

Hot water where you need it

- › Space saving technology that ensures perfectly heated hot water where you need it



STIEBEL ELTRON is full of energy

As a family company driven by innovation, we maintain a clear focus on environmentally responsible, efficient and convenient building services for your home.

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

Since 1924 we have been developing highly efficient products and maintained 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 is 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.



“My first flat. And I’ve got to make the most of the space I have. That is why this compact instantaneous water heater is perfect for me. It delivers the exact amount of hot water I need – and leaves me enough room for my other things.”



ENERGY
CAMPUS



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 – NO LIMESCALE & HIGHER EFFICIENCY

The bare wire heating system used by STIEBEL ELTRON, in which water circulates directly around the bare wire heater spirals, offers considerable added value compared with typical instantaneous water heaters with tubular heaters. 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 as the vibrating wires prevent the build of limescale for longer product life and powerful hot water supply that never diminishes.

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

Exactly the right amount of hot water – every time

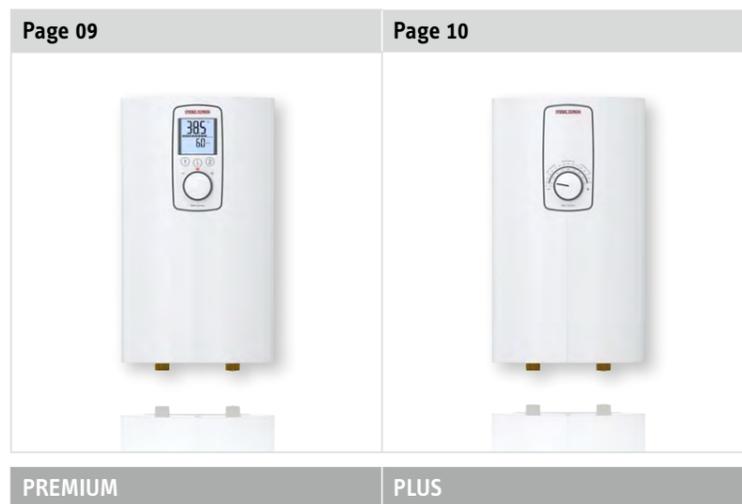
Mini and compact instantaneous water heaters are excellent choices for small to medium amounts of hot water, such as are required at a hand washbasin, or for the shower. The big advantage of this decentralised solution is that hot water is available almost instantaneously, avoiding potential losses in the supply line. Instantaneous water heaters only ever heat the exact amount of hot water that is currently required. The technology is reliable, durable and never fails to impress.

Decentralised DHW provision anywhere in any building
Use the table below to aid selection of the correct product.

Requirements	Compact instantaneous water heater	Mini instantaneous water heater
Supplies one kitchen sink (12kW model only*)	■	
Supplies one shower	■	
Supplies one hand washbasin		■
Supplies two hand washbasins	■	
High temperature	■	
Moderate temperature		■
Moderate DHW consumption	■	
Low DHW consumption		■

*Based on 48 °C supply in line with TMV anti-scald guidelines.

COMPACT INSTANTANEOUS WATER HEATERS



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	PREMIUM	PLUS
Model	DCE-X Premium	DCE-S Plus
Energy efficiency class	A	A
Control concept	4i, fully electronic closed-loop control	3i, electronic closed-loop control
Rated output	6/8/10/12	6/8/10/12
Electrical connection	1/N/PE	1/N/PE
Selectable output	■	■
Temperature selection	Variable, 20–60 °C	Variable, 20–60 °C
Display and operation	Multifunction display	Rotary selector
Temperature limit (anti-scalding protection)	43 °C, 50 °C, 55 °C	43 °C, 50 °C, 55 °C
Temperature memory	■	
Undersink installation	■	■
Oversink installation	■	■

MINI INSTANTANEOUS WATER HEATERS



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PREMIUM
DEM
A
Electronic closed-loop control
3.5/4.4/5.7/6.5
1/N/PE, 2/PE (6.5 kW)
Temperature increase by approx. 25 °C
Internally adjustable, 30–50 °C
■
■



DCE-X Premium

COMPACT APPLIANCE, CLEVER FUNCTIONS

The DCE-X Premium compact instantaneous water heater, is the first in its class to feature 4i technology, works so precisely that accurate temperature delivery is guaranteed at all times. Frequently used temperature selections can be stored with the aid of two memory keys. Water is only heated at the time of draw-off for high energy efficiency.

Precise information at a glance

The illuminated multifunction display enables easy operation of the appliance. It also shows the set water temperature at all times. Precise information on the current power consumption, energy consumption, flow rate and time, as well as status and service indicators, can be accessed as required.



Space is not an issue

Thanks to its compact design, the DCE-X Premium is suitable for kitchen sinks (10/12 model on 12kW setting only), washbasins and showers. In commercial settings, it can be used in utility rooms or for supplying multiple hand washbasins in sanitary facilities.

Benefits for your home

- › Maximum energy efficiency and accurate temperature delivery at all times thanks to fully electronic closed-loop control
- › Easy operation via a large, backlit multifunction display
- › Particularly energy efficient in ECO mode
- › Bare wire technology means no loss of performance through limescale
- › Two temperature memory keys
- › Permanently selectable temperature limit can be set to 43°C, 50°C or 55°C



Model	PREMIUM	
	DCE-X 6/8 Premium 238158	DCE-X 10/12 Premium 238159
Energy efficiency class	A	A
Rated output	kW 6.6/8.7	10.9/13.1
Rated current	A 27.3/36.4	45.5/54.5
Fuses	A 30/40	50/60
Phases	1/N/PE	1/N/PE
Rated voltage	V 230	230
Frequency	Hz 50/60	50/60
Max. permissible inlet temperature*	°C 70	70
DHW delivery	l/min 3.4/4.5 @ 230V	5.6/6.7 @ 230V
Height/Width/Depth	mm 372/217/109	372/217/109
IP-Rating	IP25	IP25

*Water delivered @ 38°C with a cold water inlet temperature of 10°C.

Note: This appliance can be operated with a mains voltage of 230 V or 240 V.

DCE-S Plus

THE SIMPLE PLEASURE OF A HOT SHOWER

With its high efficiency and output, the DCE-S Plus offers a reliable and constant supply of hot water for several smaller draw-off points (hand washbasins) or one larger one (shower - either model - or kitchen sink 10/12 model on 12kW setting only).

As simple as it is compact

Thanks to the special haptic rotary selector, operation is extremely easy. The preferred temperature can be set quickly, directly on the appliance, and is infinitely variable between 20°C and 60°C. The temperature scale can be read in both degrees Celsius and degrees Fahrenheit.



DCE-S Plus



Benefits for your home

- › Very good energy efficiency thanks to electronic output control
- › Precise temperature selection from 20 °C to 60 °C
- › Permanently selectable temperature limit can be set to 43 °C, 50 °C or 55 °C
- › Suitable for showers
- › Good price/performance ratio
- › Bare wire technology means no loss of performance through limescale

Model	PLUS	
	DCE-S 6/8 Plus 238153	DCE-S 10/12 Plus 238154
Energy efficiency class	A	A
Rated output	kW 6.6/8.7	10.9/13.1
Rated current	A 27.3/36.4	45.5/54.5
Fuses	A 30/40	50/60
Phases	1/N/PE	1/N/PE
Rated voltage	V 220	220
Frequency	Hz 50/60	50/60
Max. permissible inlet temperature*	°C 70	70
DHW delivery	l/min 3.4/4.5 @ 230V	5.6/6.7 @ 230V
Height/Width/Depth	mm 372/217/109	372/217/109
IP-Rating	IP25	IP25

*Water delivered @ 38°C with a cold water inlet temperature of 10°C.
Note: This appliance can be operated with a mains voltage of 230 V or 240 V.



DEM

MAXIMUM CONVENIENCE IN A MINI FORMAT

The DEM mini instantaneous water heater delivers maximum convenience to any hand washbasin. With up to 6.5 kW, this appliance packs plenty of punch and is able to supply any hand washbasin at any time with pleasantly warm water.

No long supply lines

With a choice of oversink or undersink installation it avoids the heat and water losses associated with long pipe runs. The benefit: DHW is available as soon as it is needed.



Benefits for your home

- › Hot water available immediately
- › Temperature limit internally adjustable from 30°C to 50°C
- › No standby or distribution losses
- › Can be used with commercially available taps
- › Bare wire technology means no loss of performance through limescale



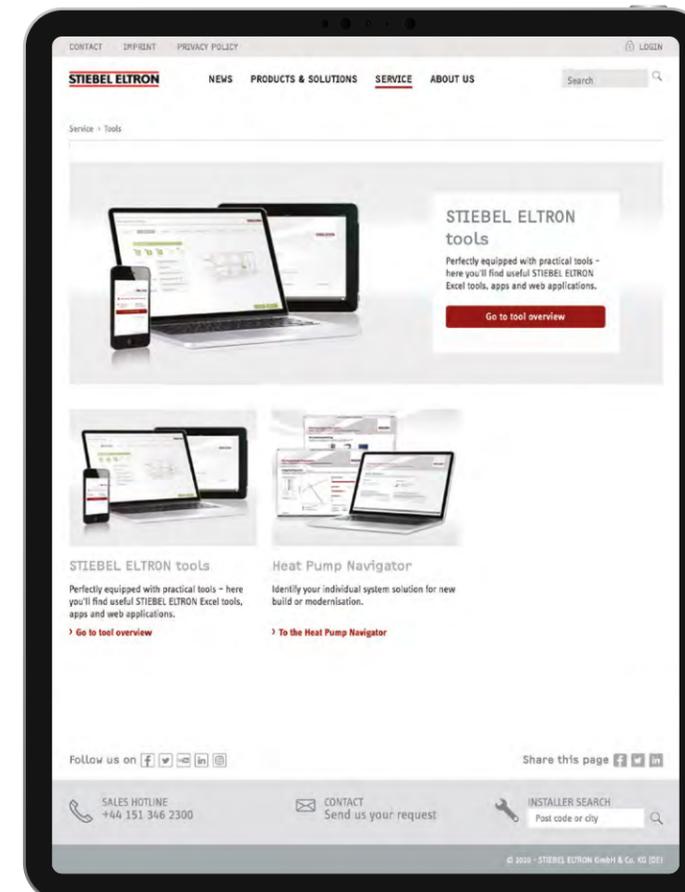
Model	PREMIUM		
	DEM 3 231001	DEM 4 231002	DEM 6 231215
Energy efficiency class	A	A	A
Rated output	kW 3.53	4.4	5.7
Rated current	A 15.2	19.1	24.7
Fuses	A 16	10	25
Phases	1/N/PE	1/N/PE	1/N/PE
Rated voltage	V 230	230	230
Frequency	Hz 50/60	50/60	50/60
Max. permissible inlet temperature*	°C 55	55	55
DHW delivery	l/min 2.0	2.2	3
Height/Width/Depth	mm 143/190/82	143/190/82	143/190/82
IP-Rating	IP25	IP25	IP25

*Water delivered @ 38°C with a cold water inlet temperature of 10°C.

Note: This appliance can be operated with a mains voltage of 230 V or 240 V.

Committed to keeping you fully informed

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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 comprise six production facilities, 26 subsidiaries and agencies in over 120 countries.

We consider ourselves a partner to our markets and focus on your 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



Your local trade partner:

Have we sparked your interest? For further information, see www.stiebel-eltron.co.uk or consult your local trade partner.



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