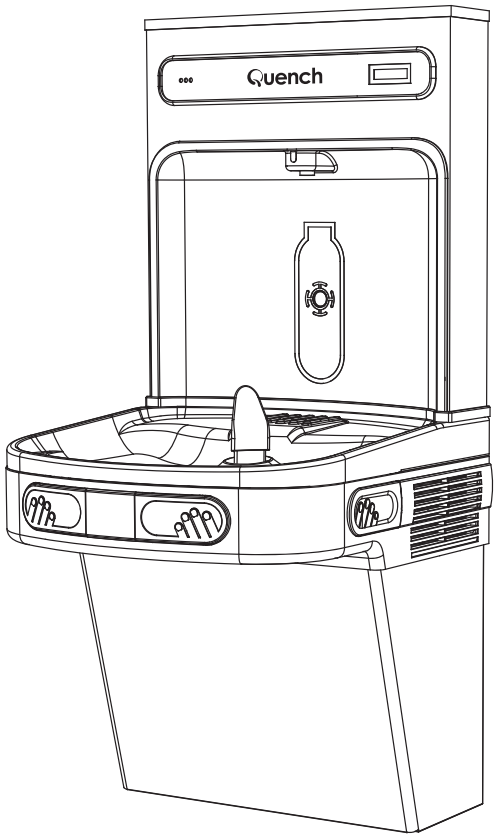
Quench

Installation Guide & Owner's Manual

Wall Mounted Bottle Filling Water Fountain



Model

WC-Q-BFS-DF-UV-G-WM

WC-Q-BFS-DF-B-WM

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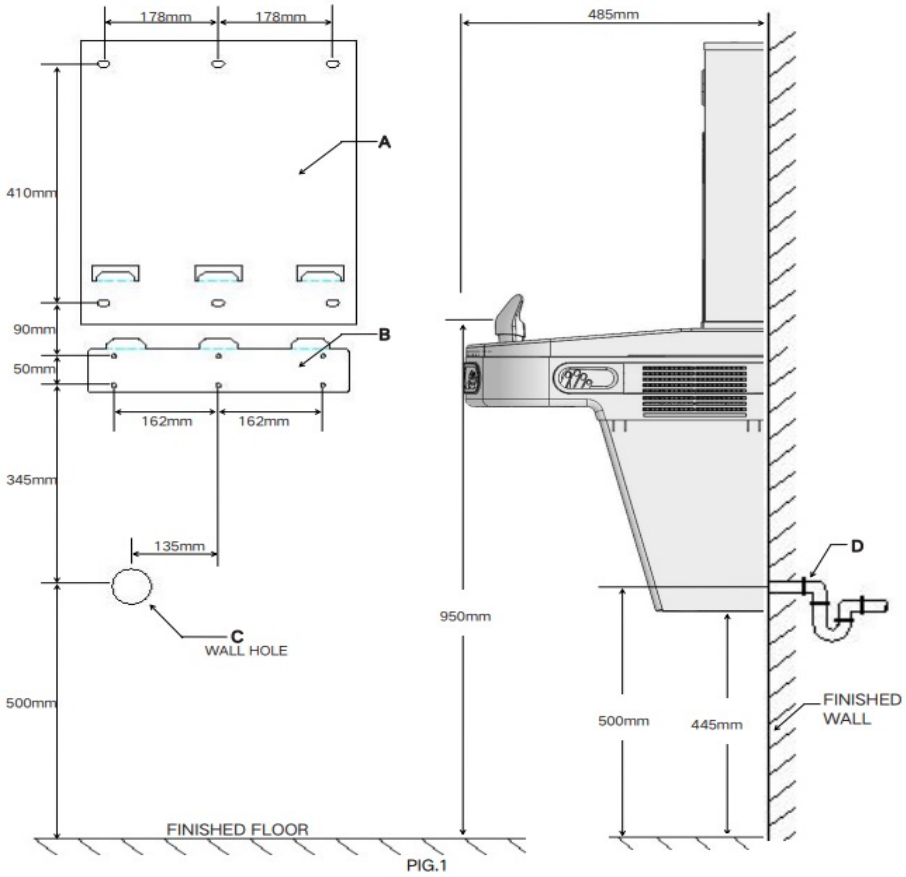
This user manual will prevent damage or malfunction due to incorrect use, please read the whole manual.

1. Safety Information

- Installation must be carried out by a qualified professional adhering to the relevant wiring and plumbing regulations in accordance with WRAS and the 18th Edition.
- Always plug the product into a grounded socket (220-240V). For questions regarding electrical supplies, consult a qualified electrician. Installation involving AC 220-240V power, grounding connections, and cables must adhere to applicable regulations and electrical equipment standards.
- Connect the power plug to a socket on an RCD circuit breaker.
- Do not unplug or insert the power plug with wet hands.
- Before performing repairs or cleaning, disconnect the power plug to prevent injury or electric shock.
- The installation environment should have a temperature between 5-30°C. Temperatures below 0°C can cause pipes to freeze and rupture, while temperatures above 30°C can lead to malfunction.
- Connect the product exclusively to a drinkable mains cold water supply.
- If the electrical cord is damaged, it must be replaced by a competent and qualified individual.
- Children or people with reduced physical or mental capability must be instructed and supervised on the use of the equipment.
- Any maintenance, servicing and moving of the equipment must only be undertaken by a qualified and trained individual.
- Please note: Product warranty is ONLY valid if the product installation has been carried out according to our Installation Instructions and conditions stated on our Terms and Conditions.

2. Installation Template



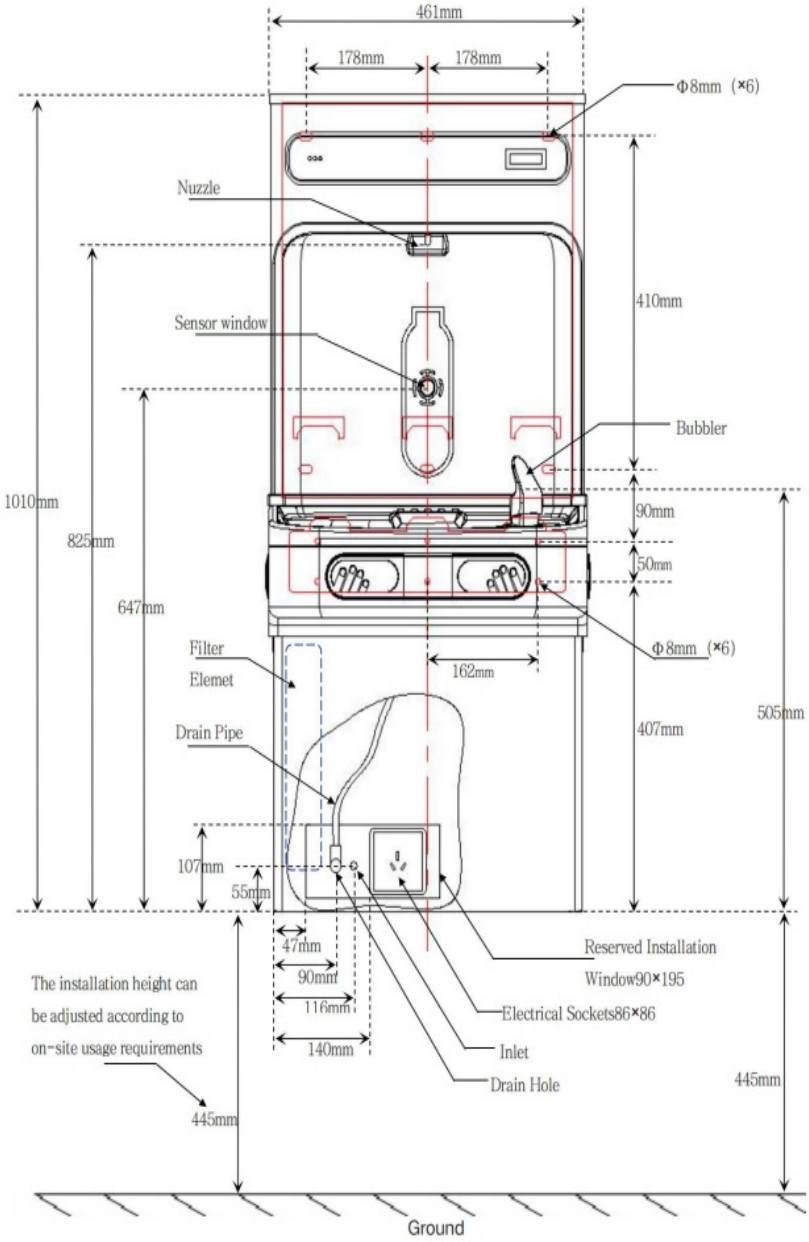
PIG.1

A. **Upper Hanging Plate**

B. **Lower Hanging Plate**

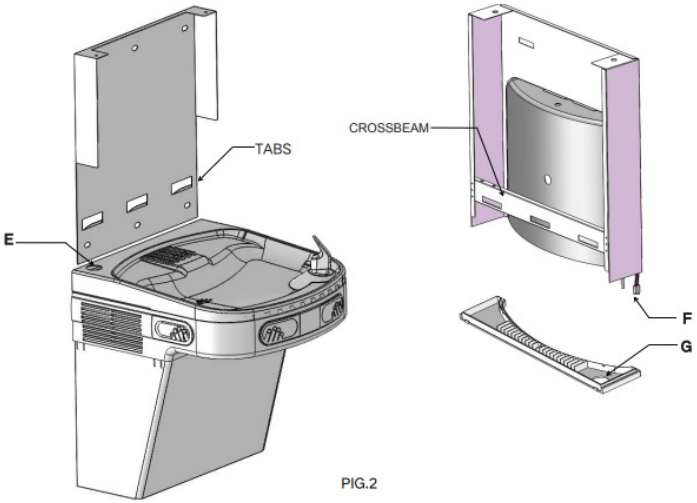
C. Recommended water supply and drainage location. The recommended diameter of opening on the wall is 60mm.

D. **Drain Trap:** Customer supplied. Connect the wastewater outlet with a hose with an inner diameter of 11mm


461mm
178mm
178mm
Φ8mm (×6)
Nuzzle
Sensor window
410mm
Bubbler
1010mm
825mm
647mm
90mm
50mm
Φ8mm (×6)
Filter
Elemet
162mm
505mm
Drain Pipe
407mm
107mm
55mm
47mm
90mm
116mm
140mm
Reserved Installation
Window90×195
Electrical Sockets86×86
Inlet
Drain Hole
The installation height can
be adjusted according to
on-site usage requirements
445mm
445mm
Ground

3.1 Mounting Instructions

1. Ensure the wall is smooth and flat finished surface with adequate support structure.
2. Ensure mains water supply, electrical supply and waste pipe are in the correct location as specified in template diagram.
3. Remove back panel from machine by removing two screws from top of unit that secures the top cover.
4. Secure the upper and lower hanging brackets to the wall using the appropriate wall screws.
5. Ensure to hang the lower unit first.
6. Before hanging the upper unit, connect the power supply and water supply quick connector to the lower unit (F) ensure the Insulated waterline is routed inside of the rear cross member. If unit is installed outside the cross member must be repositioned inside or else the unit cannot be installed properly.
7. The last step is to reinstall the top cover.



PIG.2

Legend

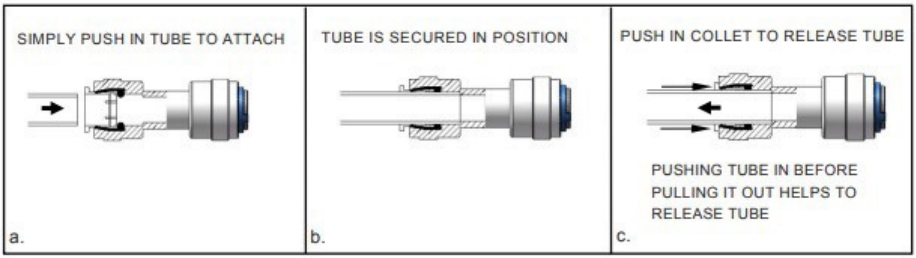
PIPELINE HOLE: The pipeline between the upper and lower units passes through this hole and is connected by quick connectors

PIPELINE QUICK CONNECTOR: Please connect the power supply and water supply from the lower unit first and then hang the upper unit in

SILICONE PAD: Installed at the connection between the upper and lower units

3.2 Connecting Water Supply

1. It is recommended that a professional Installation Rail kit (WHA approved) is installed to the mains water supply which includes an isolation valve, pressure-reducing valve, non-return valve and a water block with 6mm adaptor. Professional installation rails are available on the Quench website.
2. Isolate the mains water supply and connect the Installation rail kit to the mains pipework using a 15mm compression or plastic tee (not supplied)
3. Use 6mm push fit pipe to connect the Installation Rail adapter to the POU Cooler connection.
4. Turn the mains water on and inspect for any leaks. If leaks are present, resolve before continuing.
5. Turn power supply on and test operation.



3.3 Connecting Electrical Power

1. Plug the power cord into the wall outlet.
2. Confirm that the unit is on; both the green LED and bottle counter LCD should illuminate.
3. Test the water dispenser by placing a cup or hand in front of the sensor lens to activate the unit. Water should flow, though sputtering may occur initially due to air in the system.
4. To obtain a steady water flow, hold the activation method until all air is purged from the lines and filter. Multiple activations may be necessary, as the unit dispenses water for only 15 seconds at a time.

4. Maintenance & Care

- Water Coolers must be maintained in a hygienic condition
- The Water Cooler Associations demands that all makes and types of Water Coolers must be regularly sanitized.
- POU Coolers must be sanitized, and the filter replaced every 6 months.
- Sanitizing should be in accordance with WHA guidelines and carried out by trained personnel.

5. Control Board

Setting The Control Board

Verify Control Board Software

1. To verify the software program of the control board the unit will need to be shut down and restarted.
2. Unplugging the power cord to perform full shut down.
3. Re-plugging the power cord into restart the control board.
4. The unit will beep upon start up.

Accessing The Programming Button

1. To access the program button, remove the two screws holding the top cover in place. Once top cover is removed the program button can be located on the underside of the unit to the right hand side.

Resetting Filter

1. Press and hold the program button (FLTR REST) for approximately 5 seconds, the screen will flash RST FLTR then all filter monitor indicator lights will flash three times.
2. The green LED should be illuminated indicating that the visual filter monitor has been reset.

- Green: LED (Good) Indicates that the filter is operating within 0% and 80% of its life
- Yellow: LED Indicates that the filter is operating within 80% - 100% of it's life
- Red: LED (Replace) Indicates that the filter needs to be replaced since it has reached end of filter life.

Testing Bottle Counter

1 Place bottle or hand in front of sensor for approximately 9 seconds to see bottle counter count 00000001. (This is based on filling a 20 oz. bottle and the flow rate is estimated at 1.5 gallons per minute.)

NOTE: Bottle count is approximate and is dependent on water pressure and flow through the filter.

To ensure the accuracy of the count, please calibrate as follows:

Place the 20-ounce (567ml) bottle in front of the sensor to fill and use a stopwatch to start the timer. When the bottle is full of water, read the stopwatch. Then adjust the flow rate.

Settings according to the following table:

Time (S)	18	15	13	11	10	9	8	7.5	7	6.5	6	5	4.5
Flow Rate (G/M)	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.8	2.0

Every 20OZ (567ml) Bottle counter count add 00000001

Setting Flow Rate

Press and hold the program button (FLOW SET button) the screen shown below in figure 4,. Press and hold for 5 seconds to enter the FLOW RATE setup again, the screen shown according to SET - FLOW RATE - GAL/min, FLOW range of 0.5 - 2.0. Press again to the cyclic accumulative 0.1 to set to your target FLOW. Press and hold again for 5 seconds or until the unit beeps and the SET - GAL/min blink three times to confirm flow has been confirmed.

Setting Filter Capacity

- Press and hold the program button (FLTR SET button) the screen shown below in fig.5. Press and hold for a further press 5 seconds to enter the total filter life setup showing ST-FLTR – GAL. Total life span of 400 - 5200 GAL (one hundred - bit integer)
- Press program button to the cyclic accumulative 400 then switch to target filter life. Press and hold the button for approximately 5 seconds buzzer will sound feedback then SET - FLTR - GAL will blink three times. Set and return to the main program. Enter any position of the program for setting the life of the total filter element, and no operation will be performed within 5 seconds. Exit this program and return to the operation mode.

6. Troubleshooting

Fault	
Water Cooler Not Cooling	Check Power Supply
	Temperature Setting: adjust or replace thermostat
No Water Dispensing	Check Water Supply
	Air Lock in the Cooler: Press the water tap several times to release any air lock.
	Solenoid not activating: Check power to valve. Replace if power is present but valve is not opening

7. Warranty Card

Quench		Warranty Card	
User Name		User Address	
Telephone			
Date Of Purchase		Invoice Number	
Model		Serial No.	
Date Of Production		Dealer	
Date	Maintenance Records		Maintenance Technician Signature

Date	Maintenance Records	Maintenance Technician Signature

Thank you very much for using this product.
We hope you have a convenient understanding of the quality and appearance of the product.
Service hotline 033044123083
If there are product optimisation updates, the actual product will prevail without further notice.

Quench

Water Cooler Maintenance

www.quenchthirst.co.uk

- 6 Monthly Service
- Filter Replacement
- Unlimited Breakdowns
- All Parts & Labour Included
- No Call Out Fee!

Call us on...

03304412383

enquiries@quenchthirst.co.uk

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Notes

Unit 3, Woodlands Business Park,
Burlescombe, Devon EX16 7LL

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