

SYSTEM 40

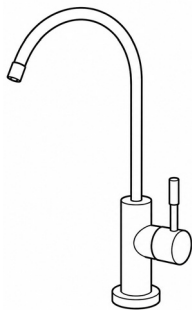
Eco Filters System 40 Starter Kit

Thank you for purchasing your System 40 Under Sink Water Filter starter kit.

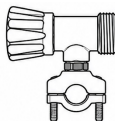
When correctly installed onto a municipally treated cold water supply, your System 40 will provide high quality filtered drinking water for **up to 3 years or 40,000 litres**, whichever comes first.

Your System 40 includes:

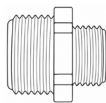
Drinking Water Tap



Opella Valve



Reducing Adaptor



Stainless Steel Braided Hoses



Inlet hose: 3/4" female connection to 3/8" push-fit.



Outlet hose: 1/2" female connection to 3/8" push-fit.



BT1 Water Filter

Installation Fittings



IMPORTANT

- Protect the filter from freezing and extreme temperatures before and after installation.
- If your water pressure exceeds 4 bar (58 psi) we recommend fitting a pressure reducing valve.
- This filter must only be connected to a cold mains water supply.

**EAST MIDLANDS
WATER** co



Fitting your filter to an
existing kitchen tap



WARNING: Install the filter only on the cold-water pipe that directly supplies the tap. If the same pipe also supplies an appliance, a suitable water-shock arrestor may be required.

STEP 1 - POSITION THE FILTER

Place the BT1 filter upright in a convenient and accessible position beneath the sink.

Before connecting the hoses, check that:

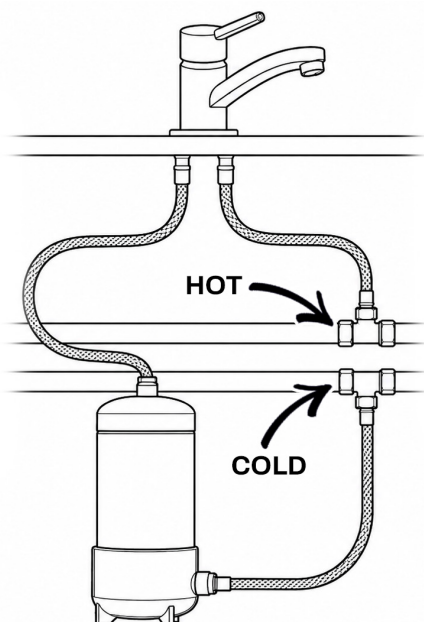
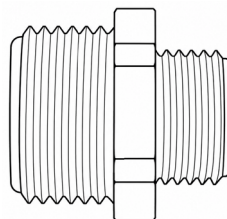
- Both hoses reach their connections without being stretched.
- The hoses can form smooth, gentle curves.
- The hoses are not twisted, crushed or kinked.
- There is enough space to replace the filter in the future.

Do not place heavy objects on the filter or hoses.

Optional adaptor

If your existing cold-water connection is $\frac{1}{4}$ " , fit the supplied $\frac{1}{2}$ " to $\frac{1}{4}$ " adaptor before connecting the braided hose.

Only use the adaptor where required. Ensure all sealing washers are present in the hoses and tighten securely without overtightening.



STEP 2 - CONNECT THE HOSES

The two braided hoses have different sized female connections:

Inlet hose: $\frac{3}{4}$ " female connection to $\frac{3}{8}$ " push-fit.
Outlet hose: $\frac{1}{2}$ " female connection to $\frac{3}{8}$ " push-fit.

Turn off the cold-water supply before disconnecting any plumbing.

1. Connect the inlet hose

- Screw the larger $\frac{3}{4}$ " female connection onto a suitable existing cold-water connection or isolation valve.
- Hand-tighten, then gently tighten with a suitable spanner. Do not overtighten.
- Push the $\frac{3}{8}$ " push-fit end firmly into the connection at the base of the filter.

2. Connect the outlet hose

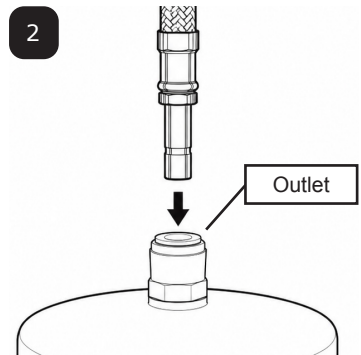
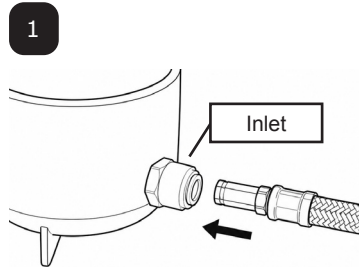
- Disconnect the existing cold-water hose from beneath the tap.
- Screw the smaller $\frac{1}{2}$ " female connection of the outlet hose onto the tap's cold-water inlet.
- Hand-tighten, then gently tighten with a suitable spanner. Do not overtighten.
- Push the $\frac{3}{8}$ " push-fit end firmly into the connection at the top of the filter.

3. Check the connections

- Push each push-fit fully into the filter, then pull back gently to confirm it is securely locked.
- Check that all threaded connections are secure and both hoses remain free from twists and kinks.

3. Check the connections

Push each fitting fully into the filter, then pull back gently to confirm that it is securely locked. Check that both hoses remain free from twists and kinks.



STEP 3 - TURN ON AND FLUSH

- Set the tap to the cold-water position and open it fully.
- Slowly turn the cold-water supply back on and allow the filter to fill.
- Check every connection for leaks. If a leak is found, turn off the cold-water supply before adjusting it.
- Allow the water to run for approximately 15 minutes at no more than 2 litres per minute.
- The first water may appear dark due to loose carbon particles. This is completely normal.
- Once the water runs clear, close the tap.

Your System 40 is now ready to use.



Fitting your filter and the
dedicated drinking water tap

STEP 1 - FIT THE DRINKING WATER TAP

1. Choose the tap position

- Choose a suitable position on the sink or worktop.
- Check that there is enough clearance above and below the chosen position before drilling.

2. Drill the tap hole

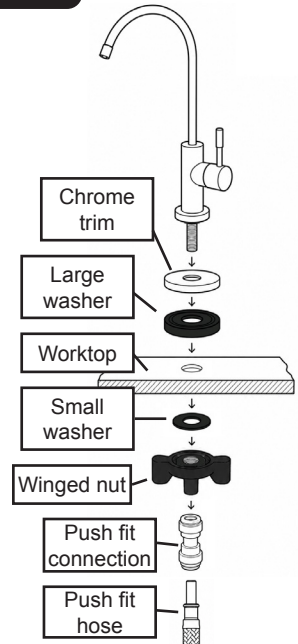
Using a suitable ½" drill bit or cone drill, carefully drill a hole through the sink or worktop.

3. Fit the tap

- Arrange the tap, washers and fixing nut in the order shown in the diagram.
- Pass the threaded tap stem through the drilled hole.
- From beneath the sink, fit the supplied lower washer and securing nut.
- Hold the tap upright and tighten firmly. Do not overtighten.

4. Connect the outlet hose

- Screw the smaller ½" female connection of the outlet braided hose onto the threaded stem beneath the drinking water tap.
- Hand-tighten, then gently tighten using a suitable spanner. Do not overtighten.



STEP 2 - FIT THE OPELLA CONTROL VALVE

1. Identify the cold water pipe

Remove the valve from the bracket by unscrewing anti-clockwise.

2. Close the valve

Before installation, turn the Opella valve handle fully clockwise into the closed/OFF position.

3. Position the valve

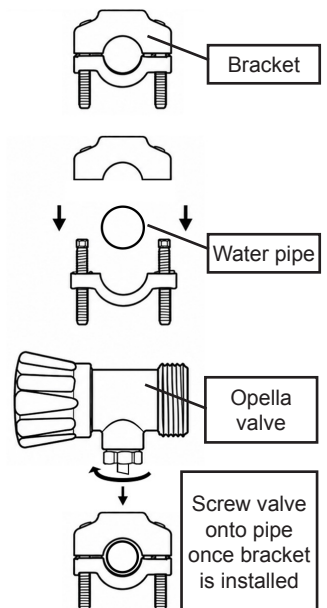
- Choose a clean, straight and accessible section of the cold water pipe.
- Place the valve body over the pipe and position the lower clamp beneath it.
- Insert the two securing screws.

4. Secure the valve

Tighten both screws evenly, alternating between them until the valve is held firmly in position. Do not overtighten or distort the pipe.

5. Pierce the pipe

- Turn the valve fully clockwise until the piercing point has passed through the pipe wall.
- Leave the valve in the fully closed position until the filter and both braided hoses have been connected.





WARNING: Install the filter only on the cold-water pipe that directly supplies the tap. If the same pipe also supplies an appliance, a suitable water-shock arrestor may be required.

STEP 3 - POSITION THE FILTER

Place the BT1 filter upright in a convenient and accessible position beneath the sink.

Before connecting the hoses, check that:

- Both hoses reach their connections without being stretched.
- The hoses can form smooth, gentle curves.
- The hoses are not twisted, crushed or kinked.
- There is enough space to replace the filter in the future.

Do not place heavy objects on the filter or hoses.

STEP 4 - CONNECT THE HOSES

The two braided hoses have different sized female connections:

Inlet hose: $\frac{3}{4}$ " female connection to $\frac{3}{8}$ " push-fit.
Outlet hose: $\frac{1}{2}$ " female connection to $\frac{3}{8}$ " push-fit.

1. Connect the inlet hose

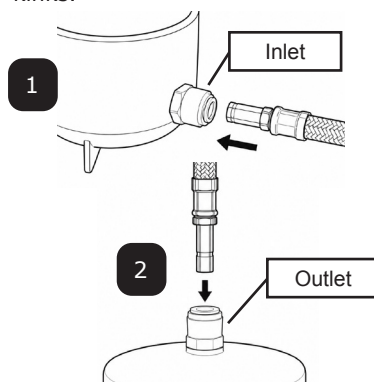
- Screw the larger $\frac{3}{4}$ " female connection onto the threaded outlet of the Opella valve.
- Hand-tighten, then gently tighten with a suitable spanner. Do not overtighten.
- Push the $\frac{3}{8}$ " push-fit end firmly into the connection at the bottom of the filter.

2. Connect the outlet hose

- The smaller $\frac{1}{2}$ " female connection must be attached beneath the drinking water tap (as in Step 1).
- Push the $\frac{3}{8}$ " push-fit end firmly into the connection at the top of the filter.

3. Check the connections

Push each fitting fully into the filter, then pull back gently to confirm that it is securely locked. Check that both hoses remain free from twists and kinks.



STEP 5 - TURN ON AND FLUSH

- Open the drinking water tap fully.
- Slowly open the Opella valve and allow the filter to fill.
- Check every connection for leaks. If a leak is found, close the Opella valve before adjusting the connection.

Allow the water to run for approximately 15 minutes at no more than 2 litres per minute.

- The first water will appear dark whilst the carbon is activating. This is completely normal.
- Once the water runs clear, close the drinking water tap.

Your System 40 is now ready to use.



SCAN BELOW TO ORDER REPLACEMENT FILTERS



Replacement BT1 3-Year Water Filter for System 40

Keep your System 40 performing at its best by replacing the BT1 filter at the recommended interval.

The BT1 filter should be replaced after 3 years or 40,000 litres, whichever comes first.

Replacing the filter at the correct interval helps maintain optimum filtration, water quality and flow performance.

For best results, only use genuine East Midlands Water BT1 replacement filters designed for the System 40.

Scan the QR code above to order your replacement BT1 filter online for fast UK delivery.

Need Help or Advice?

Our technical support team is here to help with:

- Replacement filter guidance
- Hose and push-fit connection advice
- Installation and flushing support
- Troubleshooting
- General maintenance advice



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