

# Get used to outstanding quality

- › Unique technology offering plenty of convenience with low energy consumption



# STIEBEL ELTRON is full of energy

As a family company driven by innovation, throughout product development and manufacture we maintain a clear focus on environmentally responsible, efficient and convenient building services for your home. Because we're full of energy and ready to shape the future!

**The future belongs to  
environmentally responsible and  
efficient building services.**

Since 1924 we have been developing highly efficient products and maintain a clear focus on electricity as our primary energy source. Electricity which, nowadays, is increasingly obtained from renewables.

We rely on approximately 3700 employees around the world and their expertise at every stage of development – from the initial design, right through to the manufacture of the final product. The result – efficient and innovative solutions for domestic hot water, heat, ventilation and cooling. With our extensive product range, we always have the right option to help you prepare your home for the demands of the future – today.

At our head office in Holzminden, Germany, we have also established a clear focus on green technology – with the Energy Campus, our flagship project for sustainable construction which makes careful use of resources. This training and communication centre brings together high quality architecture and communication technology. And as a Plus Energy building, it generates more energy than it consumes. This is in keeping with our brand promise “Full of energy” and creates a space where the spirit of STIEBEL ELTRON can be experienced both in theory and practice.





“I always need a shower to wake me up in the morning. Lovely hot water at just the right temperature simply makes me feel great! It’s the perfect start to any day.”

# It's all about the technology

With their i technology and bare wire heating system, STIEBEL ELTRON instantaneous water heaters provide maximum DHW convenience in a highly efficient manner with the greatest possible safety standards.

**i technology – for convenience and efficiency, intelligently combined**  
i technology from STIEBEL ELTRON sets new standards, not only in terms of overall DHW convenience, but also when it comes to energy efficiency.



› 4i technology – limitless premium comfort. Accurate temperature delivery at all times without fluctuations, plus highest efficiency.



› 3i technology – excellent DHW convenience. Constant and accurate DHW temperature up to the output limit with highest efficiency.



› 2i technology – everyday DHW convenience. Constant DHW temperature achieved by mixing at the tap, plus good efficiency.

**Bare wire heating system – for rapidly available DHW and a long product life**

The bare wire heating system used by STIEBEL ELTRON, in which water circulates directly around the bare wire heater spirals, offers considerable added value. The required temperature is reached quickly and kept absolutely constant. As a further advantage, the system can be used without difficulty in hard water areas.






## Good reasons to choose a STIEBEL ELTRON instantaneous water heater

- › Premium DHW convenience: accurate temperature delivery without fluctuations in temperature
- › Very rapid heat-up time
- › Very high efficiency
- › Also suitable for use in hard water areas
- › Maintenance-free
- › Long product service life
- › Very high safety standards in operation

# Comfort instantaneous water heaters – unlimited DHW convenience

Instantaneous water heaters conveniently supply domestic hot water precisely when needed and in exactly the right amount. They are perfect for greater DHW demand at high temperatures. A single appliance can be used for multiple draw-off points in parallel. Classic application areas include bathrooms and kitchens. Our wide range of products features highly efficient comfort instantaneous water heaters for a huge variety of requirements, offering you all the benefits of decentralised DHW heating. Take advantage of STIEBEL ELTRON's decades of experience and appliances that have been tried and tested in the field – over 25,000,000 sold and counting.

## COMFORT INSTANTANEOUS WATER HEATERS

	Page 06	Page 08	Page 10	Page 12	Page 13
					
	PREMIUM	PLUS		TREND	
Model	DHE SLi	DEL SLi	DHB-E SLi	DHB STi	HDB-E Si
Energy efficiency class	A	A	A	A	A
Control concept	4i	3i	3i	2i	2i
Temperature selection	Variable, 20–60 °C	Variable, 30–60 °C	Variable, 30–60 °C	Three stages, 35, 45, 55 °C	Fixed temperature 55 °C
Display and operation	Multifunction display + rotary selector	LCD + rotary selector	Rotary selector	Rotary selector	
Graphic display of consumption and costs	■				
ECO mode	■				
Temperature memory	■				
Mini wireless remote control	■				
43 °C-anti-scalding protection   childproofing	■   ■	■   -	■   -		
Rotating cap with programming unit on top	■	■	■	■	





# DHE SLi

## MAXIMUM SHOWERING COMFORT WITH 4i TECHNOLOGY

The DHE SLi comfort instantaneous water heater supplies water heated to precisely the right temperature at all times. 4i technology also compensates for all external factors, maintaining the required outlet temperature at a constant level. This appliance boasts excellent features offering outstanding comfort.

### Visible efficiency at all times

The digital multifunction display shows the set water temperature at all times. A green display backlight indicates that the appliance is operating at a high level of efficiency. Precise energy and water consumption, as well as reduction in CO<sub>2</sub> emissions, can also be displayed at any time.



### Benefits for your home

- › Accurate temperature delivery at all times from 20 °C to 60 °C thanks to 4i technology
- › Temperature memory keys
- › ECO functions for saving water and energy
- › The display shows the current water and energy consumption
- › Adjustable temperature limit for childproofing (anti-scalding protection)



PREMIUM			
Model	DHE 18 SLi 25A	DHE 18/21/24 SLi	DHE 27 SLi
	<b>227492</b>	<b>227493</b>	<b>227494</b>
Energy efficiency class	A	A	A
Rated output	kW 18	18/21/24	27
Rated current	A 26	29/33/35	39
Fuses	A 25	32/32/35	40
Power supply	-/V/Hz 3/PE/400/50/60	3/PE/400/50/60	3/PE/400/50/-
Max. permissible inlet temperature	°C 65	65	65
DHW delivery	l/min 9.2	9.2 / 10.7 / 12.3	13.8
Height/Width/Depth	mm 478/225/105	478/225/105	478/225/105
IP-Rating	IP25	IP25	IP25

Note: All appliances can also be operated with a rated voltage of 380 V or 415 V.

# DEL SLi

## THREE TIMES THE INTELLIGENCE FOR HIGH CONVENIENCE

The electronically controlled DEL SLi instantaneous water heater accurately captures the flow rate as well as the cold and hot water temperatures, and uses these details to regulate the heating output. This ensures constant and precise outlet temperatures right up to the output limit.

### Reach the right temperature in small increments

The DEL SLi has a rotary selector for variable adjustment of the temperature from 30 °C to 60 °C in increments of 1.0 °C.



## Benefits for your home

- › 3i technology for accurate temperature delivery up to maximum output
- › Anti-scalding protection (43 °C) can be permanently activated
- › LCD
- › Saves up to 30% on water and energy compared with hydraulically controlled instantaneous water heaters



	PLUS		
Model	DEL 18 SLi 25A	DEL 18/21/24 SLi	DEL 27 SLi
	<b>227498</b>	<b>227499</b>	<b>227500</b>
Energy efficiency class	A	A	A
Rated output kW	18	18/21/24	27
Rated current A	26	29/33/35	39
Fuses A	25	32/32/35	40
Power supply ~V/Hz	3/PE/400/50/60	3/PE/400/50/60	3/PE/400/50/-
Max. permissible inlet temperature °C	65	65	65
DHW delivery l/min	9.2	9.2/10.7/12.3	13.8
Height/Width/Depth mm	478/225/105	478/225/105	478/225/105
IP-Rating	IP25	IP25	IP25

Note: All appliances can also be operated with a rated voltage of 380 V or 415 V.







# DHB-E SLi

## ACCURATE TEMPERATURE DELIVERY, AS AND WHEN REQUIRED

On the DHB-E, the water temperature is continuously electronically controlled by three sensors with 3i technology. This makes temperature fluctuations a thing of the past. It also ensures accurate temperature delivery up to the maximum output – making showering a delight – every time.

### For unadulterated showering pleasure

With its high efficiency and output, the DHB-E offers a reliable and constant supply of hot water. The rotary selector quickly enables accurate temperature delivery between 30 and 60 °C.

### Benefits for your home

- › 3i technology ensures accurate temperature delivery from 30 °C to 60 °C up to maximum output
- › Infinitely variable temperature selection
- › Wide selection of models
- › Anti-scalding protection (43 °C) can be permanently activated



PLUS					
Model	DHB-E 11 SLi	DHB-E 13 SLi	DHB-E 18 SLi 25A	DHB-E 18/21/24 SLi	DHB-E 27 SLi
	<b>232013</b>	<b>232014</b>	<b>232015</b>	<b>232016</b>	<b>232017</b>
Energy efficiency class	A	A	A	A	A
Rated output	kW 11	13,5	18	18/21/24	27
Rated current	A 16	19,5	26	29/31/35	39
Fuses	A 16	20	25	32/32/35	40
Power supply	~/V/Hz 3/PE/400/50/60	3/PE/400/50/60	3/PE/400/50/60	3/PE/400/50/60	3/PE/400/50/60
Max. permissible inlet temperature	°C 60	60	60	60	60
DHW delivery	l/min 5.6	6.9	9.2	9.2/10.7/12.3	13.8
Height/Width/Depth	mm 478/225/105	478/225/105	478/225/105	478/225/105	478/225/105
IP-Rating	IP25	IP25	IP25	IP25	IP25

Note: All appliances can also be operated with a rated voltage of 380 V or 415 V.

# DHB STi

PERSUASIVELY GOOD, DAY AFTER DAY

The DHB STi has been combined with straightforward three-stage temperature pre-selection. The 2i technology ensures constant, accurate temperature delivery by mixing at the tap.

## STIEBEL ELTRON entry level appliances

The DHB STi is an ideal entry level appliance for those who want to benefit from the high manufacturing quality and considerable experience of STIEBEL ELTRON. An excellent choice for those who simply want hot water.



### Benefits for your home

- › Three-stage temperature pre-selection, approx. 35 °C, 45 °C, 55 °C
- › 2i technology for a constant DHW temperature up to maximum output

DHB STi



		TREND			
Model		DHB 18 STi 227612	DHB 21 STi 227613	DHB 24 STi 227614	DHB 27 STi 227615
Energy efficiency class		A	A	A	A
Rated output	kW	18	21	24	26
Rated current	A	26	31	35	39
Fuses	A	25	32	35	40
Power supply	-/V/ Hz	3/PE/400/ 50/60	3/PE/400/ 50/60	3/PE/400/ 50/60	3/PE/400/ 50/-
Max. permissible inlet temperature	°C	35	35	35	35
DHW delivery	l/min	9,2	10,7	12,3	13,8
Height/Width/Depth	mm	470/225/110	470/225/110	470/225/110	470/225/110
IP-Rating		IP25	IP25	IP25	IP25

# HDB-E Si

## START IN THE EFFICIENCY CLASS

The HDB-E Si is an inexpensive DHW solution in classic STIEBEL ELTRON quality. The DHW temperature is factory-set to a constant 55 °C. The individually required temperature is achieved directly at the tap by mixing in cold water.

### Always ready

The HDB-E Si is suitable for all types of water – soft or hard – thanks to its bare wire heating system. Equipped with 2i technology, it is also ideal as a replacement for instantaneous water heaters with hydraulic control.



### Benefits for your home

- › Constant DHW temperature from 55 °C to the output limit thanks to 2i technology
- › Perfect for replacing instantaneous water heaters with hydraulic control

HDB-E Si



		TREND			
Model		HDB-E 12 Si 232003	HDB-E 18 Si 232004	HDB-E 21 Si 232005	HDB-E 24 Si 232006
Energy efficiency class		A	A	A	A
Rated output	kW	10.7	18	21	24
Rated current	A	16	26	31	35
Fuses	A	16	25	32	35
Power supply	-/V/ Hz	3/PE/400/ 50/60	3/PE/400/ 50/60	3/PE/400/ 50/60	3/PE/400/ 50/60
Max. permissible inlet temperature	°C	35	35	35	35
DHW delivery	l/min	5.5	9.0	10.5	12
Height/Width/Depth	mm	470/225/117	470/225/117	470/225/117	470/225/117
IP-Rating		IP25	IP25	IP25	IP25

Note: All appliances can also be operated with a rated voltage of 380 V or 415 V.





# Accessories

## DISCOVERING POSSIBILITIES

Our extensive range of accessories allows all our appliances to be adjusted to your personal requirements – for tailor-made comfort. From the control unit of a single appliance to an elegant tap, STIEBEL ELTRON offers everything from a single source. For that reason, all components are perfectly matched to each other and guarantee a long service life for lasting solutions. For further information on our extensive range of accessories for your STIEBEL ELTRON products, see [www.stiebel-eltron.com](http://www.stiebel-eltron.com) or speak to your local trade partner.

### Sensor taps

#### Unmatched ease of use and convenience

The WSH sensor tap (pressure-tested operation) is operated solely via its motion sensor and is particularly suited to use at heavily frequented washing stations. The mixed water temperature can be freely selected or preset. An economical aerator and automatic shutdown via infrared sensors reduce water consumption and save

energy. Equipped with a hot water stop and hygiene flushing, which can be programmed as a 12 or 24-hour cycle, the WSH meets all standards of comfort and convenience. Depending on the version, power is supplied via a mains plug or battery.



### Surface mounted pressure taps

#### The last word in top class DHW comfort

The mono lever pressure taps with chrome finish and excellent DHW delivery make a perfect combination. Easy and convenient to use as mono lever mixer taps, both taps can be combined with every comfort instantaneous water heater.

They are a perfect choice for bathrooms and kitchens. As well as the MEBD and MEKD taps shown, a further extensive range is available to choose from.



# We speak one language the world over: German engineering

STIEBEL ELTRON is a global company with German roots. We aim to impress with innovations and quality – worldwide. We are represented with six production facilities, 26 subsidiaries and agencies in over 120 countries.

We consider ourselves a partner in the market and focus on requirements. Accordingly, we conceive ideas and develop products that suit each particular market and the ways in which people actually live. With our high level of vertical manufacturing, spirit of invention and unwillingness to settle for the first solution to a problem, we ensure the quality of our products worldwide.

We believe the best solutions arise in an environment where both engineering excellence and outstanding employees with exacting quality standards are appreciated.

**The future – made by STIEBEL ELTRON**



# STIEBEL ELTRON

Your local trade partner:

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Have we sparked your interest? For further information, see [www.stiebel-eltron.com](http://www.stiebel-eltron.com) or consult your local trade partner.



STIEBEL ELTRON International GmbH | Dr.-Stiebel-Strasse 33 | 37603 Holzminden | Germany  
Email [info@stiebel-eltron.com](mailto:info@stiebel-eltron.com) | [www.stiebel-eltron.com](http://www.stiebel-eltron.com)

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