

ewatersystems

# SPECIFICATION GUIDE

EWATER STANDALONE SYSTEM  
MODEL EWS ROX10

Latest Version: May 2022



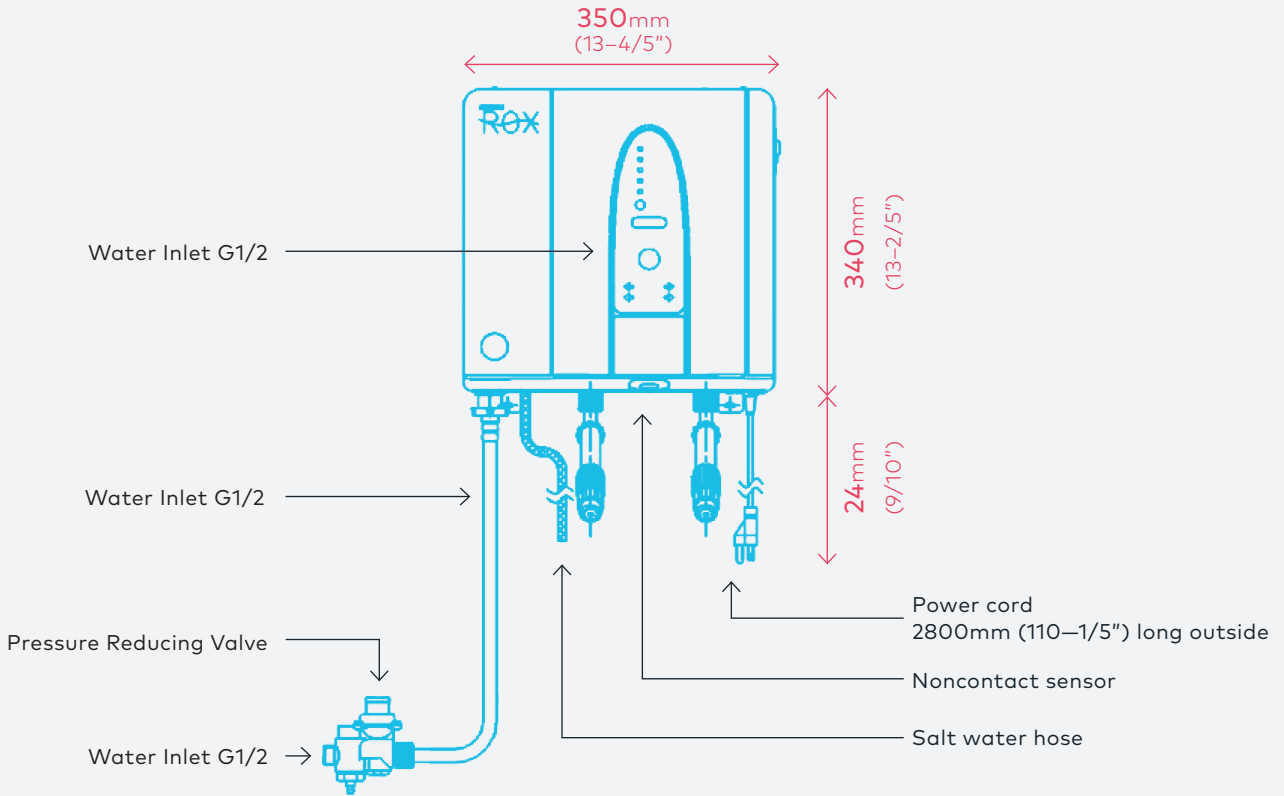
## eWater Systems ROX10 Datasheet

The eWater Systems ROX10® is compact, easily installed machine that produces a sustainable alternative to potentially harmful and wasteful packaged cleaners and sanitisers. Using electrolysis technology similar to that of salt water pools, the eWater Systems ROX 10 needs just table salt, tap water and a little electricity to produce proven cleaning and sanitising solutions. Installation is quite simple, it should always be located immediately above a sink (preferably mid-point of a double bowl sink) and requires just 240v and connection to mains water.

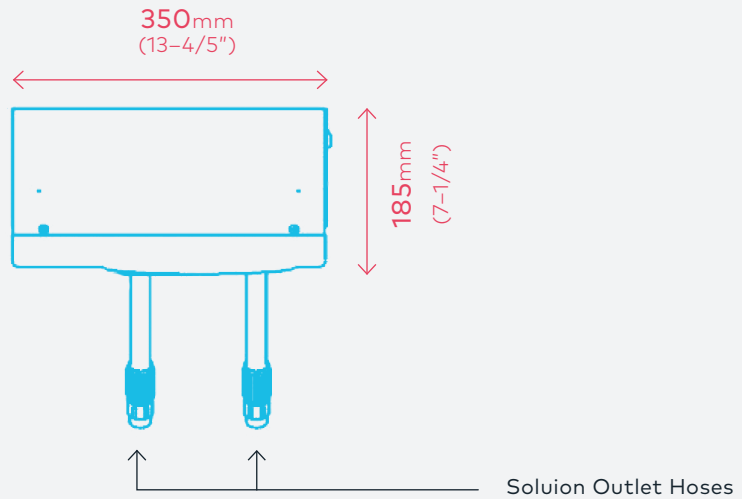
Item	eWater Systems Water Electrolyser	
Model	ROX-10WB-EWS	
Power Supply	1 Phase 100 - 240V 50/60Hz	
Amperage	2.0A	
Electric Consumption	170W	
Electric Circuit Protection	Ground Fault Interrupter (with Overcurrent Protector) Grounding Wire, Fuse(for PC Board: 5A)	
Standard Performance	Production Rate	Acid/Alkaline Water: approx. 0.7-1.5L/min
	Available Chlorine	20ppm or more
	pH Level	Acid Water: Approx. 3 or less Alkaline Water: 11 or more
Outside Dimensions	350mm(W) x 185mm(D) x 340mm(H)	
Weight	Approx. 13kg (16kg Gross)	
Package	Carton 610mm(W) x 250mm(D) x 452mm(H)	
Exterior	Galvanized Steel (Polyester Powder Paint, ABS Plastic)	
Interior	Stainless Steel, Galvanized Steel (Polyester Powder Paint)	
Production Rate Adjustment System	Automatic Adjustment by Switch Operation (Low/Standard/High)	
Water Supply System	Direct Connection to Water Main (Accessory pressure reducing valve required) G3/4 (G1/2) Water Supply Pressure: 0.15 - 0.75MPa(22 - 109 PSIG)	
Start/Stop	Push Button Switch, Noncontact Sensor	
Display	Operation, Ready, Add Salt Water, Replace Cell, Error, Water Outlet (Acid/Alkaline)	
Accessories	Salt Water Tank (5L), Cap, Water Supply Hose, Nozzle Hose (x2), pH Tester (TB, AZY), Chlorine Tester, Measuring Cup, Gasket, Pressure Reducing Valve (22 PSIG), Operation Sheet, Screw Collar, Anchor Bolt, Wood Screw, Rubber Dropper, Shower Nozzle, Straight Nozzle, O-ring, Elbow Assy	
Installation Conditions	Clean. Dust Free. Well Ventilated. Install mid-point over sink, preferably mid-point over double bowl sink	

# ROX 10 STANDALONE SYSTEM SYSTEM DRAWINGS

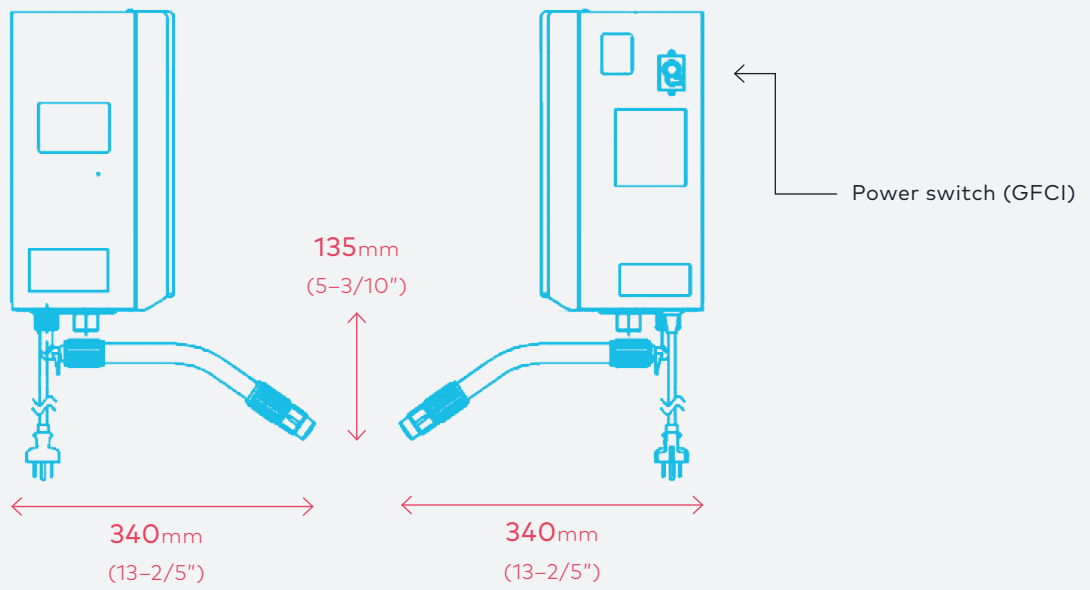
## Front View



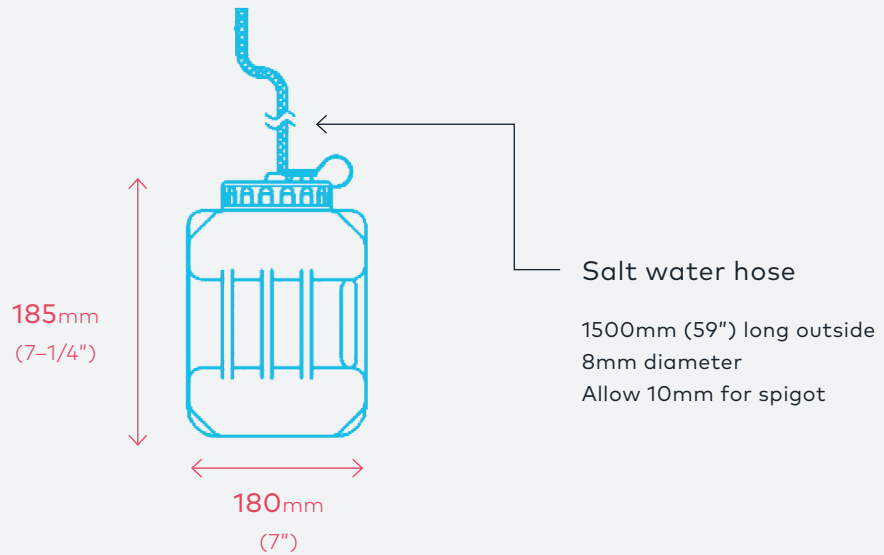
## Top View



## Side View

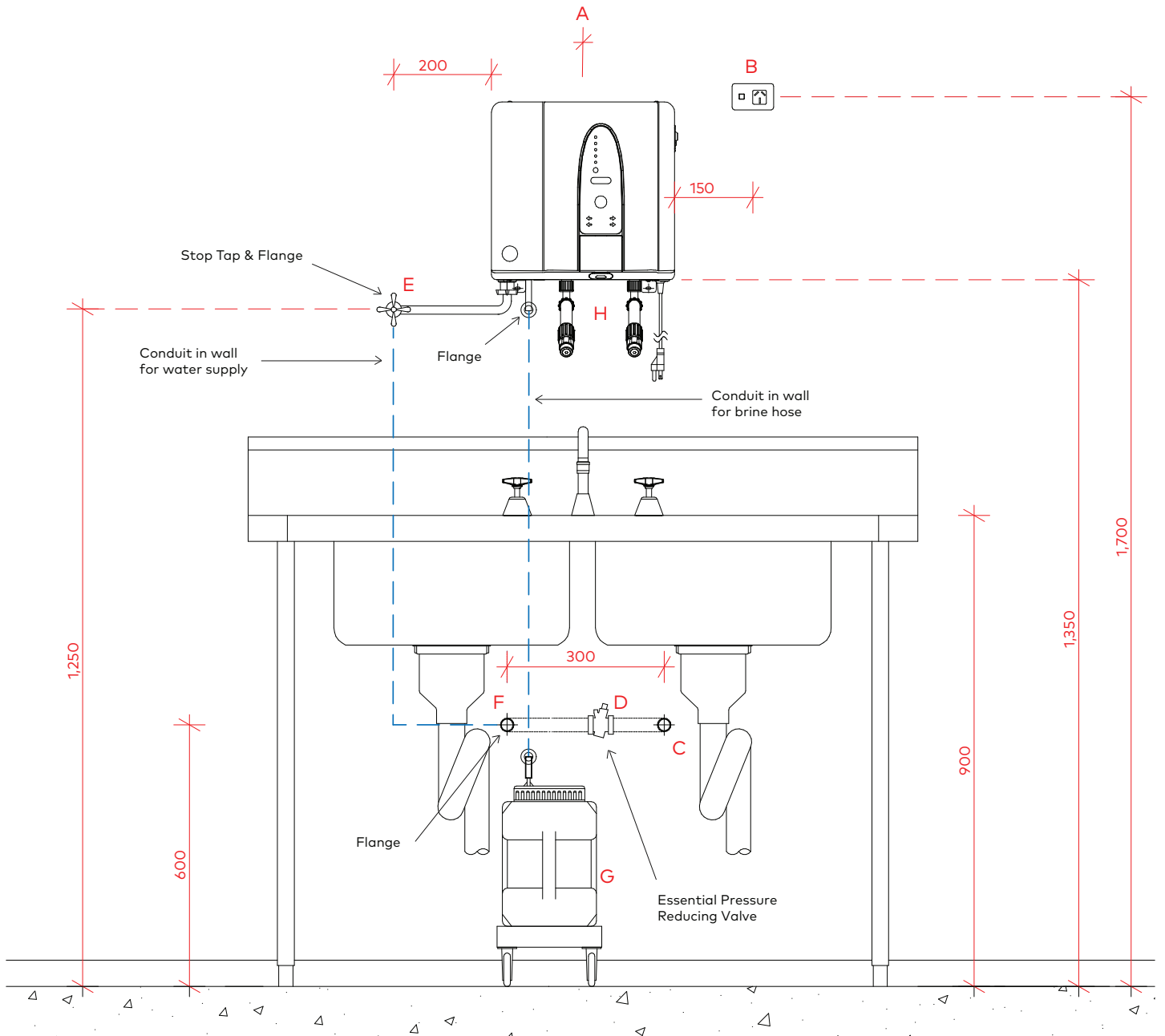


## Brine Tank



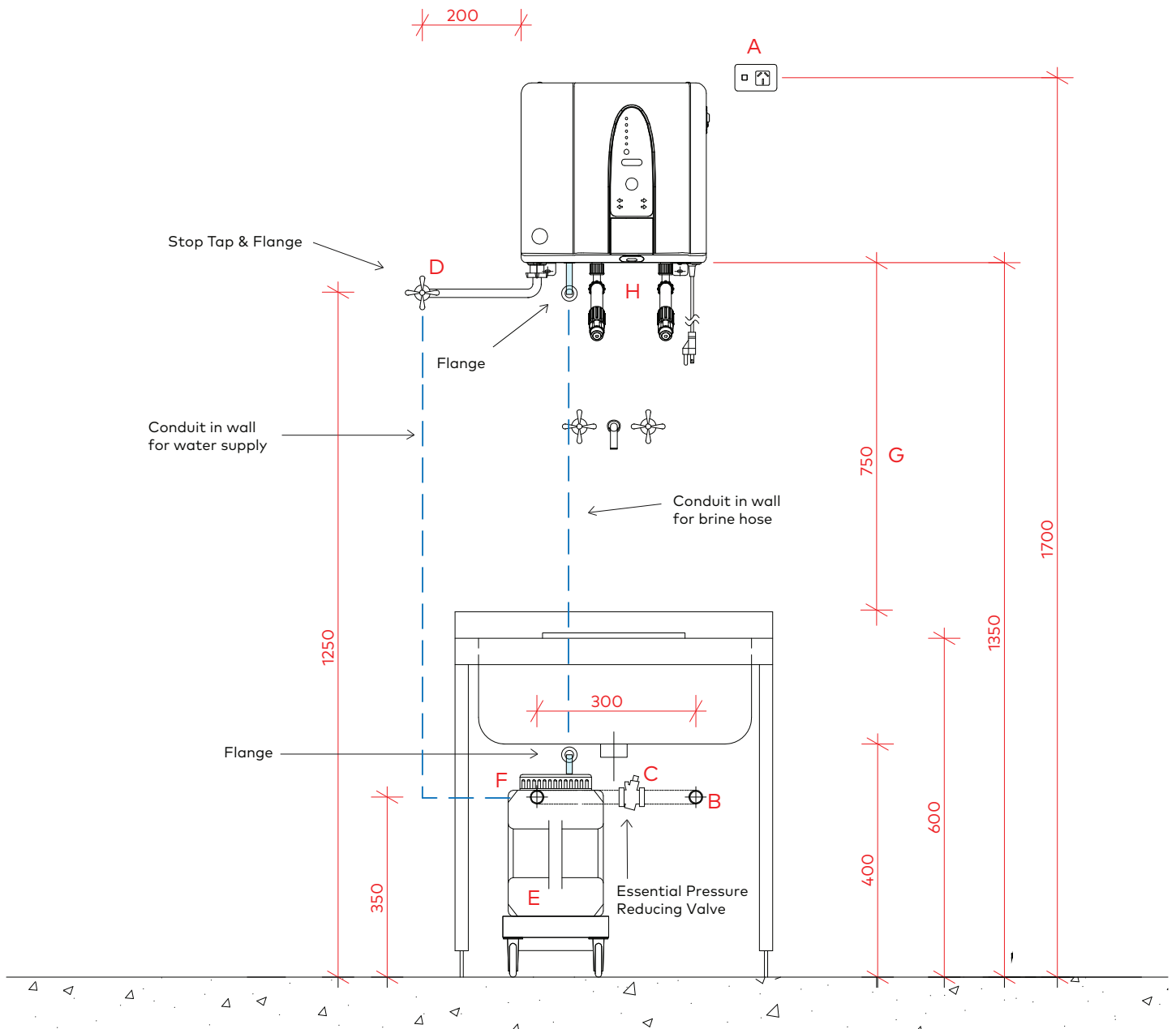
## STANDALONE SYSTEM KITCHEN SINK INSTALL DESIGN

- A. Position in **exact** mid point of double bowl sink (refer illustration).
- B. 240v 10 amp gpo located at 1700 mm to right of unit as per illustration and above unit.
- C. 13mm (1/2") cold water feed in wall from under sink.
- D. Pressure Reducing Valve (supplied and factory pre set) under sink.
- E. Stop tap located at 1250 to left hand edge of the Standalone system.
- F. 10 mm conduit from 600mm above ground to 1250 above ground on left hand side of unit next to cold water stop tap. Flange cap over conduit when brine hose fed through at installation.
- G. 5 Litre Brine tank (supplied) to sit on dolly or shelf (neither supplied), at approx 75mm mm above the ground with a minimum size 180mm x 180 mm.
- H. Note: Ensure 2x elbows (supplied) together with facuets are fitted with washers (supplied) as part of installation.



# STANDALONE SYSTEM CLEANER SINK INSTALL DESIGN

- A.** 240v 10 amp gpo located at 1700 mm to right of unit as per illustration and above unit.
- B.** 13mm (1/2") cold water feed in wall from under sink.
- C.** Pressure Reducing Valve (supplied and factory pre set) under sink.
- D.** Stop tap located at 1250 to left hand edge of the Standalone system.
- E.** 5 Litre Brine tank (supplied) to sit on dolly or shelf (neither supplied), at approx 75mm above the ground with a minimum size 180mm x 180mm.
- F.** 10 mm conduit from 350mm above ground to 1250 above ground on left hand side of unit next to cold water stop tap. Flange cap over conduit when brine hose fed through at installation.
- G.** Allow approx 750mm between top of sink and bottom of eWater System.
- H.** Note: Ensure 2x elbows (supplied) together with facuets are fitted with washers (supplied) as part of installation.



# ROX 10 STANDALONE SYSTEM INSTALLATION REFERENCES

1. The waterline has been run inside the wall from below and terminates beside the eWater unit on the wall above the sink and is connected with an "ezy hooker" from through a water valve to the eWater plant as shown in **image 5 & 6**.
2. The pressure reducing valve (supplied) and the isolation valve (not supplied) have been correctly and tidily installed under the sink for connection to the cold water feed as shown in **image 6**.
3. Note the position of the eWater plant in the exact middle of the double bowl sink, and correct height. With white 90 degree elbows connected to faucets under the plant as shown in **image 2**.
4. The brine tank should be located on a purpose built Dolly (could be a bench also - immediately under the sink) as shown in **image 3**.
5. The brine hose should be run inside the wall from below and terminate below the eWater unit on the wall above the sink as shown in **image 4 & 5**.
6. Power cable must be cut to length with GPO above and beside the unit as shown in image 2. Alternatively the power should be feed below the sink to a GPO as shown in **image 2**.

## 1. POWER SUPPLY



## 2. POSITIONING



### 3. BRINE TANK



### 4. BRINE HOSE BELOW



### 5. BRINE HOSE ABOVE



### 6. WATER LINE







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