

Boiling water heater Hydroboil® Plus



Application areas

Boiling water supply:

- > Offices
- > Canteens / Bistros
- > Restaurants / Hotels
- > Hospitals





Boiling water heater

Hydroboil® Plus

Product information



	boiling > 		
	Hydroboil® Plus 3	Hydroboil® Plus 5	Hydroboil® Plus 7
Part number [case painted white]:	4100-44703	4100-44705	4100-44707
Water connection (thread connection):	G ½"		
Temperature range [°C]:	68 – 100		
Boiling water content [litres / cups ¹⁾]:	3 / 18	5 / 30	7.5 / 45
Boiling water capacity [cups ¹⁾ / h]:	64	110	110
Recovery time [cups ¹⁾ / min]:	1.1	1.8	1.8
Reheating time with complete filling ²⁾ [min]:	17	17	23
Nominal power rating at 1~/N/PE 230 V AC [kW]:	1.4	2.2	2.2
Power supply:	1~/N/PE 230 V AC		
Functional indicator:	✓		
Protection class:	IP 20		
Dimensions height × width × depth [cm]:	43.9 × 30.0 × 18.3	47.3 × 32.9 × 20.1	58.6 × 32.9 × 20.1
Connecting cable:	 with plug		
Weight (filled) [kg]:	12	15	20

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

Description

- > Instant boiling water heater for continuous supply of boiling water
- > The push-lever valve allows an easy dispensing of hot water for a single cup, lifting the lever will conveniently fill a whole jug, with safety lock
- > LCD display and sensor keys for operation and function indicators
- > Patented two-chamber system with heat-insulated plastic container prevents the mixing of cold and hot water
- > Optional energy saver setting (automatic temperature drop to 68 °C after longer periods of inactivity, via light sensor or 24/7 timer)

Push-lever valve

The key valve does not become hot and allows a filling of the cup by finger pressure. The key can be raised for convenient filling of a jug. The use of the safety lock prevents unintentional taping of hot water.

Cup filling by finger pressure



Convenient filling of a jug with raised lever



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Installation



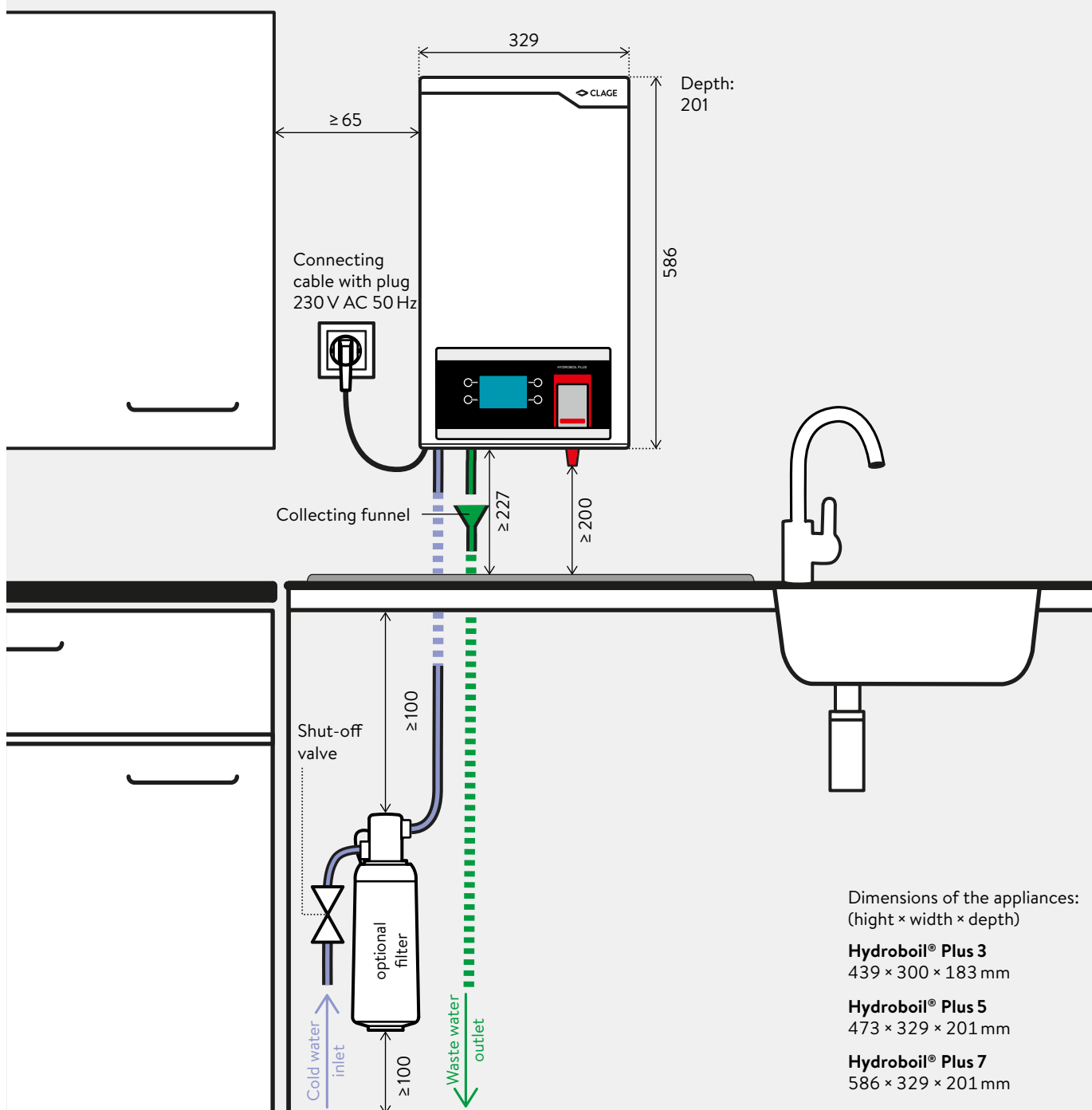
Dimensions in mm

The outlet of the automatic boiling water heater must be located above the sink or the drip tray. The bottom edge of the outlet should not be less than 200 mm above the drip tray. If larger vessels are to be filled, the distance must be increased.

The example shows the installation of a Hydroboil® Plus 7, as flush installation with visible collecting funnel. Alternatively, a surface installation with a pipe section is possible.

For maintenance work, a minimum clearance of 150 mm above, 65 mm left and 20 mm right must be observed.

Assembly and operating instructions must be observed upon installation.

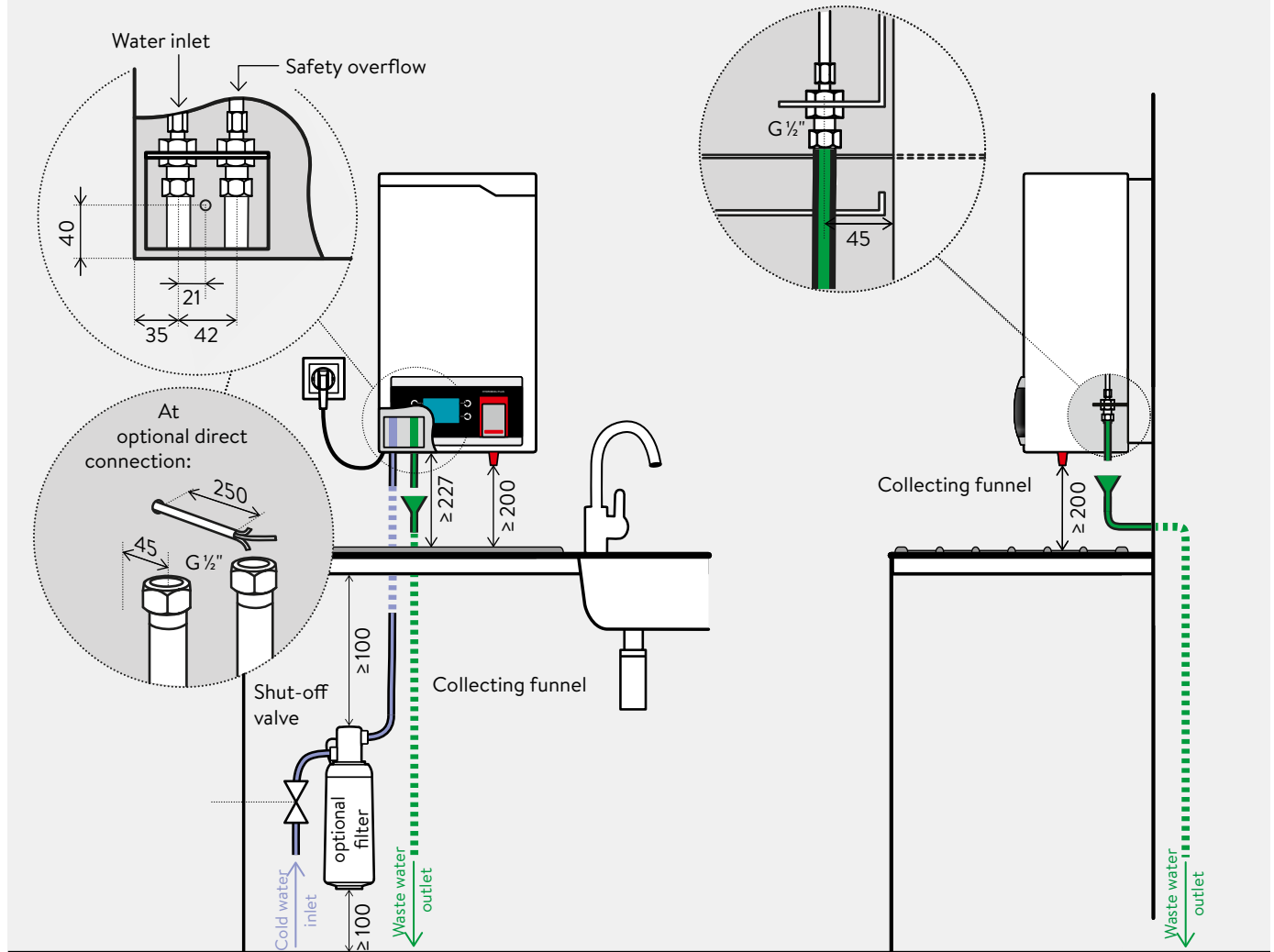


Boiling water heater Hydroboil® Plus Installation

The example shows the water connections when installing a Hydroboil® Plus 7, as flush installation with visible collecting funnel.

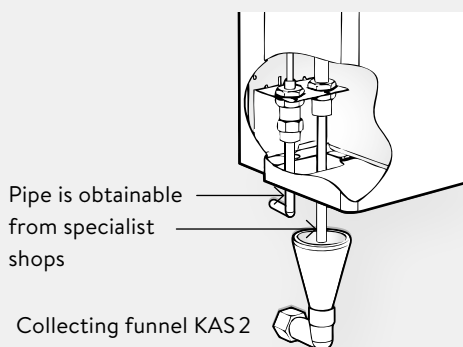
Dimensions in mm

Assembly and operating instructions must be observed upon installation.



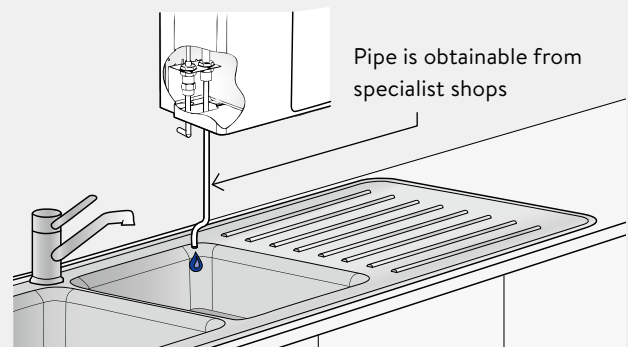
Flush installation with visible collecting funnel

In this case, a commercial funnel must be set for the overflow. The safety overflow must be lengthened by means of a pipe, its end visible outside the appliance leads in the funnel.

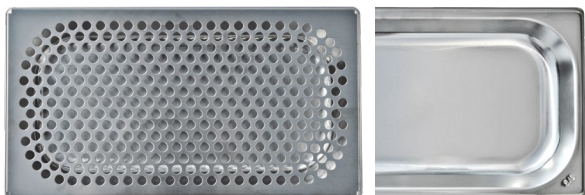


Surface mounting with tube

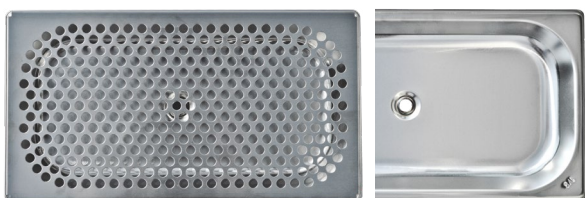
In this case, a 1/2-inch screw connection is used to connect a pipe (Ø = min. 12 mm) to the safety overflow. Its other end leads to the drainage of the sink in a visible place protected from scalding.



Boiling water heater
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Accessories



KAT1 (optional)
Stainless steel-tableau, 32.5 × 17.5 cm
KAT1: Part no. 4100-44080



KAT2 (optional)
Stainless steel-tableau with drain connection,
32.5 × 17.5 cm
KAT2: Part no. 4100-44081



KAS1 (optional)
Collecting funnel for undersink installation, 3/4-inch
KAS1: Part no. 4100-44085



KAS2 (optional)
Collecting funnel for wall installation, 3/4-inch
KAS2: Part no. 4100-44086



KUA flush-mounted connection set (optional)

Conversion kit for the Hydroboil Plus for connection to a ½-inch wall connection when replacing an appliance with a flush-mounted connection.

KUA: Part no.: 883115



Filter system for water softening KKF

For hard, calcareous water, the KKF filter system should also be used (recommended for water from 10 °KH).

Filter head suitable for KKF filters

Filter head FK: Part no.: 845071

Filter cartridge, capacity at 10 °KH 3.000 litres

KKF: Part no.: 845064



Connection set AS-KSF

Connection set for installing the filter to the cold water inlet of the water system or for connecting the tap.

Connection set AS-KSF: Part no.: 845072



AquaBion limescale converter

Maintenance-free limescale converter system with zinc anode and brass housing as an alternative for reducing limescale build-up. For installation directly in the ½-inch cold water inlet of the appliance.

AquaBion: Part no.: 845065