

WATER DISPENSING SYSTEMS



Drinking water makes us productive and is healthy.



Our body is made of 60% water, which is why drinking is so important in order to always be able to perform at work, in leisure time or at school.

Almost half of all people don't drink enough in their day-to-day lives. Our body needs at least 1.5 - 2 litres of water every day to be healthy. Most of the time, it's just convenience and lack of time that stop us from drinking enough. But just the constant availability of water, in the form of a water dispenser for example, encourages people to drink enough. Tap water and mineral water are the best alternatives, as well as the most cost-effective, in the choice of drinks. In many places, the quality of the tap water is even better than some bottled mineral water.

With Selbach water dispensers, you can enjoy cool, refreshing sparkling or still water at the push of a button, do away with undesirable empty bottles and even save money in the process. Our systems are easy to use and, thanks to our hygiene concept, are easy to clean. Carrying heavy boxes is no longer necessary and you do some good for the environment at the same time since there are no long transport distances and no waste is produced. This also allows you to save on storage and delivery costs.

Our table water systems can be used in a very wide range of applications, such as:

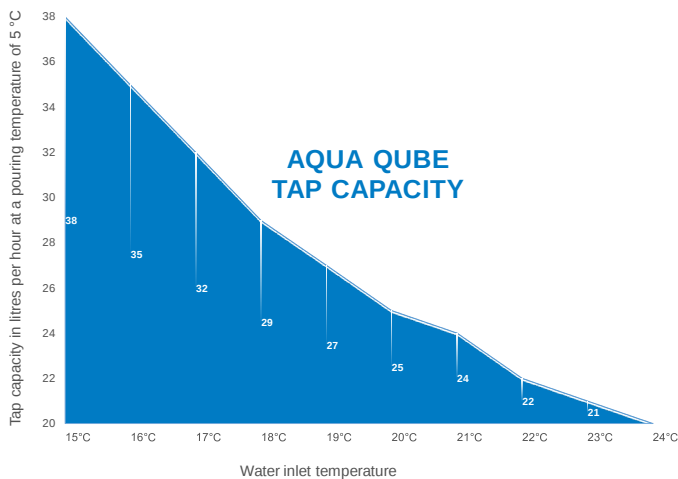
- Businesses
- Waiting rooms
- Hotels
- Law firms
- Fitness areas
- Nurseries / schools
- Retail areas

Recommended amount of water per day

Age	Litres
0 to 12 months	0.4 to 0.6 litres
1 to 14 years	0.8 to 1.3 litres
Adult	1.5 to 2 litres

Source: Deutsche Gesellschaft für Ernährung e. V., Bonn, www.dge.de

Development and production in Germany



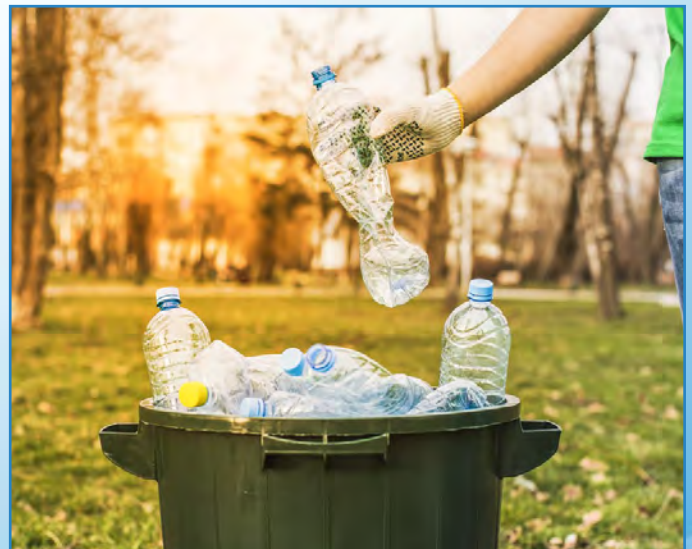
Selbach water dispensers are exclusively developed and produced in Germany. The distinctive features of the Selbach devices include the fully insulated carbonator tank, the particularly high tap capacity and carbonation of up to 7.5 grams of CO₂/litre.

Selbach water solutions also offer:

- Efficient cooling / cold transmission in a PU foam-insulated aluminium dry cooler
- Fully insulated carbonator container
- Long service life with low operating costs

In comparison to tap water, bottled water has a very poor environmental footprint. The transportation of a bottle of water which can be bought in the supermarket generally consists of multiple steps which all take a significant amount of energy. Bottled water is often transported to the consumer from approx. 200 km away and thus generates energy consumption of 0.12 litres of oil per litre of water. The water sometimes comes from a distance of up to 1,000 km and thus has an energy consumption of up to 0.32 litres of oil per litre of water. Water from the tap, on the other hand, has an energy consumption of just 0.0003 litres of oil per litre of tap water.

Cost-effective and environmentally friendly



AQUA countertop units - Dry cooling



AQUA QUBE® with push button control

Black/VA (1/5 PS), with push button control, two beverage lines for cooled still and CO₂-enriched sparkling water, with drip-tray. Carbonator and cooler in a basic version. Pour still and sparkling water from the tap. It's simple with the AQUA QUBE® water dispenser. With coolant R290: environmentally friendly and energy efficient.

- Operation at the touch of a button
- Fully electronic control system
- Stabilisation of the drip tray with a magnetic head
- Individual colour scheme from 25 units
- Advertising space for presentation of your own brand (from 10 units)

Lines	Model	Art. no.
2	black/VA, with push buttons, for Still und CO ₂	14-7123-0002-000



Base cabinet for AQUA QUBE®

Matching base cabinet for AQUA QUBE countertop cooler. Available in black. Cladding is powder-coated steel, internal parts made from VA. Sufficient storage space for CO₂ cylinders and other accessories. The cylinder holder is permanently attached. The cabinet is lockable.

Storage space: 104 litres, Dimensions W/D/H: 395/500/1050 mm.

Details	Art. no.
black, with attached cylinder holder	34-0640-0650

i Compressor volume 62 dB:
Quieter than most automatic coffee machines: at full compressor power (ambient temperature of 32 °C, 67% humidity) the volume is that of a normal conversation (approx. 60 dB). In standby mode, the AQUA QUBE is almost silent.



Poseidon CT 30

The water unit POSEIDON (1/5 PS) consists of a powder-coated sheet steel shell and a plastic fascia. Its shapely „wave“ design makes this tabletop dispenser a focal point in any space. Two electric push buttons provide the ability to dispense still or carbonated table water. Supplied with drip tray and 2 electric premix taps (5 mm i.d.).

Lines	Model	Art. no.
2	with wave front, for Still and CO ₂	14-7104-0002-000



Poseidon CT 30 with base cabinet

The water unit POSEIDON combined with a base cabinet. The cabinet consists of a steel shell and a „one-cast“ plastic panel in silver-gray metallic look. It offers storage space for the CO₂ bottle (bottle holder integrated) and for the water filter and makes the POSEIDON anywhere installable! To fix the cabinet, there are holes for anchoring in the base plate. Interior volume: 112 liters, dimensions (W/D/H): 305/540/993 mm. Door with magnetic closing mechanism.

Lines	Model	Art. no.
2	with wave front, for Still and CO ₂ , with base cabinet	14-7105-0002-000

Technical details	AQUA QUBE	Poseidon CT 30
Electrical connection values	230 V / 50 Hz / 500 W	230 V / 50 Hz / 395 W
Current	2,7 A	1,8 A
Ready to use in	5 minutes	5 minutes
Tap capacity at Δt 10K	38 l/h	38 l/h / 442 W
Tap capacity at Δt 20K*	19 l/h	19 l/h
W/D/H	395/500/504 mm	305/540/505 mm
Drop height	-	300 mm
Weight	39,5 kg	28 kg

*Beverage dispensing temperature +4°C, beverage inlet temperature +24 °C, ambient temperature +24 °C

AQUA countertop units – Dry cooling



OTZG CT 30 type Stockholm

Stainless steel water dispenser (1/5 hp) with two rapid taps and a drip tray (positionable). Choose between still or carbonated water. Delivery with two rapid taps (5 ID) and a drip tray. All parts which come into contact with carbonated water are made from high-quality stainless steel. Individually adjustable dispensing temperature and adjustable CO₂ content in the water. With refrigerant R290: environmentally friendly and energy efficient.

Lines	Model	Art. no.
2 lines	Stainless steel, 2 rapid taps and a drip tray	14-7101-0002-000



OTZG CT 60 type Stockholm

High-performance stainless steel water dispenser (3/8 hp) with two rapid taps and a drip tray (positionable). Can quench the thirst of approx. 50-100 people. Choose between still or carbonated water. All parts which come into contact with carbonated water are made from high-quality stainless steel. Individually adjustable dispensing temperature and adjustable CO₂ content in the water. With refrigerant R290: environmentally friendly and energy efficient.

Lines	Model	Art. no.
2 lines	Stainless steel, 2 rapid taps and a drip tray	14-7201-0002-000

Technical details	CT 30 Stockholm	CT 60 Stockholm
Electrical connection values	230 V / 50 Hz / 395 W	230 V / 50 Hz / 540 W
Current	2.3 A	3.4 A
Ready to use in	5 minutes	5 minutes
Tap capacity	38 l/h / 442 at Δt 10K	53 l/h / 616 W at Δt 10K
W/D/H	430/495/500 mm	430/495/500 mm
Drop height	330 mm	330 mm
Weight	28 kg	30 kg



CW 220 Warm carbonator

The carbonator adds CO₂ to the water without refrigeration. The large, powerful carbonator pump and large carbonator head achieves excellent pump performance for carbonated water. If necessary, you can also connect a dispensing tower or a cooling unit of your choice. Space-saving and compact design.

- Brass pressure pump
- Contactless level control
- Low-pressure low water indicator
- Backflow prevention

ID	Model	Art. no.
7 mm	Without still water control	04-0111-0000-000
7 mm	With still water control	04-0112-0000-000

Technical details	Warm carbonator CW 220
Electrical connection values	230 V / 50 Hz / 180 W
Current	2.3 A
Tap capacity	220 l/h
W/D/H	210/380/360 mm
Weight	19.5 kg

Number of stainless steel lines: 1 (2 if still water control is included)

Water inlet flow pressure: 2.5 bar (the water inlet flow pressure must be ensured during installation by way of a water pressure regulator)

Drinking water inlet connection: 3/8"

CO₂ inlet pressure: 4 bar (the CO₂ inlet pressure must be ensured during installation by way of a pressure regulator)

CO₂ inlet connection: 1/2" BSF

Water outlet connection: 1/2" BSF

Still water outlet connection (if still water control included): 1/2" BSF

AQUA under-counter units – Dry cooling



UTK CT 20

The UTK CT 20 dry carbonator is designed as a compact under-counter device for the production of table water. It is connected to the drinking water system. Regardless of whether you use the relevant dispensing tower for still water and sparkling water, or connect it to an existing dispensing system: cold water is guaranteed! Equipped with manual temperature control, exhaust air duct and a CO₂ bottle holder on the side. Compact, service-friendly design.

- Production of chilled still water and sparkling water with a high CO₂ concentration
- Perfect for dispensing water e.g. in offices (kitchen base cabinet), at smaller events, etc.
- High-quality, sturdy, stainless steel housing
- Highly energy efficient and prevents condensation build-up thanks to insulation of the water tank with PU foam

Refrigerant R290: environmentally friendly and energy efficient.

Lines	Model	Art. no.
2 lines	Stainless steel, for still water and carbonated water	14-9139-0002-000



UTK CT 30 Stockholm

Under-counter cooling unit for water (1/5 hp). Fresh, cool water available at all times. Carbonated and not carbonated (two beverage lines, 5 mm ID). Tap capacity for a low to medium demand. The under-counter water cooling units (dry carbonators) are used in combination with a dispensing tower. They are suitable for installation into existing counters or cabinets. The system is easy to install, easy to use and easy to clean. With manual temperature control. All components which come into contact with water are made from high-quality stainless steel. Refrigerant R290: environmentally friendly and energy efficient.

Lines	Model	Art. no.
2 lines	Stainless steel, for still water and carbonated water	14-5102-0002-000



UTK CT 60 Stockholm

High-performance under-counter cooling unit (3/8 hp) for water. Fresh, cool water available at all times. Carbonated and not carbonated (two beverage lines, 5 mm ID). Tap capacity for a medium to high demand. The under-counter water cooling units (dry carbonators) are used in combination with a dispensing tower. They are suitable for installation into existing counters or cabinets. The system is easy to install, easy to use and easy to clean. With manual temperature control. All components which come into contact with water are made from high-quality stainless steel. Refrigerant R290: environmentally friendly and energy efficient.

Lines	Model	Art. no.
2 lines	Stainless steel, for still water and carbonated water	14-5201-0002-000



UTK CT 100

High-performance dry carbonator for cooling and carbonating water. Large carbonator container and therefore very high CO₂ volumes. Small, compact design. Process-controlled level control uses the single sensor method to ensure a constant supply of high-quality carbonated water. 2 beverage lines: Design 1x still water, 1x CO₂ H₂O. With manual temperature control. Refrigerant R290: environmentally friendly and energy efficient. The carbonator can also be used in the post-mix sector. Additional syrup cooling lines then required.

Lines	Model	Art. no.
2 lines	Stainless steel, for still water and carbonated water	14-4502-0020-000

Technical details	UTK CT 20	UTK CT 30	UTK CT 60	UTK CT 100
Electrical connection values	230 V / 50 Hz / 310 W	230 V / 50 Hz / 420 W	230 V / 50 Hz / 540 W	230 V / 50 Hz / 1350 W
Current	1.7 A	2.7 A	3.4 A	7.5 A
Ready to use in	10 minutes	5 minutes	5 minutes	10 minutes
Tap capacity	43 l/h at Δt 6K 14 l/h at Δt 20K	39 l/h at Δt 10K	58 l/h at Δt 10K	80 l/h at delta t 10 K 40 l/h / 930 W (at delta t 20K continuous output)
W/D/H	265/335/425 mm	413/285/456 mm	413/285/456 mm	515/430/625 mm
Compressor noise level	70 dB	60 dB	62 dB	69 dB
Weight	27 kg	28 kg	28 kg	90 kg



Quieter than most automatic coffee machines. At full compressor power (ambient temperature of 32 °C, 67% humidity) the volume is that of a normal conversation (approx. 60 dB). In standby mode, the units are almost silent.

AQUA under-counter units – Wet cooling



UTK AQUA 50

Wet carbonator (1/5 hp) for table water and still water with line cooling. The UTK AQUA 50 wet carbonator is designed as a compact under-counter unit for producing table water. The unit is connected to the drinking water network. Regardless of whether you use the relevant dispensing tower for still water and table water, or connect it to an existing dispensing system: cold water is guaranteed with the AQUA product!

- Production of chilled still water and table water with a high CO₂ concentration
- Perfect for dispensing water
- High-quality, sturdy, stainless steel housing, tank made from stainless steel 4301
- Highly energy efficient and prevents condensation build-up thanks to insulation of the water tank with PU foam
- Compact design
- The integrated pump also allows line cooling all the way to the tap

Lines	Model	Art. no.
2 lines	for carbonated water and still water, with line cooling	14-1102-0002-000



UTK AQUA 70

Wet carbonator (3/8 hp) for table water and still water with line cooling. The UTK AQUA 70 wet carbonator is designed as a compact yet powerful under-counter unit for producing table water. The unit is connected to the drinking water network. Regardless of whether you use the relevant dispensing tower for still water and table water, or connect it to an existing dispensing system: cold water is guaranteed with the AQUA product!

- Production of chilled still water and table water with a high CO₂ concentration
- Perfect for dispensing water
- High-quality, sturdy, stainless steel housing, tank made from stainless steel
- Highly energy efficient and prevents condensation build-up thanks to insulation of the water tank with PU foam
- Compact design
- The integrated pump also allows line cooling all the way to the tap

Lines	Model	Art. no.
2 lines	for carbonated water and still water, with line cooling	14-1301-0002-000



Technical details	UTK AQUA 50	UTK AQUA 70
Electrical connection values	230 V 50 Hz 280 W	230 V 50 Hz 453 W
Current	1.8 A	3.5 A
Ready to use in	35 minutes	40 minutes
Tap capacity at Δt 6 K*	67 l/h	100 l/h
Tap capacity at Δt 20 K**	17 l/h	35 l/h
Waterbath	14 l	27 l
W/D/H	500/305/484 mm	530/310/520 mm
Weight	28 kg	45 kg
Number of stainless steel lines	2	2
Line diameter (internal)	7 mm	7 mm
Compressor power	1/5 hp	3/8 hp
Cooling capacity	391 W	707 W
Temperature control	Electronic regulator with Bluetooth control and data logging option	
Water inlet flow pressure	2.5 bar (the water inlet flow pressure must be ensured during installation by way of a water pressure regulator)	
CO ₂ inlet pressure	4 bar (the CO ₂ inlet pressure must be ensured during installation by way of a pressure regulator)	
Drinking water inlet connection	3/8"	3/8"
CO ₂ inlet connection	1/2" BSF	1/2" BSF
Table water outlet connection	1/2" BSF	1/2" BSF
Still water outlet connection	1/2" BSF	1/2" BSF
Line cooling pump (type A)	6 m climbing height/ 20 m length	6 m climbing height/ 20 m length

* Cooling capacity [l/h] at a delta-T of 6 K (14 to 8°C), at an ambient temperature of 24°C

** Cooling capacity [l/h] at a delta-T of 20 K (24 to 4°C) in accordance with DIN 6653-4, at an ambient temperature of 24°C

AQUA accessories



Water filtration station

Water filtration station QL 3 (filter cartridge not included)

Model	Art. no.
Complete with pressure gauge and pressure regulator	22-0215-0001



MC² filter cartridge

Prevention of bacteria build-up thanks to silver ions, capacity for approx. 34,000 litres, dimensions in mm Ø x H: 82.5 x 527. Flow speed: 6.3 litres per minute, filtration: up to 0.2 µm. The water filter works according to the precoat filter process. Germicidal and germ reducing.

Model	Art. no.
Prevention of bacteria build-up	97-0011-0000



4C filter cartridge

Activated charcoal, removes odorous substances and flavour carriers, capacity for approx. 11,355 litres, dimensions in mm Ø x H: 82.6 mm x 368 mm, flow speed: 1.9 litres per minute, filtration: up to 0.5 µm. The water filter works according to the precoat filter process.

Model	Art. no.
Removes odorous substances and flavour carriers	97-0010-0000

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