

Aurora 3-Function Brass Concealed Thermostatic Diverter

SKU **17-2030-CH** · Finish: Chrome



Parts of the product

- 1 Thermostatic handle: turn to set the temperature
- 2 38°C Safety Stop button: press to go hotter
- 3 Outlet knob: push to start or stop, turn to set the flow
- 4 Outlet symbol: the shower this knob is meant for
- 5 Flush-Fit Plate in 304-Grade stainless steel

1 Safety and before you start

Hot and cold must go to the correct inlets. The body is marked Hot (left) and Cold (right). The pipes must be connected correctly.

- This is a concealed fitting: the body goes inside the wall before tiling. It needs a plumber and a mason.
- Check for hidden pipes and cables before cutting or drilling the wall.
- Check the carton on arrival and report any damage within 48 hours, before fitting.
- Check every part against section 2 before you cut the wall.
- Hot water supply: 50–63 °C (60 °C recommended). Keep your geyser at 60 °C.
- Recommended: a 1.5 HP pump with a 24-litre tank, giving 40 PSI (about 2.8 bar) at the inlet.
- Keep the hot and cold supply pressures within 3 bar of each other.
- Working pressure: 0.5–10 bar.
- Finished wall depth, including tile: 80–90 mm.

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2 In the box



A Concealed body in its embedded ABS box, white test plugs fitted × 1



B 304-Grade stainless steel face plate with 3 outlet knobs × 1



C Thermostatic handle × 1



E Push buttons, each with its sleeve × 3



H Accessory bag: 4 stainless steel screws, 4 wall plugs and washers × 1 bag

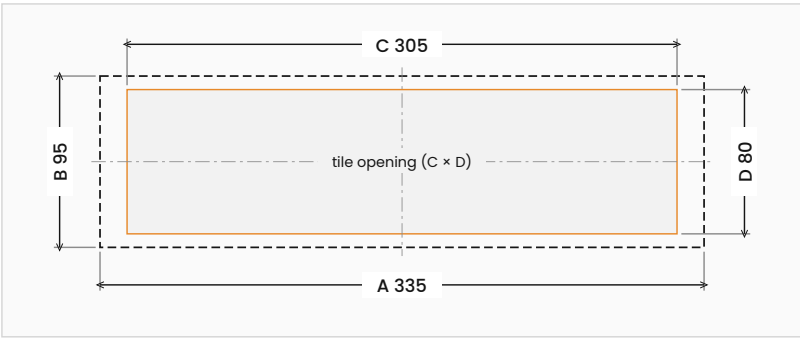


I Allen Keys (L-Keys) × 2

3 Tools and items you need

- Drill with a Ø6 mm bit, to suit your wall and the plugs supplied
 - Spirit level and measuring tape
 - Cross screwdriver and spanner
 - PTFE tape
- Pressure test pump with gauge
 - Hacksaw or cutter (to cut the spindles)
 - Thermometer
 - Mason's tools for plaster and tile

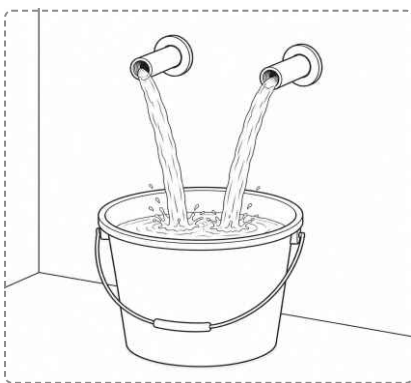
4 Wall opening and depth



Front view, drawn to one scale. All dimensions in mm. Dashed line: wall groove; orange outline: tile opening. Cut the groove (A × B) before plastering; leave the tile opening (C × D) in the tiles, centred over the body.

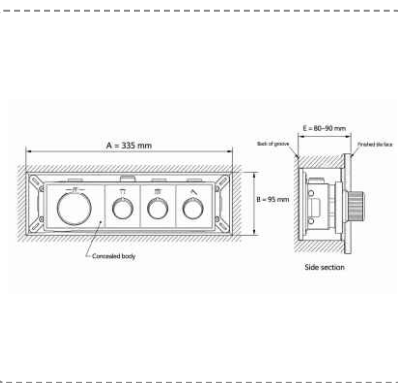
Letter	What	mm	Inches
A	Wall groove width	335	13.2
B	Wall groove height	95	3.7
C	Tile opening width	305	12.0
D	Tile opening height	80	3.1
E	Wall depth including tile (back of groove to tile face)	80–90	3.1–3.5

5 Installation



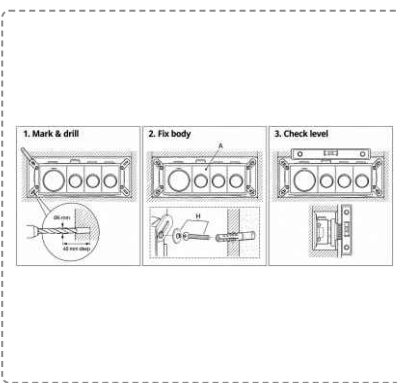
1 Flush the pipes

Before fitting the body, open the hot and cold supplies and run water through both pipes to clear sand and debris. Dirt in the pipes can block the inlet filters.



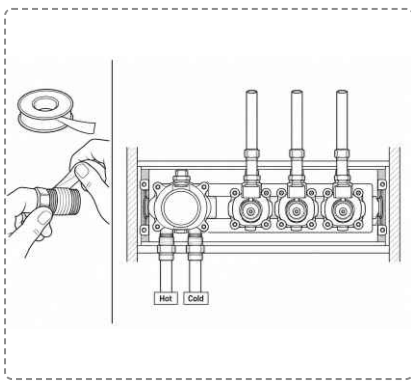
2 Cut the wall groove

Cut a groove 335 mm wide × 95 mm high (A × B). Set its depth so the finished wall, including tile, is 80–90 mm from the back of the groove to the tile face (E). Check the body (A) sits in the groove.



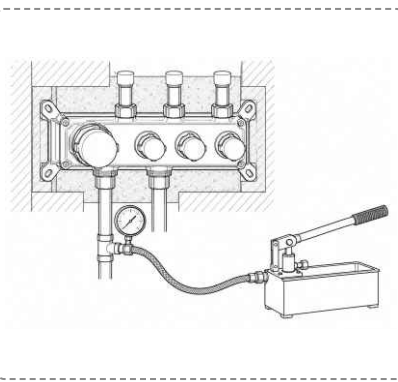
3 Fix the body level

Mark the bracket holes of the body (A). Drill Ø6 mm holes, 40 mm deep, tap in the wall plugs and fix the body with the stainless steel screws and washers (H). Check it is level both ways.



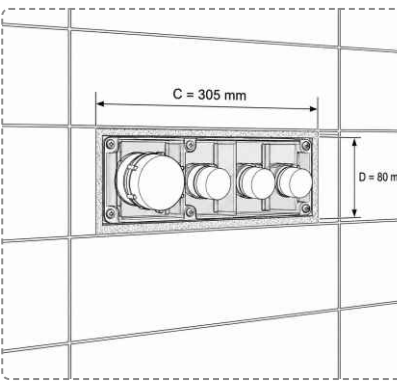
4 Connect hot, cold and outlets

Wrap PTFE tape on every thread. Connect the hot supply to the inlet marked Hot (left) and the cold supply to the inlet marked Cold (right). Then connect each outlet to the shower its symbol on the plate shows.



5 Pressure test

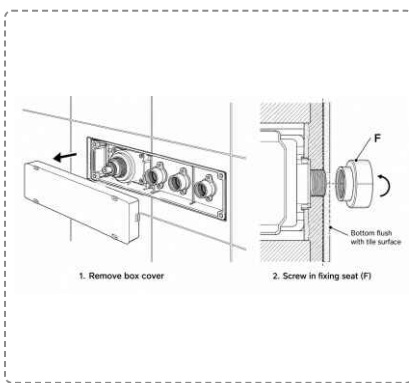
Keep the white test plugs on the body. Pressure test the pipes at 1.2 MPa (12 bar) and check every inlet and outlet joint for leaks before closing the wall.



6 Plaster and tile

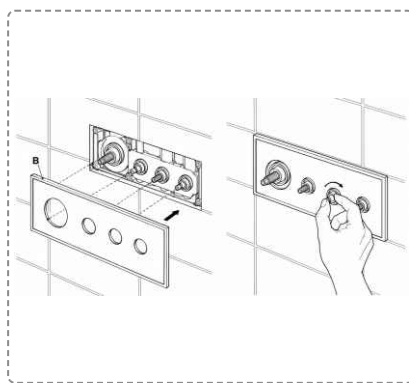
Fill around the body with mortar and lay the tiles. Leave a tile opening 305 mm wide × 80 mm high (C × D), centred over the body.

5 Installation, continued



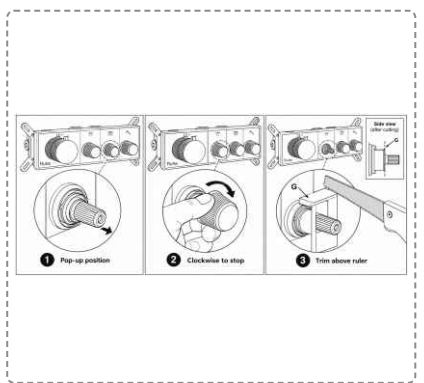
7 Fit the panel fixing seat

Remove the cover of the box. Screw in the panel fixing seat (F) until its bottom is flush with the tile surface.



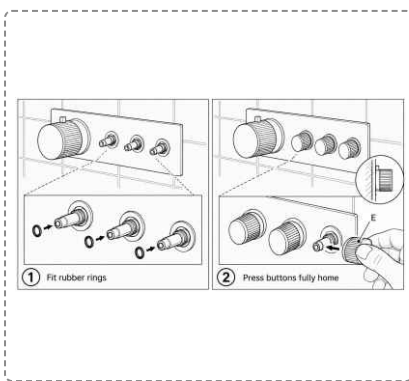
8 Fit the face plate

Line up the holes and fit the face plate (B) over the opening, flat to the tile. Turn each outlet spindle by hand to check it moves smoothly.



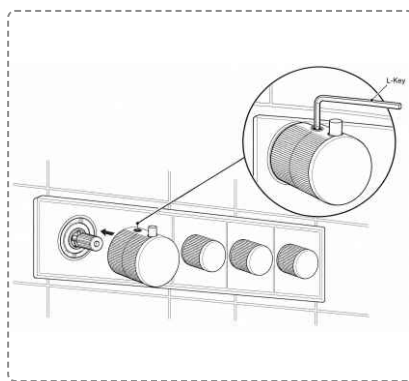
9 Cut the outlet spindles

With each push-button cartridge in its up (pop-up) position, turn each outlet knob clockwise to the end. Put the installation ruler (G) on each spindle and cut off the part above it.



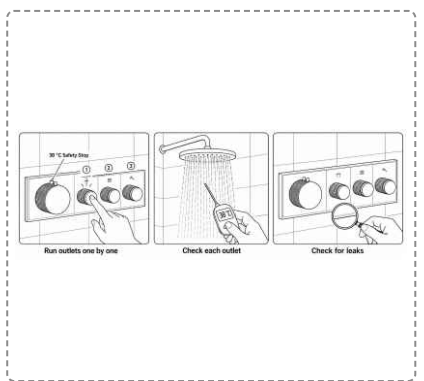
10 Fit the push buttons

Fit the small rubber rings on the top of each cut spindle, then press each push button (E) on until it sits fully home.



11 Fit the thermostatic handle

Fit the handle lever (D), then push the thermostatic handle (C) on with its screw hole facing up. Tighten the set screw with the Allen Key (L-Key) (I), then press in the handle stem.



12 Run and check for leaks

Turn on the water and run each outlet one by one. With the handle at the 38°C Safety Stop, the water at the outlet should be about 38 °C. Check the face plate for leaks.

