

QUICK START GUIDE (Celsius Commercial)

Note: This quick start guide must be read in conjunction with the main installation and user instructions



- Before proceeding, read the installation and user instructions
- Check all the components are present and correct.
- Check that you have all the necessary tools
- Ensure the underbench can support the product weight when full of water, (Check the specifications in the main book and allow an extra 2kg when full.)

Before installing ensure the following have been provided at the installation site:

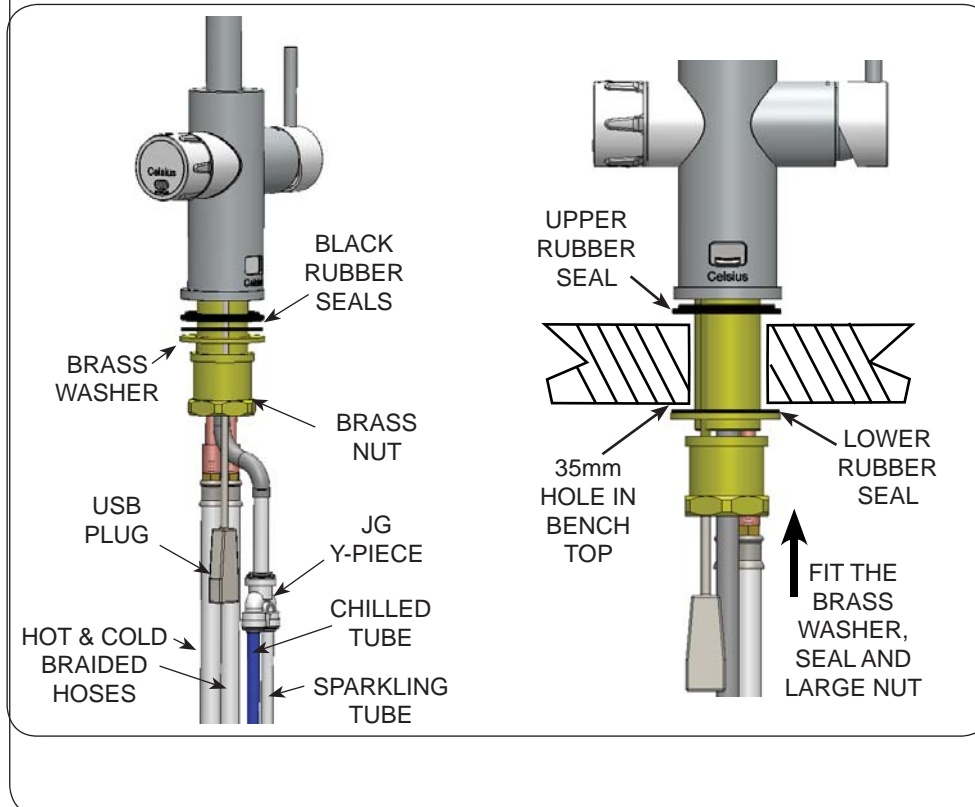
- Sufficient space in the cupboard to install all of the undersink units in accordance with these Installation Instructions. Refer to technical specification for dimensions. If required, make allowance for a booster heater. (Refer to the main book, for detailed installation instructions).
- A potable water supply connection with isolating valve(s) inside the cupboard within reach of the flexible braided hose(s) and positioned so that the connection point(s) and the stop cock(s) will not be obstructed when the undersink unit is installed.
- For Celsius taps, a 220-240Vac, 10A GPO will be required.
- **NOTE: Check the cable lengths and outlet positions before proceeding.**
- A potable cold water supply with a minimum working pressure of 172-700kPa for B&C models or 250-700kPa for CS models and 200-700kPa when a booster and/or a filter softener is installed.
- The undersink appliances must be mounted in upright positions, with their base mounted horizontally, as shown in the diagrams.



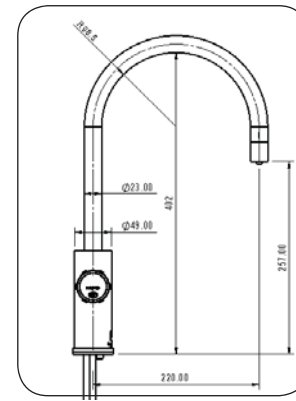
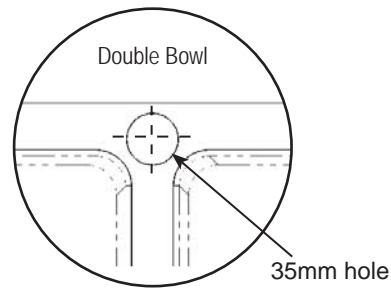
IMPORTANT! Do not proceed with the installation if these requirements are not met.

Celsius Tap

STEP 1- Prepare and fit the Taps

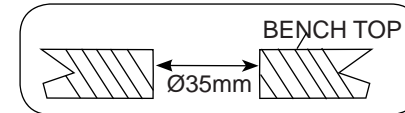


Hole positioning: Position the tap such that it dispenses into the sink bowl with ample clearance for a cup or tea pot.



For Celsius Tap

cut a 35mm hole in the bench / sink top.



NOTE: make sure the tap location will allow the nozzle to drain into the sink.

Ventilation

STEP 2- Cut cupboard holes and fit the air vent ducts

2.1 Ventilation for B160 & B240

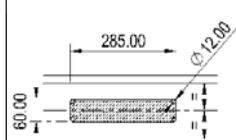
Proper air circulation must be provided for all Boiling models. The system will operate correctly only if the recommended air gaps are achieved during Installation. The minimum requirement is for a 50mm air gap either side and 300mm above of the undersink unit.

It is important that the 4mm door buffers (For all installations) are fitted to the inside edge of the cupboard door to allow adequate air circulation inside the cupboard.

2.2 Standard ventilation for C & CS models

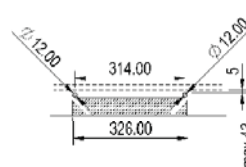
For C & CS models, air vents will be required in the cabinet floor, and kickboard. (See below). Alternatively a fan kit may be installed, (Contact your local service centre for availability).

A - Kickboard cutout



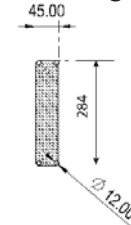
1. Drill 4 pilot holes 12mm dia in corners
2. Finish cutout using a Jigsaw and Kethole or Wall board saw

B - Cabinet floor cutout

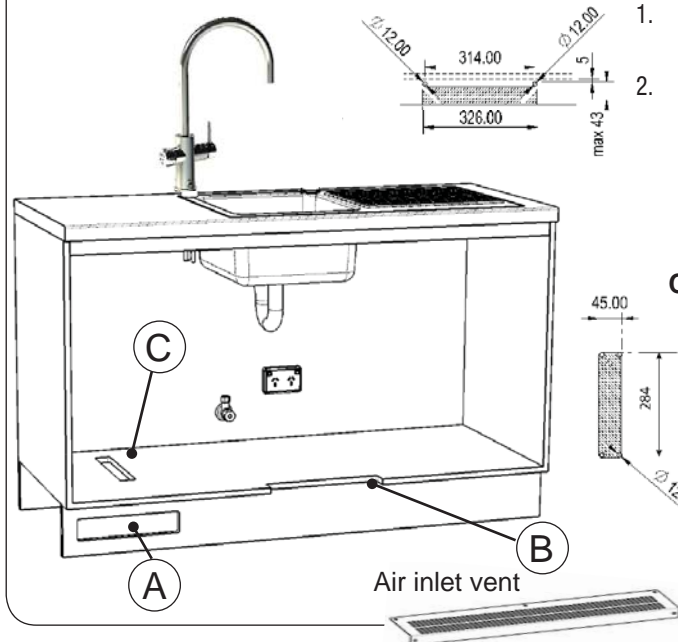


1. Drill two pilot holes 12mm dia.
2. Finish cutout using a Jigsaw

C - Cabinet floor cutout



1. Drill 4 pilot holes 12mm dia in corners
2. Finish cutout using a Jigsaw and Kethole or Wall board saw



2.3 When standard ventilation cannot be used, the following instructions are critical if there is insufficient cupboard air circulation.

For low use applications, or when ventilation through a kickboard is not possible and the cupboard space temperature is near 35°C, or higher. An inlet vent (See Item B) and door vent with silicon door buffers, will need to be fitted (Refer to section 2 of the main instructions).

Note: The vent kit has to be installed in a way that allows air to be drawn in from the bottom of the cupboard and expelled through the top of the cupboard. Therefore placement of the outlet vent should be towards the top of the door or on the side of the cupboard.

Note: For alternative options, refer to section 2 of the main instructions and See section 6 of the main instructions for clearances.

2.64 KG - CO₂ Cyl.

STEP 3- Prepare and mount the gas cylinder

This cylinder must be installed in an open plan area or in an enclosed room, with a volume no less than 50m³. See details on the gas bottle and in the MSDS sheet for a complete list of warnings.

1- After removing all packing material, mark out the cradle location, and fit it on a suitable wall, within 1 metre of the unit. Make sure the gas bottle, regulator and cradle assembly can comfortably fit, with sufficient clearances, before securing the cradle inside the cupboard. Due to regulatory requirements the gas bottle must be stored securely and in an upright position. Secure the bottle with the hook-and-loopstraps provided.

2- After unpacking, fit the regulator to the gas bottle. Ensure the plastic seal is fitted securely inside the large chrome nut, before attaching to the gas bottle. If the plastic seal is not an easy fit over the spigot, soak it in hot water, before re-applying. Do not force the seal to fit. Turn the regulator OFF by rotating the regulator knob, all the way out, in an anti-clockwise direction.

NOTE: Two plastic seals are supplied with a new regulator. Only one is required, the other is supplied as a spare part.

3- Connect the braided gas hose to the top of the underbench unit via the John Guest fitting marked 'Gas IN'. Then connect the threaded end to the regulator (Do not lose the small sealing olive). When commissioning, turn the gas ON by rotating the valve on top of the cylinder, anti-clockwise. Then adjust the outlet pressure, by rotating the regulator knob in a clockwise direction, to between 2.7- 3.0 bar (green zone)

NOTE: The arrow should sit in the green zone of the regulator gauge; it should not fall in the red or yellow sections.

4- When commissioning, use soapy water to perform a leak test. Apply the soapy water to the two gas connections using a sponge or brush. If any bubbles appear and grow, there is a gas leak at the connection. Clean away the soapy residue and tighten or refit the leaking connection. Make sure the gas is turned off when tightening or refitting the leaking connection.

Fit the gas bottle into the cradle and secure with the Hook-and-loopstrap. Ensure the bottle is in an upright position.

NOTE: Care must be taken when working with high pressure carbon dioxide, and in no case should the normal operating pressure of between 2.7- 3.0 bar be exceeded.

Booster Heater

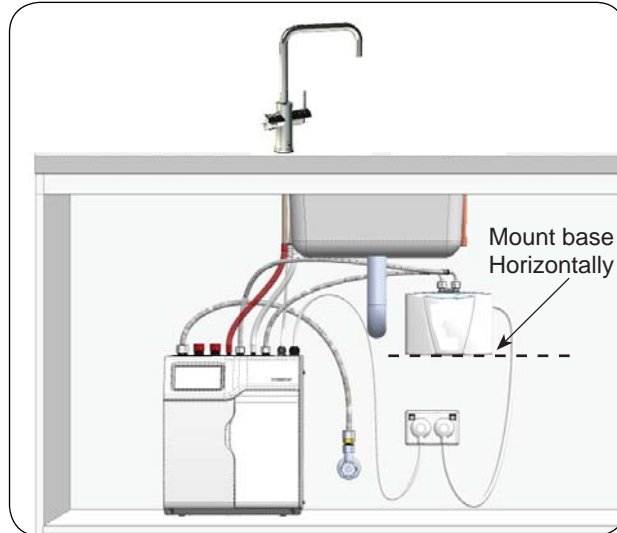
STEP 4- Install the Booster heater (if required)

Note 1: water connection:
Blue marking - water in;
Red marking - water out.
The braided hoses cannot be lengthened.

Note 2: Position the booster according to the flexible hose and cable lengths supplied.
Keep the Booster as close as possible to the undersink unit inlet/ outlet fittings.

Note 3: Ensure the Booster heater is mounted in an upright position (as shown) with a horizontal base.

Note 4: For mounting details, refer to section 2 of the main instructions



Celsius Unit

STEP 5- Install the undersink unit

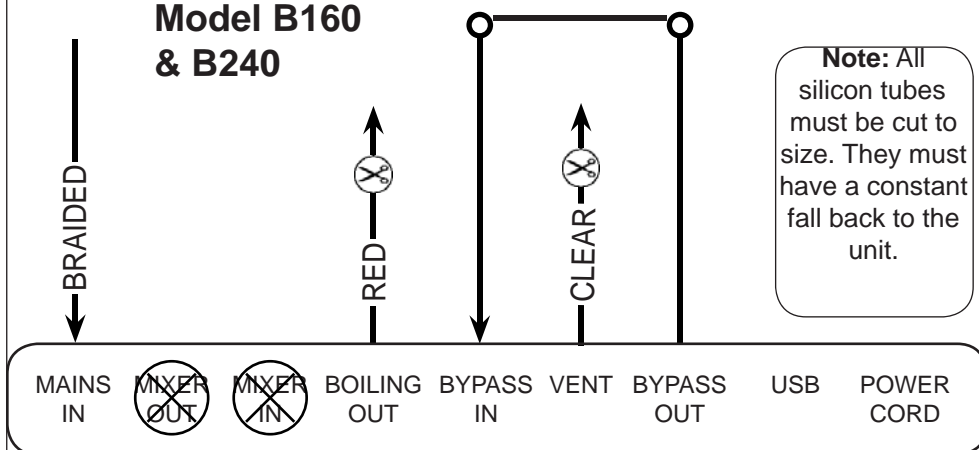
Note:

- Remove all caps from the top of the undersink unit.
- Install the mains water braided hoses to the undersink unit before locating the unit in place.
- Insulate the Blue and White tubes after trimming to length
- The tube lengths are matched to the pumps performance and therefore CANNOT be lengthened

Note: Mains hose length is 750mm and the Plug and Cord length is 1800mm
Position the under sink unit close to the outlet tap, within reach of the hose and cord lengths supplied. Ensure there is at least an unobstructed 50mm air gap in front of the air filter.

For other configurations, see the main installation instructions

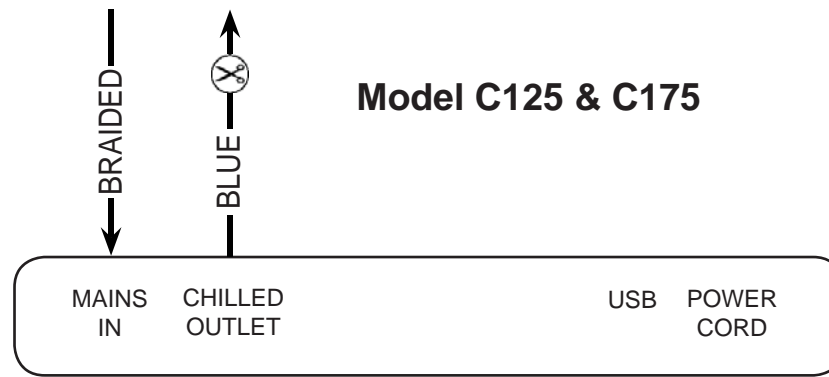
Model B160 & B240



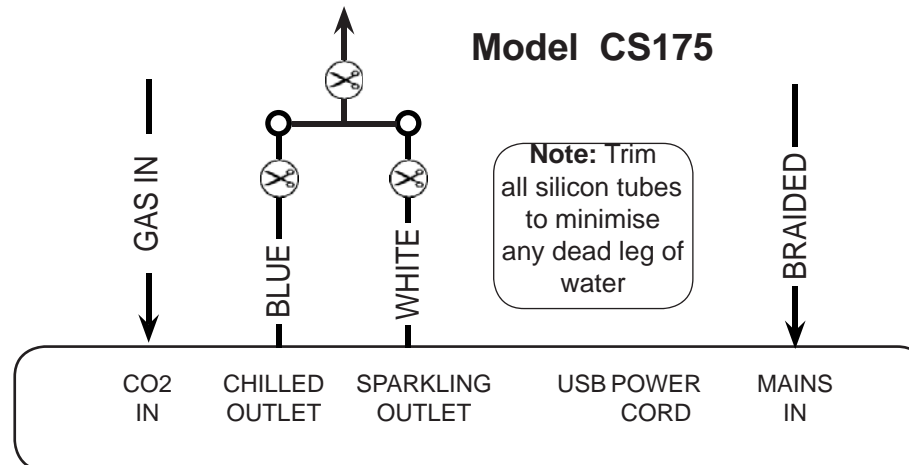
Note: All silicon tubes must be cut to size. They must have a constant fall back to the unit.

Celsius Unit

Model C125 & C175



Model CS175

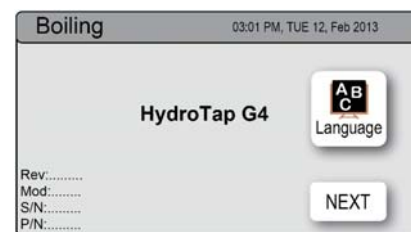


Commissioning

STEP 6- Commission the Celsius

Turn on the water and gas to check for any leaks before turning on the power.
The system will prompt you to select a language before continuing with the CO₂ Purge and filter flush procedures

Initial Commissioning screen



Language selection screen



CO₂ Purge: (Model CS175)



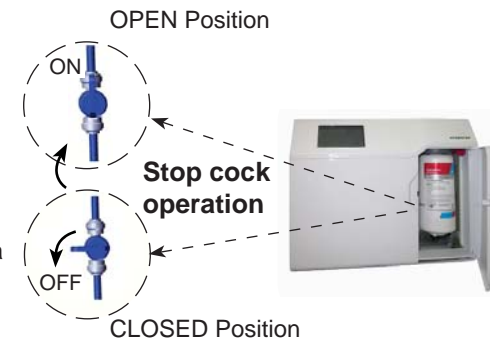
- Press the [START] button to commence the purging process.
- Purge for 5 seconds and ensure all water has stopped flowing through the tap. (You will hear the CO₂ gas escaping from the tap).
- Press the [Stop] button.
- Press [Next] for the filter flush screen

Commissioning

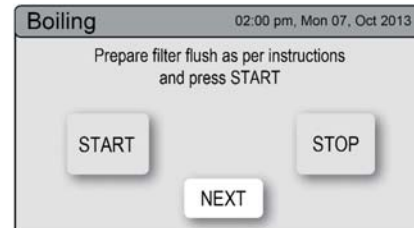
Commissioning the HydroTap

Filter Flush:

Have a 10L bucket or similar container (not supplied) at the ready to hold a quantity of water that will be ejected while the Filter Flush Mode is in operation. Open the filter access door on the front of the HydroTap and the filter cartridge will be exposed. Located to the rear RHS of the cartridge is a flush line, approx 600mm long and the flush line stop cock. Place the valve end of the flush line into the 10L bucket or container.

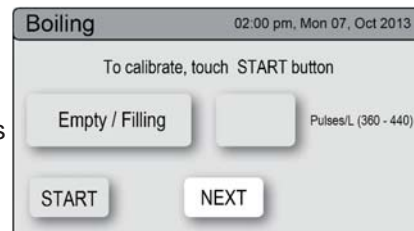


- Turn the stop cock ON
- Press [Start] button to start filter flush.
- Allow at least 10 litres of water to flush through the filter.
- Once the filter flush is finished, Turn the stop cock OFF then press [Stop] to end filter flush mode.



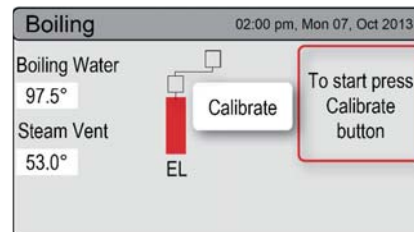
Flow Calibration:

- Press [Next] and the View screen will show the Flow calibration mode.
- Press the [Start] button and the tank will first empty then fill. Upon completion the actual pulse will be displayed. Check this reading is within the limits



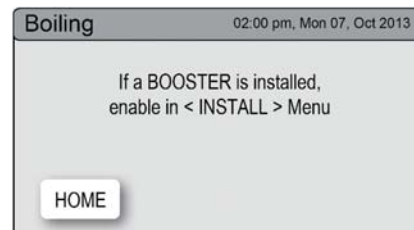
Boiling Calibration:

- Press [Next] for the Boiling Calibration screen.
- Press the calibration button and the system will commence the Boiling calibration procedure. This will take approx 5-6 minutes.
- Upon completion, a Booster reminder screen will appear and allow you to return home by pressing the [Home] button.
- Check the Date and Time settings (See section G of the user guide)



To enable the Booster: (when installed)

- Press the [MENU] button for main menu.
- Press the [Install] button.
- Press the [Booster] button.
- In the next screen, press YES to enable the Booster.
- Turn the Booster ON
- Water must be run through the Booster for a min of 30 seconds, before the heater will activate.
- Dispense boiling water for 30 seconds and check the Booster outlet hose is warm when the boiling water tank is replenishing.



Note: Failing to make the correct selection for the "Booster", will affect product performance.

