

# Drinking water system Zip HydroTap® G4 BCS



## Application areas

Drinking water supply for:

- > Domestic kitchens
- > Public areas
- > Offices
- > Cafeterias / bistros
- > Restaurants / hotels








# Drinking water system

## Zip HydroTap® G4 BCS

### Product information



	boiling >  chilled + sparkling >  	G4 BCS 100/75	G4 BCS 160/175
Part number:		4100-44279	4100-44280
Number of users:		< 15	< 60
Water connection (thread connection):		G ½" or G ¾" *	G ½" or G ¾" *
Rated pressure [bar]:		2.5 – 7.0	
Boiling water temperature, adjustable [°C]:		68 – 100	68 – 100
Chilled water temperature [°C]:		5 – 10	5 – 10
Boiling water content [litres / cups <sup>1)</sup> ]:		2.3 / 13	3 / 18
Chilled water capacity [glasses <sup>2)</sup> / h]:		75	175
Boiling water capacity [cups <sup>1)</sup> / h]:		100	160
Reheating time [cups <sup>1)</sup> / min]:		1.6	2.6
Standby power consumption [kWh / 24h]:		0.76 <sup>3)</sup>	0.77 <sup>3)</sup>
Nominal power at voltage 1~ / N / PE 230V AC [kW]:		2.15  with plug	2.3  with plug
Compact undersink unit [colour]:		white	
Tap [surface material]:		chrome	
Protection class:		IP 20	
Weight (filled) [kg]:		28	37
Dimensions height × width × depth [cm]:		33.5 × 29.0 × 46.0	33.5 × 45.4 × 47.0

\*) Connection hose G ½" with supplied adapter G ¾" 1) Standard cup with 167 ml 2) Standard glass with 200 ml 3) At 12 hours in standby mode

#### Description

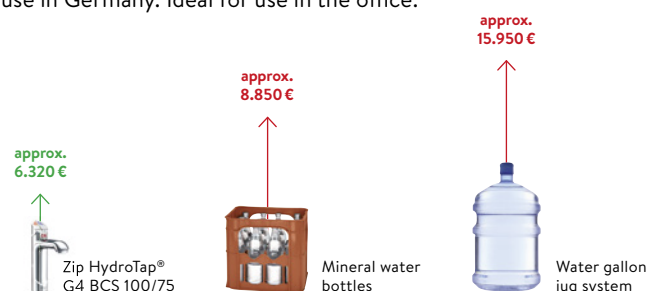
- > Undersink drinking water system, dispenses filtered boiling hot water and chilled still or sparkling drinking water with the touch of a button
- > Electronic dispensing tap with lever operation, function indicators and safety lock for scalding protection
- > Touch display for menu navigation, for activating the energy saver modus and scalding protection as well as temperature setting of the water
- > Locking position of the levers for convenient filling without holding
- > Electronic temperature control
- > Easy-to-replace sub-micron particle filter cartridge with activated carbon filter, filters hazardous substances > 0.2 micron and improves the taste of water
- > Leakage protection system

#### Note on carbonation function <sup>N) SN)</sup>

The CO<sub>2</sub> bottle for producing sparkling water is not included in the scope of supply. This is obtainable from retail outlets or specialist gas dealers. Pressure reducers are available for either SodaClub CO<sub>2</sub> bottles or standard commercial CO<sub>2</sub> bottles with W 21.8 × 1/14 RH thread.

#### Profitability comparison (Source: Internet comparison, 18.11.12)

The comparison shows the total costs of the various systems including purchase, energy and maintenance costs over 5 years of use in Germany. Ideal for use in the office.



#### Calculation basis

Number of users:	15 persons
Number of days in use:	230 working days per year
Usage:	0.9 litres / person and day
Drinking water costs:	4 € per 1.000 litres
Mineral water bottles:	570 € per 1.000 litres
Water gallon jugs:	950 € per 1.000 litres

H) Note: the total quantity of sparkling water depends on the CO<sub>2</sub> bottle used. The carbon dioxide content is a maximum of 5 g per litre, corresponding to medium sparkling water.

SH) Safety note: It must be ensured that an uncontrolled escape of CO<sub>2</sub> gas cannot build up to a hazardous level. There must be a minimum room space of 6.8 square metres per 1 kg CO<sub>2</sub> with a ceiling height of 2.5 m.

# Drinking water system

## Zip HydroTap® G4 BCS

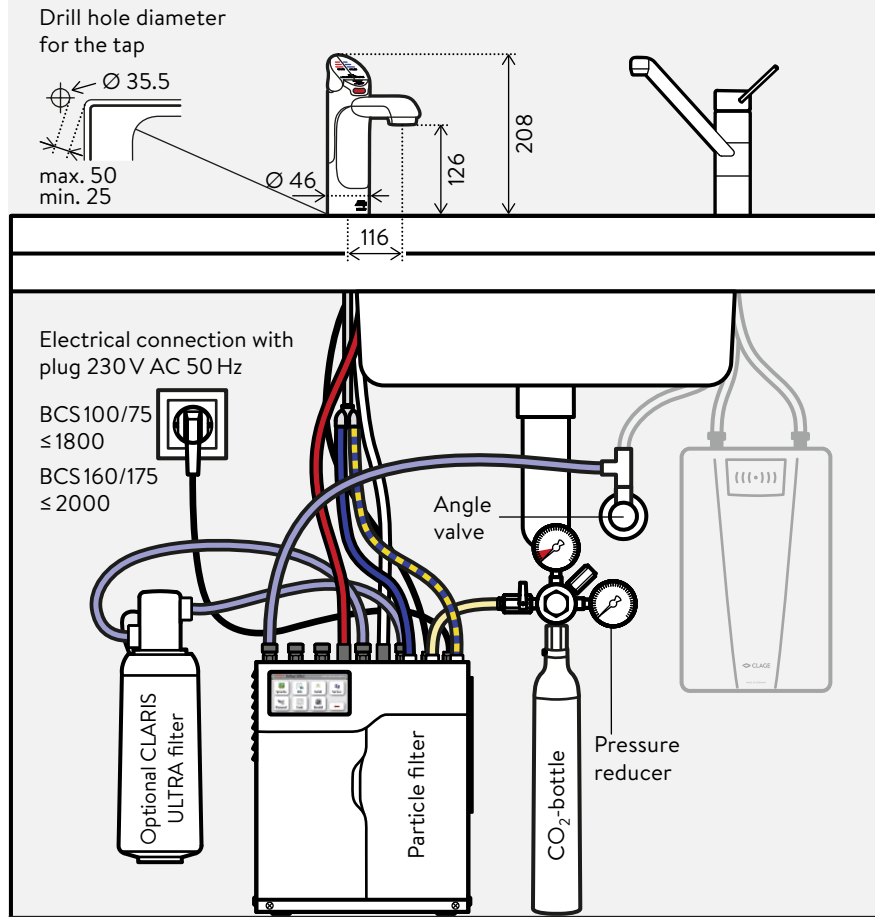
### Installation



Daily user requirements and the available space in the cabinet below the special tap should be considered when selecting the appropriate model. The example below shows the installation with Zip HydroTap® G4 BCS 100/75.

Measurements in mm

Assembly and operating instructions must be observed upon installation.



Unit dimensions:  
(height × width × depth)

Zip HydroTap® G4 BCS 100/75  
335 × 290 × 460 mm

Zip HydroTap® G4 BCS 160/175  
335 × 454 × 470 mm

Top clearance for undersink unit  
(lower edge sink or drawers)  
min. 200 mm

Right and left clearance for unit  
min. 50 mm

Installation at the kitchen sink



Installation as stand-alone unit  
with drainage front and extension KXTV.





**KXF 2.1** (included)

Sub-micron particle filter cartridge filters contaminants > 0.2 microns and additionally improves the taste of the water.  
**For Zip HydroTap® G4 models since 02.2017.**

**KXF 2.1:** Part no. 893702



**Filter system CLARIS ULTRA for water softening** (optional)

For hard, chalky water, the filter system CLARIS ULTRA is to be used (recommended from 10 °KH).

Filter head suitable for all CLARIS ULTRA-filter

**Filter head Universal:** Part no. 84519

Filter cartridge, capacity at 10 °KH 4.200 litre

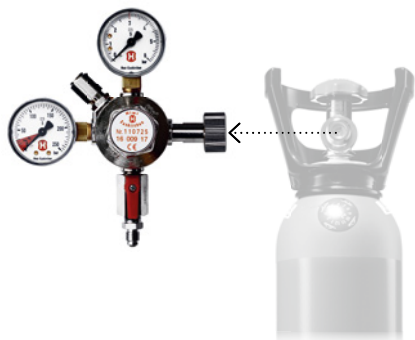
**CLARIS ULTRA 500:** Part no. 84500

Filter cartridge, capacity at 10 °KH 8.500 litre

**CLARIS ULTRA 1000:** Part no. 84501

Filter cartridge, capacity at 10 °KH 20.000 litre

**CLARIS ULTRA 2000:** Part no. 84502



**DMBCS**

Pressure reducer with standard CO<sub>2</sub> connecting thread (½ inch), gas cylinders can be obtained via specialist gas suppliers

**DMBCS:** Part no. 4100-44120



**DMSP**

Pressure reducer with Soda Club connecting thread

**DMSP:** Part no. 4100-44125

**COF** (only available for dispatch within Germany)

CO<sub>2</sub> gas cylinder for Soda Club connecting thread

**COF:** Part no. 9910-90005

# Drinking water system

## Zip HydroTap® G4 BCS

### Accessories



#### KXA (optional)

The Zip HydroTap® units are delivered with a polished chrome tap finish. Optional available finishes for KXA taps:

Polished chrome (standard)	<b>KXA 10:</b> Part no. 4100-44150
Brushed chrome (only for BCS)	<b>KXA 20:</b> Part no. 4100-44151
Polished black (only for BCS)	<b>KXA 30:</b> Part no. 4100-44152
Matte black (only for BCS)	<b>KXA 40:</b> Part no. 4100-44153



#### KXV (optional)

The optional chrome extension allows for raising the electronic dispensing tap by 10.7 cm.

Polished chrome (standard)	<b>KXV 10:</b> Part no. 4100-44102
Brushed chrome (only for BCS)	<b>KXV 20:</b> Part no. 4100-44160
Polished black (only for BCS)	<b>KXV 30:</b> Part no. 4100-44161
Matte black (only for BCS)	<b>KXV 40:</b> Part no. 4100-44112



#### KXTV (optional)

The optional stainless steel font with drainage connection and chrome extension allows for flexible installation of the electronic dispensing tap at any location away from the sink.

Polished chrome (standard)	<b>KXTV 10:</b> Part no. 4100-44111
Brushed chrome (only for BCS)	<b>KXTV 20:</b> Part no. 4100-44113
Polished black (only for BCS)	<b>KXTV 30:</b> Part no. 4100-44114
Matte black (only for BCS)	<b>KXTV 40:</b> Part no. 4100-44116



#### AIO (optional)

This close-outlet tap is a true all-rounder, combining all function of the BCS tap with the additional option to dispense conventional tap water at the desired temperature with a side lever as usual. No additional fixture is necessary for regular tap water.

**AIO:** Part no. 4100-44112

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#### **DTK** (optional)

The digital temperature controller for Zip devices is used to keep the temperature in the cupboard under 35 °C when normal ventilation is not sufficient. The digital controller operates independently of the undersink unit and will require a separate 230 V socket.

**DTK:** Part no. 893159



#### **KXB** (optional)

Plastic installation kit for G4 BCS160/175, allows for easier installation of ventilation in the base cabinet. Dimensions (H × W × D): 4.0 × 49.5 × 50.0 cm.

**KXB:** Part no. 893450