

Builders' Guide to Sustainable Home Comfort

Climate-friendly hot water, heating and ventilation solutions for new builds.



Sustainable Solutions for Modern Homes

Experience the perfect blend of energy-efficient home comfort solutions through STIEBEL ELTRON's range of hot water, heating, and ventilation systems. Meticulously crafted, our products offer unparalleled performance and sustainability, ensuring your projects remain at the forefront of contemporary living. Step into a new age of home comfort.

When you partner with STIEBEL ELTRON, you align yourself with a company boasting an impressive century-long track record in building services. Our German heritage is a testament to our unwavering commitment to engineering excellence and innovation. With nearly fifty years of heat pump expertise and twenty five years specialising in ventilation solutions, we bring a wealth of knowledge to the table.



Domestic hot water

- › Hot water heat pumps
- › Electric instantaneous water heaters
- › Compact storage water heaters
- › Undersink water boilers

Discover our hot water range, deeply rooted in a rich German legacy dating back to 1924.

Our energy-efficient hot water heat pumps provide energy savings and lower utility bills. In addition, we offer electric instantaneous water heaters for on-demand hot water, compact storage units that maximise space efficiency, and convenient undersink boiling water units for quick and easy access to boiling water.

Ventilation

- › Decentralised ventilation units
- › Centralised ventilation units

Ventilation is essential for maintaining a continuous supply of fresh air, offering benefits such as heat recovery, energy cost reduction, and mould prevention.

These systems efficiently exchange indoor CO₂ with outdoor air, aided by high-quality filters that enhance air quality. This results in a comfortable and healthy indoor environment, ensuring energy efficiency and cost savings.



Heating

- › Air and ground source heat pumps
- › Fan heaters
- › Convection electric panel heaters
- › Underfloor heating mats

Our heating range ensures optimal comfort and energy efficiency for your entire home. Whether you need sustainable heating solutions or extra warmth for bathrooms, spare bedrooms, and studies, we've got you covered.

Our lineup features hydronic heat pumps using renewable energy to keep your spaces cosy and eco-friendly. With fan and panel heaters, we offer versatile and efficient heating options for spare bedrooms. Our bathroom-specific underfloor heating mats provide quick drying and added winter comfort.



Control and Monitor Hot Water from Anywhere

MyStiebel app compatible domestic Hot Water Heat Pump



NEW

Designed to seamlessly integrate into any home, this sleek appliance provides reliable hot water regardless of your current heating setup. Simply connect the heat pump to your Wifi, then take control in total comfort via the MyStiebel app – even away from home. A further advantage: your qualified installer can access the appliance via the Servicewelt portal and change settings quickly and conveniently. This often makes an on-site visit unnecessary.

- › Available in 200 L and 300 L
- › Control and monitor hot water from anywhere with a user-friendly app
- › Quiet operation, perfect for recirculation air mode
- › Solar PV compatible - optimises self-consumption (SG Ready)
- › Low running costs (optimised recirculation)
- › R290 refrigerant with low GWP
- › Hygiene program and timer function
- › Integrated element
- › MyStiebel app coming soon with timer functionality
- › Smart element with end user options
- › Premium models include Active def



Servicewelt



MyStiebel App



Hot water



Outdoor
installation



Indoor
installation



Air source



*Compatible solar inverter required





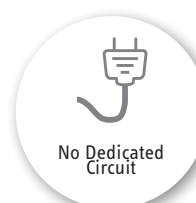
Easy Installation with Energy Efficient Hot Water

Energy efficient operation saves up to 74% on hot water energy use compared to a traditional hot water tank.



The WWK hot water heat pump is an environmentally friendly solution for generating energy-efficient hot water. It can be seamlessly integrated into solar PV systems to optimise the use of renewable energy for self-consumption. Their low power consumption eliminates the need for a dedicated circuit, simplifying installation and reducing energy costs.

- › European made
- › Active defrost function ensures energy-efficient operation down to -5 °C
- › Connects to solar PV
- › High operational reliability and long service life due to impressed current anode
- › Quiet operation due to encased compressor
- › Can be installed indoors (13 m³ required)
- › H-models come with 1.7 kW smart element



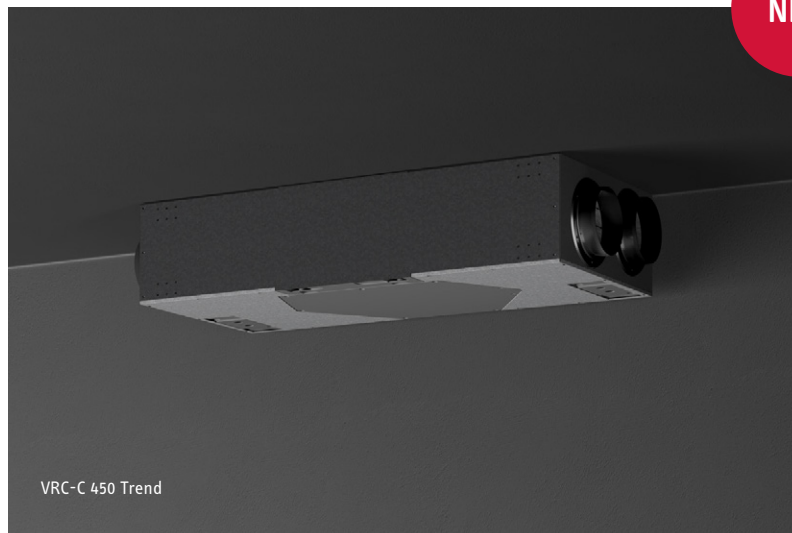
Government rebates for renewable energy systems

Rebates and financial incentives are offered Australia-wide at a federal and state level for using hot water heaters which are powered by renewable energy. Additional rebates may be available from state governments or local councils, depending on the type of water heater that is being replaced as well as the new system being installed.



Breathe Easy with Healthy Indoor Air

Create a healthier home environment with STIEBEL ELTRON's ventilation solutions. Each heat recovery ventilation unit is equipped with air filters that effectively eliminate pollen from incoming outdoor air, making it the perfect setting for those with asthma and allergies. The cross-flow heat exchanger efficiently captures heat from the extracted exhaust air and channels it to warm the incoming fresh air.



NEW

The VRC-C 450 Trend delivers energy-efficient ventilation by recovering heat from outgoing air to warm incoming fresh air. Featuring balanced airflow, frost protection, quiet operation, and smart controls, it ensures year round comfort and superior indoor air quality.

- › Compact and discrete ceiling installation
- › Up to 90% heat recovery efficiency
- › Convenient operation with WiFi & My Stiebel App functionality via WLAN module
- › Easy to clean and replace filters, ensuring optimal hygiene
- › CO₂ & indoor air quality monitoring
- › Whisper quiet Operation

Four components for good indoor air



Room temperature

Generally, temperatures between 19 and 23 °C are felt to be comfortable in a house or apartment.



Humidity

In our homes, optimum humidity lies between 40 and 50 %. In heated rooms this should not sink below 30 % or rise above 60 %.



Air purity

For a feeling of wellbeing, the CO₂ content of the air should be as low as possible. Depending on the time of year and the location, fresh outdoor air generally contains around 300 to 400 ppm.



Air movement

For the movement of air within a living space to be perceived as pleasant, its speed should be between 0.1 and 0.15 m/s.





Fresh Air Redefined with HEPA and Wifi Connectivity

VRC-W 450/600



Looking for a stylish and efficient way to supply fresh, healthy air to your home or commercial property? Introducing the VRC-W Premium, which surpasses its predecessors in terms of efficiency, comfort, and modern aesthetics. This quiet and compact device can be easily installed on the wall, making it suitable for single-family homes, apartments, and small commercial properties.

- › Suitable for outside temperatures ranging from -20°C to +50°C.
- › Improve air quality with optional filter upgrades, including fine dust filters and HEPA filters.
- › Convenient operation with WiFi connectivity.
- › Easy-to-clean and replace filters, ensuring optimal hygiene
- › Efficient operation with balanced air volume flow.
- › Innovative preheater ensures outside air temperature balance during winter months.
- › Built in CO₂ monitoring



MyStiebel App



Ventilation



Indoor
installation



Heat recovery

Wall Mounted Heaters with Smart Energy Saving Features

Experience the perfect balance of energy efficiency and comfort.



Fan assisted room heaters

CK Premium Fan Heater

Ideal for those in need of quick, quiet home heating. The specially designed fan operates silently, perfect for bedrooms, living rooms, or any space where you need warmth without noise.

- › Wall mounted fan heater – ideal as a supplementary heater or interim heater in Spring/Autumn
- › Fast room heating
- › High quality design with an aluminium front
- › Operating controls with illuminated LCD screen
- › Weekly timer, 120-minute timer, frost protection and open window detection
- › Silent mode with 1 kW base heating stage
- › Control unit with self-learning capability: automatic calculation of the preheat time in timer mode
- › ON/OFF switch and overheating protection



Convection Panel Heaters

CNS Plus LCD Convection Electric Panel Heaters

These wall mounted panel heaters look the part in any room thanks to a modern, slimline design. Featuring a backlit smart control LCD display with energy saving features.

- › Stylish, wall-mounted convector heater
- › Silent operation with precise temperature control
- › Easy-to-use LCD screen with weekly timer
- › Self-learning preheating and open window detection
- › Splash proof and suitable for bathroom use (IP24)
- › Overheating protection for safety
- › Ideal for standalone or supplementary heating



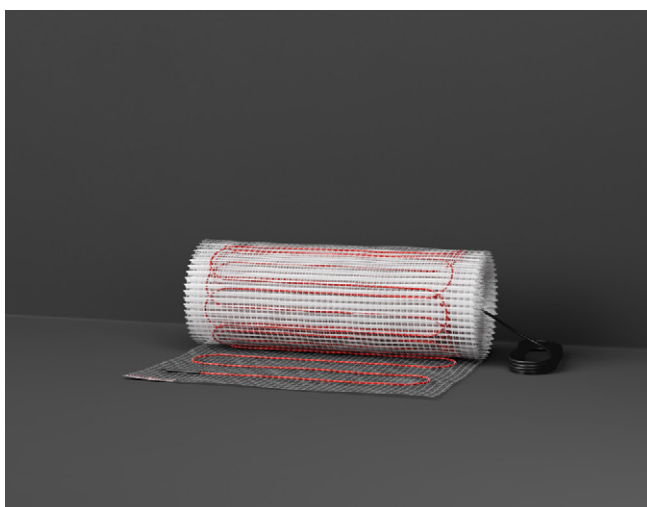
GPO Plug





Bathroom Comfort with Underfloor Heating Mats

Crafted for optimal comfort and a luxurious experience, underfloor heating mats bring fast and efficient underfoot warmth. Equipped with an electronic controller featuring seamless Wi-Fi connectivity, they effortlessly maintain your desired floor temperature at your preferred time.



Underfloor heating mats

FTM and FTB mats

- › Helps prevent mould by drying out bathroom floors and shower bases
- › Made in Germany
- › Radiant heating ideal for respiratory conditions.
- › Easy installation with adhesive mesh to hold mat in place
- › Ideal for renovations as the mat is not required to be recessed into the building slab
- › Silent operation
- › 7 year domestic warranty^
- › ON/OFF switch and overheating protection



Electronic controller

RTF Connect

- › Electronic controller with WiFi-connectivity
- › Set and forget programmable controller with day programs, party and holiday modes
- › One controller can operate both the underfloor and in-shower mat up to 10m²
- › No gateway required
- › Trouble-free setup and use
- › Redundant control - full control at the thermostat
- › Full control of heating zones, individual thermostats, heating schedules, heating modes

Air and Ground Source Hydronic Heat Pumps



Air Source Heat Pumps

Air source heat pumps efficiently use energy from the outside air to provide hydronic heating, cooling, and hot water, a versatile and environmentally friendly energy solution.

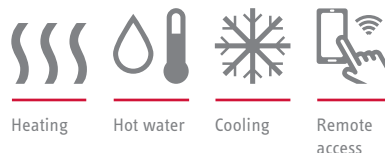
- › Harvests energy from the outside air for comfortable heat for your home
- › Suitable for use with both in-slab and radiators
- › High efficiency with inverter technology
- › Very quiet operation
- › High flow temperatures up to 75 °C
- › Internet control and maintenance
- › Smart Grid ready for connection to solar PV and energy management systems
- › Defrost function for cold climates



Ground Source Heat Pumps

Geothermal heat pumps efficiently use energy from the ground to provide hydronic heating, cooling, and hot water, a sustainable and renewable energy solution.

- › High efficiency with inverter technology
- › Silent mode, for even quieter operation
- › Installed indoors with ducting
- › High flow temperatures up to 75 °C
- › Smart Grid ready for use with solar PV and energy management systems
- › Extremely quiet operation
- › Domestic or commercial applications





Get the Hot Water you Need, When you Need it.

At STIEBEL ELTRON, we believe that innovation and efficiency go hand-in-hand. That's why we're committed to developing compact, point-of-use water heating solutions that provide hot water instantly, where you need it most.

Our point-of-use water heaters are designed to save you energy and money, while still providing you with the hot water you need when you need it. They're also easy to install and maintain, making them the perfect solution for any home or business.



Electric instantaneous water heaters



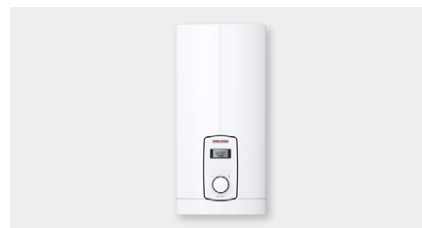
DHE AU

- › For multiple outlets
- › Stable water output thanks to 4i technology
- › Water and energy consumption tracking features
- › 20 – 60 °C



DEL Plus

- › For kitchens and bathrooms
- › 50 °C maximum overcomes the need for an external tempering valve
- › ECO mode for energy savings
- › Temperature memory function
- › 20 – 50 °C



DHB-E LCD

- › For multiple outlets
- › New generation DHB-E
- › Electronically controlled
- › Selectable temperature
- › 20 – 60 °C



DEM 6

- › Optional touch-free sensor tap
- › Instantaneous water heater
- › 50 °C maximum overcomes the need for an external tempering valve
- › For a single draw-off point

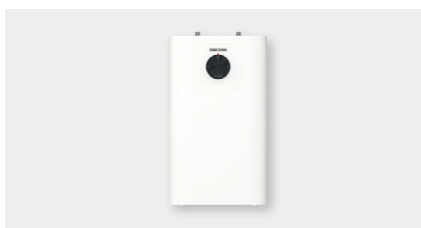


DHCE

- › Ideal for low output requirements
- › 50 °C and 60 °C Max. models
- › Overcome the need for an external tempering valve (50 °C models)

Hot water usage recommendations may vary state to state due to differences in regional climate and cold water temperature.

Compact storage water heaters



SNU Plus

- › Single outlet point of use supply
- › Open vented operation – no safe tray or PTR-valve required
- › Available in 5 litre or 10 litre tank capacity



SHC

- › 60 °C hot water supply to multiple outlets
- › Mains pressure operation
- › Enamelled steel tank
- › Insulated design minimising heat losses



HOT 2.6

- › Automatic water boiler paired with 3 in 1 Tap
- › Provides immediate hot water
- › Push & turn mechanism for safe hot water draw-off
- › Insulated design minimising heat losses

Design-Kollektion

Pairs with the
HOT 2.6



3-in-1 – Gold



3-in-1 – Black



3-in-1 – Brushed Nickel

Pairs with the
SNU Plus



Fixed – Gold



Fixed – Black



Fixed – Brushed Nickel

Pairs with the
SNU Plus



Goose – Gold



Goose – Black



Goose – Brushed Nickel





Recharge your energy with ours

We need energy to live. As a family business, we endeavour to ensure that energy will still be available in tomorrow's world. That is why we advocate environmentally responsible and efficient building services that safeguard investment. We act for the future – yours and ours.

Since 1924, STIEBEL ELTRON has been synonymous with reliable solutions for domestic hot water, heating, ventilation and cooling. We maintain a clear focus in the energy debate: electricity, preferably harnessed from renewables, is the energy of the future. That is why we rely on approximately 5,000 employees around the world for efficient heating solutions with green technologies.

From the design and manufacture of your appliance through to its maintenance, we systematically apply our expertise, strength of innovation and experience – gained from working with customers with high standards, such as yourself, and from the sale of more than two million appliances each year. We have the right solution to meet any requirement. Solutions designed to raise the level of convenience in your home today and still be up to date tomorrow.

You can see first hand our commitment to green technology by visiting the Energy Campus at our head office in Holzminden, Germany. This training and communication centre is our flagship project for sustainable and resource-efficient construction. It combines the highest standards of architectural and communication quality. As a PlusEnergy building, it generates more energy than it consumes. Come and experience what our name stands for – in theory and practice.

For new and interesting information on our products, visit
www.stiebel-eltron.com.au or consult your local trade partner.

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