
QUATREAU™ SmartTap User Guide

QUATREAU SMARTTAP USER INSTRUCTIONS

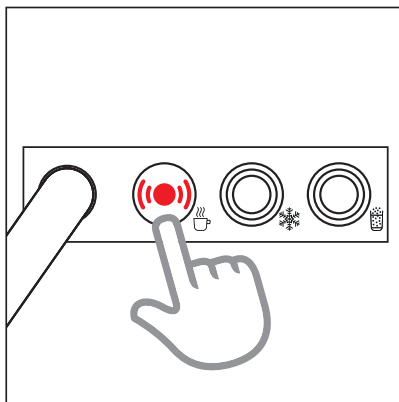
Please read this guide thoroughly
before using your Quatreau SmartTap.

TAP FUNCTIONS: BOILING WATER WITH TOUCH SAFETY SEQUENCE

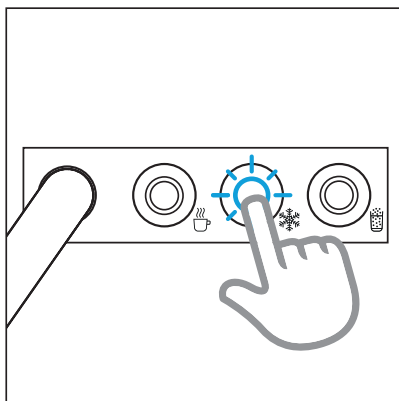
For your safety and to prevent accidental use, the boiling function has a safety switch that needs to be released to activate the flow of boiling water.

1. Depress and **hold** boiling (red).
2. Depress and **release** the chilled button (blue).
3. Fill you cup then **release** the boiling (red) button to stop.

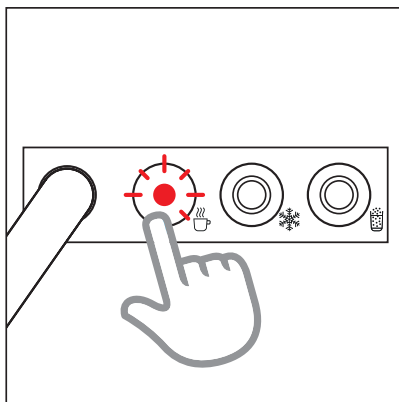
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QUATREAU SMART TAP USER GUIDE

**Please read this guide thoroughly
before using your Quatreau tap.**

1.0 INTRODUCTION

Quatreau Tap Systems are designed as a modular system for ease of installation. 553B the boiler and control centre sits to the right of the chiller unit with interconnections joining the two modules.

PurityPRO sits to the right of the 553B offering purified water supply for boiling, chilled and sparkling water. Or It can deliver directly into the chiller carbonator module Q-CS20/50 and take the return feeds directly to the SmartTap of choice.

The following document is a guide to allow you to familiarise yourself with the Quatreau SmartTap System.

2.0 QST-553-B

This is the control centre with boiler with integral Stage 1 Pureh2o Activated Carbon filter and CO2 gas module are attached to the front for ease of service.

QST-CS20/50

This is the Chiller Carbonator unit that takes its water source from and feeds chilled and sparkling water back into the 553-B, that controls delivery to the tap. The chiller must have ventilation cut into the base of the cupboard and small space around for air movement.

PURITYPRO FOR REMOVAL OF SCALE & IMPURITIES FROM YOUR TAP WATER

Hard water and other water borne impurities cause scale, long term damage and unsightly scum on the surface of beverages. These can be effectively removed using the Pure H2O Company's unique Reverse Osmosis water purification system the PurityPRO. 99.99% of inorganic and organic tap water impurities are removed leaving your drinking water purer than all bottled water brands and a great taste.

To upgrade call 01483 617000 or visit www.pureh2o.co.uk

3.0

SWITCHING ON THE SYSTEM

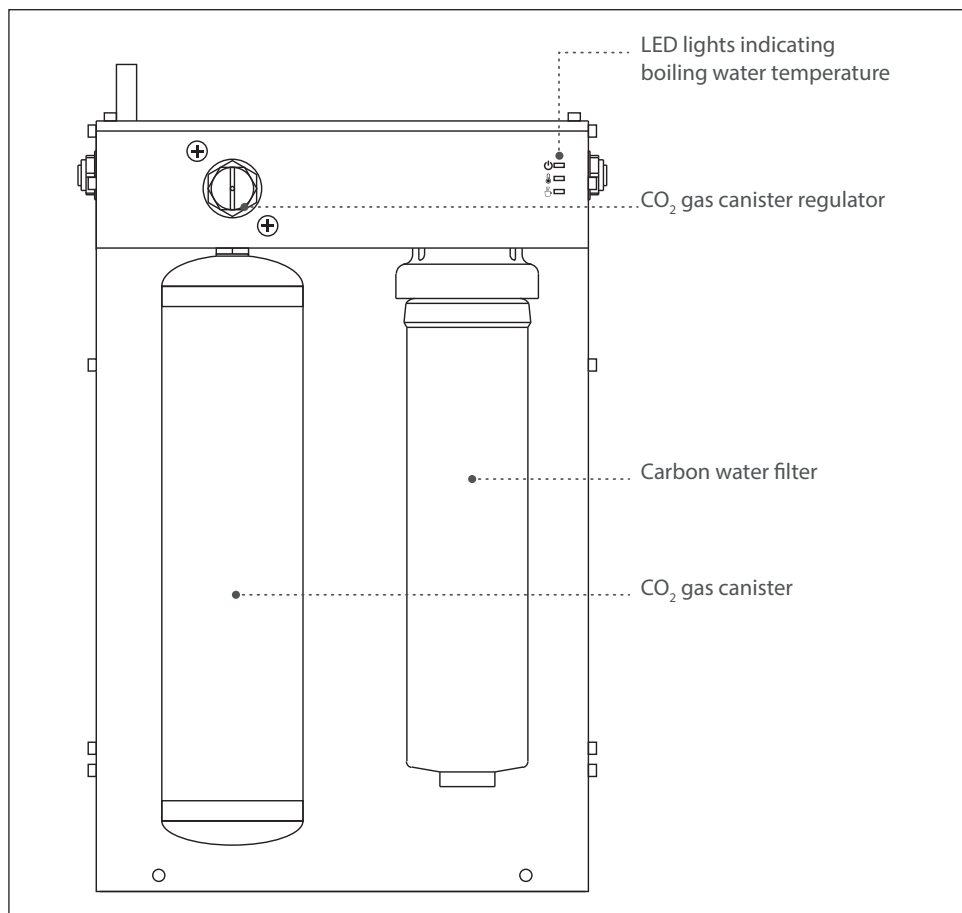
Four stage light indicator

At the top right on the front of the unit there are four LED lights:

- RED** power on to boiler when temperature drops to 94C
- AMBER** heating
- GREEN** temperature reached 97C-98C
- BLUE** leak detector

Note:

The system can deliver 15 mugs of boiling water at 97-98C before any drop in temperature. If 15 mugs are drawn in one go the recovery time is 5-8 minutes. in normal use (offices of 10-30 people) its unlikely that a drop in temperature will be detected. For larger offices, catering for 30+ people we recommend the QST-653-B, our infinite model. This unit can cope with an almost unlimited demand.



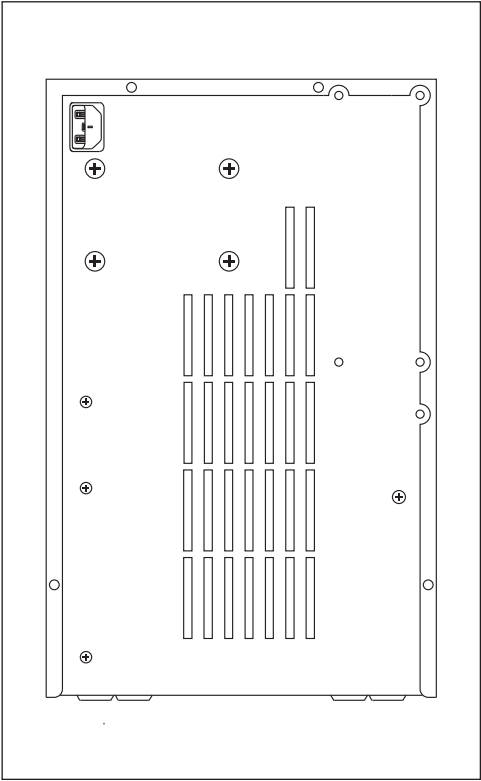
4.0

QUATREAU CS (CHILLER CARBONATOR)

The QC20 & QC50 chillers produce chilled water down to 4C or below through a direct chill system at the rate of 20 & 50 ltrs/hr

The QCS20 & QCS50 chiller carbonators produce chilled and sparkling water down to 4C or below at the rate of 20 & 50 ltrs/hr.

It is possible to draw more (almost twice) than the specified volume albeit at a higher temperature.



5.0

TAP FUNCTIONS:

SPARKLING FILTERED WATER

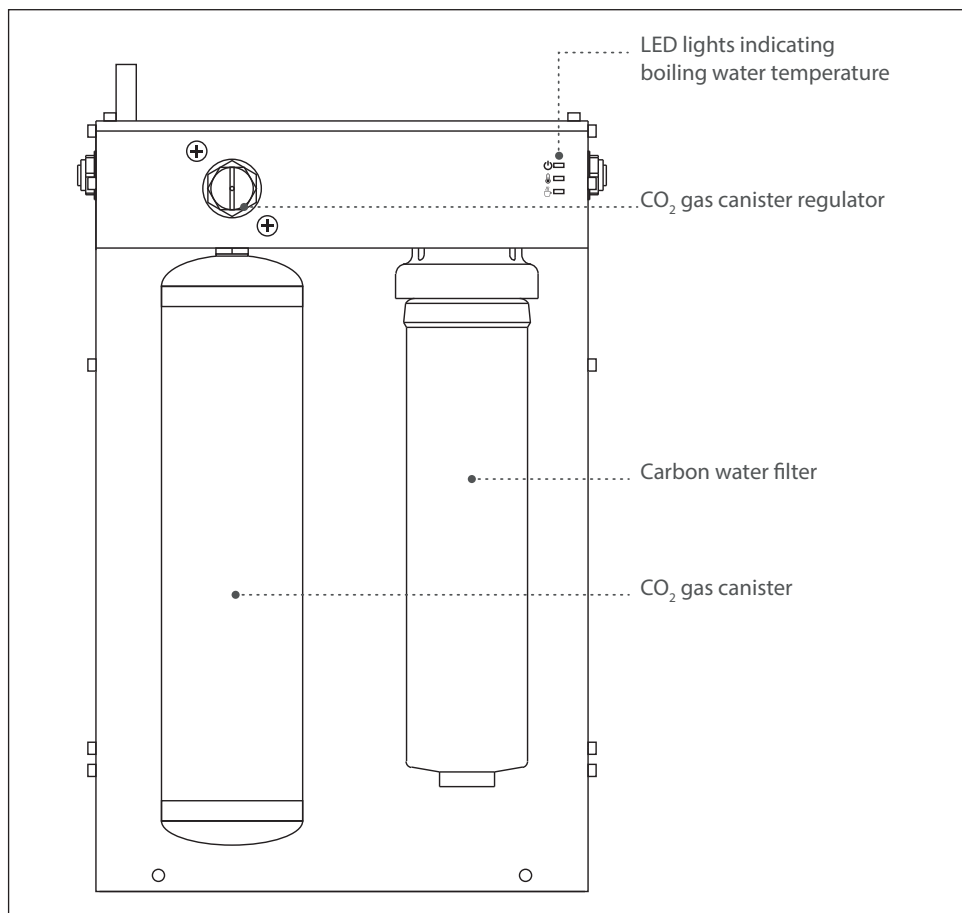
ADJUSTING THE CARBONATION OF THE SPARKLING WATER

The CO₂ is controlled via the gas canister regulator on the front of the unit (see diagram)

Use a large flathead screwdriver or a 19mm spanner to increase the level of carbonation in the water turn the regulator by a half turn in a clockwise direction.

To decrease the level of carbonation turn the regulator by a half turn in an anti clockwise direction.

Between adjustments you must run off several glasses of sparkling water to see the effects of the adjustment. If the sparkling function is spluttering there is too much gas in the water, reduce the setting by one full turn and try again.



5.1

TAP FUNCTIONS:

SPARKLING FILTERED WATER CHANGING THE CO2 CANISTER

When the sparkling water tastes flat it is necessary to change the gas canister.

The integral CO2 gas canister is sited on the left hand side at the front of the unit (see diagram opposite).

Please follow the instructions below to ensure your CO2 canister is correctly installed:

- 1 To remove a canister unscrew in an anticlockwise direction.
- 2 Locate the thread on the regulator where the gas canister will connect.
- 3 Carefully present the canister ensuring the canister is supported.
- 4 Rotate the canister in a clockwise direction being careful not to cross thread the regulator.
- 5 Rotate until you hear a hissing sound. This is the gas being released from the canister. It is important to keep screwing until you can no longer hear this hissing.
- 6 When the canister cannot be turned further it is safely connected. Do not turn the canister any further as this will damage the regulator.
- 7 Press the glass icon button and run off an amount of sparkling water to re-calibrate the system.

Note:

While removing a canister it is important to support its weight to avoid the canister dropping onto the floor.

When attaching a new gas cannister hand tighten the gas cylinder firmly but and do not over tighten. Check by listening that gas is not escaping.

The regulator has an internal opaque white coloured seal that should stay firmly in place. Older models have a black o-ring. If these are removed or fall out the gas will escape.

The regulators have two cross head screws attaching the regulator to the front panel. These are tightened during manufacture and should be checked periodically at service intervals, if they come loose gas will escape.

FREQUENTLY ASKED QUESTIONS

I am going on holiday, do I need to do anything to the system?	Its not necessary to turn the system off when leaving the house for short periods of a few days but for longer absences you may feel more comfortable isolating the power and water to the system. On return simply open the water supply and power the system up. Vent the boiler every minute for 15 seconds over a period of 5 minutes to slow down the rate the boiler heats up. This provides time for the temperature to transmit across the stainless steel walls of the boiler where the thermistor sits.
I live in a hard water area, how does this affect the system?	We recommend installing a PurityPRO purifier to remove all limescale. To upgrade call 01483 617000.
What is the warranty period?	Two years subject to the conditions set out in the pre-installation guide, a RODI system installed to feed the Quatreau 553-B or CS unit and annual servicing carried out by a Pure H2O Technician (during the warranty period). Extend your warranty to 5 years simply by taking out a 5 year service agreement.
When do the filters need changing?	At time of annual service by a Pure H2O technician.
The sparkling water function is spluttering, what should I do?	This could be caused as a result of too little water or by the gas regulator being set to high. Follow instructions on the front panel of the 553-B to reduce the setting.
My sparkling water appears to be flat.	If the level of fizz has been good and then reduces the most likely cause is that the gas is running out. Replace gas bottle. Sometimes the pump can deactivate. To reset simply power down then back on again. You should hear the pump engage when you run off sparkling water.
Can I adjust the flow of boiling water	Pre January 2019 unvented models: The boiling flow can be controlled by the PRV located on the side of the Quatreau 553-B or CS. To adjust flow simply pull the knob out to unlock (you will hear/feel it click). To increase flow rate , first activate the boiling water function so you can watch the flow of water, then turn the knob clockwise until desired flow is reached.

FREQUENTLY ASKED QUESTIONS

	To reduce flow turn anti clockwise. Once flow is correct simply lock the PRV by pushing it back into place. You will hear/feel a distinct click. Note that if your system is attached to a RODI purifier, you should only make this adjustment when the RODI tank is full (indicated by the lights on the Memory Panel reading tank full at which stage the system is not in production).
My chilled and boiling water flow seems to have reduced	Both the boiling and chilled water flow is directly influenced by the feed water into the Quatreau 553-B or CS. Boiling flow can also be adjusted using the PRV. Ensure that the water supply has not been turned off. If using a RODI or PurityPRO system there is a finite amount of water available during the normal usage. The RODI system replenishes its storage tank at the rate of 5ltrs/hr. If you may have used the capacity of the tank (10litres when full) simply wait for the unit to recover and flow should restore itself to normal. If flow rate has significantly dropped after the RODI tank is full and mains water pressure is not effecting the system (minimum requirement is +2Bar), it may be necessary to change the filter on the front of the Quatreau 553-B or CS. Check what type of filter your system is fitted with and organise a module change directly with the Pure H2O Company Ltd on 01483 617000.

IMPORTANT INFORMATION

TECHNICAL DETAIL	Quatreau 553-B	Quatreau 553-CS
POWER REQUIREMENTS (RCD Protected)	1 x 13A socket	1 x 13A socket / 1 x 13A socket
VOLTAGE	230V	230V / 230V
WATTAGE Max consumption Standby consumption	2.56KW 80W	130W / 296W 130W / 100W
START UP TIME	8 minutes	15 minutes
MAX WORKING PRESSURE	2Bar 30psi	2Bar 30psi
CO2 CAPACITY		C20 & CS20 = 20ltrs/h at 4C C50 & CS50 = 50ltrs/h at 4C

INSTALLATION DETAIL	BY AUTHORISED PURE H2O TECHNICIAN ONLY
INSTALLATION DATE	
INSTALLATION NOTES	
CONTACT	CUSTOMER SERVICE 01483 617000 customerservice@pureh2o.co.uk

CUSTOMER SATISFACTION NOTE

To be completed and handed to Pure H2O technician at time of installation

CUSTOMER DETAILS

To be completed at time of commissioning:

Name:
Address:
.....
Town:
County:
Postcode:
Tel (day):
Email:

EQUIPMENT INSTALLED

Model	Description	Installation Date
PurityPRO-5	Zero Back Pressure Reverse Osmosis System	
PurityPRO-10	Reverse Osmosis De-Ionisation water purifier Manual flush	
PurityPRO-60	Reverse Osmosis water purifier Manual flush	

CUSTOMER SATISFACTION NOTE

As a company we strive to provide the highest standard of service. It is therefore important that we ensure your product meets the specification as described in our technical information and marketing literature. During commissioning we will demonstrate functionality and water quality produced by the equipment and in signing this satisfaction note you are confirming that we have met our obligations.

Should you ever need technical support we have a dedicated team who will strive to resolve any issues or questions within an acceptable time frame. Your system comes with a full two year warranty subject to service on the first anniversary after installation. Extended warranty is offered free of charge for clients servicing their systems every consecutive year subject to our terms and conditions. Please refer to your service contract for details.

- ☐ I/we have received all goods ordered from The Pure H2O Company Limited on Sales Order No:
- ☐ I/we have inspected the pipe work feeding the RO system and agree that it is free from leaks and has been completed to my/our satisfaction.
- ☐ I confirm I understand how to isolate the system and disconnect the power in the event that the property is left unattended for a period exceeding one week or in the event of an emergency.
- ☐ I/we have been shown how to disconnect the electrical feed of equipment and how to check the transformer in the event of loss of power.
- ☐ I/we confirm that the quality of the water is below 10ppm/TDS and to my complete satisfaction
- ☐ I/we have received the user's manual for the RO system. The operation of the equipment and my/our responsibilities regarding its maintenance and upkeep has been fully explained to me/us.
- ☐ I/we agreed that all alterations made during the installation were made with our approval and consent.

CUSTOMER SIGNATURE

Signature:

Date:

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The Pure H2O Company Ltd, Unit 21 Boundary Business Centre, Boundary Lane,
Woking, Surrey GU21 5DH United Kingdom www.quatreau.com

QST 0719

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