MODEL BT65
Whole House Water Filter

Thank you for purchasing your BT65 Whole House Water Filter.

The BT65 is designed to filter the incoming mains water supply before it is distributed throughout your property.

When correctly installed onto a municipally treated cold water supply, your BT65 will provide high quality filtered drinking water for:

Standard Model: up to 3 years or 650,000 litres
High Capacity Model: up to 3 years or 1,350,000 litres

Your BT65 includes:

Stainless Steel Braided Hoses

BT65: 15mm or 22mm

BT65 High Capacity: 1-inch fitting kit.

Water Pressure Test

We recommend a pressure test check is carried out. Low and high water pressure can result in either damage to or failure of the filter unit. Although the filter is tested to a pressure of 8 bar we recommend the fitting of a pressure limiter should your pressure exceed 4 bar (58 psi). We also recommend that any water appliance should be fitted with a leak controller.

BT65 Filter



IMPORTANT

- Check your incoming mains water pressure before installation.
- If pressure exceeds 4 bar, a Pressure Reducing Valve must be fitted before the BT65.
- Install on the incoming cold mains water supply.
- Always observe local water regulations.
- The filter must be flushed before being put into normal service.

EAST MIDLANDS WATER CO



Installing your BT65 Whole House Water Filter

STEP 1 - PREPARE FOR INSTALLATION

1. Locate the incoming mains supply

Locate the rising main and main stopcock supplying the property.

2. Check the water pressure

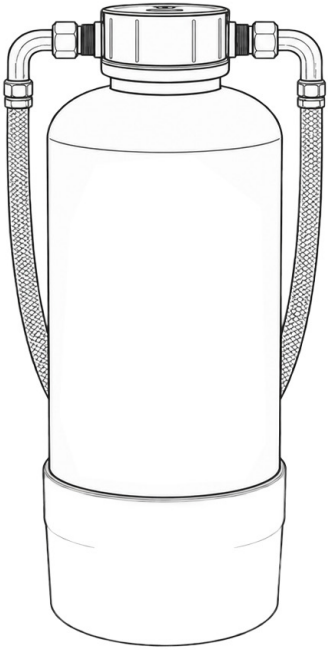
Test the incoming mains water pressure before installation.

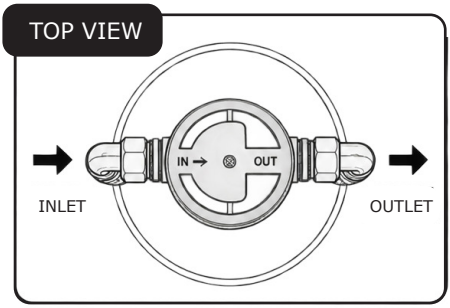
WARNING: Above 4 bar?
A suitable Pressure Reducing Valve must be installed before the BT65.

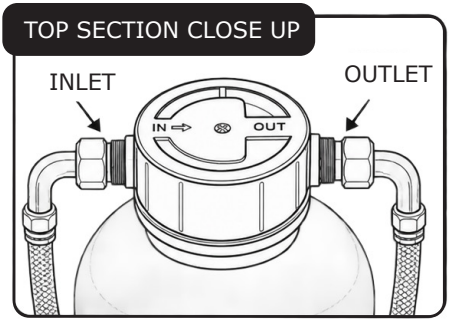
3. Choose the filter position

Position the BT65 somewhere:
- accessible for future replacement
- protected from freezing/extreme temperatures
- close enough to the incoming mains and bypass pipework
- with sufficient space around the filter and connections

4. Check the flow direction







ALL BT65 Models

IN = DOWNFLOW
OUT = UPFLOW

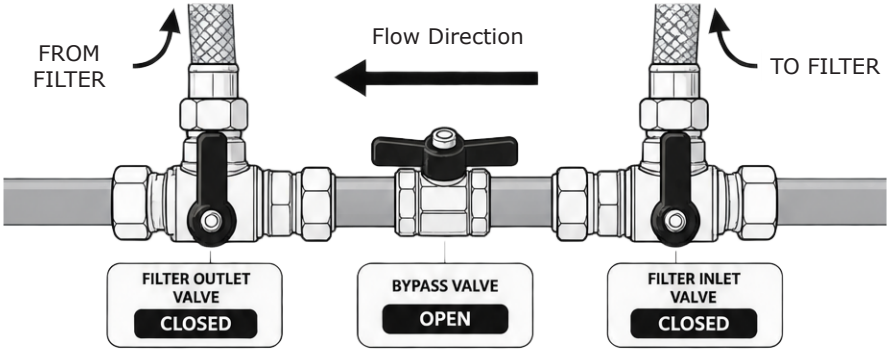
STEP 2 - INSTALL THE BYPASS

The three-valve bypass arrangement allows the BT65 to be isolated while maintaining the mains water supply to the property.

Before starting
Close the main stopcock and open a cold-water tap to relieve pressure from the pipework.

Install the filter inlet valve, filter outlet valve and bypass valve in the arrangement shown. Ensure the assembly follows the direction of water flow indicated in the diagram.

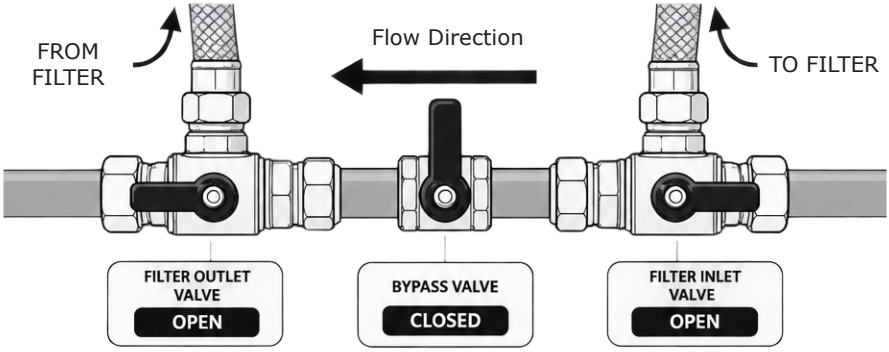
Before connecting the BT65
Set the valves to the bypass position shown:



Once the valves are in these positions, reopen the main stopcock and check all newly installed pipework and valve connections for leaks.

Water will continue to flow directly through the bypass while the BT65 remains isolated.

Normal operating position
Set the valves to the normal operating position shown:



The diagram is a general representation. Pipework and fittings will vary according to the installation and the selected 15mm, 22mm or 1-inch fitting kit.

STEP 3 - FLUSH THE FILTER

Before putting the BT65 into normal operation, the activated carbon inside the filter must be thoroughly flushed.

METHOD 1

Attach a hosepipe onto the inlet port. Place a bucket under the outlet port (opposite side of the filter). Turn the water on to flow through the whole house filter for approximately 15 minutes.

METHOD 2

Connect the whole house filter to your mains supply, but flush the filter out before you attach the outlet pipe to the outlet valve. Again, run water through the filter for approximately 15 minutes.

- Slowly open the filter inlet valve and allow the BT65 to fill with water.
- Check every connection for leaks. If a leak is found, close the filter inlet valve before adjusting the connection.
- Allow the water to run through the filter for approximately 15 minutes.
- The first water will appear dark whilst the carbon activates and any loose particles are being flushed from the filter. This is completely normal.
- Continue flushing until the water runs clear and there are no air bubbles.

Once the water runs clear, close the filter inlet valve and complete the outlet connection if required.

STEP 4 - COMPLETE THE CONNECTIONS

1. Connect the inlet (if not already connected)
Connect the hose from the filter inlet valve to the INLET connection on the BT65.

2. Connect the outlet (if not already connected)
Connect the BT65 OUTLET to the outlet side of the installation.

3. Check the connections
- Check that all connections are correctly seated.
- Ensure hoses are not twisted or kinked.
- Do not overtighten threaded connections.
- Confirm that the inlet and outlet have not been reversed.

Set the valves to the **normal operating position** shown in the previous step:

- Bypass valve - CLOSED
- Filter inlet valve - OPEN
- Filter outlet valve - OPEN

Check all connections once more for leaks.

Your BT65 Whole House Water Filter is now ready to use.

SCAN BELOW TO ORDER A REPLACEMENT BT65

Standard BT65

High Capacity BT65

Keep your BT65 performing at its best by replacing the complete filter unit at the recommended interval.

The BT65 does not contain a replaceable internal cartridge. When the filter reaches the end of its service life the entire unit is replaced.

Replacing the BT65 at the correct interval helps maintain effective filtration, water quality and flow performance.

For best results, only use a genuine East Midlands Water BT65 filter.

Scan the QR code above to order your replacement BT65 online for fast UK delivery.

Need Help or Advice?

Our technical support team is here to help with:

- Hose and fitting connection advice
- Bypass valve setup
- Installation and flushing support
- Water pressure and PRV advice
- Troubleshooting and general maintenance

EAST MIDLANDS WATER CO

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