

INSTALLATION INSTRUCTIONS

Installing Your HWFA Reverse Osmosis System

For the HWFA 4-stage and 5-stage undersink systems


Fits both systems

Same steps for 4-stage and 5-stage


Cold water only

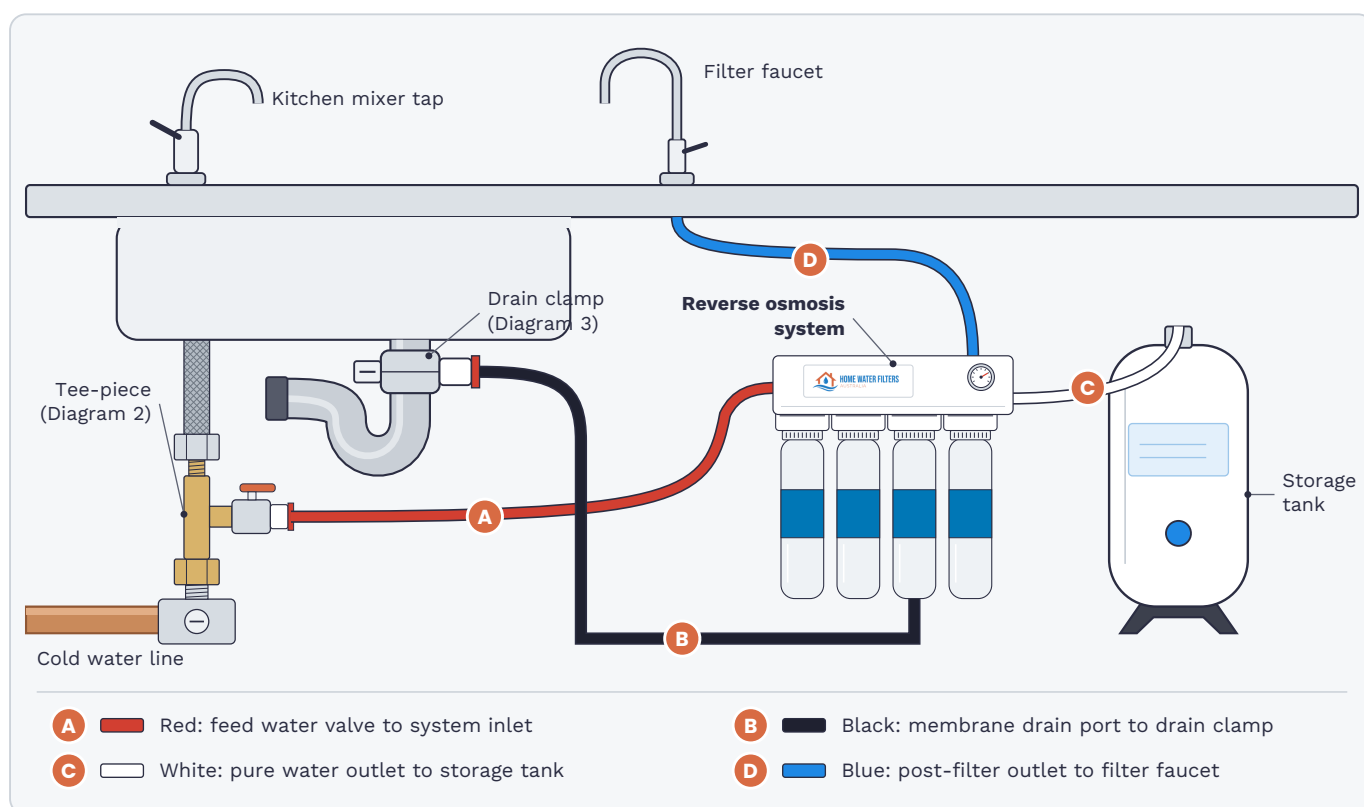
Hot water will damage the membrane


Allow a few hours

For the tank to fill the first time

Before you start. These instructions cover both HWFA reverse osmosis systems. The plumbing is the same: the 5-stage system simply has its alkaliser mounted in front of the cartridges. Read all the steps first, then lay out the parts: tee-piece, drain clamp, filter faucet, storage tank, tank tap, tubing and self-tapping screws.

DIAGRAM 1 Undersink setup



What you will need

- ✓ Drill and metal drill bits
- ✓ 6 mm (1/4-inch) drill bit
- ✓ 13 mm (1/2-inch) metal drill bit
- ✓ Centre punch
- ✓ Screwdriver
- ✓ Plumber's tape


Check the space

The 4-stage system measures 32 x 42 x 11 cm and the 5-stage 32 x 42 x 17.5 cm (W x H x D). Allow room below for changing cartridges.


Keep the tubes full length

The tubes are supplied at the right length for most kitchens. We recommend not shortening them.


PLEASE READ CAREFULLY BEFORE STARTING INSTALLATION

Connect the system to the **cold water line only**. Feeding the system with hot water will damage the membrane. Turn off the water supply before you begin (step 2). *No ministop under the sink? Turn off the main water supply at the meter.*

Step-by-step installation

1 Choose a location

Choose a spot under the benchtop that is easy to reach for maintenance. Fix the system to the cupboard wall with the self-tapping screws supplied, leaving approx. 50 mm (2-inch) of space for changing the cartridges. The system can also stand freely on the cupboard base, or even on its side.

2 Shut off the water supply

Locate the ministop valve on the cold water line (Diagram 2) and close it. Open the cold side of the kitchen tap to make sure the line is fully shut off and drained.

3 Fit the tee-piece

Unscrew the braided hose from the ministop valve. Screw the 1/2-inch female / male tee-piece onto the ministop, then re-attach the braided hose to the top of the tee (Diagram 2).

4 Fit the drain clamp

Choose a spot for the drain clamp above the trap, with room to drill. Position the clamp on the drain pipe and tighten the tightening screw (Diagram 3). Unscrew the quick-fit connector and drill a 6 mm (1/4-inch) hole in the drain pipe through the opening in the clamp. Clean away any debris, then refit the quick-fit connector.

DIAGRAM 2 Tee-piece assembly

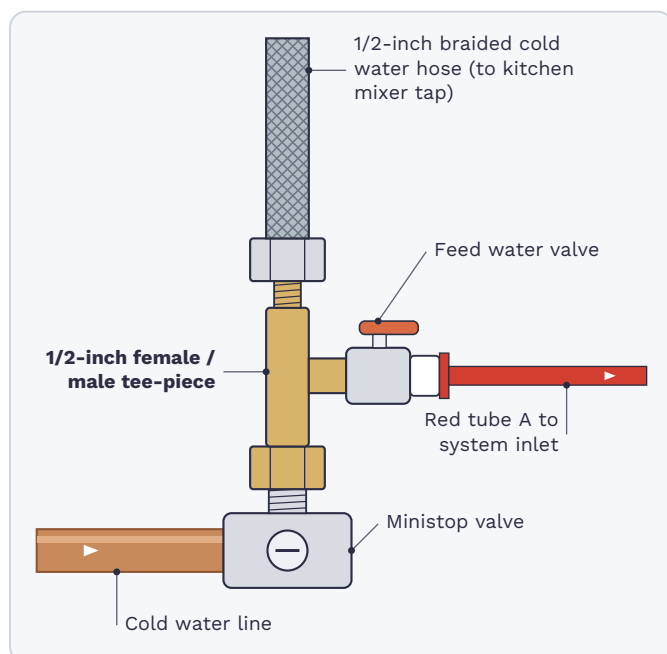
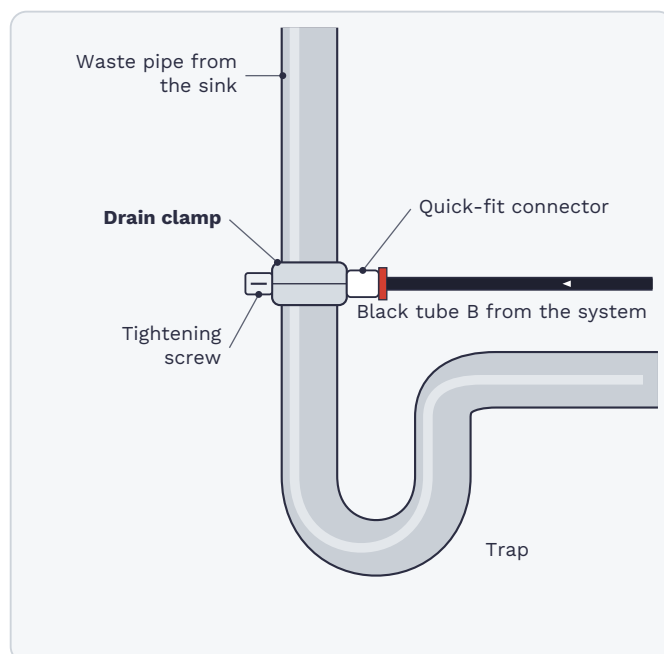


DIAGRAM 3 Drain clamp


Fitting the optional Leak Stopper?

The solenoid shut-off valve fits between the ministop and the tee-piece. See the Leak Stopper & Filter Life Monitor brochure.


Garbage disposal unit?

Where applicable, fit the drain clamp away from any electric garbage disposal unit.

Step-by-step installation (continued)

5 Install the filter faucet

Choose a flat spot on the benchtop at least 50 mm (2-inch) across and check underneath for anything in the way. Mark the spot with a centre punch, drill a pilot hole with a metal drill, then enlarge it with a 13 mm (1/2-inch) metal drill bit. Place the faucet body, chrome plate and black rubber washer above the benchtop. Underneath, fit the black locating washer, lock washer and nut, then tighten firmly with the faucet facing the right way. Fit the quick-fit connector to the end of the faucet (Diagram 4).

6 Position the storage tank

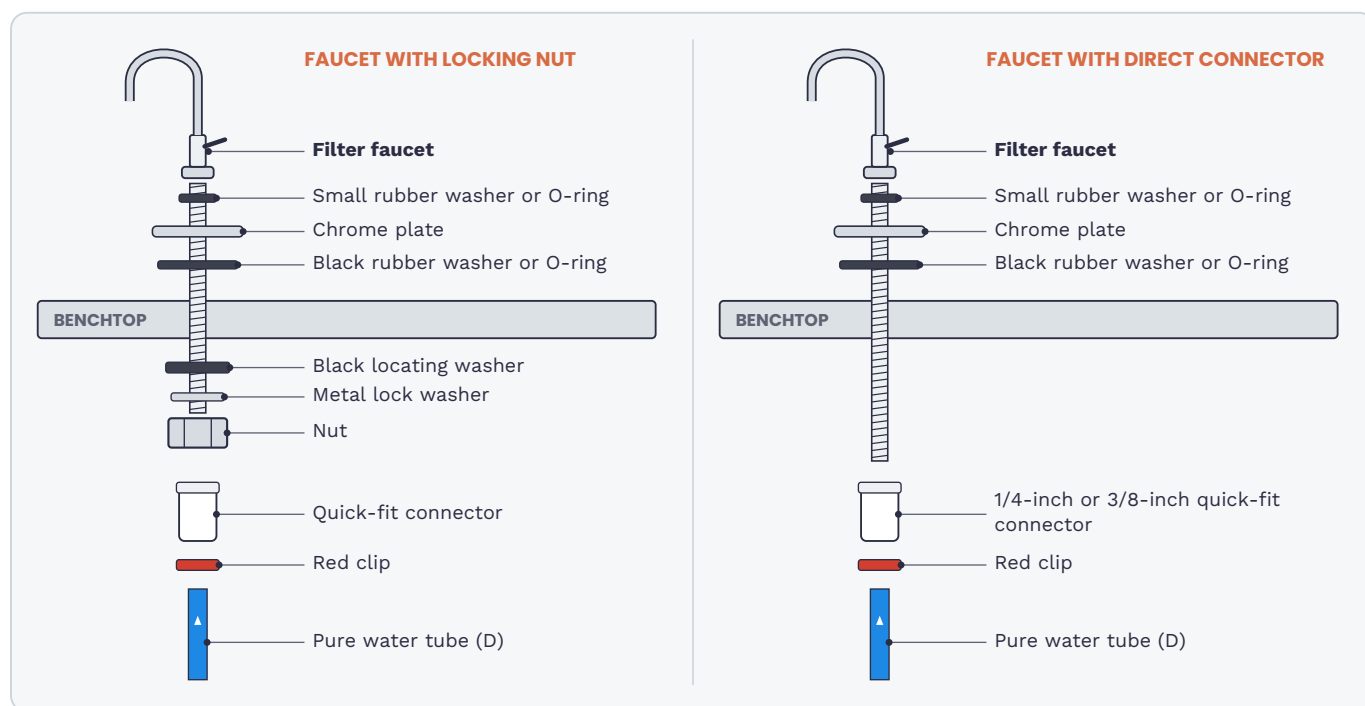
Place the storage tank in a convenient spot, upright or on its side. Wrap the tank thread with a few turns of plumber's tape, then screw on the tank tap.



DO NOT OVERTIGHTEN THE TANK TAP

Overtightening the tank tap on the tank thread may split the tap body and cause a leak. Hand-tight plus a little more is enough.

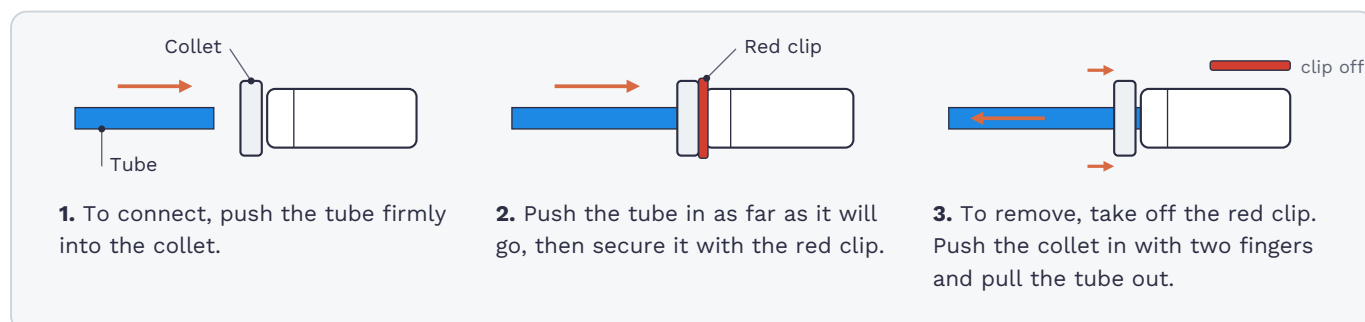
DIAGRAM 4 Faucet installation



7 Connect the tubes

Connect tubes A to D as shown in Diagram 1, using the push-fit connections in Diagram 5. Make sure each tube end is cut straight, with a clean, even edge.

DIAGRAM 5 Push-fit tube connections



Starting your system

8 Start the system

Check that the tank tap and filter faucet are closed. Slowly open the ministop valve fully, then check the system, plumbing and drain line for leaks. If there are none, open the filter faucet and wait until it starts to drip. Then open the tank tap and close the filter faucet. Wait a few hours for the tank to fill: the time depends on water pressure, temperature and tank size.

9 Flush and check

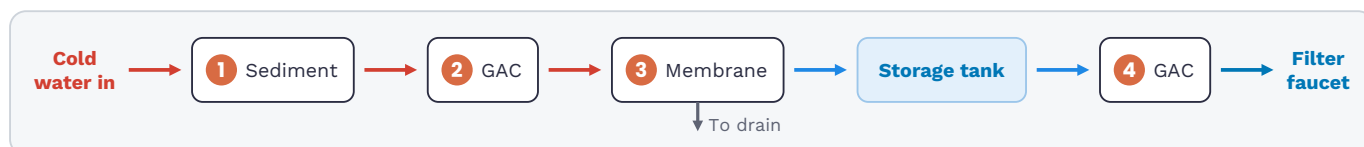
Open the filter faucet and let the water run until all the air has been pushed out. At first the water may look slightly discoloured or bubbly: this clears within a few minutes. Close the faucet, wait 15 minutes, then check every connection for leaks again. Your system is now working.

i Going away?

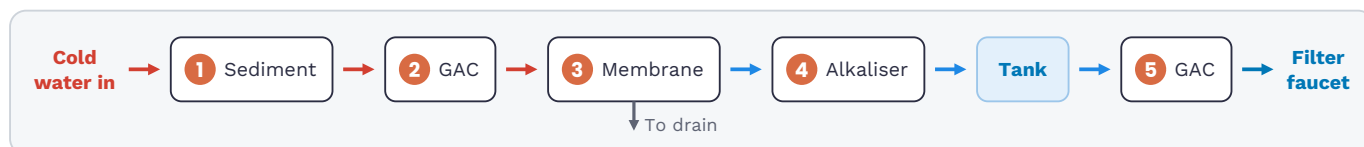
When you are away for an extended period, shut off the water supply to the system (step 2).

DIAGRAM 6 How water flows through your system

HWFA 4-STAGE SYSTEM



HWFA 5-STAGE SYSTEM



i Why the tank comes before the final filter

Pure water is stored in the tank. Each time you open the filter faucet, it passes through the final GAC post-filter, so every glass gets a fresh polish.

Installation checklist

- ✓ Connected to the cold water line only
- ✓ Tee-piece fitted, braided hose re-attached
- ✓ Drain clamp fitted above the trap
- ✓ Tubes A to D pushed fully in and clipped
- ✓ Tank tap open, filter faucet closed to fill
- ✓ Connections rechecked after 15 minutes

Need a hand?

07 5221 5538

support@homewaterfilters.com.au
homewaterfilters.com.au