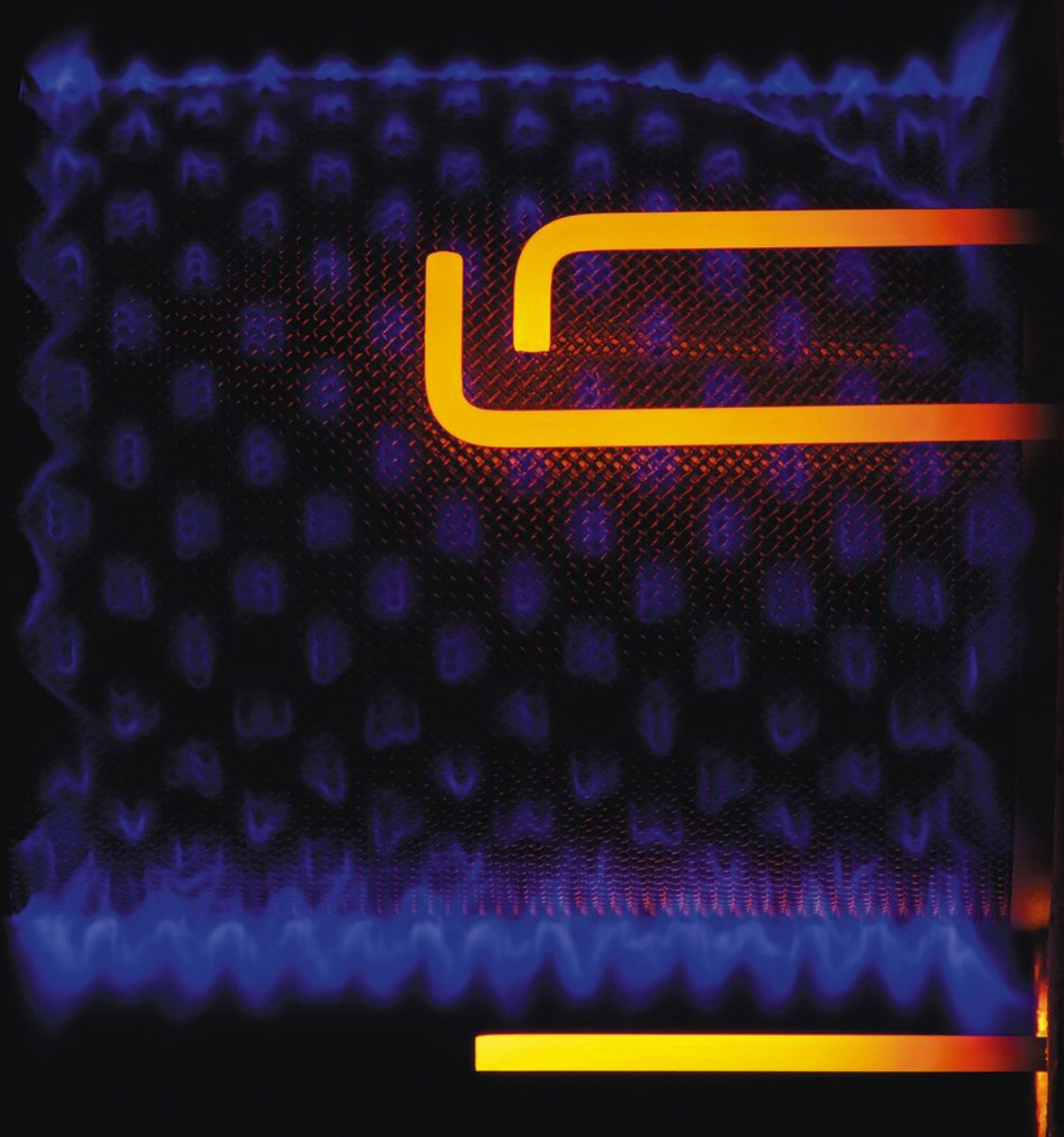
All Viessmann condensing boilers meet the requirements for efficient condensing technology. 98 percent or more of the energy spent is converted into heat. With such unbeatably high levels of efficiency, everyone who uses a gas condensing boiler is making a positive contribution to protecting the climate and the environment.



Environmentally Responsible,

Energy Efficient.

Viessmann Sets the Standard.



The MatriX Burner

Viessmann has been in business for over 100 years. The company has regularly set new standards in the development of the most advanced heating technology.

Right from the start, Viessmann has been one of the leading suppliers of heating equipment. Ongoing innovation has raised the efficiency in converting energy into heat which has pushed the limits in residential heating across the globe.

At the same time, Viessmann have been able to drastically reduce energy consumption and CO2 emissions of their boilers.

The MatriX Burner – A True Milestone in Heating Technology

The MatriX gas burner is your guarantee of high energy efficiency and heating convenience. Combined with the stainless steel Inox-Radial heat exchanger, this technology reduces heating bills and minimises harmful emissions, with no need for compromises.

The Lambda Pro combustion controller makes Viessmann gas condensing appliances future-proof. They adapt automatically to various types of gas and can even operate with partial bio-gas mixtures or LPG.

Stainless Steel Heat Exchanger

All Viessmann gas condensing boilers feature a stainless steel heat exchanger. This technology brings with it an extremely high efficiency rate of 98 percent and exceptionally reliable and efficient operation during its long service life. Viessmann guarantees Inox-Radial heat exchangers up to 150 kW with a ten year warranty against leaks resulting from corrosion.

Award-Winning Design

For Viessmann, top technology and an attractive design go hand in hand. In recent years, the company has received more than 40 significant design awards from all over the world for its products. Viessmann boilers have won the renowned red dot design award **twenty times**.



Weather Compensation with Gas Boilers

How does weather compensation work?

A small temperature sensor is located on the outside of the building, on a south facing wall (coldest side of the house). This is wired to the internal controls of the heat source and information about the outside temperature is sent to the heat source controller constantly.

When the temperature changes outside the heat source responds and starts to increase or decrease the heating water temperature to compensate. This pro-active mechanism means that people inside the building won't even notice that the temperature has changed outside.

For example, when the outside temperature drops at night, more heat is lost through the walls of the building. Because the outdoor sensor detects the fall as soon as it happens, the heat source is able to raise the heating water temperature and keep the inside temperature stable. With a conventional system, the temperature is dependent on a room thermostat, which will only take effect after the inside of the building has become too hot or too cold.

In summary, weather compensation controls enable the heat source to respond to outside temperature changes and adjust the radiator and/or central heating output to use only the energy required. This ensures a constant temperature is maintained indoors.

What does weather compensation mean to the householder?

Lower fuel bills - save up to 15% of your annual fuel bill - that's on top of the savings you'll make by changing a conventional boiler for a high efficiency condensing boiler.

A comfortable home - a constant temperature is maintained inside, despite the changing weather.

You won't even notice the changes - with central heating you won't notice the weather compensation control working, you will simply feel a very consistent and comfortable room temperature. If radiators are incorporated into your central heating system, you may notice changes to your radiator temperature automatically changing as the outside temperature increases and decreases to maintain the desired room temperature.

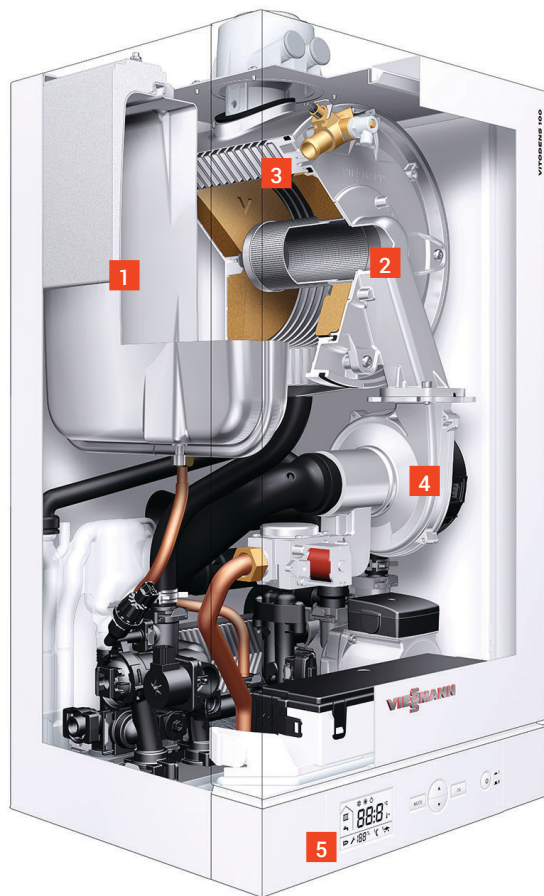
With weather compensation the boiler should fire so infrequently that for the first few months you'll probably keep checking it's still on!



VITODENS 100-W

Wall-Mounted Condensing Heating or Combi Gas Boiler

Efficient, compact, quiet and affordable, the Vitodens 100-W gas condensing boiler is the most popular solution for the average New Zealand home. Featuring innovative technology and services, combined with reliability and longevity, the Vitodens 100-W comes ready for smart technology, helping you to optimise your heating and save on energy costs.



10 Year Warranty

On all Stainless Steel Heat Exchangers for
Gas Condensing Boilers up to 150 kW

- 1 Integral Diaphragm Expansion Vessel
- 2 Modulating MatriX Cylinder Burner
- 3 Inox-Radial Heat Exchanger
- 4 Variable Speed Combustion Fan for Quiet and Economical Operation
- 5 Digital Control Unit with Touch screen

Benefits at a Glance:

- Vitodens 100-W boiler fits any home and budget with high performance at an attractive price
- Extremely quiet operation; quieter than most refrigerators
- Available in outputs from 19 to 35kW
- High quality stainless steel Inox-Radial heat exchanger
- Low CO₂ emissions for reduced environmental impact
- User friendly Backlit LCD Touch screen for easy operation
- 5 year standard warranty for the boiler. 10 year warranty for the heat exchanger



VITODENS 111

VIESSMANN



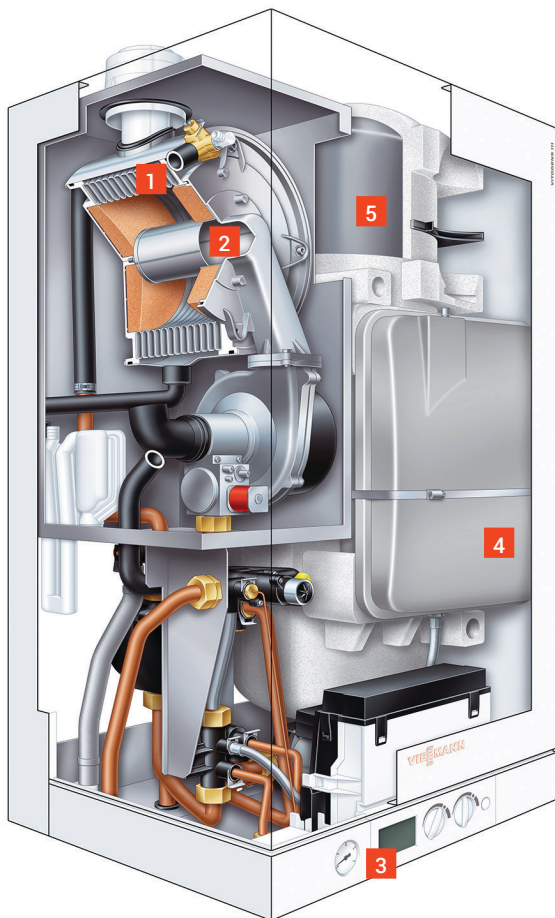
63°C - 11°C



VITODENS 111-W

Wall-Mounted Condensing Heating and Hot Water Gas Boiler

Rapid, reliable and compact, the Vitodens 111-W is a high performance wall mounted storage boiler for family homes with a high demand for hot water. With its cylinder loading system (CLS) and 46 litre integrated stainless steel storage tank, the 111-W has the capacity to fill a standard bath in just 8 minutes, whilst also supplying a sink or washbasin simultaneously.



10 Year Warranty

On all Stainless Steel Heat Exchangers for
Gas Condensing Boilers up to 150 kW

- 1 Innox-Radial Heat Exchanger
- 2 Modulating MatriX Cylinder Burner
- 3 Digital Control Unit with Touch screen
- 4 Integral Diaphragm Expansion Vessel
- 5 Hot Water Storage Tank

Benefits at a Glance:

- Integral 46 litre hot water cylinder. Equivalent to a separate 150 litre cylinder with a recovery time of 20 minutes
- High hot water capability of over 18 litres per minute
- Available in outputs from 26 and 35kW
- High quality stainless steel Innox-Radial heat exchanger
- User friendly dials for rapid adjustment of heating and hot water temperatures
- User friendly Backlit LCD Touch screen for easy operation
- 5 year standard warranty for the boiler. 10 year warranty for the heat exchanger

Superior Design, Superior Efficiency.



Perfectly suited for New Zealand's unpredictable weather, radiators provide high performance, rapid heat-up times and healthy, radiant heat without forcing dust allergens around your home. KE KELIT Climate Control offer a diverse and stylish range of radiators and heated towel rails from European supplier Vogel & Noot.

Radiator central heating is a fast and efficient way to heat your home. Radiators give you complete control over the temperature in each individual room. They heat from a lower level, so objects around them feel the warmth quickly through natural convection. Radiators are perfectly safe for children, elderly and pets and pose no risk to any furniture in close proximity.





Natural & Comfortable Warmth

The main advantage of central heating with radiators is its high level of performance. Radiant heat means that the warmth is concentrated where you need it most. Radiant heat heats up the room, furniture and people in it, which creates a more comfortable and natural warmth, similar to the rays of the sun.

It's a highly controllable heat too. You can make each room a separate zone, varying heat output according to the time of day and location. You'll enjoy radiant heat even in the largest rooms, with no cold spots and no draughts caused by air circulation. It's even good for furniture, with its gentler, more even heat and smaller variations in humidity.

More Benefits, More Savings

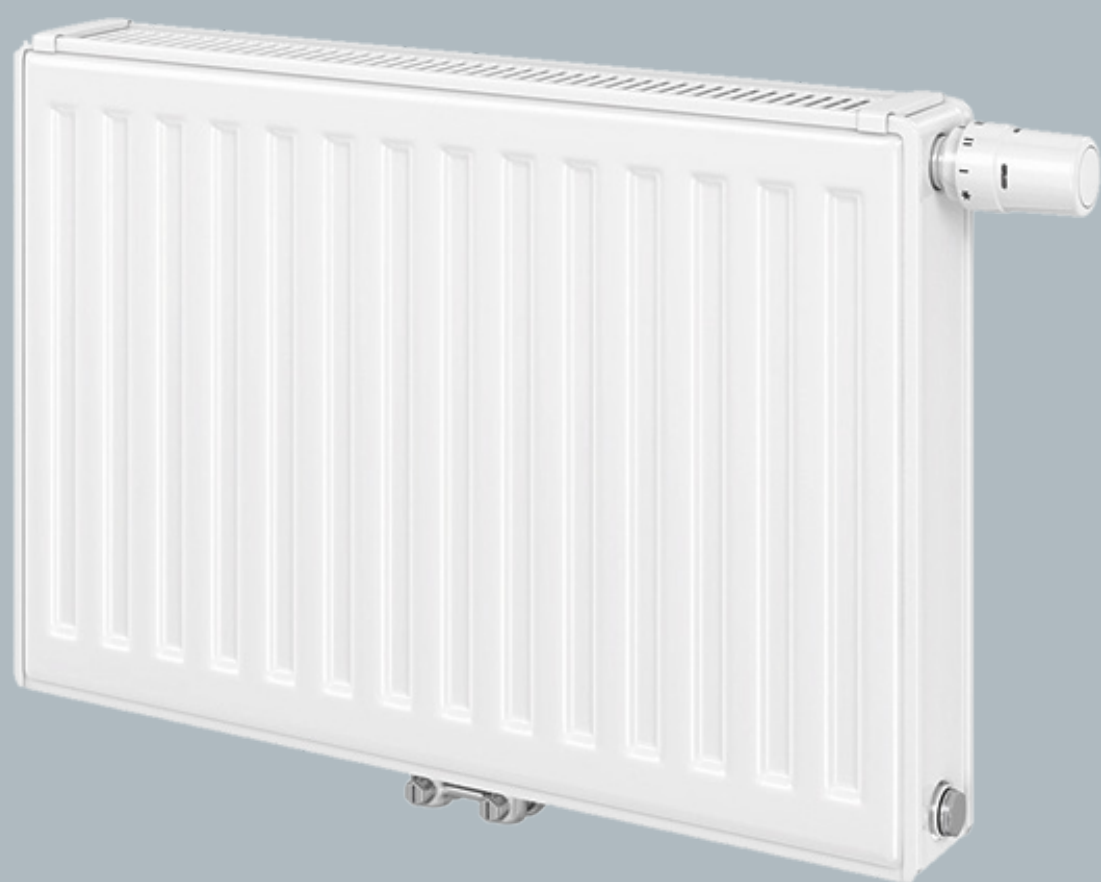
At KE KELIT Climate Control we act according to our values, are responsible to our clients and strive to protect our environment. The use of high-efficiency heat sources and weather compensation controls in conjunction with radiators will save our clients significant amounts of money over the life cycle of the system and reduce CO₂ emissions by meaningful amounts.

KE KELIT Climate Control has only two rules that are not flexible when designing a central heating system;

- All heat sources must be high efficiency and;
- Every system design must have a weather compensating control system.

These two rules are mandatory in countries like Germany; however, in New Zealand the option for inefficient heat sources and control systems are still allowed.

The small increase in investment is quickly returned by significant energy savings of up to 35%, and once this investment is returned you will experience efficient operation of your central heating system for years to come.



VOGEL & NOOT T6

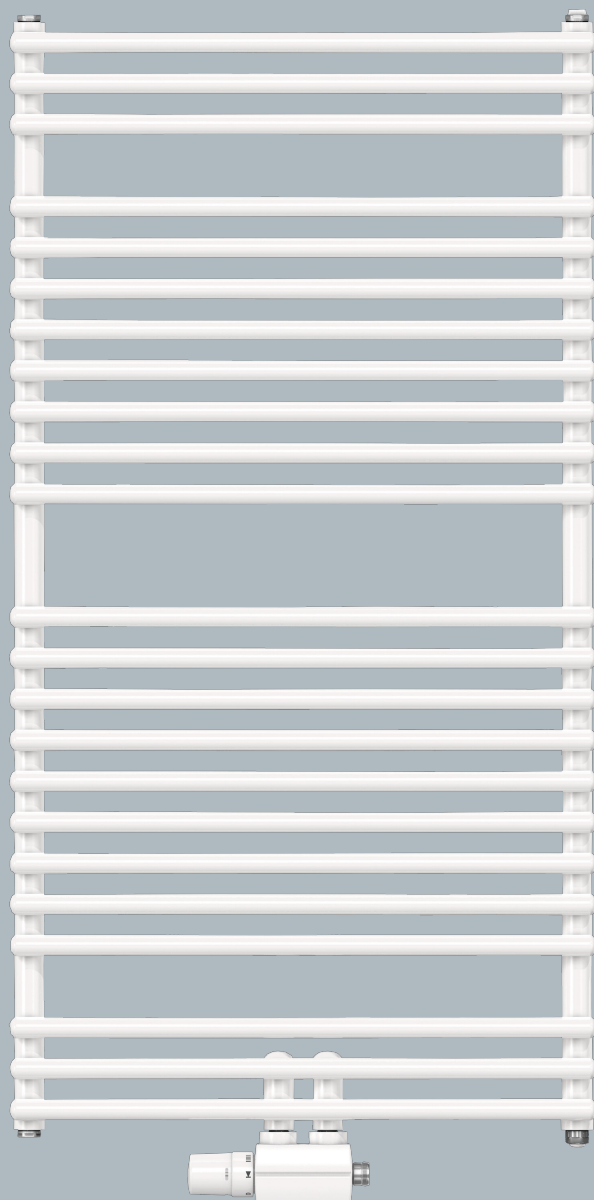
Centrally Connected Panel Radiator

As a long-standing top seller, the T6 defines the high standards of energy-efficient residential building. Due to its central connection position, it stands out for its remarkable flexibility in installation and planning. It comes with a removable top cover, closed lateral ports and special air-bleeding plugs. The T6 is a highly efficient high temperature radiator with a maximum operating temperature of 110°C.



Benefits at a Glance:

- Available in 4 models in over 200 sizes
- 71 different colours available (on indent)
- Thermostatic valve can be switched from either side of the radiator, with no need to turn the radiator and without crossing over the supply and return.
- Compared to sectional radiators, the T6 offers average energy savings of 15%



VOGEL & NOOT DION-VM

Centrally Connected Towel Warmer

An eye-catching, elegant design that brings comfort into your bathroom. The discreet horizontal heating pipes are ideal for hanging and drying hand towels and bath towels.



Benefits at a Glance:

- Available in white
- 12 different sizes available
- Provides additional storage space in your bathroom due to the amount of towels it can hold



MYSON AVONMORE

Side Connected Towel Warmer

An elegant, multi-rail design that brings style and comforting warmth into your bathroom. The curved horizontal heating pipes are ideal for hanging and drying towels



Benefits at a Glance:

- Available in chrome
- 12 different sizes available
- Available in curved or straight (on indent) models



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