
QUATREAU SMARTTAP™
QST-B/BC/BCS
Comissioning Guide

QST-553B COMMISSIONING SEQUENCE

**DO NOT POWER THE SYSTEM UP
UNTIL SECTION D STEP 3.**

SECTION A: Connections from QST-553B to Quatreau Touch tap

1. Connect (platinum cured) silicon 3 mm wall thickness from the front outlet of the QST-553B to either of the pipes protruding down from the tap.
 2. Connect (platinum cured) silicone 3 mm wall thickness from the back outlet of the QST-553B to the other pipe.
 3. This rear feed is the boiling line. It is essential to position the venturi T in this line so that there is a downhill gradient to the type AA airgap connector on the trapped drain upstand.
 4. Secure bottom fitting (outlet on top) using the black compression clips
 5. Ensure the silicon pipe is not kinked or too long and ensure it flows in an unrestricted manner into the QST-553B. Back pressure from kinked pipes or pipes that are too long may cause the pipe to burst. The pipe should fit without being stretched or too long.
-

SECTION B: Connections for Mains Cold water

1. Connect a supply of cold mains water through the 1/4" pipe work provided into the top right inlet on the QST-553B marked "pure inlet".
 2. Gradually open the cold water supply checking that the fittings are water tight.
-

SECTION C: Interconnections QST553-B to Chiller Carbonator - refer to the Chiller Commissioning Guide

1. Connect the interconnections of water and gas from the QST553-B to the chiller carbonator module C20/CS20/C50/CS50.
 - a. 'CO2 out' to 'CO2 inlet' on the chiller front,
 - b. 'H2O out' to 'H2O inlet' on the chiller front. install a 1/4" isolator into this line feeding into the chiller and turn it off. This is an important step in commissioning.
 - c. 'carb out' on chiller to sparkling (carb) inlet on QST-553B,
 - d. 'chilled out' on chiller back to chilled inlet on QST-553B.
 - e. **Refer to the Chiller Commissioning Guide before powering up.**
-

**DO NOT POWER THE SYSTEM UP
YET, READ THE COMMISSIONING
SEQUENCES IN SECTION D FIRST**

SECTION D: Commissioning

1. If not already done, connect the comms cable from the tap to the QST-553B
 2. Connect the power cable provided. (note that this is rated 16Amp. Do not, under any circumstances, substitute for a lower rated cable)
 3. Power up the QST553-B. The tap panel will illuminate.
 4. SmartTaps come with optional safety lock on the boiling function, to disengage safety lock simply depress the red illuminated boiling button and then whilst depressing the red button push down and release the chilled blue illuminated button
 - a. **FIRST** Turn on the boiling function and leave it running **until water comes out**. This may take some time because the tank will not be full.
 - b. Once you have a normal flow of water from the boiling option release the button.
-

SECTION E: Boiler

To vent the boiler simply activate the boiling function every minute for 30 seconds. The green light on the front panel of the 553B activates and the red light goes out indicating that the boiler has reached temperature.

If you fail to follow this sequence there is a possibility that the boiler will go beyond the set temperature and activate the thermal trip. The thermal trip will reset itself when temperature drops.

SECTION F: Chiller Carbonator C20/CS20/C50/CS50

Refer to the Chiller Commissioning Guide before powering up

SECTION G: Conversion to Pureh2o

Once commissioned remove the mains water supply to the QST-553B "pure inlet" and reconnect using a supply of PurityPRO purified water. The PurityPRO was designed for seamless integration with SmartTaps and will deliver the optimum pressure for your system to work properly.

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

QST-0619

Quatreau SmartTap is a registered trademark of the Pure H2O Company Limited.
Copyright © 2019 The Pure H2O Company Limited. All rights reserved.