

**Hot water storage heaters
and boiling water heaters**





From 5 to
120 litres.

Hot water storage heaters

Decentralised storage heaters provide conventional hot water supply. They store the hot water in a heat-insulated tank as close as possible to the point-of-use. They provide a limited amount of mixed water without long wait times. After dispensing the water, the storage tank automatically fills up again and heats the water to the set temperature.

The size of the storage heater can be selected as required: e.g. small storage heaters are sufficient for single points-of-use (wash basins or sinks). The large wall-mounted storage heaters can centrally supply hot water for several points-of-use in an entire apartment.



Good insulation is a must!

High-quality insulation is necessary to keep heat losses during hot water storage at a minimum. Energy saver settings at the temperature control assist in limiting the energy consumption.

Since storage heaters take a while to heat the water, they can be operated with comparatively low power ratings.

Boiling water heater

5 litres.

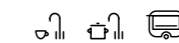
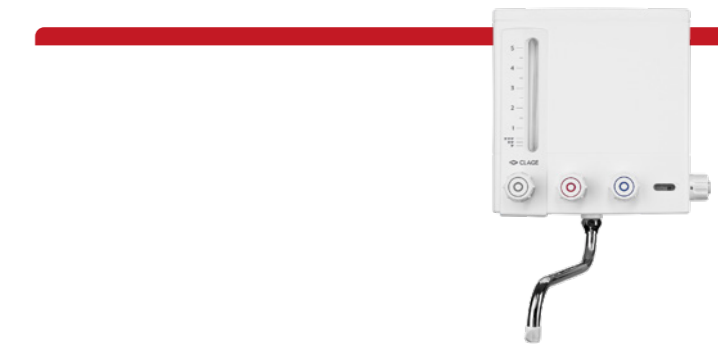


Boiling water
for smaller demand.

Electric wall kettle K5

The electric wall kettle is mounted above the sink. It is used for demand-based hot water preparation at home or a work place. **The user fills the unit with up to 5 litres of water** and it is heated to the desired temperature between approx. 37°C and the boiling point (99°C).

- > Boiling water heater for hot water preparation from one cup up to 5 litres
- > Temperature range from approx. 37°C to the boiling point (99°C)
- > Integrated tap
- > Overflow drain integrated in the swivel spout
- > Boiling point control
- > Secure wall-mounted installation
- > Ready to plug in



K5

Part number:	4100-41002
Water connections (thread connections):	G ½"
Temperature range [°C]:	37 - 99
Contents [litres / cups ¹⁾]:	≤ 5 / 30
Heating time for complete fill-up ²⁾ [min]:	14.5
Nominal power rating (kW):	2.0
Voltage:	1~ / N / PE 230 V AC
Protection class:	IP 24
Function indicator:	✓
Case:	plastic / white
Internal tank:	plastic
Boiling point control:	✓
Length of swivel spout [cm]:	20
Dimensions (height × width × depth) [cm]:	27 × 29 × 20
Power cable:	☑ with plug
approx. weight filled with water [kg]:	7.5

1) Standard cup with 167 ml 2) At 10 °C inlet temperature

Small storage heater from 5 to 15 litres.

Small 5-litre storage heaters supply hot water for a single point-of-use e.g. the kitchen sink.



Low cost
standard.

Small storage water heater S5

The small storage heater S5 provides up to nine litres of hot mixed water for one point-of-use (e.g. the kitchen sink). To avoid exposing the unit to water line pressure, it requires a special open-outlet tap for **vented hot water heaters**.

- > **Vented small 5-litre storage heaters for hot water supply at a single point-of-use**
- > Temperature control approx. 35 °C to 85 °C with available energy-saver range and optional temperature limitation at 38 °C, 55 °C or 65 °C
- > **Can only be used with a special open-outlet tap for vented hot water heaters**
- > Safety temperature limiter as dry-run protection



	☎ ☎	☎ ☎
	S5-O (oversink model)	S5-U (undersink model)
Part number:	4100-41052	4100-42052
Content [litres]:	5	
Type:	vented	
Water connections (thread connections):	G 1/2"	G 3/8"
Temperature range [°C]:	approx. 35 – 85	
approx. mixed water amount 40 °C ¹⁾ [litres]:	9.1	
Nominal power rating (kW):	2.0	
Voltage [V]:	1~/N/PE 230 V AC	
Nominal current [A]:	9	
Heating time Δt = 55 K ²⁾ [min]:	10	
Standby power consumption at 65 °C [kWh / 24h]:	0.28	0.27
Internal tank:	plastic	
Function indicator:	✓	
Temperature limit adjustable to ... [°C]:	38 / 55 / 65	
Protection class:	IP24	
Dimensions (height × width × depth) [cm]:	38 × 26 × 23	
Power cable:	☎ with plug	
approx. weight filled with water [kg]:	8.5	

1) At an inlet temperature of 12 °C and a content temperature of 65 °C 2) Temperature increase e.g. from 10 °C to 65 °C

Vented or unvented.

Small storage water heater S10



With its 10-litre capacity, this storage heater also fulfils an increased hot water demand at a kitchen sink. Due to its long-lasting copper tank, it allows for vented as well as unvented installation in combination with a safety assembly.

- > **Unvented small 10-litre storage heater for hot water supply at one or two points-of-use**
- > Corrosion-proof and therefore **maintenance-free internal copper tank** with high-quality heat insulation
- > Temperature control approx. 5 °C to 80 °C
- > For vented installation (with open-outlet tap) and unvented installation (with safety assembly)

	☰ ☱	☰ ☱
	S10-O (oversink model)	S10-U (undersink model)
Energy efficiency class A (Scale: A+ to F)		
Part number:	4100-41103	4100-42103
Content [litres]:	10	
Type; maximum operating pressure [MPa (bar)]:	unvented ¹⁾ ; 0.8 (8)	
Water connections (thread connections):	G ½"	G ¾"
Temperature range [°C]:	5 °C (☼) / 30 °C – 35 °C (ECO) / 55 °C / 80 °C (MAX)	
approx. mixed water amount 40 °C ²⁾ [litres]:	20	
Nominal power rating (kW):	2.2	
Voltage [V]:	1~ / N / PE 230 V AC	
Nominal current [A]:	10	
Heating time Δt = 55 K ³⁾ [min]:	17	
Standby power consumption at 65 °C [kWh / 24h]:	0.30	0.34
Internal tank:	copper	
Function indicator:	✓	
Protection class:	IP24	
Dimensions (height × width × depth) [cm]:	45 × 30 × 29	
Power cable:	☑ with plug	
approx. weight filled with water [kg]:	16.5	

1) This storage heater can also be operated as an open-outlet system. 2) With an inlet temperature of 15 °C and a content temperature of 65 °C 3) Temperature increase e.g. from 15 °C to 70 °C

Would you like more?

Small storage water heater S15



With its 15-litre capacity, this storage heater also fulfils large hot water demand at a kitchen sink. Due to its long-lasting copper tank, it allows for vented as well as unvented installation in combination with a safety assembly.

- > **Unvented small 15-litre storage heater for hot water supply at one or two points-of-use**
- > Corrosion-proof and therefore **maintenance-free internal copper tank** with high-quality heat insulation
- > Temperature control approx. 5 °C to 80 °C
- > For vented installation (with open-outlet tap) and unvented installation (with safety assembly)

	☰ ☱ ☼	☰ ☱
	S15-O (oversink model)	S15-U (undersink model)
Energy efficiency class B (Scale: A+ to F)		
Part number:	4100-41153	4100-42153
Content [litres]:	15	
Type; maximum operating pressure [MPa (bar)]:	unvented ¹⁾ ; 0.8 (8)	
Water connections (thread connections):	G ½"	G ¾"
Temperature range [°C]:	5 °C (☼) / 30 °C – 35 °C (ECO) / 55 °C / 80 °C (MAX)	
approx. mixed water amount 40 °C ²⁾ [litres]:	30	
Nominal power rating (kW):	2.2	
Nominal current [A]:	10	
Voltage [V]:	1~ / N / PE 230 V AC	
Heating time Δt = 55 K ³⁾ [min]:	26	
Standby power consumption at 65 °C [kWh / 24h]:	0.49	0.43
Internal tank:	copper	
Function indicator:	✓	
Protection class:	IP24	
Dimensions (height × width × depth) [cm]:	45 × 30 × 29	
Power cable:	☑ with plug	
approx. weight filled with water [kg]:	22.5	

1) This storage heater can also be operated as an open-outlet system. 2) With an inlet temperature of 15 °C and a content temperature of 65 °C 3) Temperature increase e.g. from 15 °C to 70 °C

Wall-mounted storage heaters from 30 to 120 litres.

For increased hot water requirements, SX wall-mounted storage heaters with a capacity of 50, 80, 100 or 120 litres ensure economical operation.



A round of showers.

Wall-mounted storage heater S30 Smart

The average hot water demand is covered by the S30 Smart, 30-liter wall-mounted storage tank. The high-quality hard foam insulation helps to minimise its energy use.

- > **Unvented wall-mounted storage heater with 30-litres capacity for the hot water supply at one or more points-of-use**
- > Internal tank with special enamel coating
- > **With programmable smart function to adjust the heating power to the user's behaviour**
- > More hygiene through automatic anti-legionella function
- > Thermostat with overheating protection
- > Temperature selection in seven steps from 10 °C to maximum 75 °C
- > **Corrosion protection due to special enamel coating and magnesium protection anode**
- > PU hard foam insulation

NEW



	Energy efficiency class B (Scale: A+ to F)	S30 Smart
Part number:		4100-41030
Content [litres]:		29,1
Type; maximum operating pressure [MPa (bar)]:		unvented; 0,6 (6)
Water connections (thread connections):		G ½"
Temperature range [°C]:		10 – 75
approx. mixed water amount 40 °C ¹⁾ [litres]:		54
Nominal power rating ²⁾ [kW]:		2,0
Voltage [V]:		1~ / N / PE 230 V AC
Annual power consumption [kWh]:		496
Heating time Δt = 45 K ²⁾ [min]:		50
Weekly power consumption with intelligent control [kWh]:		13,05
Weekly electricity consumption without intelligent control [kWh]:		16,22
Internal tank:		specialy enamelled steel
Function indicator:		✓
Single-circuit operation:		✓
Protection class:		IP 24
Dimensions (height × width × depth) [cm]:		51 × 42 × 44,5
Power cable:		Ⓢ with plug
approx. weight filled with water [kg]:		49

¹⁾ With an inlet temperature of 15 °C and a content temperature of 60 °C ²⁾ Temperature increase e.g. from 15 °C to 60 °C

Plenty of hot water in stock.

Hot water storage heater S 50, 80, 100



Whenever larger water amounts are required, these wall-mounted storage heaters provide the necessary capacities. The special enamel coating and a magnesium anode provide corrosion protection for the internal tank.

- > **Unvented wall-mounted storage heater with 50, 80 or 100 litres capacity**
- > Continuous temperature adjustment up to approx. 70 °C with temperature display
- > **Corrosion protection due to special enamel coating and magnesium protection anode**

	Energy efficiency class C (Scale: A+ to F)		
	S 50	S 80	S 100
Part number:	4100-43850	4100-43880	4100-43900
Content [litres]:	50	80	100
Type; maximum operating pressure [MPa (bar)]:	unvented; 0.6 (6)		
Water connections (thread connections):	G 1/2"		
Temperature range [°C]:	≤ 70		
approx. mixed water amount 40 °C ¹⁾ [litres]:	100	160	200
Nominal power rating ²⁾ [kW]:	2.0		
Voltage [V]:	1~/N/PE 220 – 240 V AC		
Nominal current ²⁾ [A]:	9		
Heating time Δt = 45 K ³⁾ [min]:	90	140	180
Standby power consumption at 65 °C [kWh / 24h]:	0.80	0.98	1.18
Internal tank:	specially enamelled steel		
Hot water capacity indicator / function indicator:	✓ / ✓		
Protection class:	IP 25D		
Dimensions (height × width × depth) [cm]:	61 × 49 × 50	84 × 49 × 50	99 × 49 × 50
Power cable:	☑ with plug		
approx. weight filled with water [kg]:	70	105	129

1) With an inlet temperature of 15 °C and a content temperature of 65 °C 2) Related to rated voltage 230 V 3) Temperature increase e.g. from 15 °C to 60 °C

The great all-round talent.

Hot water storage heater SX 50, 80, 100, 120



The storage capacity of these storage heaters ranges from 50 to 120 litres and provides large mixed water amounts for increased hot water demands. Electronic controls and a dual-circuit system ensure economical operation, since the stored water can be heated using the cost-efficient night energy rate.

- > **Wall-mounted storage water heater with 50, 80 or 120 litre capacity**
- > Key panel with hot water capacity indicator, quick-heat button and consumption display, temperature limitation to 40 °C or 60 °C possible
- > Corrosion protection by **titanium-protective enamelling, magnesium protective anode**; high-quality stainless steel heating elements with inspection flange and drain nozzle
- > **Universal connector for single-circuit or economical dual-circuit operation**

	Energy efficiency class C (Scale: A+ to F)			
	SX 50	SX 80	SX 100	SX 120
Part number:	4100-43050	4100-43080	4100-43100	4100-43120
Content [litres]:	50	80	100	120
Type; maximum operating pressure [MPa (bar)]:	unvented; 0.6 (6)			
Water connections (thread connections):	G 1/2"			
Temperature range [°C]:	40 / 60 / 85			
approx. mixed water amount 40 °C ¹⁾ [litres]:	85	142	176	217
Nominal power rating ²⁾ [kW]:	0.75 / 4.5	1.0 / 6.0	1.0 / 6.0	2.0 / 6.0
Voltage [V]:	1~/N/PE 220 – 240 V AC, 2~/N/PE 380 – 415 V AC, 3~/N/PE 380 – 415 V AC ³⁾			
Nominal current ²⁾ [A]:	11	15	15	15
Heating time Δt = 45 K ⁴⁾ [min]:	37 / 220 ⁵⁾	44 / 264 ⁵⁾	55 / 330 ⁵⁾	66 / 198 ⁵⁾
Standby power consumption at 65 °C [kWh / 24h]:	0.59	0.82	0.99	1.14
Internal tank:	steel with protective titanium enamel coating			
Function indicator / hot water capacity indicator:	✓ / ✓			
Push-button control panel / quick-heat button:	✓ / ✓			
Protection class:	IP 24D			
Dimensions (height × width × depth) [cm]:	61 × 53 × 52	84 × 53 × 52	99 × 53 × 52	115 × 53 × 52
Power cable:	☑ permanent connection			
approx. weight filled with water [kg]:	71	106	133	162

1) With an inlet temperature of 15 °C and a content temperature of 65 °C 2) Related to rated voltage 230 V or 400 V 3) Follow the regulations of your local energy provider 4) Temperature increase e.g. from 15 °C to 60 °C 5) Heating time at "Max." or "Min." setting

**Accessories:
Open-outlet taps**



SNT

Two-handle temperature control mixer tap with swivel spout 15.5 cm

SNT: Part no. 4100-0210



SSO

Open-outlet single-lever wall-mounted mixer tap for oversink installation with swivel spout 16 cm

SSO: Part no. 4100-01250



SNO

Two-handle wall-mounted mixer tap with isolating valve, swivel spout 16 cm and flow control

SNO: Part no. 4100-0110

**Aerators for tap adapters, female and male threads
(for small storage water heaters S 5, S 10 and S 15)**

Aerator insert for tap adapter M 22/24 at the tap

CSS: Part no. 0010-00504

Aerator with chrome tap adapter M 22i (suitable for taps with male threads at the outlet)

CSSi: Part no. 89125



**Accessories:
Safety assemblies**



SGU

Undersink safety assembly with non-return valve, pressure reducer and flexible connecting hoses

SGU: Part no. 4100-0013

SGUT

T-piece kit for installation of an additional tap

SGUT: Part no. 4100-0014



SG

Oversink safety assembly (6 bar)

SG: Part no. 4100-0011



SGM

Oversink safety assembly (6 bar), with pressure-reducing valve up to 10 bar

SGM: Part no. 4100-0012





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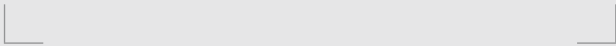
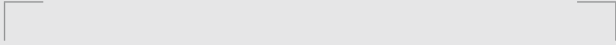


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