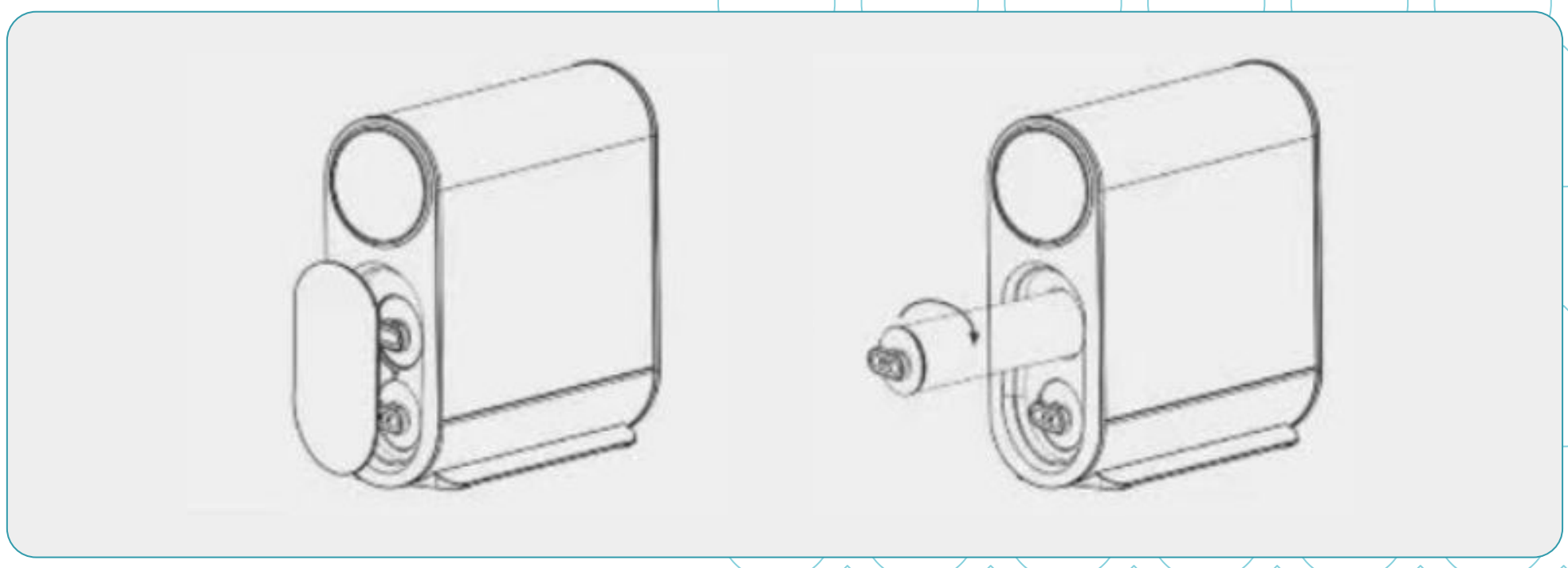
PureRevive - Fully Comprehensive Filtration

Key Features:

- **Top rated filtration effectiveness** of 0.0001 µm. Which is equivalent to 5 parts per million of a human hair. Such accuracy can theoretically filter out iodine, ruthenium, rhodium, tellurium, cobalt and strontium and so much more
- **Low Wastewater ratio** 67:33, while maintaining filtration accuracy
- **Alkaline Water:** With the additional Alkaline beads, the water is remineralised, increasing the pH level for healthy long term hydration.
- **Easy Change FIlters.** Swap out the filters without the need to touch the plumbing.



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The Filtration Systems inside the machine include the following

1. **PP (Needle Punched) Filter:**
   - Material: Made from needle-punched polypropylene.
   - Qualities: Highly effective at removing larger particles such as sediment, rust, and silt. The needle punching technique increases the durability and density of the filter, enhancing particulate retention and extending filter life.

2. **HI FOF (High Flow of Filtration) System:**
   - Material: Utilizes advanced materials tailored for high-capacity filtration.
   - Qualities: Designed to maintain high water flow rates while effectively reducing contaminants. Ideal for scenarios requiring large volumes of filtered water without a drop in pressure.

3. **Alkaline Beads:**
   - Material: Composed of a blend of mineral beads.
   - Qualities: Increases the pH of the water, making it alkaline. Alkaline water is associated with several health benefits, including improved hydration and antioxidant properties. The beads also add beneficial minerals such as calcium, magnesium, and potassium to the water.

4. **RO Membrane (Reverse Osmosis Membrane):**
   - Material: High-molecular polymer and aromatic polyamide membrane, imported from Dow.
   - Qualities: Exceptionally fine filtration that removes up to 99% of all contaminants, including bacteria, viruses, heavy metals, and organic compounds. The Dow membranes are known for their superior performance and reliability in producing clean, safe drinking water

5. **Activated Carbon Filter:**
   - Material: Made from coconut shell.
   - Qualities: Highly porous carbon that effectively absorbs and removes chlorine, odors, volatile organic compounds (VOCs), and taste-affecting chemicals. Coconut shell carbon is eco-friendly and recognized for its efficiency and long service life.

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- **2 litres per minute**
- **No holding tank**
- **Real Time Pure/Zero aging water:** This new design ensures the first flow of water is fresh drinking quality
- **Fingerprint-free** 304 stainless steel shell
- **Filter life reminder**
- **Automatic flushing and water production**
- **OWP intelligent protection**.

- **Horizontal Pumping:** Our pump is aligned in a horizontal configuration to provide even pressure distribution across the filter, enhancing the efficiency of the filtration process.

- **Fast Spin Filter Element:** The filter elements within the RO system are designed to spin quickly. The spinning action has several benefits:
  - **Self-Cleaning:** By spinning, the filter elements can help prevent the buildup of contaminants and scaling on the surface of the membrane, which typically reduces maintenance needs and prolongs the lifespan of the filter.
  - **Increased Efficiency:** The spinning action improves the contact between water and the filter media, enhancing the filtration efficiency and speeds up the filtration process.
  - **Better Contaminant Rejection**: Fast spinning helps in more effectively separating contaminants from the water as the centrifugal force pushes them away from the clean water flow.

- **New Generation:** The technology incorporates the latest advancements in filtration technology, offering improvements in energy efficiency, effectiveness, and user-friendly features compared to older systems.

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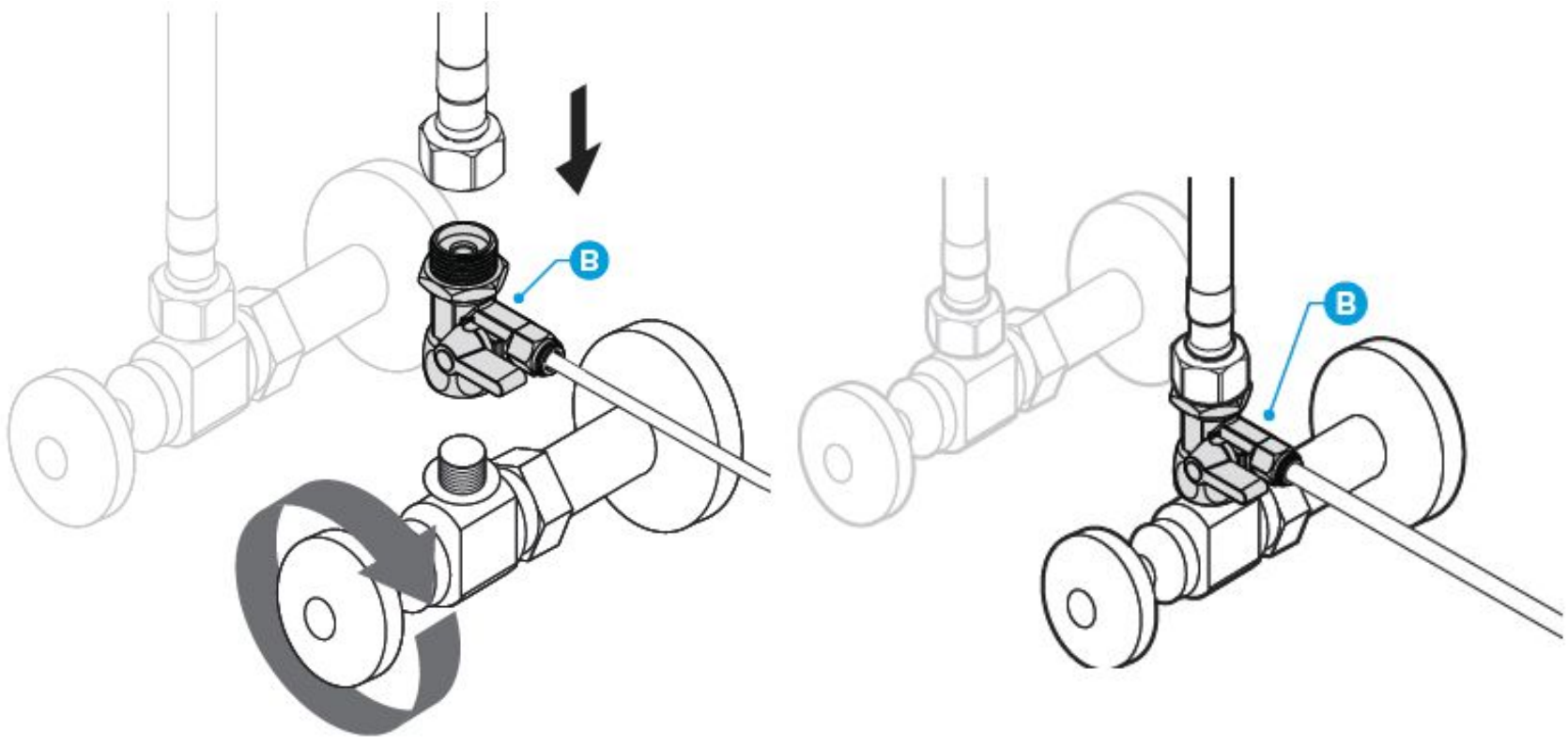
Installation

1. **Connect to the Cold Water Supply**
   a. Turn off and then disconnect the current cold water supply line.
   b. Connect the feed water adapter (B) to the cold water supply line.
   c. Twist the cold water supply line clockwise on top of the feed water adapter (B) until it is securely connected.

Caution: DO NOT CONNECT THIS WATER LINE TO A HOT WATER SUPPLY LINE. The water supply to the unit MUST be from the Cold Water Line. Using Hot Water will severely damage your filters.

Rated Voltage / Frequency	220V ~ / 50Hz
Rated Power	30W
Inlet water pressure	0.1MPa - 0.4MPa
Pure water production flow	2L per minute
Rated total pure water volume	5000L
Applicable water temperature	5° Celsius - 38° Celsius



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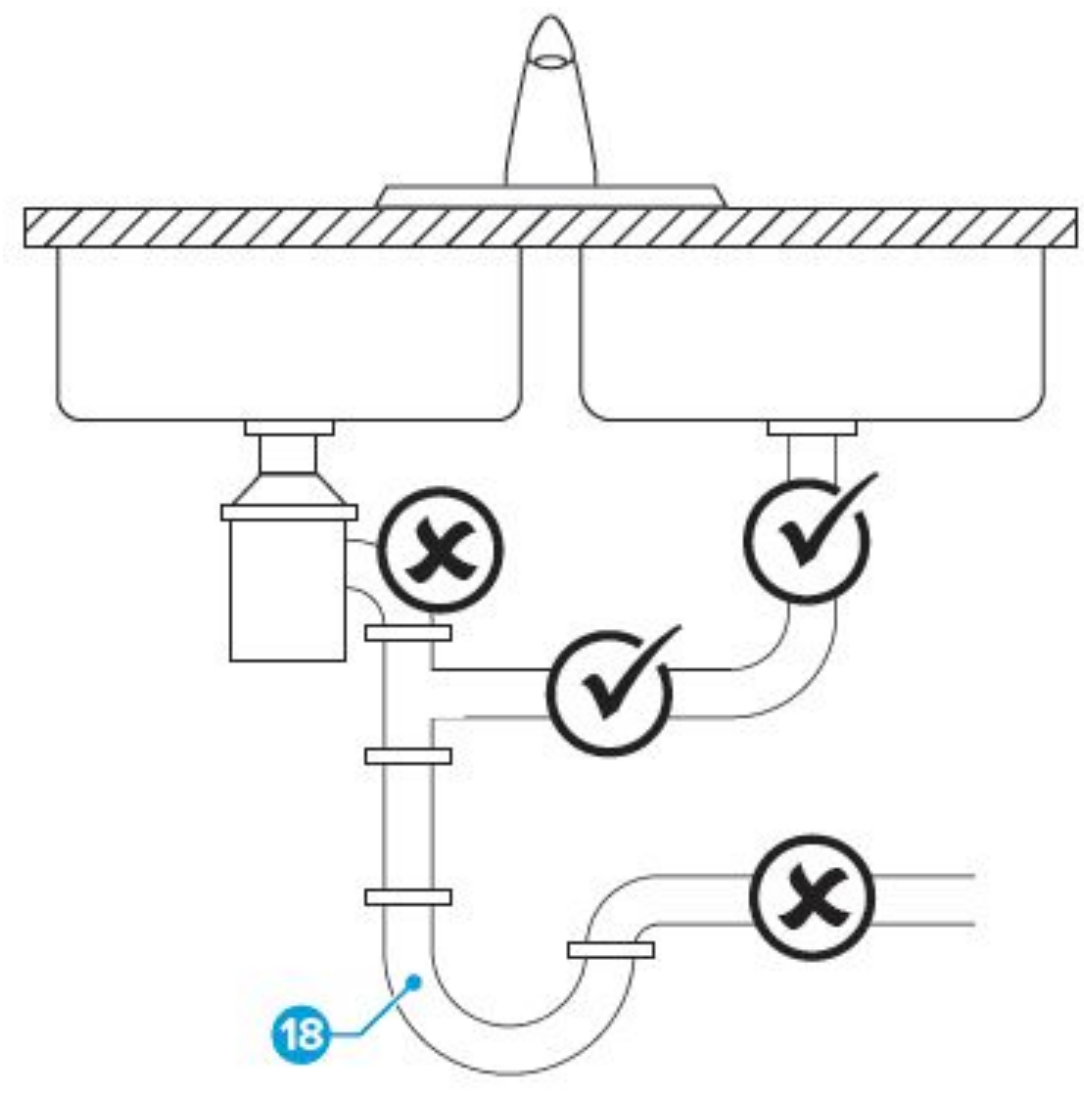
2. Install the Reverse Osmosis Drain Saddle

The “RO” filter assembly requires a drain line connection to be installed, which removes rejected water to the sewer. The drain saddle connects the drain line from the dispenser to your drain pipe. The drain saddle is designed to fit around a standard 1.5 in. OD (outer diameter) drain pipe.

- Always install the drain saddle before the P-trap (18). Ensure the drain saddle is in place on the vertical or horizontal section of the pipe.

- To avoid clogging the drain line with debris, do not install the drain saddle on a section of piping that is located after the drain pipe meets a garbage disposal or dishwasher drain.



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3. Install the Reverse Osmosis Drain Saddle

A. Determine the location for your drain saddle (C) and then make a mark on the drain pipe for the opening (19).

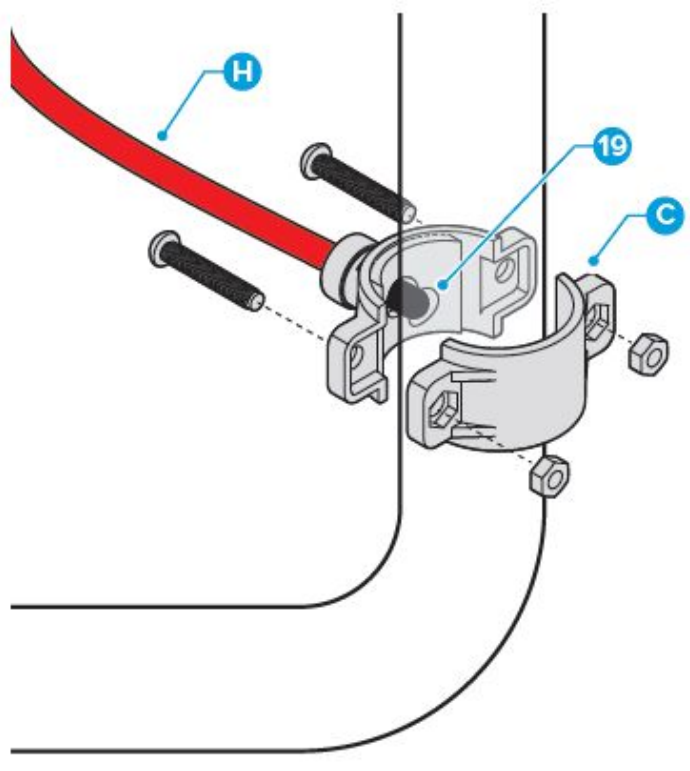
B. Use your drill and a 1/4 in. drill bit to create a hole at the mark, ensuring you only drill through one side of the drain pipe.

C. Find the half of the drain saddle (C) with the hole in the center, remove the backing from the foam gasket, align the gasket with the hole on the drain saddle (C), and stick the adhesive side of the gasket to the drain saddle (C).

D. Position both halves of the drain saddle (C) on the drain pipe with the saddle's opening aligned over the drilled hole, and insert your drill bit through the saddle (C) and drilled hole to ensure proper alignment.

E. Secure both ends of the drain saddle (C) together using the bolts and nuts, but do not overtighten.

F. Connect the drain water tube (H) to the drain saddle (C).



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4. Make the connections

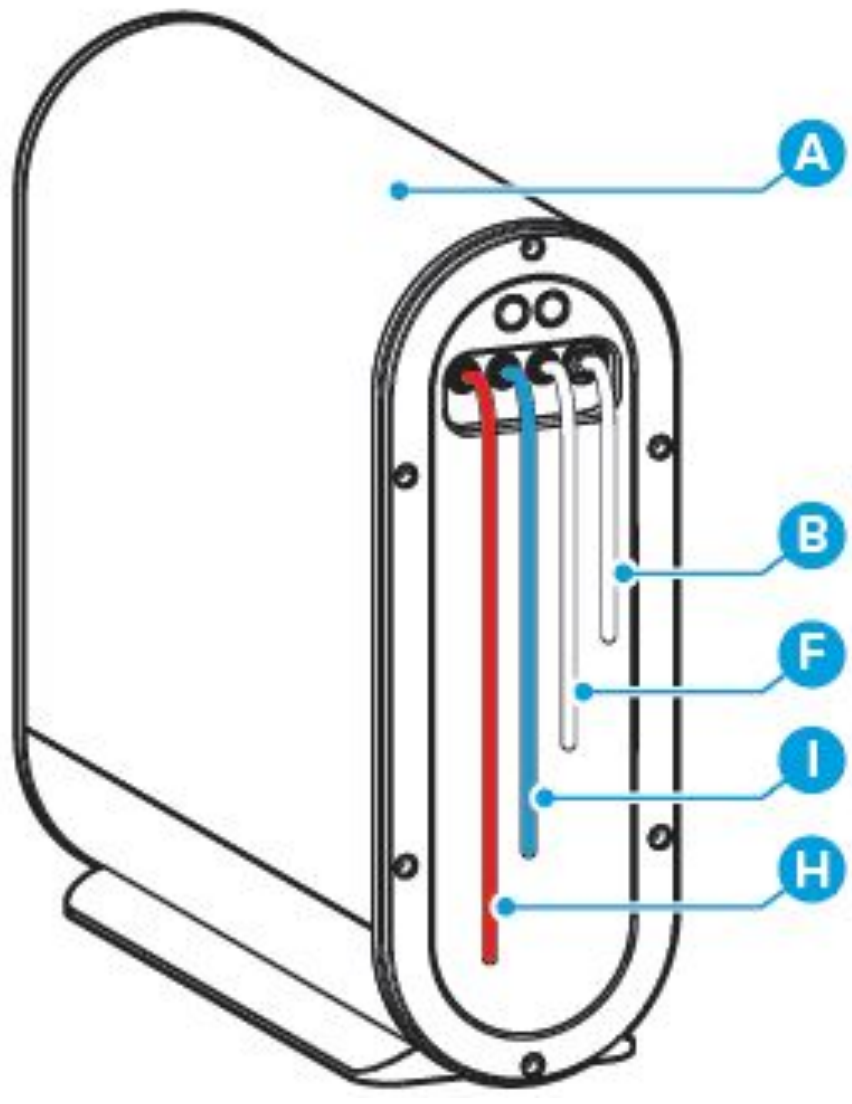
Connect the white tubes (F, B, H, and I) to the back filtration unit (A) as shown below.

B = Inlet

F = Comprehensively filtered Water

I = Filtration without the RO membrane. (optional for dual source taps). If you have single source tap or are connecting this to another machine, simply leave the plug in.

H = Wastewater to connect to the waste saddle



Use locking clips (K) to secure the tubes.

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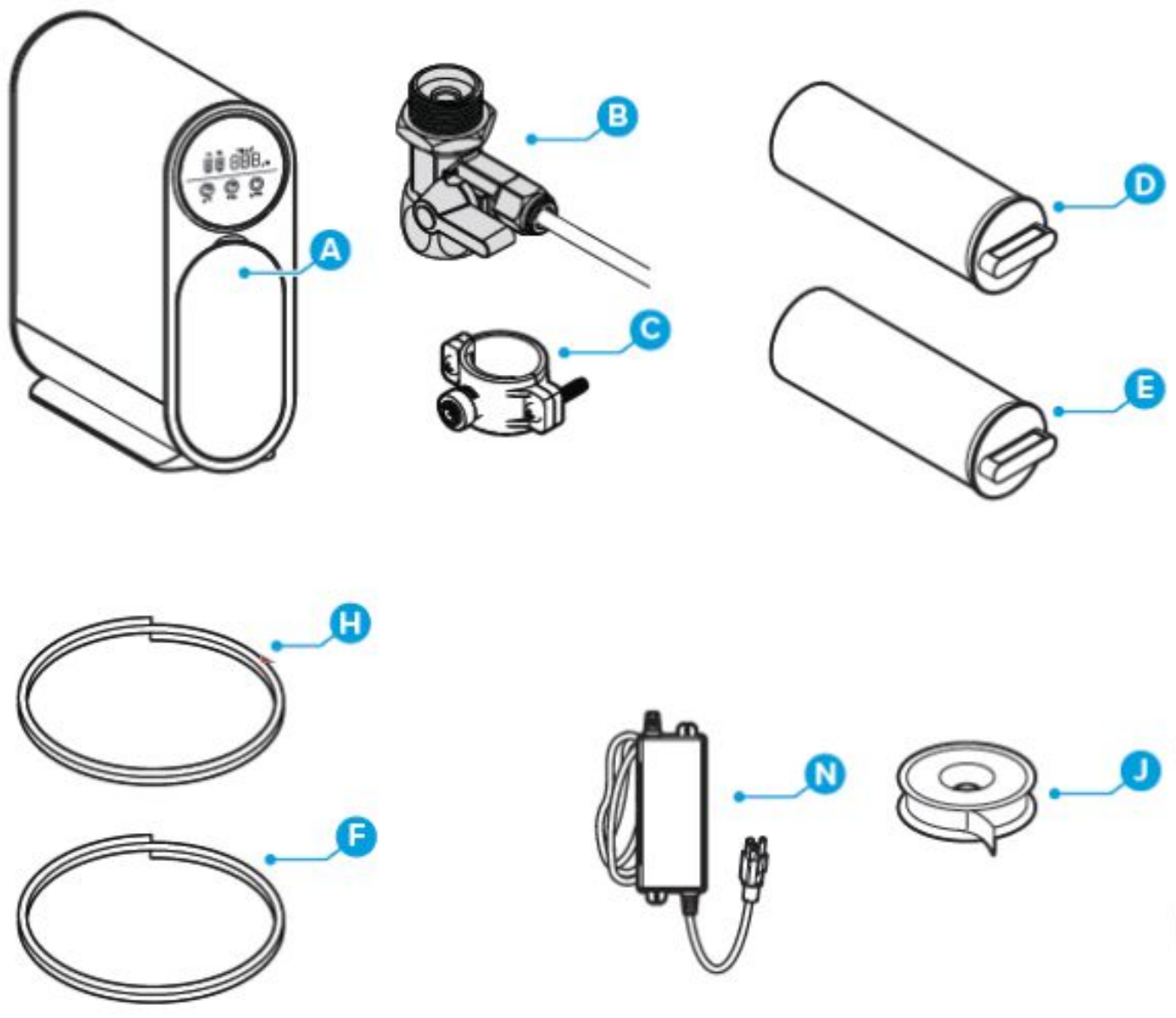
Intended use:

The Filtration is intended to be used in households and similar applications.

Package Contents



Part	Description
A	RO filtration unit
B	Feed water T-Line Diverter Valve
C	Drain saddle
D	PC filter (top compartment)

E	RO filter (bottom compartment)
F	¼" RO filtered water tube (white)
H	⅜" Inlet tube
N	Power adapter
J	Teflon tape

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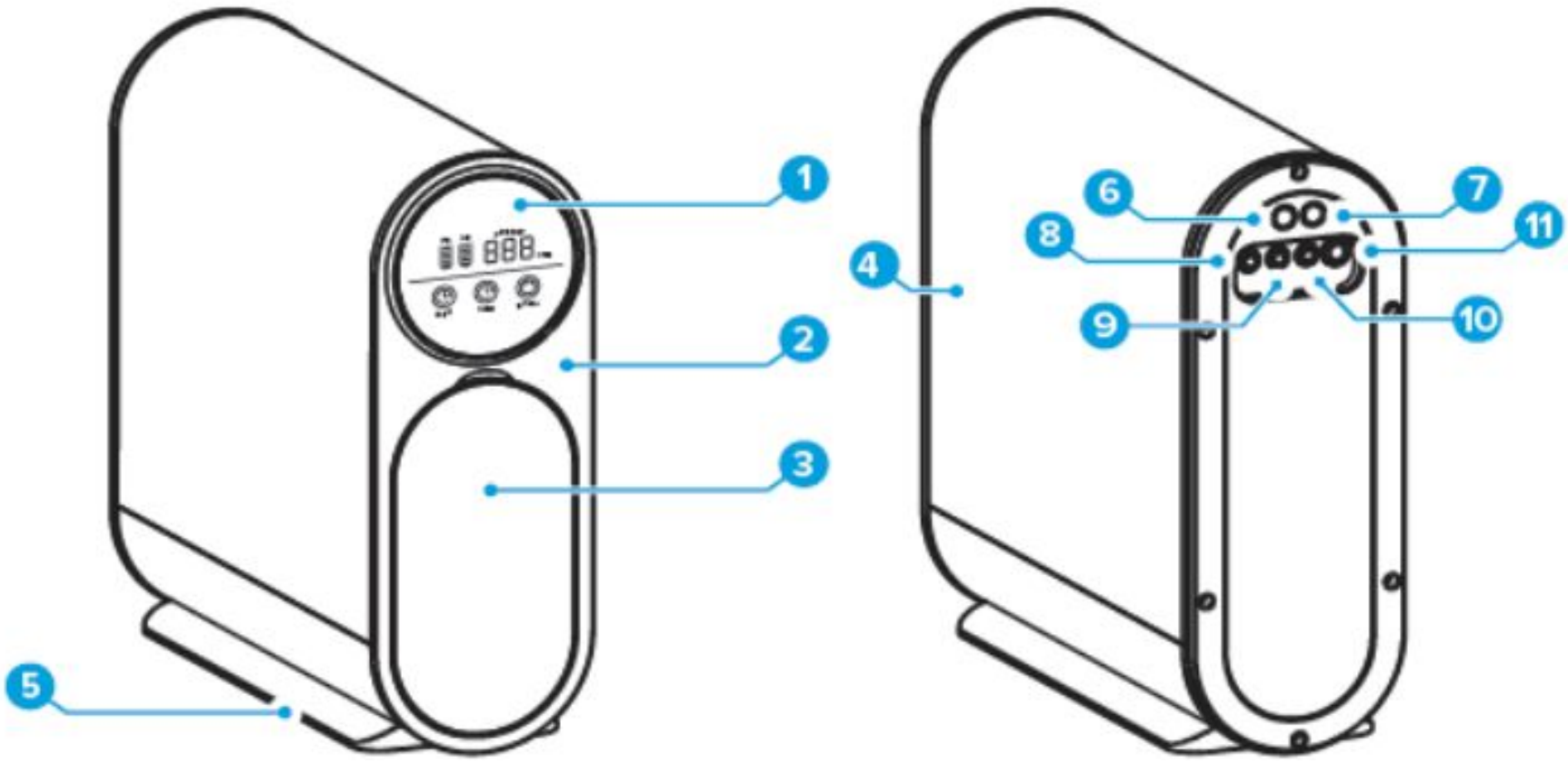
Reference

Product Features/Description



Item	Description
1	Display Screen
2	Front Unit
3	Filter Cover
4	Back of unit
5	Base

6	Power port
7	Smart faucet port (optional)
8	Waste Water
9	Part Filtered Water Port (Optional, no RO)
10	Fully Filtered Water Port
11	Feed water port (inlet)

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Display Screen Description

12 - Filter Life indicators:
When all 5 bars are steadily illuminated white, filter life is new. When bottom bar is illuminated yelloe and the unit beeps 3 times, there are 15 days of filter life left.
When bars are flashing, the filter has expired and needs to be replaced.

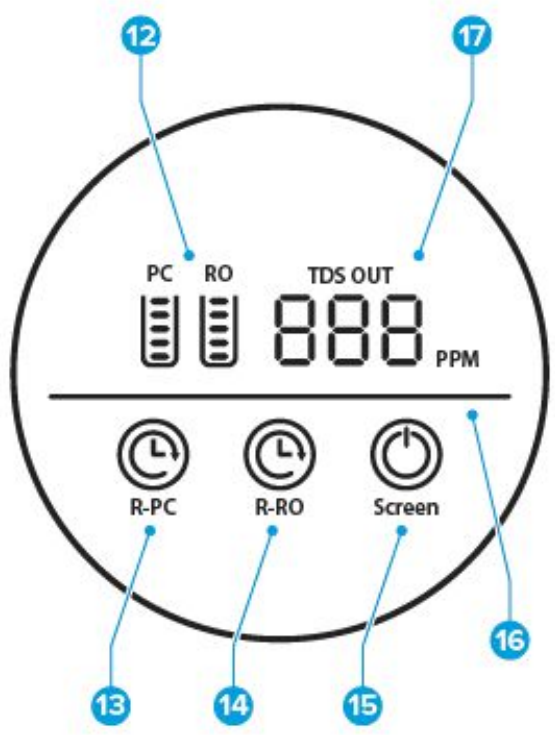
13 - R-PC button: After replacing PC filter, press and hold R-PC button for 3 seconds, until the uni beeps once, to reset filter life expectancy. The fitler will automatically flush for 5 minutes. Do not use this water.

14 - R-RO button: After replacing RO filter, press and hold R-RO button for 3 secons, until the unit beeps once, to reset filter life expectancy. Dispense RO water and flush the filter for 5 minutes. Do not use this water.

15 - Screen Button: Tap Screen button to illuminate icons on display screen. After 30 minutes of inactivity, display screen will revert to Standby mode.

16 - Light Streip: Illuminates when the unit is on and functioning

17 - TDS Display: Real-time numerical display that updates the TDS Values every 10 seconds. The TDS range is 1ppm - 999 ppm



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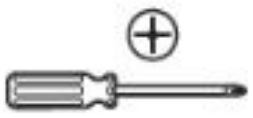
Materials Needed:



Phillips-Head Screwdriver

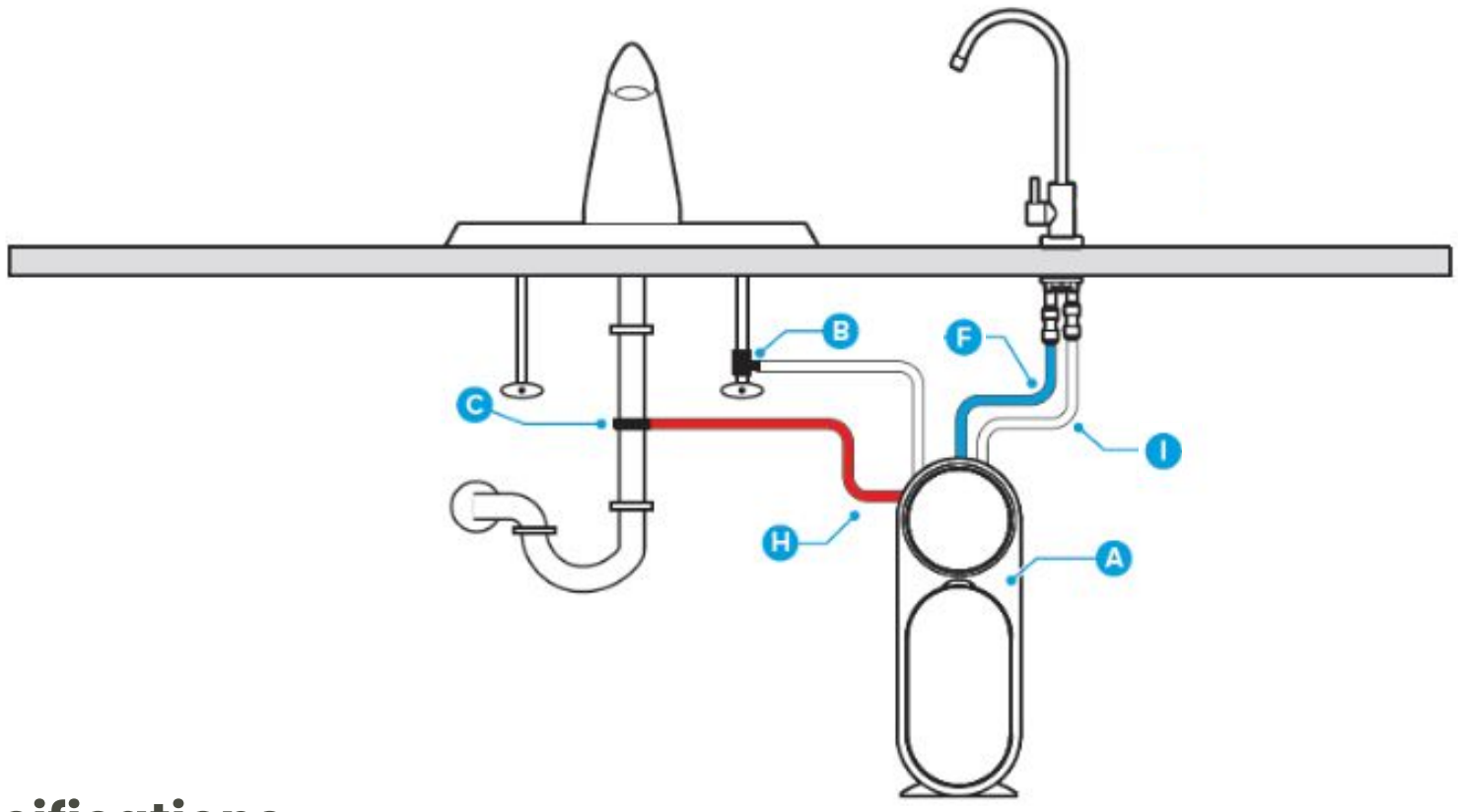
Adjustable Wrench

Power Drill

1/4" Drill Bit (for Drain Saddle Valve)

1" Drill Bit (for Faucet Hole)

Installation Overview



Specifications

Model No.	S3-800G
Dimensions (WxHxD)	15.24 x 40.89 x 41.91 cm
Feed Water Pressure	14.5—87 psi
Feed Water Temperature	5-38 °C
Feed Water Requirement	Municipal Tap Water
Daily Production Rate	600 GPD
Rated Voltage	Input 100-240V, 2.5A, 50-60Hz RO system: DC 24V, 4A

A	PureRevive
B	T-Line Diverter Valve
C	Waste Saddle
F	Fully Filtered Water
I	Part Filtered - Without RO. (optional for dual source taps). If you have single source tap or are connecting this to another machine, simply leave the plug in.
H	Waste Water

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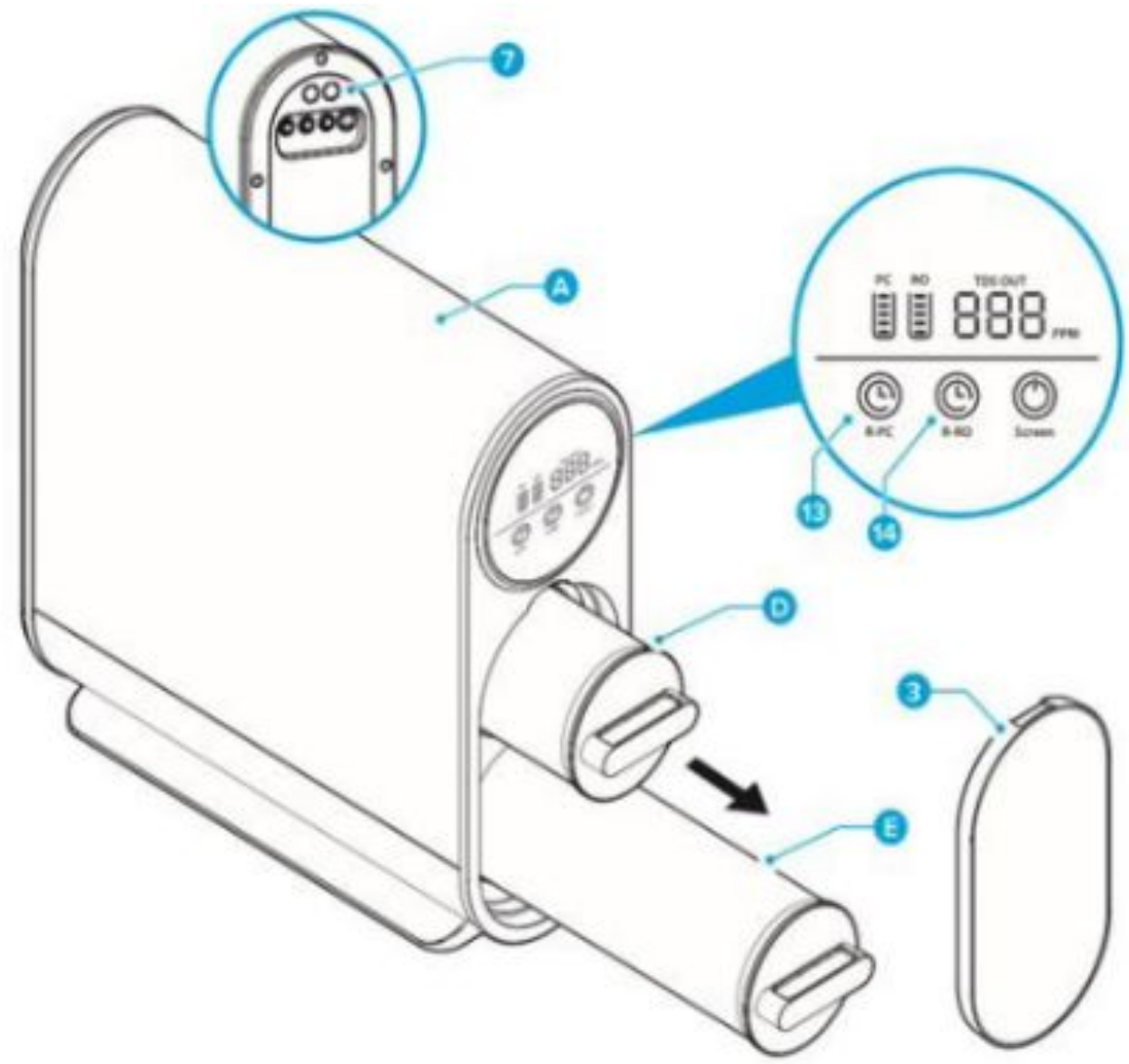
Filter Replacement

1. Insert your finger into the small opening at the top of the filter cover (3) and the pull the cover toward you to remove it.
2. Remove the filter thats needs to be replaced by rotating the filter handle counterclockwise to unlock it from its compartment. The PC filter (D) is housed in the top compartment, and the RO filter (E) is housed in the bottom compartment.
3. Slide the new filter in and rotate it clockwise to lock it into place. Snap the filter cover (3) back onto the RO filtration unit (A).
4. Press the reset button first, then select the desired option by pressing the selection button. Choose "RO" or "PCC" and then press the reset button for 3 seconds to complete the reset.

Note: When the filter indicator lights on the display screen start flashing, it indicates that it is time to replace your filter.



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