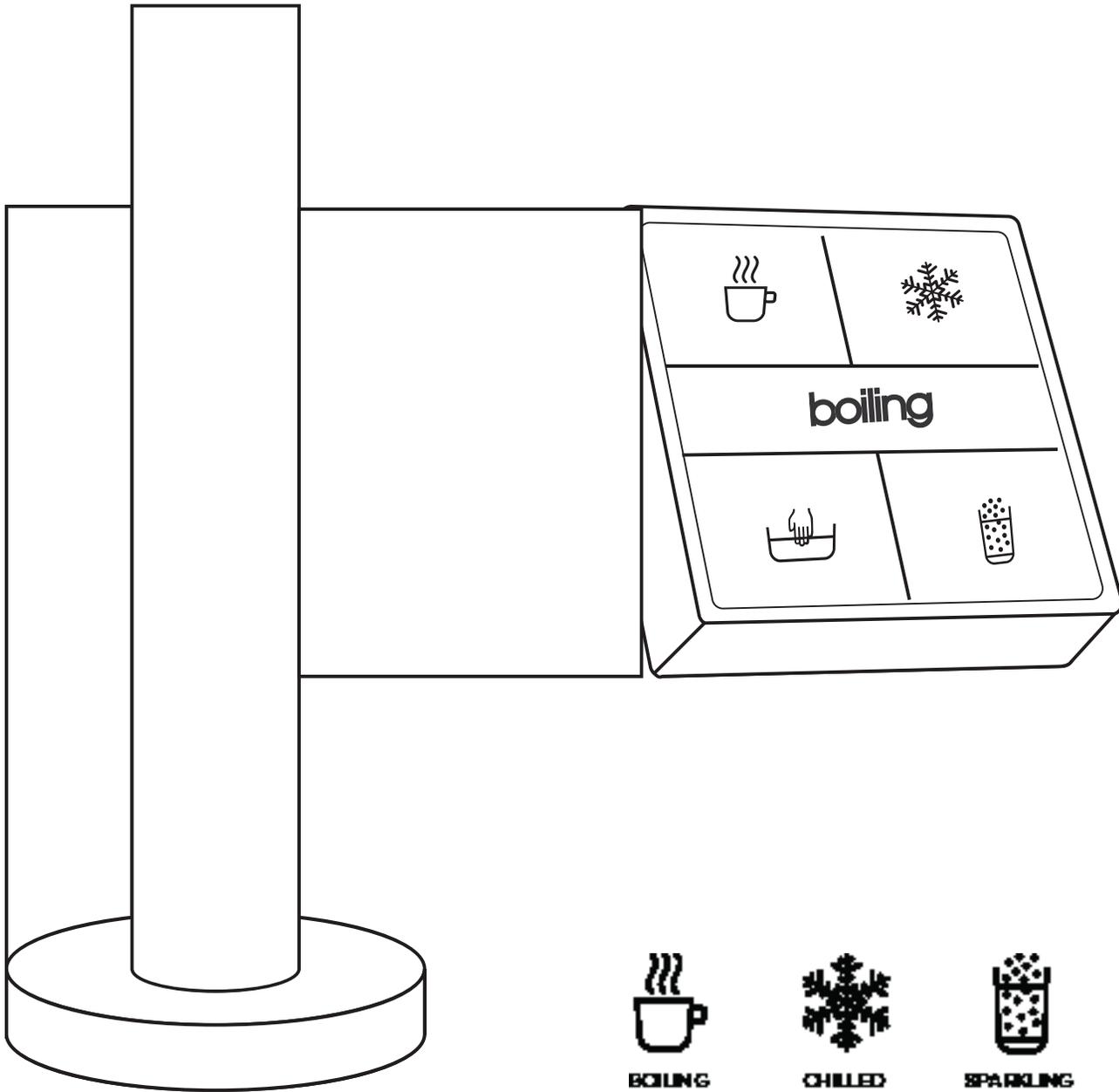


USER MANUAL

# QT-553BCS

*-one tap, five functions*



**220V/50Hz**

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# QUATREAU TOUCH USER MANUAL

## QT Water Heater Control Unit CS20 Chiller Carbonator

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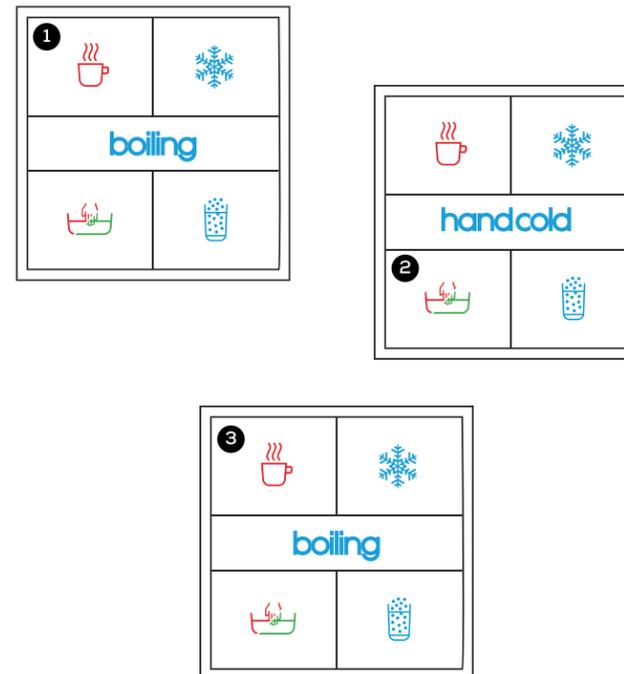
### QUATREAU TOUCH BOILING WATER WITH TOUCH SAFETY SEQUENCE

For safety, the Quatreau Touch system features a three (3) touch sequence to activate the **boiling water function**.

The numbers on each control quadrant in the diagram to the right indicate the three areas that must be touched within three seconds to activate.

The screen in the middle of the panel will display 'boiling,' and the top left control quadrant (cup icon) will flash red several times before illuminating red.

To turn off the boiling water, touch once any of the four control quadrants.



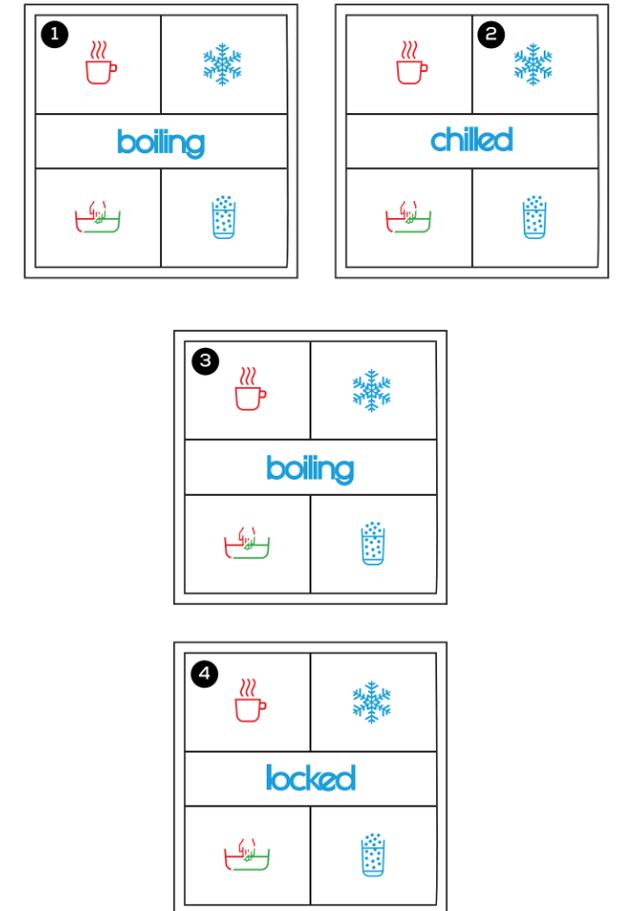
### QUATREAU TOUCH LOCKING SEQUENCE

Lock is a **secondary safety feature** to prevent any functions being activated.

#### LOCKING SEQUENCE

1. Touch Boiling
2. Touch Chilled
3. Touch Boiling
4. The screen in the middle should display "locked"

To UNLOCK, **repeat** process above

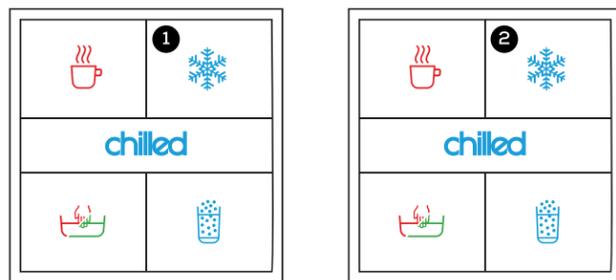


## QUATREAU TOUCH CHILLED WATER

To activate chilled water, touch the top right control quadrant (snowflake icon) once.

When the tap releases chilled water, the top right snowflake will illuminate white, and the central screen will display 'chilled.'

To turn this function off, touch the top right control quadrant (snowflake icon) once or touch once any of the four control quadrants.



## QUATREAU TOUCH SPARKLING WATER

To activate sparkling filtered water, touch the bottom right control quadrant (glass icon) once.

When the tap releases sparkling water, the bottom right glass icon will illuminate blue, and the central screen will display the message 'sparkling.'

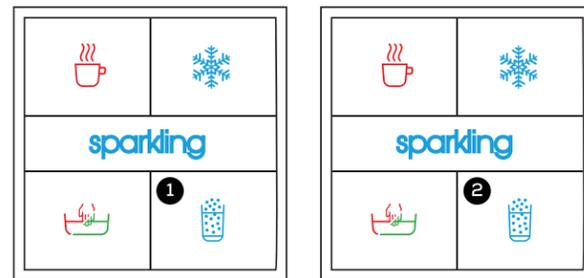
The sparkling water function will run for 30 seconds (earlier models have an 8-second time-out) before automatically switching itself off.

To turn this function off, touch the bottom right control quadrant (glass icon) once or touch once any of the four control quadrants.

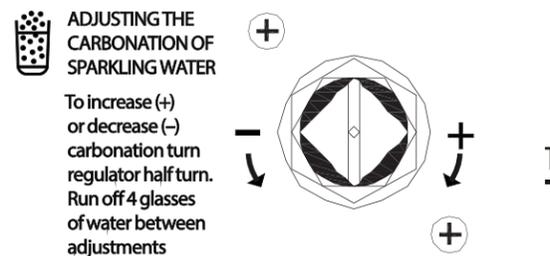
### Note:

If the sparkling water is spluttering or is not carbonated enough, the system will require adjustment.

If the pump inside the chiller carbonator is activating when the tap is not running, please activate the sparkling function for one second to open the inlet valve which supplies the chiller carbonator. Failure to do so could lead to damage.



Check the sparkling water by tasting it to see if you have the proper amount of CO2 in the water. If not, you will be able to adjust using the CO2 regulator.



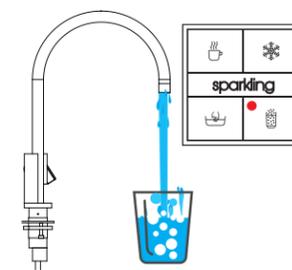
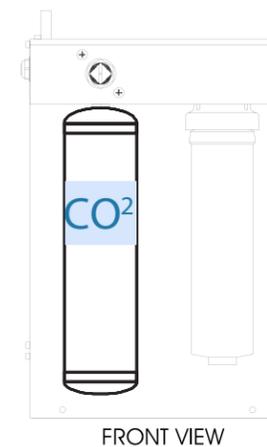
## TAP FUNCTIONS: ADJUSTING THE CARBONATION OF THE SPARKLING WATER



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 a counter-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.

## QUATREAU TOUCH HAND HOT AND COLD MAINS WATER

### HAND HOT - HOT WATER SUPPLY

To activate, touch once the bottom left control quadrant (sink icon) once. To turn off, touch anywhere on the keypad.



### Note:

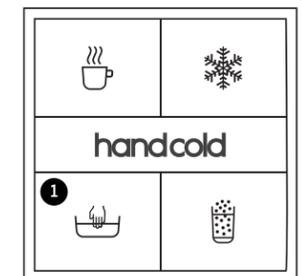
During commissioning, it is possible to adjust the temperature to suit personal preference. Recommended set point is 104°F. To adjust, turn the nut on the top of the thermal mixing valve in a clockwise direction to make the water colder and counter-clockwise to make it hotter.



Thermal Mixing Valve

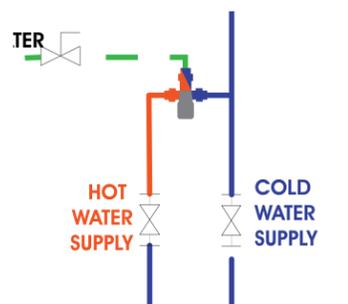
### HAND COLD - COLD-WATER SUPPLY

To activate, touch the bottom left control quadrant (sink icon) twice. To turn off, touch anywhere on the keypad.



### FLOW RATE

Flow rates are set at commissioning. To adjust flow rate for hand hot and cold-water supply, close the lever ball valves feeding the thermal mixing valve.



### CAUTION

Maximum operating pressure 30 psi. Do not open lever ball valves fully. Excessive pressure and flow will cause damage.

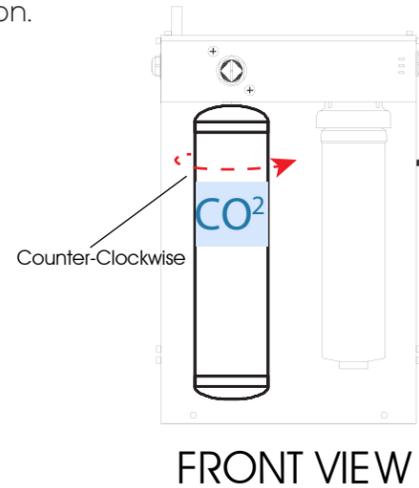
## TAP FUNCTIONS: SPARKLING WATER CHANGING THE CO2 CANISTER

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

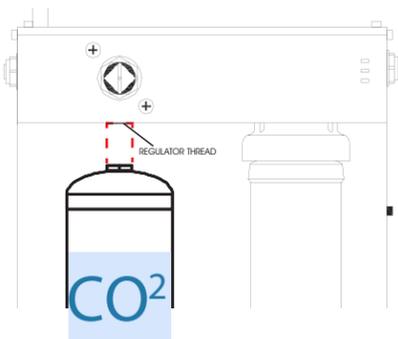
The integral CO2 gas canister is sited on the left-hand side at the front of the unit (see diagram opposite).

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

1. To remove a canister, unscrew in a counter-clockwise direction.

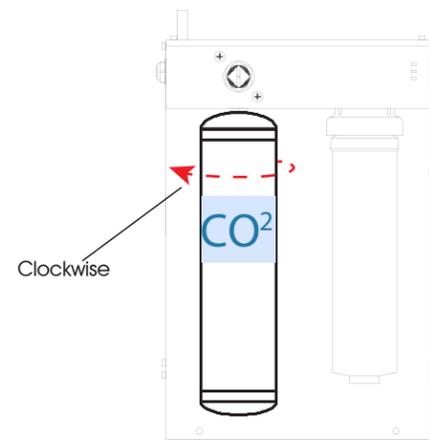


2. Locate the thread on the regulator where the gas canister will connect.



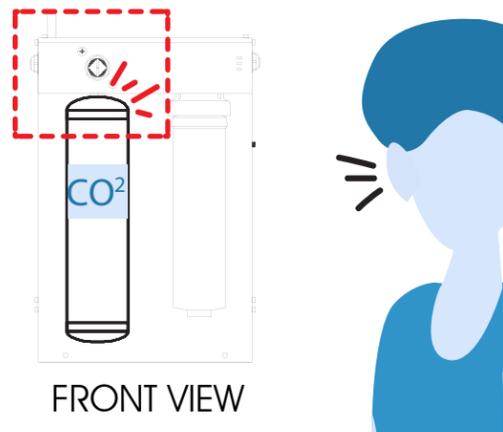
3. Carefully present the canister, ensuring the canister is supported.

4. Rotate the canister in a clockwise direction, being careful not to cross thread the regulator.  
**\*\*see next page illustration.**



FRONT VIEW

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.

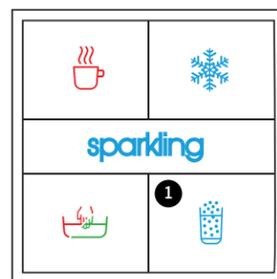


6. When the canister cannot be turned further, it is safely connected. Do not turn the canister any further, as this will damage the regulator.

7. Touch the glass icon button and runoff 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 on the floor.



When attaching a new gas canister, hand tighten the gas cylinder firmly but do not overtighten.

### NOTE:

Check by listening that gas is not escaping.

The regulator has an internal opaque white-colored 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 crosshead 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.

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