

# Hot water with the knowledge of saving energy – all the time.

- › INSTANTANEOUS WATER HEATERS
- › SMALL WATER HEATERS
- › WATER BOILERS
- › WALL MOUNTED WATER HEATERS
- › FREESTANDING DHW CYLINDERS
- › HAND DRYERS



**STIEBEL ELTRON**

# Reap the benefit of our wide experience.

After central heating, heating domestic hot water uses the most energy in your home. However, the use of technology can do much to reduce the amount of energy needed. DHW appliances from STIEBEL ELTRON manage this with the highest efficiency and offer convenient solutions for kitchen and bathroom alike.



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# Quality doesn't happen by chance. It is a matter of design.

From as early as 1924, the STIEBEL ELTRON brand has been associated with innovative solutions. Then and now, we continue to develop products with well-proven functions that are of the highest quality standard. These products combine innovative technology, reliable quality, and service for branded products with trusted partners of the best tradition. Our unconventional thinking and practical inventions have left their mark on entire market sectors. This intellectual dynamism is the most important capital our company possesses. It enables us to create products and systems of perfect quality for a demanding market.

From efficient single appliances to integrated complete systems, STIEBEL ELTRON offers individual solutions that are made to measure.

#### **Dedicated to continuity.**

The same enthusiasm that led us to develop our present product range, drives us on to seek sustainable solutions for the future. When it comes to hot water, renewables and central heating, STIEBEL ELTRON has convenient and efficient solutions for today, and tomorrow too. Numerous individual components and complex system solutions contribute to protecting the environment and scarce resources without any sacrifice of comfort.

Our innovative and highly efficient technology, offered in one of the widest product ranges on the market today, enables our customers to achieve an economical DHW provision to fit almost any type of building. As an experienced system supplier, we deliver comprehensive solutions to private and commercial developers with the same competence as when optimising their existing DHW technology. Our products can be easily integrated into existing systems – for example for the utilisation of renewables. No matter whether an integrated comprehensive centralised DHW system or a decentralised individual appliance is required – our product range will always offer an efficient solution.

All of our products are developed with close reference to legal requirements and specifications whilst aiming to provide our customers with sustainable solutions that are state of the art. To this end, we work hand in hand with a strong network of qualified system partners who deliver a highly personal service, wherever you are. Although technical options have changed fundamentally since 1924, we have remained faithful to our aims, so you will always feel comfortable with your decision in favour of the high grade products and solutions from STIEBEL ELTRON.

Efficiency is the key to sustainable energy utilisation. For this, technology is as important as the utilisation criteria or the building structure. STIEBEL ELTRON supplies tailor-made solutions that take all factors into consideration. The result is efficiency of the highest level.

## Efficiency means ...

Success is born out of creativity. Dr. Theodor Stiebel set out in 1924 to develop products that would consume the least amount of energy. Our advanced products for the efficient provision of hot water meet that aim, which seems even more appropriate today than ever before.



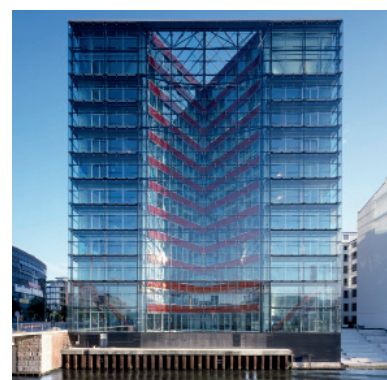
... growing sustainably from the roots of a company.

The creativity of our employees is the most important asset our company possesses. To recognise ideas and transform innovations into products fit for the market are the first steps on our way towards higher energy efficiency.



... making use of creativity – the most valuable of resources.

We want to heat water, not the planet. That is why STIEBEL ELTRON views efficient DHW heating not only as a technical challenge, but also as social responsibility. The end-game is to manage our needs more sustainably. In the office building Doppel-XX in Hamburg, for example, each SNU appliance supplies one draw-off point at the point of use.



... in-house development of pioneering solutions.

In any building, hot water is necessary for well-being. We can reduce your energy consumption with a range of tailor-made solutions. After all, energy efficiency is our speciality.



cleanliness and  
consumption with a wide  
efficient DHW heating



DHW heating – to heat to the precise temperature required. This is best achieved with systems that can be controlled accurately and that are installed close to the point of consumption.

When it comes to water heating, it is not a matter of correct technology so much as taking into account existing conditions and patterns of use. To accommodate these, STIEBEL ELTRON offers the right solution.

**Improved water management.**

Today, having hot water on tap is taken for granted. The amount of energy required to heat the water, however, is subject to wide fluctuations. Individual habits, building conditions and technical equipment levels all have an impact. For example, even the most advanced centralised DHW system may be ineffective if hot water needs to be stored at high temperatures and has to travel long distances. This is particularly acute if small amounts are frequently drawn off.

From a wide range of highly efficient appliances, STIEBEL ELTRON supplies its customers with tailor-made solutions. From electronic instantaneous water heaters to large floorstanding cylinders, our range includes precisely that product solution that can be integrated into the existing environment with the greatest efficiency.

**With current against the current.**

The use of electricity is as clean as its generation. In view of the increasing proportion of renewable power, from wind and solar, for example, electric DHW heating is becoming ever more relevant. It may well be the case that a decentralised DHW provision by electricity is more advantageous than that provided by oil or gas. The excellent convenience, the exceptional quality and high efficiency of our appliances provide the rest. Take time to inform yourself as to which of the STIEBEL ELTRON solutions would provide the most efficient and cleanest result for your home.





# DHW heating – decentralised saving along the shortest route.

Solutions for efficient DHW heating fundamentally split into centralised and decentralised concepts. With centralised DHW heating, frequently the high efficiency evaporates on account of long pipe runs, a handicap of the system. However, a closer look at CO<sub>2</sub> emissions is also worthwhile. In this area, too, decentralised DHW heating cuts a better figure than is generally assumed.

## Decentralised DHW heating

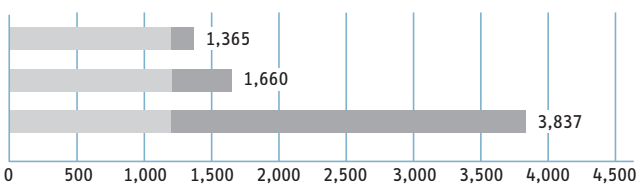
- › High energy efficiency
- › Easy billing according to consumption
- › No hidden on-costs
- › Extremely low on maintenance requirements
- › Hardly any line losses

### The end result is efficiency.

Frequently, the actual energy efficiency of the system will only come to light at the end of the year. Many cost factors, such as the DHW circulation pump in centralised systems, appear in the final account. They are rarely recognised as DHW costs.

When taking hidden cost factors into account, electric DHW systems often fare better than centralised systems operating with oil or gas. Decentralised electric DHW provision, in particular, offers further benefits because it requires practically no maintenance and offers simple billing according to consumption.

### Comparison of energy expenditure (in kWh)



Basis: Detached house, 3 persons | HEA 2007 (Germany)

1 instantaneous water heater, 1 small water heater and 1 small instantaneous water heater, close to the draw-off point in your home

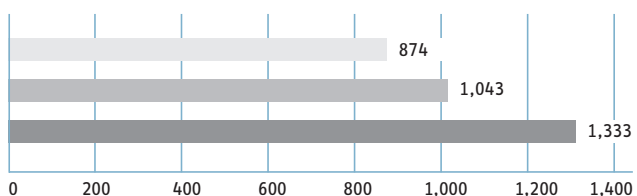
Electric DHW cylinder, 100 l close to the draw-off point in your home

Central cylinder (oil, gas) in the cellar with DHW circulation

■ Available heat (1,200 kWh/a)

■ Heat loss

### CO<sub>2</sub> emissions per annum (in kg)



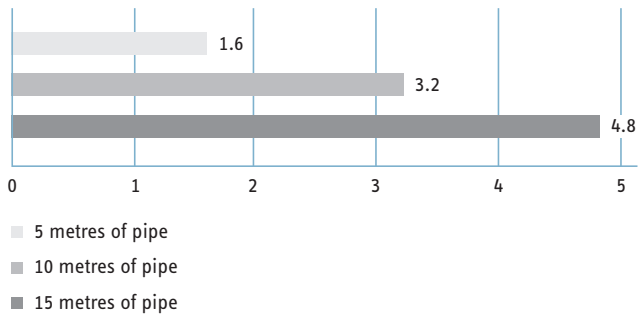
For the CO<sub>2</sub> statement, decentralised electric DHW heating cuts a lean figure. Consumption figures refer to a 3-head household | HEA 2007

■ Electricity, decentralised

■ Natural gas, centralised

■ Fuel oil, centralised

Water wastage per meter of water pipe (in l)



Based on: a copper pipe, 22 mm in diameter

### Convenience without delay.

A centralised DHW system is not automatically more advantageous. Often the opposite is the case, particularly so if smaller amounts of hot water are drawn off frequently, as cold water must first be drawn from the pipework. In addition, a not insubstantial amount of unused hot water remains in the pipework after drawing has ceased which will inevitably cool down. Electric water heating at the point of use is much more beneficial, as hardly any line losses result.



Instantaneous water heaters.  
Get used to convenience  
and efficiency.

“I don’t like variable showers.  
Particularly after I have just got  
up. I want reliable technology,  
otherwise my good mood will be  
spoilt every morning.”



# Keeps its promises. The temperature you want – delivered with precision.

**That quality moment** | The DHE SLi electronic comfort unit provides water controlled to the nearest degree. Allow its four functions for good health to pamper you thoroughly. Thanks to its intelligent fully-electronic control, water is always available at exactly the required temperature. On top of that, water and energy savings of up to 30% can be made\*. Any fluctuations in pressure and temperature are actively compensated.

For maximum user convenience, you also get a hard-wired remote control, or alternatively, a wireless remote control unit. This allows you to control the DHE SLi electronic comfort system from a different room.

Even installation is amazingly convenient, as the unit fits in everywhere – and it can be mounted over or undersink.



Available as an option: Wireless comfort remote control

## DHE SLi electronic comfort

- › 18/21/24 kW (selectable), 18 kW, 27 kW
- › 9.2–13.8l/min (subject to model)
- › Electronic safety system with air detection
- › Bare wire heating system with unvented casing
- › Hoseproof to IP25
- › Backlit multi function display
- › Wireless comfort remote control (optional)
- › ECO function for saving water and energy
- › Profi-Rapid® for a quick installation
- › Child-proof system, individually adjustable



reddot design award  
winner 2005

DHE SLi



## Benefits for your home

- › Always the precise temperature required, from +20 °C to +60 °C
- › Water and energy savings up to 30%\*
- › The display shows the current water and energy consumption
- › Quick temperature selection with two memory keys (M1, M2)
- › Four shower programs for good health

\*Dependent upon pattern of use with regulated instantaneous water heaters.



# Stimulating power shower fun is a matter of control.

**Pure pleasure |** The DEL SLi electronic LCD shows what it can do: Precise temperature control down to the nearest degree. You only need to turn the rotary selector until the required temperature appears in the LCD display – that's all. The electronically-controlled instantaneous water heater captures the flow rate as well as the cold and hot water temperatures accurately and uses these details to regulate the output. It also compensates for wider pressure fluctuations. The DEL SLi electronic LCD unit maintains your required temperature right up to its performance limit.

Which it continues to do even if something ever goes wrong: The unit can be installed directly in your shower cubicle. The DEL SLi system is hoseproof to IP25 and also offers not only many economic advantages, but also space-saving installations inside the shower cubicle or above the bath.



Available as an option: Wireless remote control



LCD display

## DEL SLi electronic LCD

- › 18/21/24 kW (selectable), 18 kW, 27 kW
- › 9.2–13.8 l/min (subject to model)
- › Temperature LCD
- › Electronic safety system with air detection
- › For hard and soft water areas
- › Bare wire heating system with unvented casing
- › Hoseproof to IP25
- › Profi-Rapid® for a quick installation

## Benefits for your home

- › Precise temperature adjustment from +30 °C to +60 °C
- › Water and energy savings up to 30 %\*
- › Optional with wireless remote control
- › Anti-scalding protection set to +43 °C

\*Dependent upon pattern of use with regulated instantaneous water heaters.

DEL SLi



# Temperature fluctuations are a thing of the past.

**Shower without cold shocks** | The DHB-E SLi electronic unit offers all the major comfort settings of any electronically-controlled instantaneous water heater. The actively-controlled output compensates for pressure fluctuations in the water supply guaranteeing you a pleasant shower experience. Temperature fluctuations or waiting “forever” for hot water to materialise are definitely a thing of the past. After all, the DHB-E SLi electronic unit consumes up to 30 % less energy and water, thanks to its modern electronics.



Variable selection of the required temperature from +30 °C to +60 °C.

## DHB-E SLi electronic

- › 18/21/24 kW (selectable), 11 kW, 13 kW (DHB-E SL), 18 kW, 27 kW
- › 5.6–13.8 l/min (subject to model)
- › For hard and soft water areas
- › Hoseproof to IP25
- › Electronic safety system with air detection
- › Profi-Rapid® for a quick installation

## Benefits for your home

- › Constant temperature up to the output limit, from approx. +30 °C to +60 °C
- › Variable temperature selection
- › Water and energie savings up to 30 %\*

DHB-E SLi



\*Dependent upon pattern of use with regulated instantaneous water heaters.



# The first step towards greater convenience.

**Refreshingly frugal |** The DHB STi represents an interesting entry into the comfort class. It offers the output of an advanced electronic instantaneous water heater at the price of the lower middle segment. Its energy efficiency and the convenience of always maintaining the pre-selected DHW temperature are amongst its primary benefits. Temperature fluctuations caused by output changes are prevented. As a result, the shower experience will never lead to cold shocks. The DHB STi therefore represents pleasant comfort without extravagance.

Perfectly safe: The unit can be installed directly in the spray range in your shower cubicle. Like all electronic instantaneous water heaters from STIEBEL ELTRON the DHB STi is hoseproof to IP25, and offers not only economic benefits, but also a space-saving installation inside the shower cubicle or above the bath.



The user interface shows clear symbols for temperature selection from +35 °C, +45 °C and +55 °C.

## DHB STi

- › 18 kW, 21 kW, 24 kW, 27 kW (subject to device)
- › 9.2–13.8 l/min (subject to model)
- › Individual temperature adjustment through mixing with cold water
- › Electronic safety system with air detection
- › For hard and soft water areas
- › Bare wire heating system
- › Hoseproof to IP25
- › Profi-Rapid® for a quick installation

## Benefits for your home

- › Three-stage temperature pre-selection, approx. +35, +45, +55 °C
- › Constant water temperature up to the output limit
- › Saves up to 20% water and energy compared with hydraulically regulated appliances

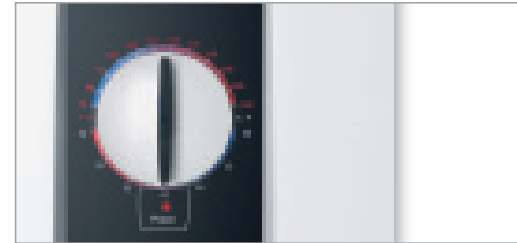
DHB STi



# Well-tempered enjoyment.

**Higher output spectrum in the compact class |** More hot water through even greater output from 230/240 V. With the DHC-E output can be adjusted individually to suit the existing electrical installation. Output can be selected between 8 and 10 kW. The DHC 12 with its 12 kW offers an even higher performance, which extends the application range of the DHC-E series significantly upwards. Higher output for more demanding draw-off points and even greater DHW convenience.

With the DHC-E series, you never have to wait long for hot water. Its short line lengths save water and energy. The electronic control unit maintains the selected temperature with high precision. No matter with which degree units you are familiar, the DHC-E lets you select your preferred temperature in °C and °F on a twin scale.



Easy temperature selection with the combined unit scales in °C and °F.

## DHC-E

- › On-demand hot water – never runs out
- › Saves up to 20 % energy compared to cylinder systems
- › Compact design saves space
- › Substantially reduces risk of scalding injuries to children and elderly
- › Maintains efficiency throughout its service life

## Benefits for your home

- › Temperature selection in °F or °C  
(+86 °F to +125 °F/+30 °C to +52 °C)
- › Constant temperature up to the output limit
- › Attractive design and compact dimensions
- › Long service life

## DHC-E



# Saves space and energy.

**Unlimited supply of hot water** | The Tempra® continually heats water instantaneously as you require it – and only when you require it. The Tempra® unit completely replaces a conventional tank heater with no disruption to your comfort and hot water needs.

The Tempra® Plus is the most technologically advanced tankless water heater available on the market today. Advanced Flow Control™ is exclusive to the Tempra® Plus and ensures a constant temperature output no matter how great the hot water demand is. Advanced Flow Control™ technology works by automatically adjusting the flow of water to eliminate unpleasant temperature fluctuation. What that means to you is a consistently satisfying experience every time, all the time!

## Tempra | Tempra Plus

- › On-demand hot water – never runs out
- › Reduce water heating costs
- › Far less likely to leak or rupture
- › Substantially reduces risk of scalding injuries to children and elderly
- › Maintains efficiency throughout its service life
- › Less prone to hard water, sediment, or mineral problems
- › Long service life!

## Benefits for your home

- › Temperature selection in °F or °C (+86 °F to +140 °F/+30 °C to +60 °C)
- › The selected temperature is accurately delivered
- › Saves up to 20% energy compared to cylinder systems

Tempra Plus



# Into the shower, ready, go!

**Convenience as standard** | The DHH Si control is the new hydraulic instantaneous water heater with a shower comfort setting. This allows you, alongside the two performance settings, to adjust the water temperature directly at the unit. The flow control levels out most pressure fluctuations.

Wherever you wish to install your DHH Si control – below the basin or on the wall at eye-level – the user controls always remain easily and ergonomically within reach. As you would expect, the DHH Si control is hoseproof, which means you can also install it inside the shower cubicle.



Comfort shower switch for fine-tuning the amount of water and consequently the temperature. Two output stages can be selected.

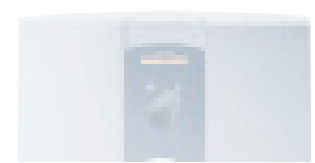
## DHH Si control

- › 11.4 kW, 18 kW, 21 kW, 24 kW, 27 kW (subject to device)
- › 5.6–13.8 l/min (subject to model)
- › Shower comfort setting
- › Bare wire heating system
- › For hard and soft water areas
- › Hoseproof to IP25
- › Profi-Rapid® for a quick installation

## Benefits for your home

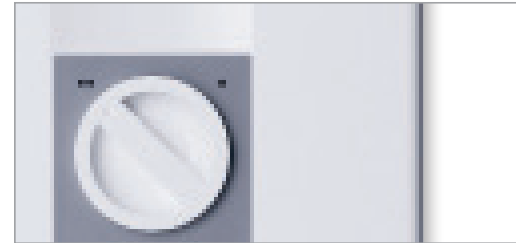
- › Two-stage temperature and output selection
- › Shower comfort button for regulation of the water flow
- › Temperature range between +30 °C and +60 °C, adjusted by mixing with cold water
- › Elegant slim design

DHH Si control



# Easy economy at the point of use.

**Pleasure on tap** | The HDB Si control hydraulic instantaneous water heater always fits. It is characterised by both its ease of installation and the simplicity with which it can replace an existing unit. Its flow rate regulation compensates for some pressure fluctuations. This water heater has an automatic two-stage hydraulic output circuit.



These two output stages can partially compensate for different inlet temperatures.

## HDB Si control

- › 12 kW, 18 kW, 21 kW, 24 kW (subject to model)
- › 5.6–12.3 l/min (subject to model)
- › Hoseproof to IP25
- › Bare wire heating system
- › For hard and soft water areas
- › Profi-Rapid® for a quick installation

## HDB Si control



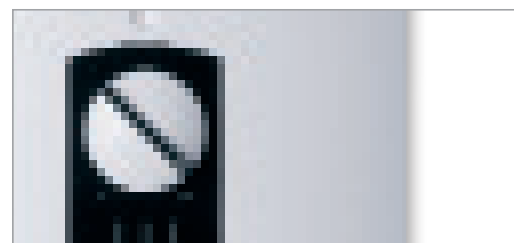
## Benefits for your home

- › Two-stage output selection
- › Easy replacement
- › Optional installed in the shower area



# Will fit even where space is at a premium.

**All-in-one comfort |** In difficult locations or where the thermal conductivity of the water is poor, it may be difficult to install an instantaneous water heater. Here, the DHF C offers a real alternative. This hydraulically-controlled instantaneous water heater with two-stage temperature selection offers maximum performance in the tightest of spaces. The control valve even compensates for most pressure fluctuations in the water supply, automatically.



The hydraulic control system regulates the output automatically in two stages, subject to flow rate.

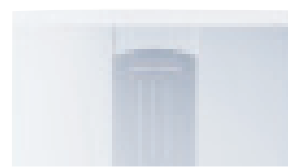
## DHF C

- › 13.2 kW, 15 kW, 18 kW, 21 kW, 24 kW (subject to model)
- › 6.7–12.3 l/min (subject to model)
- › Splashproof to IP24
- › For soft water areas
- › Tubular heating element with unvented casing
- › Profi-Rapid® for a quick installation

## Benefits for your home

- › Two-stage output selection
- › Compact dimensions
- › Optional installed in the shower area

## DHF C



# Hot water directly from the source.

**Compact power I** The DHC range of hydraulically controlled pressurized compact instantaneous water heaters, with metal-sheathed heating elements, is designed for applications, where space is limited. Regardless of whether it is installed in the shower cubicle or under the sink, the DHC always makes sure that you will get hot water when you need it. When installed near the point of use, the DHC will supply hot water immediately and in the exact quantity that is required.

## DHC | DHC U | DHA

- › Safety thermal cut-out
- › Different heating capacities and systems for all applications
- › Over (DHC) and undersink (DHC U) installation
- › Low energy consumption
- › Splashproof to IP24

## Benefits for your home

- › Can be sited anywhere, very compact
- › Unlimited supply of hot water
- › No standby heat losses
- › Long service life
- › Quick and easy to install

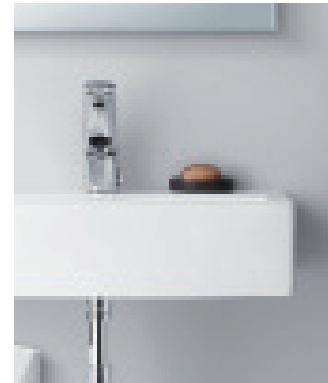
DHC



# Mini instantaneous water heater – the optimum solution for guest restroom.

**Warmly recommended |** The DEM mini instantaneous water heater is the perfect choice for any location where smaller amounts of warm water are frequently drawn off. This appliance delivers water at the electronically controlled set temperature without having to overcome long supply lines with resulting line losses. There are also none of the common water and energy losses resulting from manual temperature adjustment. Consequently, the DEM electronic is ideally suited to washbasins, where a constant outlet temperature is preferred. This appliance can be mounted undersink or oversink; connection to the 230 V mains is also easily accomplished.

**Sensor taps for DEM electronic and DHM |** The proximity sensor tap is perfectly suited to washbasins with high demands for convenience and hygiene. The tap turns on as a result of the electronically controlled IR sensor being triggered; at the end of the draw-off process, the tap turns off again automatically. As a result, you save lots of hot water. The electronic WEN and WEH mono-block basin mixers make a perfect combination with the mini instantaneous water heater, they also suit the SNU 5 SLi and SNU 10 SLi and the SHU 5 SLi and SHU 10 SLi undersink small water heaters as well.



Sensor tap WEH

## DEM electronic

- › For a single draw-off point
- › 3.5 kW, 4.4 kW and 5.7 kW (subject to model)
- › Effective bare wire heating system
- › DEM 3 – for non-pressurised taps
- › DEM 4, DEM 6 – for non-pressurised and pressurised taps
- › Universal installation undersink or oversink
- › Suitable for combination with solar thermal systems

## Benefits for your home

- › Hot water immediately
- › Constant outlet temperature, internally adjustable from +30 °C to +50 °C
- › Energy saving through electronic temperature control
- › No standby or distribution losses

DEM



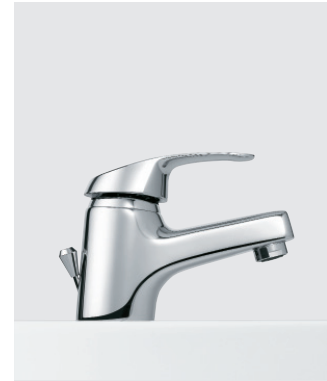


# Highly recommended for a constant water supply at body temperature.

**Less is more |** For example, when it comes to the water supply for your guest cloakroom. Mini instantaneous water heaters combine two benefits in one unit. Firstly, the convenience of a decentralised water supply. This means that hot water does not need be transported through long supply lines. Secondly, the hot water delivery of the unit is just right for washing your hands.

**Technology as you want it |** Mini instantaneous water heaters are the most efficient when it comes to providing DHW for washbasins, both with open vented and sealed unvented appliances. Energy is only consumed when warm water is drawn off, making these appliances ideal for draw-off points that are only rarely used.

**Taps for the DNM |** This range of low pressure taps: MAE, MAZ and MAW with special spray regulator for an optimised spray pattern, supplement the open vented DNM mini instantaneous water heaters, thus creating a single perfect unit.



Mono lever mixer tap MAE

## **DNM | DHM**

- › Suitable for washbasins
- › 3.5 kW, 4.4 kW, 5.7 kW (subject to model)
- › 2.0–3.3 l/min (subject to model)
- › 230 V with connecting cable
- › Bare wire heating system

## **DNM**

- › For non-pressurised installation with open taps
- › Over and undersink installation

## **DHM**

- › For pressure-tested installation with pressure-tested taps
- › Undersink installation

## Benefits for your home

- › Hot water immediately
- › No standby or distribution losses

## DNM | DHM



## Small water heaters. Economy on standby.

“Rinsing a single cup here, wiping down a table there – it all tallies up during the day. Not bad, the savings a small water heater can make. Cleaning and energy saving in one.”



# No scrimping on convenience, only on water and energy.

**Small – but powerful |** The small water heater, SNU 5 SLi dripstop comfort, convinces in many ways. The temperature inside the device can be infinitely selected between +35 °C and +82 °C, enabling water of the same temperature to be drawn off at any time. The optional temperature limits, that can be set to +38 °C, +45 °C, +55 °C or +65 °C, act as anti-scalding protection or can be utilised as economy steps. The highly effective thermal insulation used in the small water heaters ensures the lowest energy losses.

- » **dripstop |** Prevents dripping during heat-up, saves water, reduces lime-scale build-up on taps, sink and basin.
- » **thermostop |** Saves energy and prevents mixer taps from being heated in standby mode.



SNU with kitchen tap MESB



SNU with basin tap MEW

## SNU 5 SLi dripstop comfort | SNU 10 SLi comfort

- › 5 or 10 litre undersink water heater with 2 kW or 1 kW (subject to model)
- › Only 0.2 kWh standby loss per day (SNU 5 SLi)
- › For a single draw-off point
- › Active protection circuit for a safety installation (high limit safety cut-out can be reset)
- › 230 V power cable with earthed plug
- › Splashproof to IP24 D

SNU SLi



## Benefits for your home

- › dripstop prevents dripping during heat-up, saves water and reduces limescale (SNU 5 SLi)
- › thermostop prevents radiation losses when using mixer taps
- › Extremely high amount of mixed water
- › Temperature limit as anti-scalding protection and economy mode



## Switch over to saving.

**Teamwork |** For assembly above the draw-off point, we recommend the SN SLi or SH SLi series of small water heaters, subject to whether you need to supply one or more draw-off points. These heaters are available with a capacity of 5 to 15 litres. The temperature can be infinitely selected between +35 °C and +82 °C / +85 °C, which means that water of that temperature is always on tap. The thermal cut-out provides a permanent, safety-first maximum water temperature. This can be set to +38 °C, +45 °C, +55 °C or +65 °C.

With the MEK series of taps, the SN SLi small water heaters make a winning team. The mono-lever mixer tap and swivel spout are very easy to use. This tap gives you the perfect handle on the open small water heater in your kitchen.



SN with MEK kitchen tap

### SN 5, 10, 15 SLi comfort | SH 10, 15 SLi comfort

- › SN: Open water heater with 5, 10, 15 litre capacity (subject to model)
- › SH: Sealed water heater with 10/15 litre capacity (subject to model)
- › Low standby consumption
- › Output from 2 or 3.3 kW (subject to appliance)
- › Active protection circuit for safety-first installation (high limit safety cut-out can be reset)
- › 230 V power cable with earthed plug
- › Splashproof to IP24 D

### Benefits for your home

- › Extremely high amount of mixed water
- › Temperature limit as anti-scalding protection
- › Economy mode

SN SLi



# Constant temperature at a turn of the handle.

**Heat on tap** | The SHU series of small water heaters with 5 or 10 litres capacity is ideal for supplying multiple draw-off points. The rotary selector enables the temperature to be selected at the unit between +35 °C and +82 °C. The thermal cut-out provides a permanent, safety-first maximum water temperature. This can be set to +38 °C, +45 °C, +55 °C or +65 °C. An indicator illuminates whenever the unit is in the heat-up phase. Regardless of which mode the small water heater is currently in, it will always generate the required water temperature on a continuous basis.



The temperature can be variably adjusted and ECO-mode selected in no time at all.

## SHU 5, 10 SLi comfort

- › Water heater with 5/10 litre capacity (subject to model)
- › 2 kW output
- › 230 V power cable with earthed plug
- › Splashproof to IP24 D
- › Active protection circuit for safety-first installation (the high limit safety cut-out can be reset)
- › Standby energy loss up to 0.36 kWh

## Benefits for your home

- › Variable temperature adjustment on the appliance from +35 °C to +82 °C
- › Temperature limit as anti-scalding protection
- › Economy mode
- › Extremely high amount of mixed water

SHU SLi



# Outstanding output in the smallest of spaces.

**Gourmet kitchen |** The UFP 5 t range of small water heaters are a real hit, offering strong performance in tight spaces. Wherever small amounts of hot water are required, these open water heaters supply a single draw-off point with running hot water. The infinitely adjustable rotary selector enables a temperature selection between +35 °C and +85 °C at the unit. This small water heater provides around twice its capacity of warm mixed water at +40 °C when heated to +65 °C.

**Heater and tap from a single source |** The WST-K tap and small water heater form a perfect unit. Its timelessly elegant design is a perfect match for the open small water heater. Its convenient temperature control system and high flow rate make it an ideal accessory for your kitchen sink.



UFP with WSTK kitchen tap

## UFP 5 t

- › 5 litre small water heater (open) | 2.0 kW
- › Splashproof to IP24 D
- › Also available as an oversink version (type UFP 5 h)
- › Standby consumption loss 0.23 kWh

## Benefits for your home

- › thermostop prevents radiation losses when using mixer taps in standby mode
- › Little space required
- › Temperature limit set to +45 °C, +55 °C or +65 °C

## UFP 5 t



# Convenience in good supply.

**The happy medium** | Where a small cylinder is too little and a large one is too much the PSH 15 Mini ID fills the gap. With its variable temperature selection between +35 °C and +80 °C it is the ideal choice for bathrooms and kitchens, so that water can always be drawn at a constant temperature.

**CoPro, the highest standard in corrosion protection** | The PSH 15 Mini ID are manufactured from steel with a special glass coating on one side. A highly effective reactive magnesium anode ensures additional protection against corrosion. This combination is what guarantees a long service life for the water heater.

## PSH 15 Mini ID

- › Nominal capacity of 15 l
- › Economy mode +60 °C
- › Splashproof to IP24 D
- › Easy to install
- › 220-230 V with electronic cord

## Benefits for your home

- › Extremely high amount of mixed water
- › Temperature setting at the unit +35 °C to +80 °C
- › Modern design
- › Long-term reliability



PSH 15 Mini ID





# Boiling water for quick and trouble-free use.

**Kitchens are needed for cooking |** Whenever you need boiling water instantly, our water boilers are on hand. They allow this extremely hot liquid to be handled conveniently and without risk, after all, they can generally be operated just like a normal tap. There's no need for all that pouring and repouring when brewing large volumes of tea, for example. And thus you reduce the risk of scalding. But even small volumes – for a single cup, for example – are safely and cost-effectively brought to the boil. This is due to the heating element being practically always under water. Water temperatures are variably adjustable, and the unit will switch off automatically once the required temperature has been reached, right up to boiling point.

**A great recipe |** These water boilers are manufactured from a variety of materials such as glass or plastic, and come in a range of attractive designs. Sometimes in classic chrome, sometimes with a modern plastic-coated tap.



The temperature can be variably selected for warm, hot or boiling water.

## EBK | KBA

- › Tubular heater below a stainless steel floor plate
- › 230 V power lead with earthed plug
- › Attractive glass container
- › Infinitely variable temperature selection
- › Temperature setting range +35 °C to +100 °C

## EBK 5 GA automatic

- › 5 litre glass container with chrome tap

## EBK 5 G automatic

- › 5 litre glass container with white lever tap

## KBA 5 KA automatic

- › 5 litre plastic container with chrome tap

## EBK 5 K automatic

- › 5 litre plastic container with white lever tap

## Benefits for your home

- › Boiling point sensor and automatic OFF control
- › Infinitely variable temperature selection
- › Cold, warm or boiling water from one draw-off point

## EBK 5 G



Wall mounted water heaters and floorstanding cylinders – large volume models for your home.

“I don’t have much time, but I still like to enjoy a bath. A large cylinder makes it possible. The sooner my bath is ready, the more time I can spend relaxing.”



# Hot water for the entire household.

**Comfort on demand** | The SHZ series of wall mounted water heaters deliver hot water constantly to your home. These cylinders are available in six different sizes, between 30 and 150 litres. They all have a keypad on the digital user interface that allows you to set the temperature accurately, to the nearest degree.

The integral LCD display indicates precisely how much hot water is available. And more: The LCD display shows you all of the information you need – from energy use, to the temperature currently programmed, up to diverse data concerning the current operating status.

The SHZ series of wall mounted water heaters can be installed in open systems for single draw-off points, or in sealed systems with multiple draw-off points. The SHZ series allows you to use cost-effective off-peak rates in combination with daytime tariffs.



Well informed: The display keeps the user posted on the selected temperature and operational status.

## SHZ 30–150 LCD electronic comfort

- › Wall mounted water heater with 30, 50, 80, 100, 120 and 150 litre (subject to model)
- › 1.0–6.0 kW (subject to device and connection type)
- › Two heating circuits for heating up during the day and night
- › Standby consumption loss 0.45–1.05 kWh per day (subject to model)
- › For open and sealed systems
- › Corrosion protection through impressed current anode

## Benefits for your home

- › Precise temperature adjustment on the appliance from +20 °C to +85 °C
- › Digital heat content and mixed water display
- › Automatic scale indicator
- › Scanning and displaying the operating status and setting parameters

SHZ LCD



# Universal application. More than just a wall mounted water heater.

**Combining convenience with efficiency** | The HFA-Z universal is a wall mounted water heater with a world of possibilities. A very special option is also available if it is connected as an open, non-pressurised cylinder. Not only can the HFA-Z be used as a regular wall mounted water heater, it can also be operated with a single heat-up option. In the latter operating mode, the cylinder content is heated once to a programmed temperature of your choice, i.e. up to a maximum of +82 °C. In this mode, the heat-up is activated manually via a pushbutton.

The fine adjustment selector allows you to infinitely vary the temperature at the unit itself. The special enamel coating and highly effective protective magnesium anode guarantee a long service life. This wall mounted water heater can be operated both in open and closed systems, and is available with a capacity of 30, 80, 100 or 150 litres.



With the rapid heat-up facility and variable thermostat, temperature is simply a matter of control.

## HFA-Z 30–150 universal

- › Wall mounted water heaters with 30, 80, 100, 150 litre (subject to model)
- › 2.0–6.0 kW (subject to device and connection type)
- › Standby consumption loss 0.5–1.2 kWh per day (subject to model)
- › For open and sealed system
- › Single heat-up option

## Benefits for your home

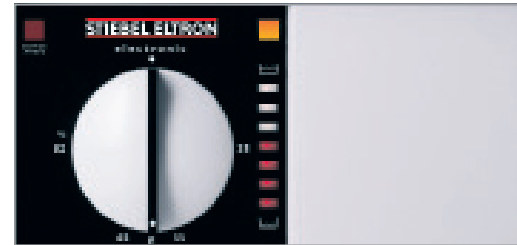
- › Two circuit connection for using the cheaper night tariff
- › Quick heat-up key for water heating on demand
- › Variable temperature selection

HFA-Z



# DHW convenience in any magnitude.

**Open to both** | The SH 30-150 S electronic series can deliver high levels of domestic hot water convenience to your home. They can be installed either as open systems for a single draw-off point or in sealed systems for multiple draw-off points. The units feature a continuously variable temperature setting. The rotary selector can also be used to set a temperature limit at +45 °C, +55 °C and +65 °C.



With the variable temperature control you can also see the programmed heat usage.

## SH 30-150 S electronic

- › Wall mounted water heaters with 30, 50, 80, 100, 120 and 150 litre (subject to model)
- › 1.0-6.0 kW (subject to device and connection type)
- › Standby consumption loss 0.45-1.05 kWh per day (subject to model)
- › For open and sealed systems
- › Corrosion protection through impressed current anode

## Benefits for your home

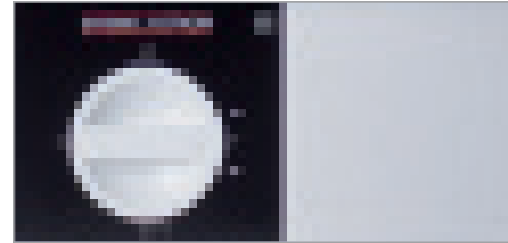
- › On standby around the clock as single circuit water heater
- › Temperature setting at the unit +35 °C to +85 °C
- › Electronic heat content indication via LED
- › Temperature limit set to +45 °C, +55 °C or +65 °C

SH S



# Hot water – any time.

**Comfort on the wall** | The SH A series of wall mounted SHW cylinders supplies sufficient hot water to any desired place in your home. The detailed thermostat shows the exact hot water temperature at any time. The good qualities in terms of longevity are inherited from its big brother, the SH.



The temperature can be variably adjusted at the unit itself.

## SH A

- › Wall mounted storage water heaters with 30, 50, 80, 100, 120 and 150 litre (subject to model)
- › 2.0–3.0 kW (subject to device and connection type)
- › One circuit for continuous or off-peak water heating
- › Heat content display
- › For open and sealed systems
- › Signal anode

## Benefits for your home

- › Variable temperature selection
- › Heat content display
- › On standby around the clock as single circuit water heater

## SH A



# It's there for one or many. With infinitely variable temperature.

**A complete design** | The PSH TM series of wall mounted storage water heaters, ranging in size from 30 to 200 litres, are designed to supply multiple draw-off points. The PSH TM is the hot water spring for your bathroom. It heats the cylinder content up to +70 °C. For this, an infinitely variable rotary selector enables the precise temperature adjustment at the device. Equipped with a protection anode and timeless design the stage is set for a long life time.

## PSH TM

- › 2 kW (subject to model and connection type)
- › Operation signal lamp
- › Protection anode
- › Corrosion-resistant through high grade stainless steel heating element
- › Low risk of scaling on the heater rod
- › Hoseproof to IP25
- › Easy and quick installation

## Benefits for your home

- › Covers the entire domestic hot water demand
- › Temperature setting at the unit +35 °C to +70 °C
- › Long service life through special enamel coating
- › Low heat losses through optimised thermal insulation

PSH TM





# Hot water at the push of a button.

**Fast track to convenience** | When preparing DHW the PSH Comfort Universal reduces the process at the push of a button. With the rapid heat-up facility, the unit reaches the required temperature within a short time and then automatically switches back to standard mode. The wall mounted water heater, with capacities ranging from 30 to 150 litres, delivers large volumes of mixed water in the shortest possible time.

## PSH Comfort Universal

- › 2 x 0.9 kW (subject to model and connection type)
- › Temperature settings +35 °C to +70 °C
- › Operation signal lamp
- › Protection anode
- › Heating element can be replaced without draining the water
- › Universal wall mounting bracket for an easy replacement of older appliances
- › Hoseproof to IP25 in case of vertical installation, splashproof to IP24 in case of horizontal installation
- › Protected heating element with special enamel coating, therefore low scaling on the heating element

## Benefits for your home

- › Covers the entire domestic hot water demand
- › Vertical and horizontal installation
- › Quick heat-up button for water heating on demand
- › Long service life through special enamel coating
- › Low heat losses through optimised thermal insulation

PSH Comfort Universal



# Doubly efficient. Little heat loss, plentiful use of economy tariff.

**Impressive when it comes to quality, too** | The SHW S series of freestanding DHW cylinders with 200, 300 and 400 litres capacity offer enough backup to heat a whole house.

The sealed DHW heater is made of steel with a special enamel coating on the inside. Additional corrosion protection is provided by an anti-corrosion rod with signal indicator element.

This makes the SHW S ideal for multiple draw-off points. The cylinder is supplied as standard with a thermometer, signal anode and variable cold water inlet. Its temperature is infinitely variable.

Its highly effective insulation keeps heat dissipation to a minimum. With the option of operating the cylinder with the less expensive off-peak current, the SHW series of freestanding DHW cylinders are also ideal as central and economic domestic hot water solutions for domestic households and commercial use alike. All freestanding DHW cylinders are easy to retrofit during renovation work.

## SHW 200-400 S

- › Cylinder with 200, 300, 400 litre (subject to model)
- › 2.0-6.0 kW universal immersion heater (subject to device and connection type)
- › Standby consumption loss 1.5-2.25 kWh per day (subject to model)
- › Copper immersion heater elements can be replaced individually
- › Corrosion protection through impressed current anode
- › High grade removable plastic casing
- › Highly effective thermal insulation

## Benefits for your home

- › Rapid heat-up button
- › Optional use of economy tariffs
- › Infinitely variable temperature control, approx. +35 °C to +82 °C
- › For any number of draw-off points

SHW S



# High output – high quality.

**Generously supplied |** The sealed freestanding SHW ACE DHW cylinder can hold 200, 300 or 400 litres of domestic hot water. The cylinder is sized for any number of draw-off points. An anti-corrosion rod protects the inside against corrosion. The cylinder is made of steel with a special enamel coating on the inside and is fitted with highly effective insulation for optimum energy efficiency.

## SHW ACE 200–400

- › Cylinder with 200, 300, 400 litre (subject to model)
- › 2–4 kW/230 V
- › 2–6 kW/400 V
- › Infinitely variable temperature control, approx. +35 °C to +82 °C

## Benefits for your home

- › Infinitely variable temperature controller
- › Plug-in thermometer for displaying the DHW temperature
- › Signal anode with consumption indicator

SHW ACE



Commercial use.  
Hot water in commercial  
or industrial operations.

“Those working every day at full capacity do not have time to waste, especially not just waiting for something to happen. After all, work needs to flow, otherwise employees are left high and dry.”



# Keeps costs down.

**How work evaporates into thin air** | The HTE and HTT series of hand dryers remain the most hygienic and most economical solution for drying your hands in a washroom. You neither need to supply and wash towels nor constantly refill and dispose of paper towels. If required, additional fragrance sticks can even provide a fresh ambience in bathrooms and toilets. When you chose this dryers you will not only have decided upon a very hygienic alternative, but you will also save a great deal of time and money for your business. One hand is always washing and drying the other, so to speak. An intelligent IR proximity sensor switches the unit ON, when you hold your hands 6 to 12 cm under the air outlet. It also provides the OFF control, when you remove your hands again. The robust casing protects the delicate technical interior against damage. As does the design, as this prevents objects, such as cigarette butts, from being deposited on the casing.

Thanks of the enormous air flow rate the HTT turbotronic enables to deliver especially quick drying times. Their powerful output means that they are also one of the fastest, most economical and most hygienic of all hand dryers. Also the HTE electronic is a real hit, not least because of its extraordinarily quiet operation.

## HTE 4 and HTE 5 electronic

- › 1.800 W output
- › Air flow rate 146 m<sup>3</sup>/h
- › Operating noise 54 dB(A)
- › Casing made from shock-resistant plastic (HTE 4)
- › Colour: alpine white (HTE 4)
- › Diecast aluminium casing (HTE 5)
- › Colour: signal white (HTE 5)

## HTT 4 and HTT 5 turbotronic

- › 2.500 W output
- › Air flow rate 250 m<sup>3</sup>/h
- › Operating noise 68 dB(A)
- › Casing made from shock-resistant plastic (HTT 4)
- › Colour: alpine white (HTT 4)
- › Diecast aluminium casing (HTT 5)
- › Colour options: signal white, silver metallic or anthracite metallic (HTT 5)

## Benefits for your business

- › Short drying times
- › Low costs
- › Very hygienic
- › No costs for consumables

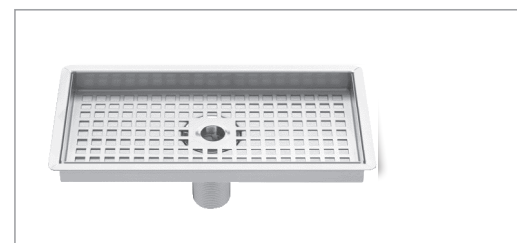
HTE 5 | HTT 5



# Fills itself. For boiling water in constant use.

**For commercial applications** | Commercial applications aren't easy on any electric appliance. However, these models are used to hard work. The KA eltroboil with a capacity of 5 litres stands out because of its robustness.

It will do its job reliably, particularly in continuous operation. The container is refilled automatically each time water is drawn. The system automatically lowers the temperature, if water is not drawn for some time. This heater is equipped with a condensation chamber which prevents steam release. It is also fitted with indicators to show when the unit is "ON" or the water is "boiling".



The stainless steel drip pan with drain connection captures drips and overflow water.

## KA 5 eltroboil

- › 5 litre cylinder
- › Top quality stainless steel finish
- › Button valve in matt chrome finish

KA 5



## Benefits for your business

- › Up to 30 cups of boiling water always available
- › Automatic top-up



# Commercial or private use: variable temperature selection up to +85 °C.

**A rounded performance |** The SHD also offers commercial organisations a powerful alternative. It offers variable temperature selection up to +85 °C, and can supply domestic hot water to multiple draw-off points. The SHD can be operated in three modes: As an instantaneous, as a dual-circuit or as a single circuit domestic hot water cylinder.



At a glance: Variable temperature control with economy mode indicator plus pushbutton and indicator of optional rapid-heater.

## SHD 30, 100

- › Cylinder with 30, 100 litre (subject to model)
- › Corrosion protection through impressed current anode
- › Optional connection for single circuit, dual-circuit or instantaneous water heater operation

## Benefits for your business

- › Infinitely variable temperature selection, approx. +35 °C to +85 °C
- › High connected load of 21 kW for rapid DHW heating
- › Supplies several draw-off points

SHD





# The hot source for numerous draw-off points.

**Water supplied in a grand style** | The SHO AC freestanding DHW cylinder is your company's very own hot spring. Thanks to its capacity of up to 1,000 litres and a temperature which is infinitely variable up to +85 °C, it holds a large volume of hot water at the ready, at all times. The cylinder is equipped with a signal anode and thermometer as standard. Its automatic control unit maintains the water at the desired temperature. The sealed water heaters, the copper immersion heater elements of which are easy to replace, is ideal for any number of draw-off points. A domestic hot water circulation connection is fitted.

## SHO AC 600, 1000

- › Cylinder with 600, 1,000 litre (subject to model)
- › Single circuit operation 7.5 kW and 12 kW
- › Universal dual-circuit operation 6/12-9/18 kW
- › Replaceable copper immersion heater elements
- › Thermal insulation with plastic jacket available as accessory

## Benefits for your business

- › Optional use of economy tariffs
- › Variable temperature adjustment from +35 °C to +85 °C
- › Very large amount of mixed water and high throughput rates

SHO AC



# All data carefully sorted, so you are given the most important information at a glance.

When selecting the appropriate technology, it is not only the external dimensions that are important. It is the inner values that make the difference. No matter whether you are looking for a single application or an integrated comprehensive solution, make your choice – your wish is our command.





# Instantaneous water heater

## Full electronic control | Electronic control



MODEL		DHE 18 SLi 25A	DHE 18/21/24 SLi	DHE 27 SLi	DEL 18 SLi 25A	DEL 18/21/24 SLi	DEL 27 SLi
		227492	227493	227494	227498	227499	227500
Rated output	kW	18	18/21/24	27	18	18/21/24	27
Rated current	A	26	29/31/35	39	26	29/33/35	39
Fuse protection	A	25	32/32/35	40	25	32/32/35	40
Power supply		3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz
DHW delivery	l/min	9.2	9.2 / 10.7 / 12.3	13.8	9.2	9.2 / 10.7 / 12.3	13.8
Temperature setting	°C	20-60	20-60	20-60	30-60	30-60	30-60
Max. inlet temperature	°C	65	65	65	65	65	65
IP rating		IP25	IP25	IP25	IP25	IP25	IP25
Height	mm	478	478	478	478	478	478
Width	mm	225	225	225	225	225	225
Depth	mm	105	105	105	105	105	105
Weight	kg	4.8	4.8	4.8	4.2	4.2	4.2
Colour		white	white	white	white	white	white
<b>EQUIPMENT</b>							
For one/several draw-off points		•/•	•/•	•/•	•/•	•/•	•/•
Type		optional installation over & undersink			optional installation over & undersink		
Elect. flow rate control		•	•	•	-	-	-
Elect. air detection system		•	•	•	•	•	•
Solar operation (preheated water)		•	•	•	•	•	•
Programmable temperature		2	2	2	-	-	-
Wellness shower programs		4	4	4	-	-	-
ECO-energy and water saving function	l/min	adjustable from 4 to 15			-	-	-
Automatic water flow rate	l	adjustable from 5 to 200			-	-	-
Child-proof	°C	adjustable from 20 to 60			-	-	-
Suitable for plastic pipework		•	•	•	•	•	•
Temperature display		backlit multifunction LCD			LCD display		
Temperature limit	°C	electronically adjustable from 21 to 60			mechanically adjustable to 43		
Control unit		full electronic control			electronic control		
Heating system		bare wire			bare wire		
<b>ACCESSORIES (OPTION)</b>							
Fittings for finished walls		WKMD, WBMD (pressure fittings)			WKMD, WBMD (pressure fittings)		
Comfort remote control (wireless)		•	•	•	-	-	-
Comfort remote control (wired)		•	•	•	-	-	-
Remote control		-	-	-	•	•	•

## Instantaneous water heater

### Electronically controlled



MODEL	DHB-E 11 SLi	DHB-E 13 SL	DHB-E 18 SLi 25A	DHB-E 18/ 21/24 SLi	DHB-E 27 SLi	DHB 18 STi	DHB 21 STi	DHB 24 STi	DHB 27 STi	
	227485	227481	227486	227487	227488	227612	227613	227614	227615	
Rated output	kW	11	13.5	18	18/21/24	27	18	21	24	27
Rated current	A	16	19	26	29/31/35	39	26	31	35	39
Fuse protection	A	16	20	25	32/32/35	40	25	32	35	40
Power supply		3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz	3/PE ~ 400 V 50 Hz
DHW delivery	l/min	5.6	6.9	10.4	12.3	13.8	9.2	10.7	12.3	13.8
Temperature setting	°C	approx. 30-60	approx. 30-60	approx. 30-60	approx. 30-60	approx. 30-60	35, 45, 55	35, 45, 55	35, 45, 55	35, 45, 55
Max. inlet temperature	°C	60	60	60	60	60	25	25	25	25
IP rating		IP25	IP25	IP25	IP25	IP25	IP25	IP25	IP25	IP25
Height	mm	478	478	478	478	478	470	470	470	470
Width	mm	225	225	225	225	225	225	225	225	225
Depth	mm	105	105	105	105	105	110	110	110	110
Weight	kg	3.7	3.7	3.7	3.7	3.7	3.9	3.9	3.9	3.9
Colour		white	white	white	white	white	white	white	white	white
<b>EQUIPMENT</b>										
For one/several draw-off points		•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	
Type		oversink installation								
Temperature display		rotary selector with graduated markings					symbols			
Control unit		electronic control								
Heating system		bare wire								

# Instantaneous water heater

## Electronically controlled



MODEL		DHC-E 8/10	DHC-E 12	TEMPRA 12	TEMPRA 15	TEMPRA 20	TEMPRA 24
		224201	230628	223420	223421	223422	223424
Rated output	kW	9.6	12	12	14.4	19.2	24
Power supply		1/N/PE~220-240 V 50/60 Hz	1/N/PE~220-240 V 50/60 Hz	1/N/PE~208-240 V	1/N/PE~208-240 V	1/N/PE~208-240 V	1/N/PE~208-240 V
Rated current	A	40	50	50	2 x 30	2 x 40	2 x 50
Fuse protection	A	50	60	60	2 x 40	2 x 50	2 x 60
Max. inlet temperature	°C	55	55	55	55	55	55
Height	mm	360	360	369	369	369	369
Width	mm	200	200	420	420	420	420
Depth	mm	110	110	117	117	117	117
Weight	kg	2.7	2.7	6.1	7.3	7.3	7.3
Colour		white	white	grey	grey	grey	grey
IP rating		IP24	IP24				
EQUIPMENT							
For one/several draw-off points		•/•	•/•	•/•	•/•	•/•	•/•
Type		oversink installation					
Temperature display		rotary selector with graduated temperature markings					
Heating system		tubular heater					

## Instantaneous water heater

### Electronically controlled



MODEL		TEMPRA 12 Plus	TEMPRA 15 Plus	TEMPRA 20 Plus	TEMPRA 24 Plus	TEMPRA 29 Plus	TEMPRA 36 Plus
		224196	224197	224198	224199	223425	223426
Rated output	kW	12	14.4	19.2	24	28.8	36
Power supply		1/N/PE~208-240 V	1/N/PE~208-240 V	1/N/PE~208-240 V	1/N/PE~208-240 V	1/N/PE~208-240 V	1/N/PE~208-240 V
Rated current	A	50	2 x 30	2 x 40	2 x 50	3 x 40	3 x 50
Fuse protection	A	60	2 x 40	2 x 50	2 x 60	3 x 50	3 x 60
Max. inlet temperature	°C	55	55	55	55	55	55
Height	mm	369	369	369	369	369	369
Width	mm	420	420	420	420	420	420
Depth	mm	117	117	117	117	117	117
Weight	kg	6.1	7.3	7.3	7.3	8.6	8.6
Colour		white	white	grey	grey	grey	grey
EQUIPMENT							
For one/several draw-off points		•/•	•/•	•/•	•/•	•/•	•/•
Type		oversink installation					
Temperature display		rotary selector with graduated temperature markings					
Heating system		tubular heater					

# Instantaneous water heater

## Hydraulically controlled



MODEL		DHH 12 Si	DHH 18 Si	DHH 21 Si	DHH 24 Si	DHH 27 Si
		227933	227639	227640	227641	227642
Rated output	kW	11.4	18	21	24	27
Rated voltage 1	V	415	400	400	400	400
Water connection		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
Max. inlet temperature	°C	25	25	25	25	25
IP rating		IP25	IP25	IP25	IP25	IP25
Heating system		bare wire	bare wire	bare wire	bare wire	bare wire
Flow rate for pressure drop	l/min	3.4	5.1	5.6	6.3	7.0
Height	mm	470	470	470	470	470
Width	mm	225	225	225	225	225
Depth	mm	110	110	110	110	110
Weight	kg	4.1	4.1	4.1	4.1	4.1
Colour		white	white	white	white	white

EQUIPMENT									
For one/several draw-off points		•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•
Type		optional installation over & undersink				optional installation over & undersink			
Elect. air detection system		•	•	•	•	•	•	•	•
Suitable for plastic pipework		•	•	•	•	•	•	•	•
Control unit		electronic control							

ACCESSORIES (OPTION)									
Fittings for finished walls		WKMD, WBMD (pressure fittings)				WKMD, WBMD (pressure fittings)			



## Instantaneous water heater

### Hydraulically controlled



MODEL		HDB 12 control	HDB 18 control	HDB 21 control	HDB 24 control
		230023	230027	230026	230025
Rated voltage 1	V	400	400	400	400
Rated output 400 V stage I min.	kW	3.7	7	7.4	7.5
Rated output 400 V stage I max.	kW	9.1	14.3	16.8	19
Rated output 400 V stage II min.	kW	5.6	9.2	10.8	12
Rated output 400 V stage II max.	kW	11.4	18	21	24
Rated current 1	A	16.7	26	29	34
Fuse 1	A	20	32	32	35
Phases		3/PE	3/PE	3/PE	3/PE
Frequency	Hz	50	50	50	50
Water connection		G 1/2	G 1/2	G 1/2	G 1/2
Max. inlet temperature	°C	25	25	25	25
IP rating		IP25	IP25	IP25	IP25
Heating system		bare wire	bare wire	bare wire	bare wire
Height	mm	470	470	470	470
Width	mm	225	225	225	225
Depth	mm	117	117	117	117
Weight	kg	3.7	3.7	3.7	3.7
Colour		white	white	white	white
<b>EQUIPMENT</b>					
For one / several draw-off points		• / •	• / •	• / •	• / •
Type		optional installation over & undersink			
Version		pressure-tested (sealed)			
Application range in water		suitable for hard and soft water (low/high levels of calcium carbonate)			
Water connections		threaded connections G 1/2 (mounted on finished or unfinished walls)			
Circuit breaker		2 switching stages			
Suitable for plastic pipework		•	•	•	•
Control unit		hydraulically controlled			
<b>ACCESSORIES (OPTION)</b>					
Fittings for finished walls		WKMD, WBMD (pressure fittings)			

# Instantaneous water heater

## Hydraulically controlled



MODEL		DHF 13 C	DHF 15 C	DHF 18 C	DHF 21 C	DHF 24 C	DHF 12 C1	DHF 13 C3
		074301	074302	074303	074304	074305	182137	185708
Rated output	kW	13.2	15	18	21	24	13.2	13.2
Rated voltage 1	V	400	400	400	400	400	220	230
Phases		3/PE	3/PE	3/PE	3/PE	3/PE	1/N/PE	3/PE
Frequency	Hz	50	50	50	50	50	50	50
Water connection		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
IP rating		IP24	IP24	IP24	IP24	IP24		
Heating system		tubular heater	tubular heater	tubular heater	tubular heater	tubular heater	tubular heater	tubular heater
Flow rate for pressure drop	l/min	4.3	4.8	5.5	6	6.5	4.3	4.3
Height	mm	370	370	370	370	370	370	370
Width	mm	220	220	220	220	220	220	220
Depth	mm	130	130	130	130	130	130	130
Weight	kg	4.1	4.1	4.1	4.1	4.1	4.1	4.1
Colour		white	white	white	white	white	white	white
EQUIPMENT								
For one/several draw-off points		•/•	•/•	•/•	•/•	•/•	•/•	•/•
Type		optional installation over & undersink						
Version		pressure-tested (sealed)						
Application range in water		only suitable for soft water						
Water connections		threaded connections G 1/2 (mounted on finished or unfinished walls)						
Circuit breaker		2 switching stages						
Suitable for plastic pipework		-	-	-	-	-	-	-
Control unit		hydraulically controlled						
ACCESSORIES (OPTION)								
Fittings for finished walls		WKMD, WBMD (pressure fittings)						

## Instantaneous water heater

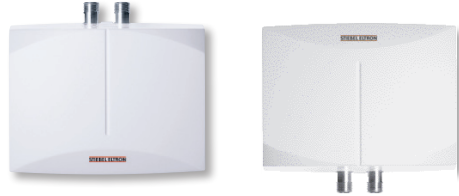
### Hydraulically controlled



MODEL		DHC 4	DHC 6	DHC 8	DHC 6 U	DHA 4/8 L
		073715	073480	073481	073479	073716
Rated output at 230 V	kW	4.4	6.6	8800	6600	8800
Power supply		1/N/PE ~ 220-240 V 50 Hz	1/N/PE ~ 220-240 V 50 Hz	1/N/PE ~ 220-240 V 50 Hz	1/N/PE ~ 220-240 V 50 Hz	1/N/PE ~ 220-240 V 50 Hz
Water connection		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
Height	mm	360	362	362	362	362
Width	mm	200	200	200	200	200
Depth	mm	104	105	105	105	105
Weight	kg	2.1	2.1	2.6	2.1	2.6
Colour		white	white	white	white	white
IP rating		IP25	IP25	IP25	IP25	IP24
EQUIPMENT						
For one/several draw-off points		•/•	•/•	•/•	•/•	•/•
Type		oversink installation			undersink installation	oversink installation
Version		pressure-tested (sealed)				
Application range in water		only suitable for soft water				
Water connections		threaded connections G 1/2 (mounted on finished or unfinished walls)				
Circuit breaker		2 switching stages				
Suitable for plastic pipework		-	-	-	-	-
Control unit		hydraulically controlled				

# Mini instantaneous water heater

## Electronically controlled



MODEL		DEM 3 electronic	DEM 4 electronic	DEM 6 electronic
		231001	231002	231215
Rated output at 230 V	kW	3.5	4.4	5.7
Power supply		1/N/PE ~ 220-240 V 50 Hz	1/PE ~ 220-240 V 50 Hz	1/PE ~ 220-240 V 50 Hz
Rated current	A	15.2	19.1	24.7
Fuse protection	A	16	20	25
Water connection		G <sup>3/8</sup>	G <sup>3/8</sup>	G <sup>3/8</sup>
Max. permissible pressure	MPa	0	1	1
Nominal capacity	l	0.1	0.1	0.1
Height	mm	143	143	143
Width	mm	190	190	190
Depth	mm	82	82	82
Weight	kg	1.5	1.5	1.5
Colour		white	white	white
IP rating		IP25	IP25	IP25
<b>EQUIPMENT</b>				
For one/several draw-off points		•/-	•/-	•/-
Type		optional installation over & undersink		
Control unit		electronic control		
Heating system		bare wire		
<b>ACCESSORIES (OPTION)</b>				
Unpressurised twin-handle wall mounted tap MAW		•	•	•
Unpressurised twin-handle washbasin tap MAZ		•	•	•
Unpressurised mono-lever washbasin tap MAE		•	•	•
Unpressurised sensor fitting WEN		•	•	•
Pressure-tested sensor fitting WEH		-	•	•

## Mini instantaneous water heater

### Hydraulically controlled



MODEL		DNM 3	DNM 4	DNM 6	DHM 3	DHM 4	DHM 6
		185411	185415	185418	220813	220814	185473
Rated output at 230 V	kW	3.5	4.4	5.7	3.5	4.4	5.7
Power supply		1/N/PE ~ 220-240 V 50 Hz	1/N/PE ~ 220-240 V 50 Hz	1/N/PE ~ 220-240 V 50 Hz	1/N/PE ~ 220-240 V 50 Hz	1/N/PE ~ 220-240 V 50 Hz	1/N/PE ~ 220-240 V 50 Hz
Rated current	A	15	19	25	15	19	25
Fuse protection	A	16	20	25	16	20	25
Water connection		G 3/8	G 3/8	G 3/8	G 3/8	G 3/8	G 3/8
Max. permissible pressure	MPa	0	0	0	1	1	1
Nominal capacity	l	0.1	0.1	0.1	0.1	0.1	0.1
Height	mm	143	143	143	143	143	143
Width	mm	190	190	190	190	190	190
Depth	mm	82	82	82	82	82	82
Weight	kg	1.4	1.4	1.4	1.4	1.4	1.4
Colour		white	white	white	white	white	white
IP rating		IP25	IP25	IP25	IP25	IP25	IP25
<b>EQUIPMENT</b>							
For one/several draw-off points		•/-	•/-	•/-	•/-	•/-	•/-
Type		optional installation over & undersink			undersink installation		
Control unit		hydraulically controlled					
Heating system		bare wire					
<b>ACCESSORIES (OPTION)</b>							
Unpressurised twin-handle wall mounted tap MAW		•	•	•	•	•	•
Unpressurised twin-handle washbasin tap MAZ		•	•	•	•	•	•
Unpressurised mono-lever washbasin tap MAE		•	•	•	•	•	•
Unpressurised sensor fitting WEN		•	•	•	•	•	•
Pressure-tested sensor fitting WEH		-	-	-	•	•	•

## Small water heaters

### For a single draw-off point



MODEL		SNU 5 SLi	SNU 5 SLi + WST-W	SNU 10 SLi	SN 5 SLi	SN 10 SLi	SN 15 SLi	SN 15 SL 3.3 kW
		221121	221122	222199	221127	222193	222204	222203
Connected load at 230 V	W	2000	2000	2000	2000	2000	2000	3300
Power supply		1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE
Nominal capacity	l	5	5	10	5	10	15	15
Version		open vented	open vented	open vented	open vented	open vented	open vented	open vented
Type of installation		undersink	undersink	undersink	oversink	oversink	oversink	oversink
Standby energy consumption/24 h	kWh	0.2	0.2	0.32	0.2	0.31	0.37	0.37
Amount of mixed water at 40°C	l	10	10	19	10	19	28	28
Water connection		G <sup>3/8</sup>	G <sup>3/8</sup>	G <sup>3/8</sup>	G <sup>1/2</sup>	G <sup>1/2</sup>	G <sup>1/2</sup>	G <sup>1/2</sup>
Max. flow rate	l/min	5	5	10	5	10	12	12
Temperature setting range	°C	35-85	35-85	35-85	35-85	35-85	35-85	35-85
Max. permissible pressure	MPa	0	0	0	0	0	0	0
Height	mm	421	421	503	421	503	601	601
Width	mm	263	263	295	263	295	316	316
Depth	mm	230	230	275	230	275	295	295
Weight	kg	3.0	3.0	4.6	3.0	4.6	6.2	6.2
Colour		white	white	white	white	white	white	white
IP rating		IP24	IP24	IP24	IP24	IP24	IP24	IP24
<b>EQUIPMENT</b>								
For a single draw-off point		•	•	•	•	•	•	•
Oversink appliance		•	-	-	•	-	•	•
Undersink appliance		-	•	•	-	•	-	-
Plastic internal cylinder		•	•	•	•	•	•	•
ECO economy setting	°C	60	60	60	60	60	60	60
<b>ACCESSORIES (OPTION)</b>								
Taps		valves for unpressurised DHW cylinders						

## Shower water heater

### For a single draw-off point



## Small water heaters

### For several draw-off points



MODEL		EB 15 SL 2 kW	EB 15 SL 3.3 kW
		222205	222206
Connected load at 230 V	W	2000	3300
Power supply		1/N/PE	1/N/PE
Nominal capacity	l	15	15
Version		open vented	open vented
Type of installation		oversink	oversink
Standby energy consumption/24 h	kWh		
Amount of mixed water at 40°C	l	28	28
Water connection		G 1/2	G 1/2
Max. flow rate	l/min	12	12
Temperature setting range	°C	35-85	35-85
Max. permissible pressure	MPa	0	0
Height	mm	601	601
Width	mm	316	316
Depth	mm	295	295
Weight	kg	5.8	6.1
Colour		white	white
IP rating		IP24	IP24

EQUIPMENT			
For one/several draw-off points		•/-	•/-
Oversink appliance		•	•
Undersink appliance		-	-
Copper internal cylinder		-	-
Internal steel container, enamelled		-	-
Plastic internal cylinder		•	•
ECO economy setting	°C	-	-

ACCESSORIES (OPTION)			
Taps		unpressurised taps	
Safety valves		-	-

	SHU 5 SLi	SHU 10 SLi	SH 10 SLi	SH 15 SLi	SH 15 SL GB 3.3 kW
	222151	222187	222181	222211	222210
	2000	2000	2000	2000	3300
	1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE
	5	10	10	15	15
	unvented	unvented	unvented	unvented	unvented
	undersink	undersink	oversink	oversink	oversink
	0.31	0.36	0.34	0.4	0.4
	10	19	19	28	28
	G 3/8	G 3/8	G 1/2	G 1/2	G 1/2
	5	10	10	12	12
	35-82	35-82	35-82	35-85	35-82
	0.7	0.7	0.7	0.7	0.7
	421	503	503	601	601
	263	295	295	316	316
	230	275	275	295	295
	5.2	7.6	7.6	10.5	10.8
	white	white	white	white	white
	IP24	IP24	IP24	IP24	IP24

	•/•	•/•	•/•	•/•	•/•
	-	•	-	•	•
	•	-	•	-	-
	•	-	-	-	-
	-	•	•	•	•
	-	-	-	-	-
	60	60	60	60	60

	-	-	-	-	-
	SVMT	SVMT	KV 307, KV 40	KV 307, KV 40	KV 307, KV 40

## Small water heaters

### For a single draw-off point



MODEL	UFP 5 t	UFP 5 h	PSH 15 Mini ID
	222175	222158	229501
Connected load at 230 V	W 2000	2000	300
Power supply	1/N/PE	1/N/PE	1/N/PE
Nominal capacity	l 5	5	15
Version	open vented	open vented	unvented
Type of installation	undersink	oversink	oversink
Standby energy consumption/24h	kWh 0.23	0.23	0.70
Amount of mixed water at 40°C	l 10	10	35
Water connection	G 3/8	G 1/2	G 1/2 A
Max. flow rate	l/min 5	5	12
Temperature setting range	°C 35-85	35-85	7-80
Max. permissible pressure	MPa 0	0	0.6
Height	mm 418	418	480
Width	mm 252	252	302
Depth	mm 222	222	302
Weight	kg 3.1	3.1	9
Colour	white	white	white
IP rating	IP24	IP24	IP24
<b>EQUIPMENT</b>			
For a single draw-off point	•	•	•
Oversink appliance	•	-	-
Undersink appliance	-	•	•
Plastic internal cylinder	•	•	•
ECO economy setting	°C 60	60	
<b>ACCESSORIES (OPTION)</b>			
Taps	valves for unpressurised DHW cylinders		



## Water boilers



MODEL		EBK 5 G	EBK 5 GA	EBK 5 K	KBA 5 KA
		074286	074287	074288	074289
Contents	l	5	5	5	5
Colour		white	white	white	grey
Container material		glass	glass	plastic	plastic
Colour, outer tap body		white	chrome-plated	white	chrome-plated
IP rating		IP24	IP24	IP24	IP24
Power supply		1/N/PE	1/N/PE	1/N/PE	1/N/PE
Rated voltage	V	230	230	230	230
Connected load	kW	2	2	2	2
Height	mm	325	325	295	295
Width	mm	245	245	325	325
Depth	mm	242	242	197	197
Weight	kg	4.1	4.1	2.9	2.9
EQUIPMENT					
For a single draw-off point		•	•	•	•
Type		oversink appliance			
Type of tap		2 lever tap	3 handle tap	2 lever tap	3 handle tap

# Wall mounted cylinder

## Hydraulically controlled



MODEL		SHZ 30 LCD	SHZ 50 LCD	SHZ 80 LCD	SHZ 100 LCD	SHZ 120 LCD	SHZ 150 LCD
		185452	185453	185454	185455	185456	185457
Nominal capacity	l	30	50	80	100	120	150
Mixed water volume 40°C	l	59	97	159	198	235	292
Standby power consumption/24 h	kWh	0.45	0.52	0.66	0.77	0.92	1.05
Colour		white	white	white	white	white	white
Temperature setting range	°C	20-85	20-85	20-85	20-85	20-85	20-85
Power supply		1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE
Connected load ~ 230 V	kW	1-4	1-4	1-4	1-4	1-4	1-4
Connected load ~ 400 V	kW	1-6	1-6	1-6	1-6	1-6	1-6
IP rating		IP25	IP25	IP25	IP25	IP25	IP25
Height	mm	770	740	1050	1050	1210	1445
Width	mm	410	510	510	510	510	510
Depth	mm	420	510	510	510	510	510
Weight (empty)	kg	22.9	27.6	37.6	39.5	42.4	52
EQUIPMENT							
For one / several							
draw-off points (pressure-tested)		•/•	•/•	•/•	•/•	•/•	•/•
Operating mode							
Two-circuit/ single circuit cylinder		•	•	•	•	•	•
Internal steel container, enamelled		•	•	•	•	•	•
Electronic control unit		•	•	•	•	•	•
LCD display		•	•	•	•	•	•
Impressed current anode		•	•	•	•	•	•
ACCESSORIES							
Safety valves		KV 30, KV 40 for pressurised operation, taps for unpressurised operation					

## Wall mounted cylinder

### Single circuit cylinder | Two-circuit/single circuit cylinder



MODEL		SH 30 S	SH 50 S	SH 80 S	SH 100 S	SH 120 S	SH 150 S	HFA-Z 30	HFA-Z 80	HFA-Z 100	HFA-Z 150
		073047	073048	073049	073050	073051	073052	073111	074467	074469	073114
Nominal capacity	l	30	50	80	100	120	150	30	80	100	150
Mixed water volume 40°C	l	59	97	159	198	235	292	58	158	195	290
Standby power consumption/24 h	kWh	0.45	0.52	0.66	0.77	0.92	1.05	0.5	0.72	0.86	1.2
Colour		white	white	white	white	white	white	white	white	white	white
Temperature setting range	°C	35-82	35-82	35-82	35-82	35-82	35-82	35-82	35-82	35-82	35-82
Power supply		1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE	1/N/PE, 2/N/PE, 3/N/PE
Connected load ~ 230 V	kW	1-4	1-4	1-4	1-4	1-4	1-4	2-4	2-4	2-4	2-4
Connected load ~ 400 V	kW	3-6	3-6	3-6	3-6	3-6	3-6	2-6	2-6	2-6	2-6
Water connection		G ½	G ½	G ½	G ½	G ½	G ½	G ½	G ½	G ½	G ½
Height	mm	770	740	1050	1050	1210	1445	770	975	975	1280
Width	mm	410	510	510	510	510	510	410	510	510	510
Depth	mm	420	510	510	510	510	510	420	510	510	510
Weight (empty)	kg	23.1	28	38	40.8	45.5	53.3	22.6	33	37.5	49
<b>EQUIPMENT</b>											
For one/several draw-off points (pressure-tested)		•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•
Version		pressure-tested (sealed)						pressure-tested (sealed)			
Single circuit cylinder operation		•	•	•	•	•	•	-	-	-	-
Two-circuit/single circuit cylinder		-	-	-	-	-	-	•	•	•	•
Internal steel container, enamelled with protective anode		•	•	•	•	•	•	•	•	•	•
Signal anode		•	•	•	•	•	•	-	-	-	-
Heat content display		•	•	•	•	•	•	-	-	-	-
<b>ACCESSORIES</b>											
Safety valves		KV 30, KV 40 for pressurised operation, taps for unpressurised operation									

# Wall mounted cylinder

## Single circuit cylinder | Two-circuit/single circuit cylinder



MODEL		SH 50 A	SH 80 A	SH 100 A	SH 120 A	SH 150 A	SH 100 A UNI	SH 120 A UNI	SH 150 A UNI
		073120	073121	073122	073123	073124	073277	073194	073195
Nominal capacity	l	50	80	100	120	150	100	120	150
Amount of mixed water at 40 °C	l	96	152	190	229	288	190	229	288
Standby loss/24 h	kWh	0.52	0.66	0.77	0.92	1.02	0.77	0.92	1.05
Colour		white	white	white	white	white	white	white	white
Temperature setting range	°C	35-82	35-82		35-82	35-82	35-82	35-82	35-82
Power supply		1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE, 3/N/PE	1/N/PE, 3/N/PE	1/N/PE, 3/N/PE
Connected load ~ 230 V	kW	2	2	2	3	3	1.3/2.6	1.3/2.6	1.3/2.6
Connected load ~ 400 V	kW						3.9	3.9	3.9
Water connection		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
IP rating		IP25	IP25	IP25	IP25	IP25	IP25	IP25	IP25
Height	mm	740	975	975	1100	1280	975	1100	1280
Width	mm	510	510	510	510	510	510	510	510
Depth	mm	510	510	510	510	510	510	510	510
Weight (empty)	kg	27.3	36.1	37	41	47.5	38	48	48
<b>EQUIPMENT</b>									
For one/several draw-off points (pressure-tested)		•/•	•/•	•/•	•/•	•/•	•/•	•/•	•/•
Version		pressure-tested (sealed)							
Single circuit cylinder operation		•	•	•	•	•	-	-	-
Two-circuit/single circuit cylinder		-	-	-	-	-	•	•	•
Internal steel container, enamelled with protective anode		•	•	•	•	•	•	•	•
Heat content display		•	•	•	•	•	-	-	-
<b>ACCESSORIES</b>									
Safety valves		KV 30, KV 40 for pressurised operation, taps for unpressurised operation							

## Wall mounted cylinder



MODEL		PSH 30 TM	PSH 50 TM	PSH 80 TM	PSH 100 TM	PSH 120 TM	PSH 150 TM	PSH 200 TM
		222215	222216	222217	222218	222231	222232	222233
Height	mm	585	840	810	962	1116	1352	1625
Nominal capacity	l	30	50	80	100	120	150	200
Amount of mixed water at 40 °C	l	56.2	101.5	144.3	186	227.9	291	385.3
Standby loss 24 h at 65 °C	kW	0.73	0.93	1.16	1.48	1.71	2.01	2.9
Power consumption	W	2000	2000	2000	2000	2000	2000	2000
Rated voltage	V	230	230	230	230	230	230	230
Phases		1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE
Frequency	Hz	50	50	50	50	50	50	50
Water connection		G 1/2	G 1/2	G 3/4	G 3/4	G 3/4	G 3/4	G 3/4
Colour		white/grey	white/grey	white/grey	white/grey	white/grey	white/grey	white/grey
Diameter	mm	390	390	470	470	470	470	470
Weight (empty)	kg	16	21	26	30	34	41	50
IP rating		IP25	IP25	IP25	IP25	IP25	IP25	IP25
Temperature setting range	°C	7-70	7-70	7-70	7-70	7-70	7-70	7-70
<b>EQUIPMENT</b>								
For one / several draw-off points (pressure-tested)		•/•	•/•	•/•	•/•	•/•	•/•	•/•
Version		pressure-tested (sealed)						
Single circuit cylinder operation		•	•	•	•	•	•	•
Internal steel container, enamelled with protective anode		•	•	•	•	•	•	•
Signal anode		•	•	•	•	•	•	•
Heat content display		-	-	-	-	-	-	-
<b>ACCESSORIES</b>								
Safety valves		SV Ex 1/2	SV Ex 1/2	SV EX 3/4	SV EX 3/4	SV EX 3/4	SV EX 3/4	SV EX 3/4

## Wall mounted cylinder



MODEL		PSH Comfort Universal 30	PSH Comfort Universal 50	PSH Comfort Universal 80	PSH Comfort Universal 100	PSH Comfort Universal 120	PSH Comfort Universal 150
		229269	229270	229271	229272	229273	229274
Height	mm	676	831	893	1045	1200	1435
Width	mm	380	380	475	475	475	475
Depth	mm	380	380	475	475	475	475
Nominal capacity	l	30	50	80	100	120	150
Amount of mixed water at 40 °C	l	49.9 (V)/42.4 (H)*	91.8 (V)/75.6 (H)*	136.3 (V)/110.5 (H)*	182.8 (V)/152.3 (H)*	216.8 (V)/173.4 (H)*	272.7 (V)/194.1 (H)*
Standby loss 24 h at 65 °C	kW	0.57 (V)/0.83 (H)*	0.78 (V)/0.94 (H)*	0.88 (V)/1.0 (H)*	1.05 (V)/1.26 (H)*	1.19 (V)/1.43 (H)*	1.29 (V)/1.57 (H)*
Power consumption	W	2x900	2x900	2x900	2x900	2x900	2x900
Rated voltage	V	230	230	230	230	230	230
Phases		1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE	1/N/PE
Frequency	Hz	50	50	50	50	50	50
Water connection		G 1/2	G 1/2	G 1/2	G 1/2	G 1/2	G 1/2
Colour		white	white	white	white	white	white
Weight (empty)	kg	20	26	32	36	41	50
IP rating		IP25 (V)/IP24 (H)*	IP25 (V)/IP24 (H)*	IP25 (V)/IP24 (H)*	IP25 (V)/IP24 (H)*	IP25 (V)/IP24 (H)*	IP25 (V)/IP24 (H)*
Temperature setting range	°C	7-80	7-80	7-80	7-80	7-80	7-80

\* (V) = vertical, (H) = horizontal

EQUIPMENT						
For one / several draw-off points (pressure-tested)	•/•	•/•	•/•	•/•	•/•	•/•
Version	pressure-tested (sealed)					
Single circuit cylinder operation	•	•	•	•	•	•
Internal steel container, enamelled with protective anode	•	•	•	•	•	•
Signal anode	•	•	•	•	•	•
Heat content display	-	-	-	-	-	-

ACCESSORIES						
Safety valves	SV Ex 1/2	SV Ex 1/2	SV EX 3/4	SV EX 3/4	SV EX 3/4	SV EX 3/4

## Floorstanding cylinder



MODEL		SHW 200 S	SHW 300 S	SHW 400 S	SHW 300 WS	SHW 400 WS	SB 302 S	SB 402 S
		182120	182121	182122	185352	185353	185354	185355
Nominal capacity	l	200	300	400	300	400	300	400
Temperature setting range	°C	35-82	35-82	35-82	35-82	35-82		
Mixed water volume 40°C	l	397	590	780	590	780		
Standby power consumption/24 h	kWh	1.5	1.9	2.25	1.9	2.25		
Power supply		1/N/PE, 3/N/PE	1/N/PE, 3/N/PE	1/N/PE, 3/N/PE	1/N/PE, 3/N/PE	1/N/PE, 3/N/PE		
Connected load ~ 230 V	kW	2-4	2-4	2-4	2-4	2-4		
Connected load ~ 400 V	kW	2-6	2-6	2-6	2-6	2-6		
Surface area, indirect coil	m <sup>2</sup>				1.8	1.8		
Height	mm	1570	1585	1755	1585	1755	1585	1755
Width	mm	630	700	750	700	750	700	750
Depth	mm	730	815	865	815	865	700	750
Weight (empty)	kg	65	77	90	137	150	101	119
Colour		pure white/ basalt grey	pure white/ basalt grey	pure white/ basalt grey	pure white/ basalt grey	pure white/ basalt grey	pure white/ basalt grey	pure white/ basalt grey
EQUIPMENT								
Thermometer		•	•	•	•	•	•	•
Thermal insulation permanently fitted/removable		•/-	•/-	•/-	•/-	•/-	•/-	•/-
Internal cylinder, steel, enamelled, with protective anode		•	•	•	•	•	•	•
Display element for protective anode		•	•	•	•	•	-	-

## Floorstanding cylinder



MODEL	SHW 200 ACE	SHW 300 ACE	SHW 400 ACE
	070074	070075	070076
Nominal capacity	l 200	300	400
Amount of mixed water at 40 °C	l 397	590	780
Standby loss / 24 h	kWh 1.9	2.2	2.7
Colour	white	white	white
Power supply	1/N/PE, 3/N/PE	1/N/PE, 3/N/PE	1/N/PE, 3/N/PE
Connected load ~ 230 V	kW 2-4	2-4	2-4
Connected load ~ 400 V	kW 2-6	2-6	2-6
IP rating	IP25	IP25	IP25
Height	mm 1570	1585	1755
Width	mm 550	650	700
Depth	mm 690	790	840
Weight (empty)	kg 54	67	54
EQUIPMENT			
Thermal insulation permanently fitted/removable	•/-	•/-	•/-
Internal cylinder, steel, enamelled, with protective anode	•	•	•
Display element for protective anode	-	-	-



## Commercial use: Hand dryer



MODEL		HTT 4 WS 074464	HTT 5 WS 074465	HTT 5 AM 182052	HTT 5 SM 182053
Colour		alpine white	off white, RAL 9003	anthracite metallic	silver metallic
Casing material		plastic	diecast aluminium	diecast aluminium	diecast aluminium
Power supply		1/N 220-240 V 50/60 Hz	1/N 220-240 V 50/60 Hz	1/N 220-240 V 50/60 Hz	1/N 220-240 V 50/60 Hz
Connected load	W	2500	2500	2500	2500
Operating noise	dB(A)	68	68	68	68
Air flow rate	m <sup>3</sup> /h	250	250	250	250
Drying time	s	20	20	20	20
Height	mm	250	266	266	266
Width	mm	238	257	257	257
Depth	mm	230	230	230	230
Weight	kg	2.7	4.2	4.2	4.2
IP rating		IP23	IP23	IP23	IP23



MODEL		HTE 4 073007	HTE 5 073008
Colour		alpine white	off white, RAL 9003
Casing material		plastic	diecast aluminium
Power supply		1/N 220-240 V 50 Hz	1/N 220-240 V 50 Hz
Connected load	W	1730	1730
Operating noise	dB(A)	54	54
Air flow rate	m <sup>3</sup> /h	146	146
Drying time	s	36	36
Height	mm	250	266
Width	mm	238	257
Depth	mm	230	230
Weight	kg	2.5	4
IP rating		IP23	IP23

## Instantaneous water heating cylinder



MODEL		SHD 30 S 073059	SHD 100 S 073060
Nominal capacity	l	30	100
Mixed water volume 40°C	l	59	195
Standby power consumption/24 h	kWh	0.45	0.77
Colour		white	white
Temperature setting range	°C	35-85	35-85
Power supply		3/PE	3/PE
Rated voltage	V	400	400
Connected load – 400 V	kW	3.5/21	3.5/21
Height	mm	770	1050
Width	mm	410	510
Depth	mm	420	510
Weight (empty)	kg	24.3	40.1
<b>EQUIPMENT</b>			
For one/several draw-off points (pressure-tested)		•/•	•/•
Internal cylinder, steel, enamelled, with protective anode		•	•
Display element for protective anode		•	•
<b>SPECIAL ACCESSORIES</b>			
Safety valves		KV 30, KV 40	

## Commercial use: Floorstanding cylinder



MODEL		SHO AC 600 7.5	SHO AC 600 6/12	SHO AC 1000 12	SHO AC 1000 9/18	SB 602 AC	SB 1002 AC	SB 650/3 AC
		001414	003352	001415	003353	071554	071282	003039
Nominal capacity	l	600	600	1000	1000	600	1000	650
Mixed water volume 40°C	l	1060	1060	1860	1860			
Standby energy consumption/24 h	kWh	4.6	4.6	5.7	5.7			
Temperature setting range	°C	35-85	35-85	35-85	35-85			
Connected load ~ 400 V	kW	7.5	6/12	12	9/18			
Height	mm	1685	1685	2525	2525	1685	2525	1725
Width	mm	750	750	750	750	750	750	750
Depth	mm	1030	1030	1030	1030	800	800	830
Weight (empty)	kg	160	161	230	232	154	212	190
Number of flanged apertures						2	2	3
<b>EQUIPMENT</b>								
Thermometer		•		•		•	•	-
Removable thermal insulation		•		•		•	•	•
Internal cylinder, steel, enamelled, with protective anode		•		•		•	•	•
Display element for protective anode		•		•		-	-	-
<b>SPECIAL ACCESSORIES</b>								
Foam thermal insulation		WD 611		WD 1011		WD 612	WD 1012	WD 650

## Commercial use: Automatic water boilers



MODEL		KA 5*
		221377
Contents	l	5
Colour		metallic
Weight (empty)	kg	7.6
Power supply		1/N/PE
Rated voltage	V	230
Connected load ~ 230 V	kW	2.3
Height	mm	501
Width	mm	337
Depth	mm	203
ACCESSORIES		
Drip pan		•
Tap (optional extra)		-
Tundish		•

\* as long as stocks last

## Safety assemblies

For sealed unvented wall mounted cylinders



MODEL	KV 30	KV 40	KV 307	TA 260	SRT 2
	000826	000828	000757	003466	230764
Description	Safety assembly, 6 bar operating pressure, with funnel	Safety assembly, 6 bar operating pressure, with pressure reducing valve to 10 bar and funnel	Safety assembly, 7 bar operating pressure, with funnel	Thermostatic valve for central premixing. Only to be used in conjunction with safety assemblies	Safety assembly for finished walls, 6 bar operating pressure, with funnel
Optional combinations	SH 10 S, SH 15 S, SHZ 30-150 LCD, SH 30-150 S, HFA-Z 30-150, SHD 30-100 S				

## Taps/valves

For open vented DHW cylinder and mini instantaneous water heaters



MODEL	WEN	WEH
	230956	230957
Application	Washbasin	Washbasin
Version	open vented	unvented
Description	Single hole mixer tap with 230 V power supply. Electronic proximity switch (infra-red). Connection by means of three flexible connection hoses, with dirt filter in the supply. Chrome-plated surface finish, reach 122 mm. Adjustable mixed water temperature	Single hole mixer tap with 230 V power supply. Electronic proximity switch (infra-red), undersink. Connection by means of two flexible connection hoses. With dirt filter in the supply. Chrome-plated surface finish, reach 110 mm. Adjustable mixed water temperature
Optional combinations	SNU 5 SL, SNU 10 SL, DNM, DEM 3	SHU 5 SL, SHU 10 SL, DHM, DEM 4, DEM 6

## Taps/valves

For instantaneous water heater (pressurised taps for finished walls)



For bathrooms | For baths

MODEL	WBMD
	222438
Description	Twin-handle bath mixer with metal shower hose, 1.25 m long and hand shower attachment, exclusive design
Optional combinations	DHE, DEL, DHB E, DHB ST, HDB, DHF-C

For kitchens | Mounted over the sink

MODEL	WKMD
	222437
Description	Twin-handle wall mounted kitchen mixer tap with pivoting spout, 160 mm reach, exclusive design
Optional combinations	DHE, DEL, DHB E, DHB ST, HDB, DHF-C

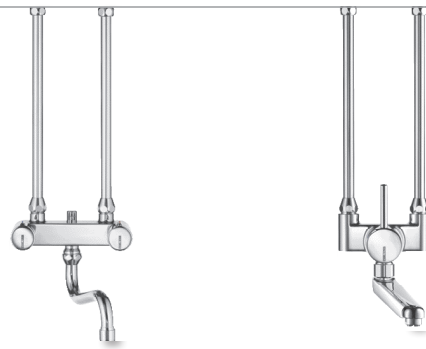
## Taps/valves

For open vented DHW cylinders and water heaters



### For kitchens | Mounted on the sink

MODEL	WST-K	WUM	WUT	MESL	MES
	074428	222433	222432	222442	222440
Description	Tempering sink mixer tap with pivoting spout, chain eyelet, flexible water connection hoses, exclusive design	Twin-handle sink mixer tap with pivoting spout, chain eyelet, exclusive design	Tempering sink mixer tap with pivoting spout, chain eyelet, exclusive design	Mono-handle mixer tap for sink units and single hole mounting. Cast pivoting spout with aerator and end-stops, brass casing, chrome finish, exclusive design	Mono-handle sink mixer tap with cast pivoting spout, 230 mm reach, exclusive design
Optional combinations	SNU 5 SL, UFP 5t, SNU 10 SL				



### For kitchens | Mounted on the sink

MODEL	MESB
	222441
Description	Mono-handle sink mixer tap with extending rinsing hose, 244 mm reach, exclusive design
Optional combinations	SNU 5 SL, UFP 5t, SNU 10 SL

### For kitchens | Mounted over the sink

WKM	MEK
222434	222443
Twin-handle wall mounted kitchen mixer tap with pivoting spout, 160 mm reach, exclusive design	Mono-handle wall mounted kitchen mixer tap with cast pivoting spout, 185 mm reach, exclusive design
UFP 5 h, SN 5 SL, SN 10 SL, SN 15 SL, SHZ LCD, SH SL, HFA-Z, SNZ 80 S <sup>2</sup> / <sub>3</sub>	

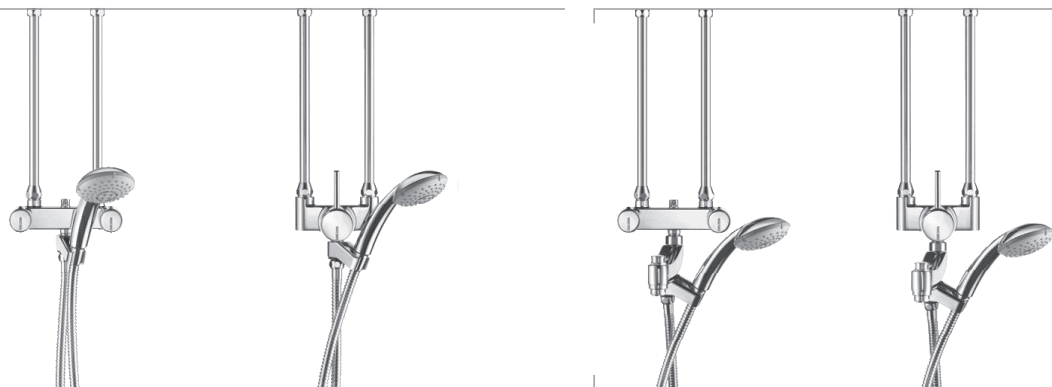
## Taps/valves

For open vented DHW cylinders and water heaters



### For bathrooms | For washbasins

MODEL	WST-W	WST	WSM	MEW
	074427	222430	222431	222439
Description	Tempering washbasin mixer tap with pivoting spout, chain eyelet, exclusive design	Tempering washbasin mixer tap with pivoting spout, chain eyelet, exclusive design	Twin-handle washbasin mixer tap with pivoting spout, chain eyelet, exclusive design	Mono-handle washbasin mixer tap with fixed cast spout and pull rod drain set, exclusive design
Optional combinations	SNU 5 SL, UFP 5 t, SNU 10 SL			



### For bathrooms | For showers

MODEL	WDM	MED
	222435	222444
Description	Twin-handle shower mixer with metal shower hose, 1.5 m long and hand shower attachment, exclusive design	Mono-handle shower mixer with metal shower hose, 1.5 m long and hand shower attachment, exclusive design
Optional combinations	EB 15 S, SN 15 SL, SHZ LCD <sup>1)</sup> , SH SL <sup>1)</sup> , HFA-Z <sup>1)</sup> , SNZ 80 S <sup>2/3</sup> <sup>1)</sup>	

<sup>1)</sup> For unpressurised operation

### For bathrooms | For baths

MODEL	WBM	MEB
	222436	222445
Description	Twin-handle bath mixer with metal shower hose, 1.25 m long and hand shower attachment, exclusive design	Mono-handle bath mixer with metal shower hose, 1.25 m long and hand shower attachment, exclusive design
Optional combinations	SHZ LCD, SH SL, HFA-Z, SNZ 80 S <sup>2/3</sup>	

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