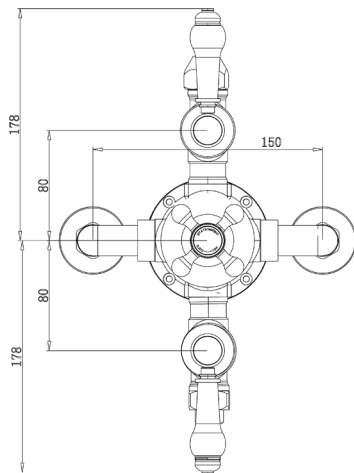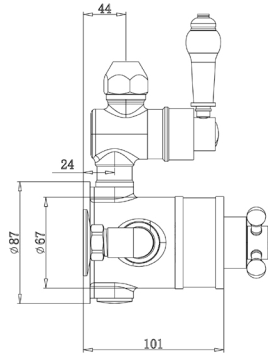# CHATSWORTH
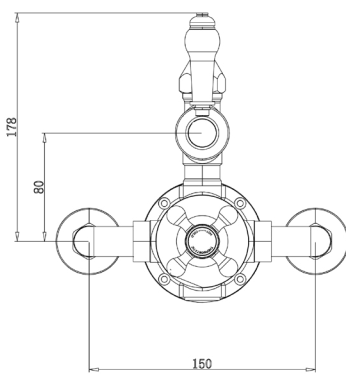
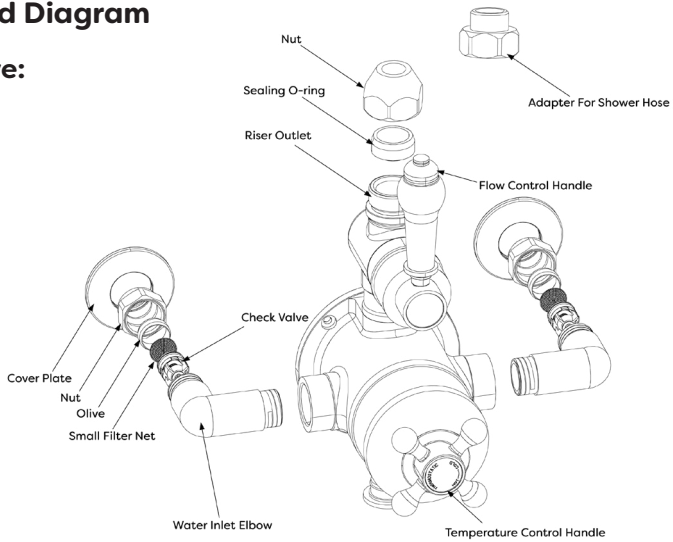## Twin & Triple Exposed Shower Valve
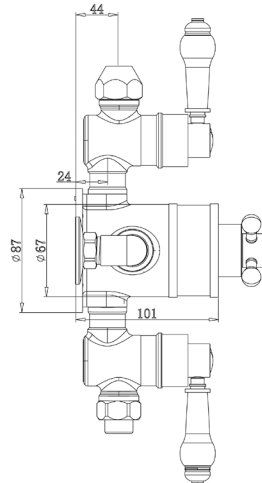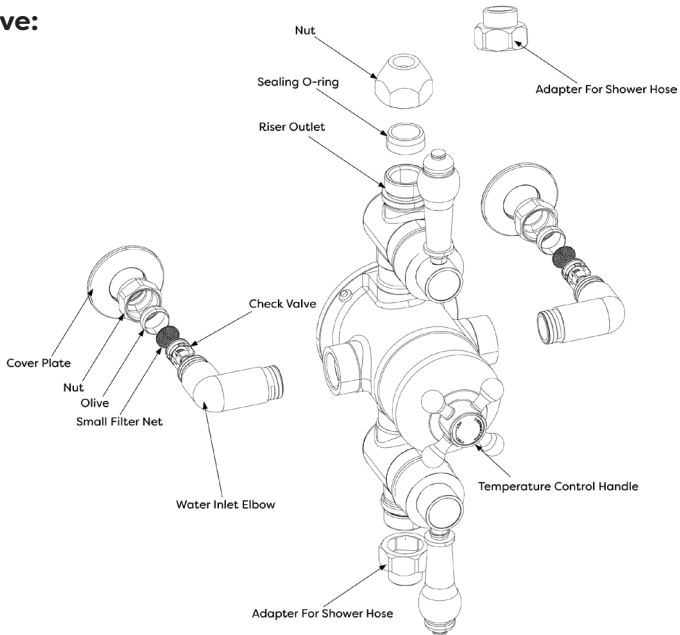
Please follow them carefully and
leave this manual with end user

Exploded Diagram

Twin Valve:

Nut

Sealing O-ring

Adapter For Shower Hose

Riser Outlet

Flow Control Handle

Check Valve

Cover Plate

Nut

Olive

Small Filter Net

Water Inlet Elbow

Temperature Control Handle

Triple Valve:

Nut

Sealing O-ring

Adapter For Shower Hose

Riser Outlet

Check Valve

Cover Plate

Nut

Olive

Small Filter Net

Temperature Control Handle

Water Inlet Elbow

Adapter For Shower Hose

Diagrams are for illustration purposes only. Your thermostatic shower valve may superficially differ from this drawing however the installation guide steps still apply.

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Installation Guide

Before you begin:

1. **We recommend that this product is installed by a qualified tradesperson** and we accept no liability for products fitted incorrectly, and where the correct testing procedures have not been used, resulting in the escape of water**.**

2. Observe all local plumbing and building codes.

3. Unpack the product then read these instructions before proceeding. Inspect the product for damage. If any damage is found, contact our Customer Relations team.

Installation:

1. Determine the fixing position for the valve.

2. The plumbing connection on the inlets are 15mm compression fittings. The outlet fittings are either 18mm for rigid riser kits or 1/2" BSP male thread.

3. Prepare the supply pipes (hot on the left and cold on the right) at the required height with a width of 150mm centres, making the ends of the pipes 20mm out from the face of the wall, not exceed.

4. Hot water inlet to be connected with hot supply on the left of the valve, cold water inlet to connected with cold supply on the right of the valve, which are clearly marked. Make sure that they are correctly connected, otherwise, the thermostatic cartridge will lose its function of controlling temperature and may cause scald.

5. Prior to installation and connecting, make sure the pipes are thoroughly flushed to remove any debris etc. Attention: Failure to do this will impair the flow of water.

6. Place the valve over pipes, mark the position of the 4 holes that are cast into the base of the body. Drill suitable length holes at the marked positions. Use supplied plugs and screws to secure the shower valve.

7. Push the riser into the top riser outlet, tighten the nut. For triple valve, connect the hose nut onto the bottom 1/2" BSP male thread.

8. Then turn on the water supply. Check that there is no leakage.

9. Check the maximum water temperature from the terminal fitting with a thermometer. The recommended maximum temperature is 42˚C.

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Operation Notice:

1. The work condition for use of this product is cold water 4-29°C, hot water 55-85°C and water pressure 0.5bar - 5bar. To avoid the differential pressure between hot water and cold water, the thermostatic cartridge is preferably under the condition of water pressure 3 bar, hot water 65°C and cold water 15°C .

2. Make sure the shower valve is off when no water comes out of it (especially when nobody resides in the house or during the period of decoration or the absence of water).

3. When the room temperature drops below 0°C , take necessary measures (such measure as keeping shower valve warm and closing windows) to prevent the shower valve from being frozen or even broken (especially when windows kept open for air ventilation while nobody resides in).

4. Do not disassemble the valve unless you are an expert.

Maintenance:

If the water flow is less than normal and temperature control is imprecise after a period of usage. It is often due to the poor water which blocks the small filter net. The cleaning method: At first, turn off the main valve. Remove the valve by loosening the nuts and set screws. Remove the water inlet elbows, and unscrew the water inlet connector with Allen key. Take out the small filter net and clear it with brush and vinegar. After completion, rinse it and reassemble all the parts back. At last, check the water flow and temperature control.

Aftercare:

Always clean the surface of shower valve to keep it bright. **Attention:** please do not use inappropriate tools such as sharp brushes, rough sponges, scouring pads or corrosive detergent to clean the shower valve. Please clean the shower valve by wet cloth and soapy water after each time of usage. Then rinse the soap out with clean water and dry with a soft cotton cloth.

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Faulty Diagnosis

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