



ALL-IN-ONE WATER SYSTEM

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- 1 Top performance sparkling, chilled and boiled water
 - 2 Optimized dimensions to fit into standard kitchen cabinets
 - 3 Our partners benefit from consumable sales (water filter and/or CO₂ cylinder)
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The All-in-One Water System can be installed perfectly in the kitchen cabinet. It enables the user to directly tap boiling, chilled, filtered and sparkling water out of the kitchen faucet. The desired type of water can be selected via a multi-functional faucet and tapped instantly.

Furthermore the offering is completed by boilers and chilling/sparkling units.



BOILING WATER



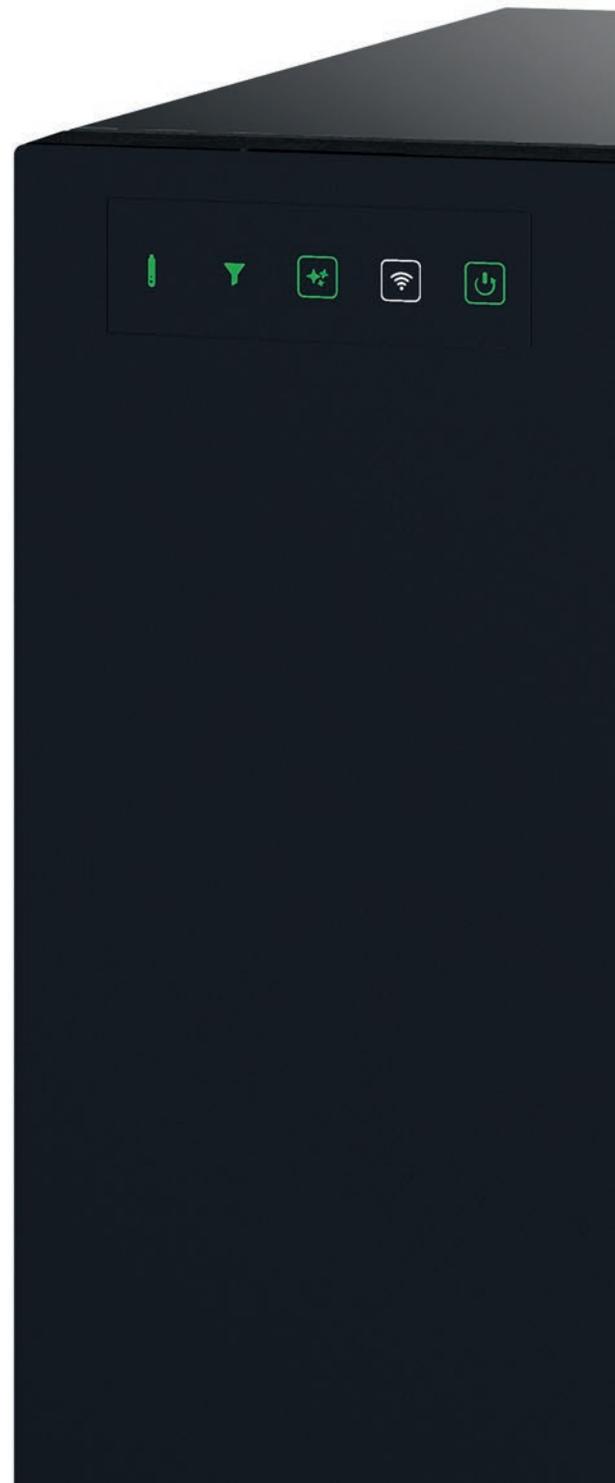
FILTERED WATER



SPARKLING WATER



CHILLED WATER



OVERVIEW



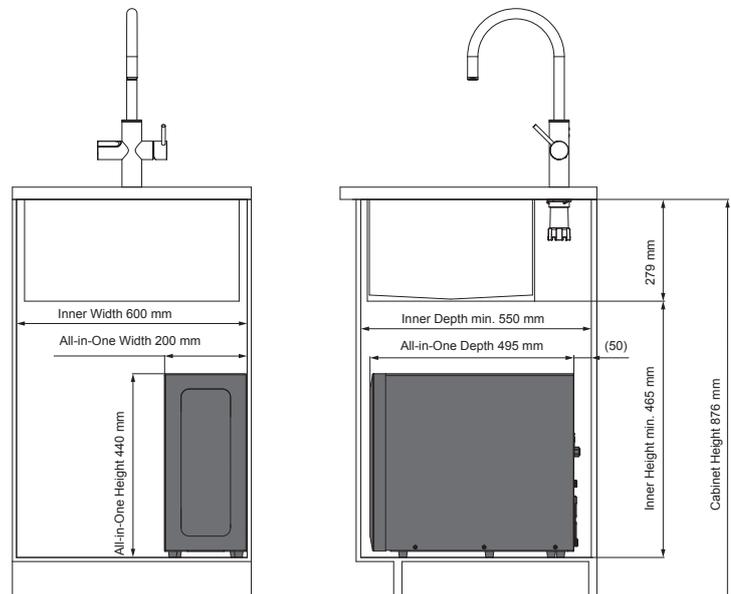
All-in-One (CWU) available

All-in-One (CWU) mini available 2025

TECHNICAL SPECIFICATIONS

CONDITION WATER SYSTEM

Version	CARBO CHILLER (CCU)			ALL IN ONE (CWU)			
	 SPARKLING WATER	 CHILLED WATER	 FILTERED WATER	 BOILING WATER	 SPARKLING WATER	 CHILLED WATER	 FILTERED WATER
Height	440 mm						
Width	200 mm						
Depth	495 mm (525 mm with connectors)						
Net weight (empty)	18 kg			20 kg			
Full weight (filled)	21 kg			27 kg			
System working pressure water	1-10 bar						
System working pressure CO ₂	5 bar						
Flow rate with faucet and compensator	2.0 l/m @ 3 bar						
Plug	EU version = Type E+F acc. to CEE/7 UK version = Type G acc. to BS 1363						
Max. power consumption	230 W (± 10%)			1725 W (± 10%)			
Standby power consumption	5.5 W			19 W			
Power consumption in holiday mode @ 20 °C ambient temperature	1.9 W			8 W			
Power supply	230 V (50 - 60 Hz)						
Ambient temperature	10 - 32 °C						
Protection	IPx1						
Certifications	CE						



FILTERED BOILING WATER (ONLY ALL IN ONE, CWU)

Volume of reservoir	4.0 l
Temperature control range (adjustable via App)	EU = approx. 60-105 °C UK = approx. 60-98 °C
Tap volume boiling (at sea level, max temperature setting)	EU = approx. 2.6 l above 99 °C UK = approx. 2.6 l above 95 °C
Boiling time	15 min



BOILING WATER



FILTERED WATER

FILTERED CHILLED WATER

Volume of reservoir	2.2 l
Temperature control range (not adjustable)	approx. 4 - 10 °C
Tap volume chilled	approx. 1.7 l below 10 °C
Cooling time	$\Delta T = 10 \text{ K}$ in 8 min (25 °C to 5°C approx. 35 min)
Cooling principle	direct cooling
Cooling refrigerant	R290 - 35 g



CHILLED WATER



FILTERED WATER

SPARKLING WATER

Volume of reservoir	0.6 l
Temperature control range (not adjustable)	approx. 4 - 10 °C
Tap volume sparkling	approx. 2.2 l below 10 °C
Cooling principle	tank-in-tank setup
Carbonation level	approx. CO ₂ content 5.0 - 5.5 g/l
CO ₂ cartridges	standard 425 g CO ₂ cylinder integrated optional port for external CO ₂ cylinder



SPARKLING WATER



CHILLED WATER



FILTERED WATER



BASIC BOILER

Volume of reservoir	4.0 l	7.0 l
Height	340 mm	494 mm
Width	229 mm	
Depth	229 mm	
Weight	4.5 kg	5.7 kg
System working pressure	1-10 bar	
Power supply	230 V (50 Hz)	
Max. power consumption	1650 W ($\pm 5\%$)	
Standby power consumption	14 W	17 W



BOILING
WATER

BOILING WATER DEVICES

Suitable for electronic or mechanical faucets

Boiling water 100°C (energy saving system)

Small and compact with easy installation
(Plug&Play)

The Boiler can boil tap water. The system is designed for indoor use in a private kitchen, usually installed in a kitchen cabinet. It may also be used in semipublic places, such as staff kitchen in stores, offices, or other business establishments, if the performance limitations are observed. Available in 4 liter and 7 liter.

4 LITER



7 LITER



TITANIUM
MATT



WHITE
MATT



INDIVIDUAL
COLOUR



INDIVIDUAL
LOGO

MULTI-FUNCTIONAL FAUCETS

- 1 Smart electronic controls with programmable features
- 2 Touchless sensor options for ambient water dispensing
- 3 Optional integrations into customers faucet design

The various options to dispense boiling, carbonated, chilled and/or filtered water require a user-friendly interface. Safety, hygiene and functionality are the main factors of a top design. Combining ease-of-use and ease-of-installation.



TOUCH DISPLAY



FORMS+COLORS



Also available: flex-spout semipro or pull-out spray



**STAINLESS STEEL
MATT**



**CHROME-PLATED
GLOSSY**



**BRASS
GLOSSY**



**BLACK
MATT**

HUMAN MACHINE INTERFACES (HMI)

All platform faucets can be equipped with any HMI.

Alternatively these HMI's can be integrated into your stylish faucet design.



**PUSH-TURN
KNOB**



**TOUCH
PAD**



**TOUCH
DISPLAY**



**CUSTOMIZED
TOUCH DISPLAY**

CONSUMABLES



DEPENDING ON THE BUSINESS MODEL THERE ARE DIFFERENT BUSINESS OPPORTUNITIES FOR OUR OEM PARTNERS.

Filter with RFID chip ensures the proper exchange once a year or after certain amount of water has flown through

CO₂ cartridge is required to exchange once emptied (depending on use and size of cylinder), optionally with RFID reader as well

The RFID chip ensures that the user only uses the dedicated filter from our OEM partners which can not be guaranteed with mechanical locking system



POTENTIAL RECURRING INCOME

96 gal / 15 gal/CO₂ cartridge = 6.4 CO₂ cartridge a year times \$ 15 = \$ 90 a year

Filter exchange once a year = \$ 80

Total recurring income \$ 90 + \$ 80 = \$ 170 a year per sold device

EXAMPLE BUSINESS CASE

4 person household with undersink device including filter and CO₂ cartridge

Every person drinks 250 ml (8 oz) of sparkling water a day, 365 l (96 gal) a year

CO₂ cartridge capacity is 60 l (15 gal) of sparkling water, revenue \$ 15

Filter change every year, \$ 80 revenue



COMMUNICATION

THE UNDERSINK DEVICES ALLOW CERTAIN SETTINGS AND MONITORING VIA APP. THE APP MAY BE COSTUMIZED TO THE INDIVIDUAL REQUIREMENTS. MAIN FEATURES ARE:

Set temperature of chilled and boiling water, as well as CO₂ level of sparkling water

Set volume which should flow out of the faucet

Display status of CO₂ cartridge and filter

Define presets for the buttons on the faucet (bottle fill or glass fill)

Customize safety functions

Display statistics

E-commerce compability

**EXAMPLE FOR APP LAYOUT:
CAN BE CUSTOMIZED ACCORDING
CUSTOMERS' CI/CD**



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YOUR RELIABLE PARTNER FOR INTELLIGENT WATER SOLUTIONS

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