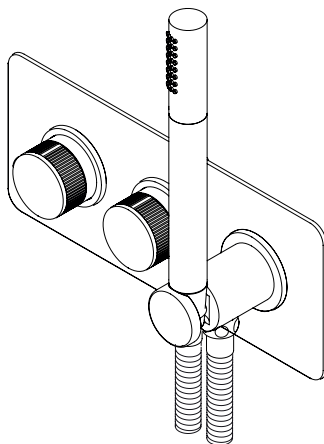
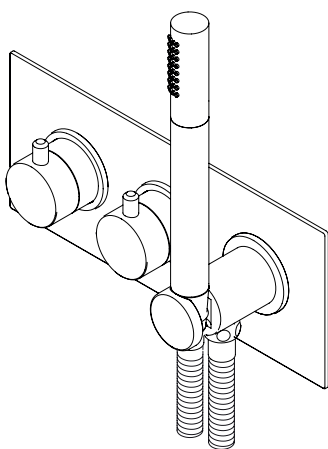
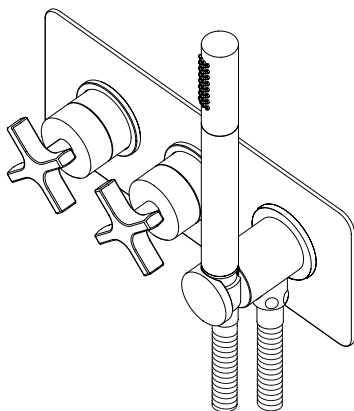




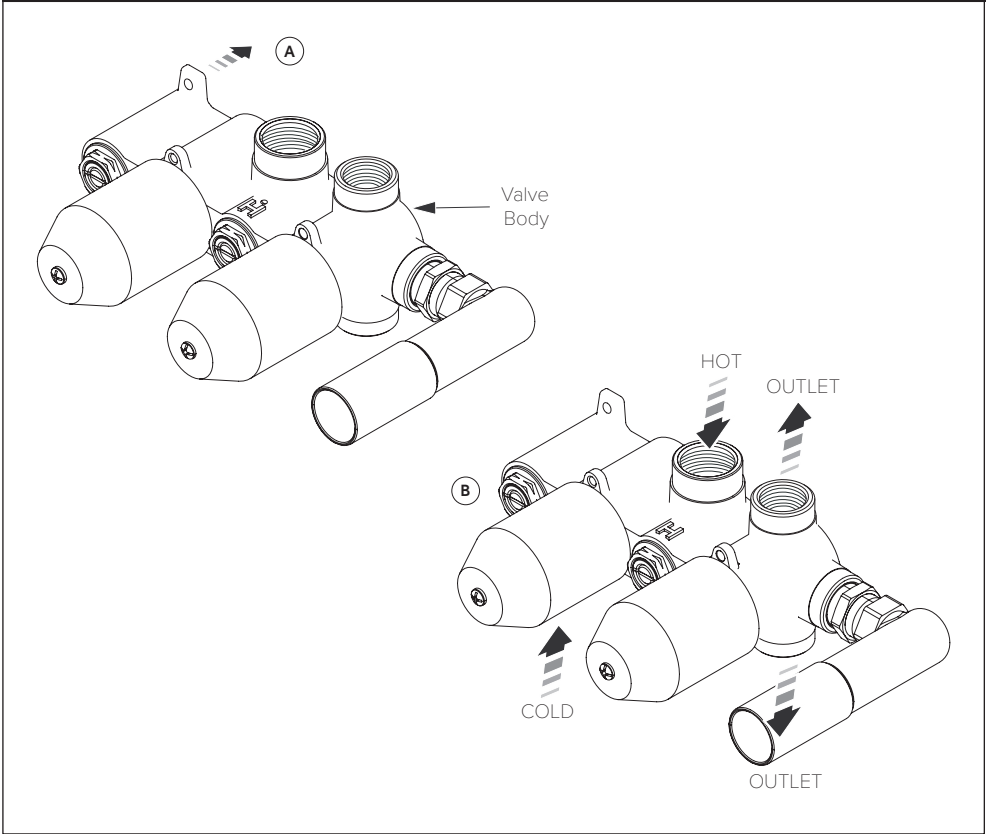
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2 OUTLET THERMOSTATIC SHOWER VALVE & HANDSET INSTALLATION

BA3101 | DC3101 | DO3101

THERMOSTATIC MIXER VALVE INSTALLATION DIAGRAM (STEPS 1 - 4)

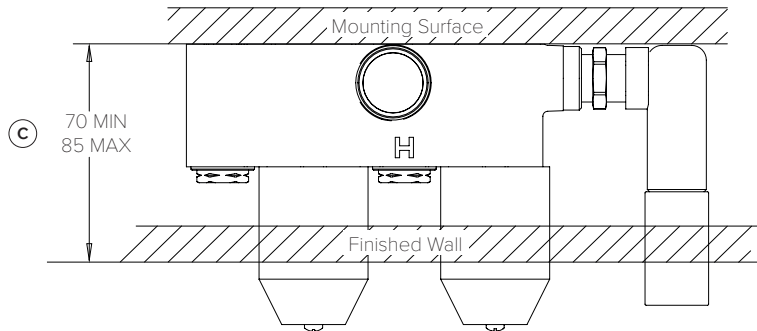


1. Offer the valve body up to the mounting surface and mark the desired drill locations. Use a spirit level to ensure the mixer valve is horizontal and secure using suitable fixings (A).
2. Make Hot and Cold water connections at 3/4" BSP inlets of the mixer valve. The hot connection must be made on the top port, and the cold connection on the bottom port. H & C are marked on the valve casting to aid connections.
3. Outlet connections must also be made at the 1/2" BSP on the right hand side of the valve body using either the top or bottom outlet. The remaining outlet must then be sealed with the blanking plug provided.
4. Check all connections for leaks and ensure the dust covers are securely assembled (B) before concealing pipework and continuing installation.

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THERMOSTATIC MIXER VALVE INSTALLATION DIAGRAM (STEPS 5 - 6) (mm)

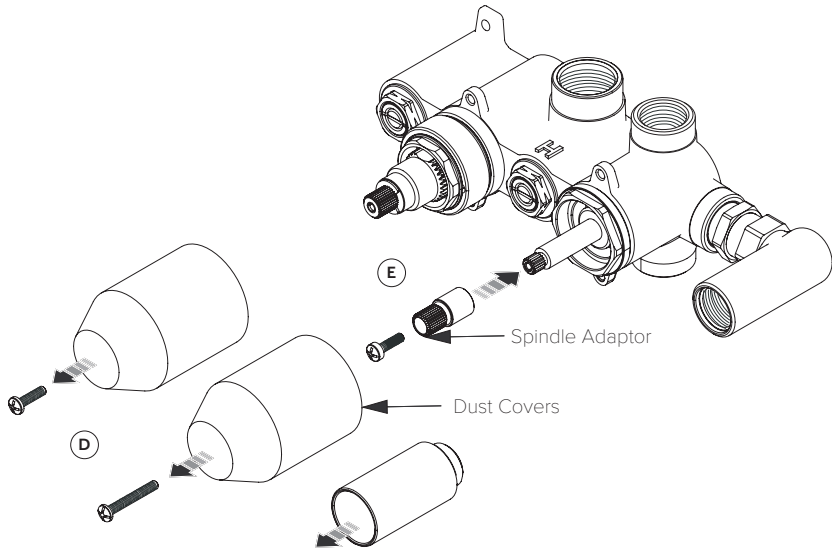


5. The mixer valve can now be concealed by the finished wall. Ensure the depth that the mixer valve is positioned in the wall complies with the minimum and maximum measurement shown in the diagram above. (C)
6. Ensure the aperture left in the finished wall allows access to the non-return valves which are located on the front face of the valve body. These need to be accessible if any servicing is required to the shower.

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TRIM INSTALLATION DIAGRAM (STEP 1)

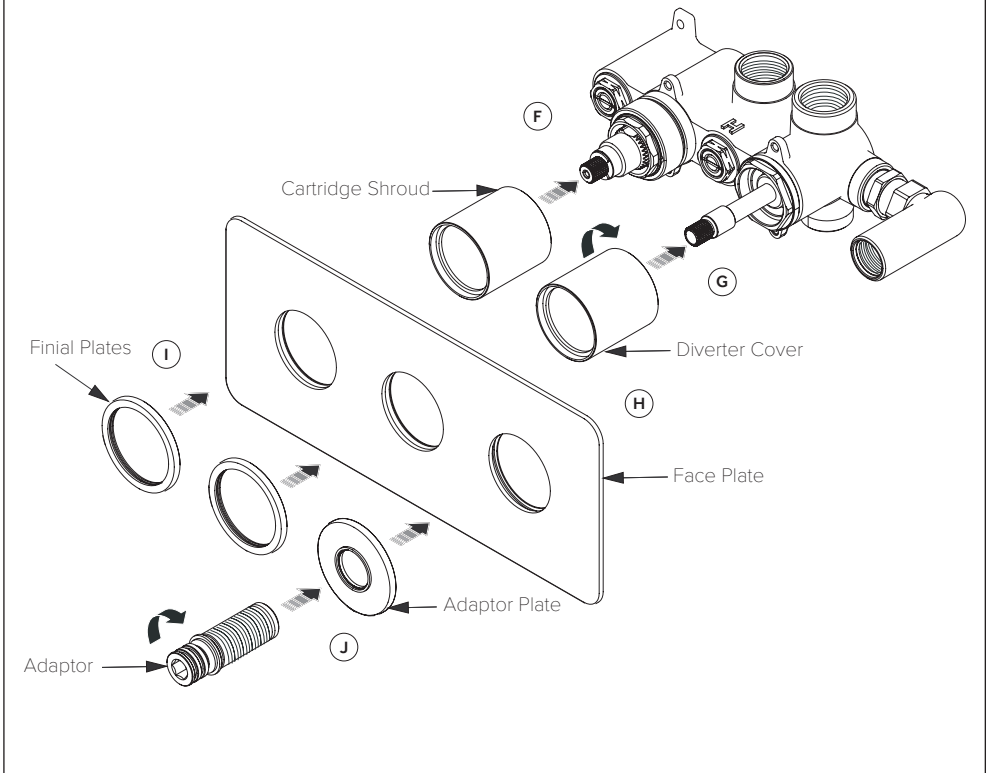


1. Prepare the mixer valve for assembly by removing the dust covers (D). The spindle adaptor can then be located and screwed onto the diverter cartridge using the fixing screw provided (E).

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TRIM INSTALLATION DIAGRAM (STEPS 2 - 6)

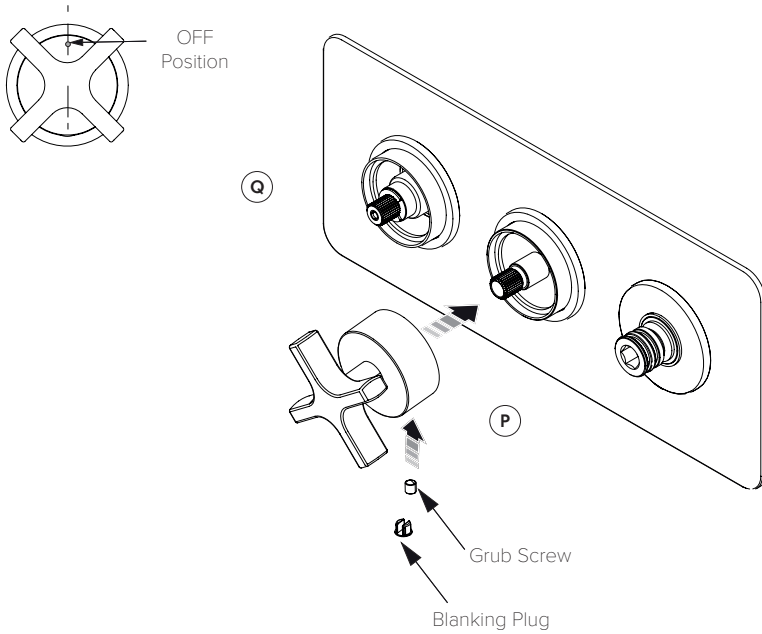


2. The cartridge shroud slides over the thermostatic cartridge (F). Locate the shroud onto the large plain diameter which has an 'O' ring assembled into its groove.
3. Screw the diverter cover (G) over the diverter spindle.
4. Install the plate by removing the adhesive sticker from the back face and locating over the cartridge shroud and diverter cover (H). Use suitable sealant if necessary and ensure the 'O' ring is assembled into the groove of the holes in the plate.
5. Slide both finial plates over the previously installed shrouds (I). Ensure the 'O' rings are assembled into grooves inside the finials before adding them to the assembly.
6. Locate the adaptor plate over the threaded tail of the shower bracket adaptor (J). Apply suitable sealant or sealing tape to the threaded tail. Screw the threaded tail of the adaptor into the female wall outlet, using a 10mm A/F hexagonal key, until it comes into contact with the face plate.

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DIVERTER TRIM INSTALLATION DIAGRAM (STEPS 1 - 2)

BANK



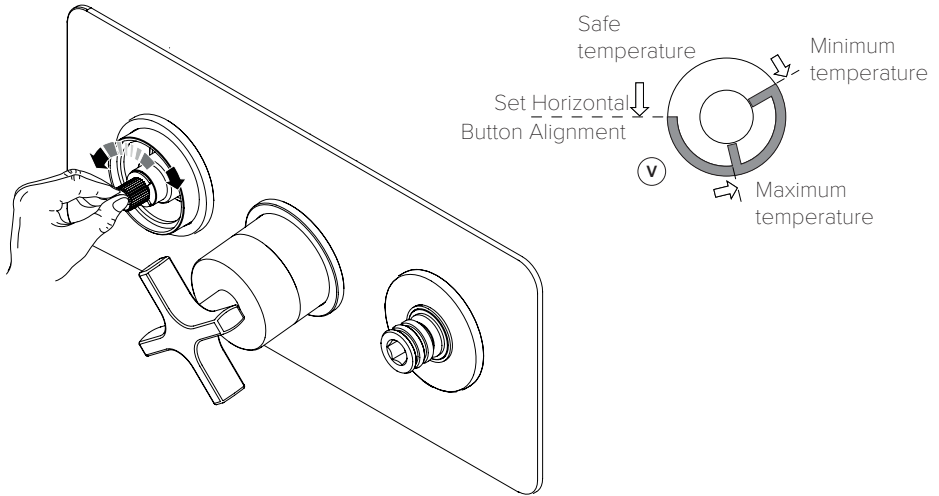
1. Locate the cross handle – thermostatic control assembly onto the spindle adapter (P).
2. Secure the handle assembly by using the provided grub screw underneath (Q). The grub screw can then be concealed by pushing the blanking plug into the opening on the underside of the handle assembly.

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THERMOSTATIC CONTROL INSTALLATION DIAGRAM (STEP 3)

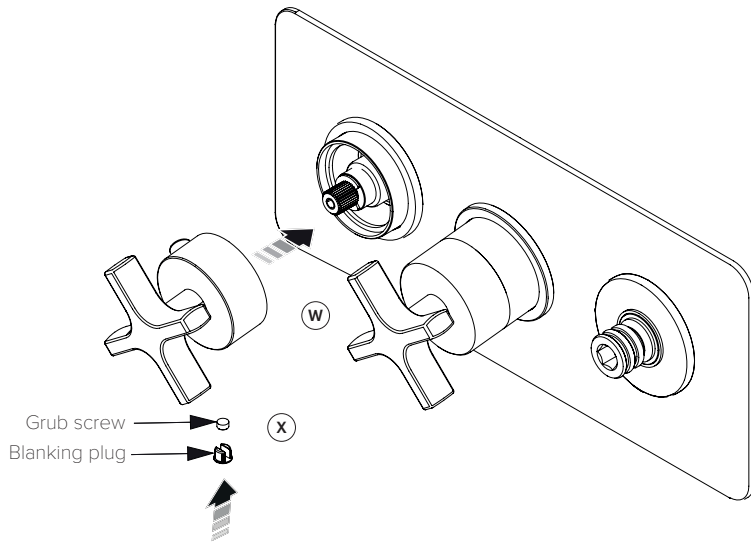
BANK



3. For Bank trim assemblies, locate the temperature stop (V) onto the cartridge spline with the safe temperature locator in a horizontal position.

THERMOSTATIC CONTROL INSTALLATION DIAGRAM (STEPS 4 -5)

BANK



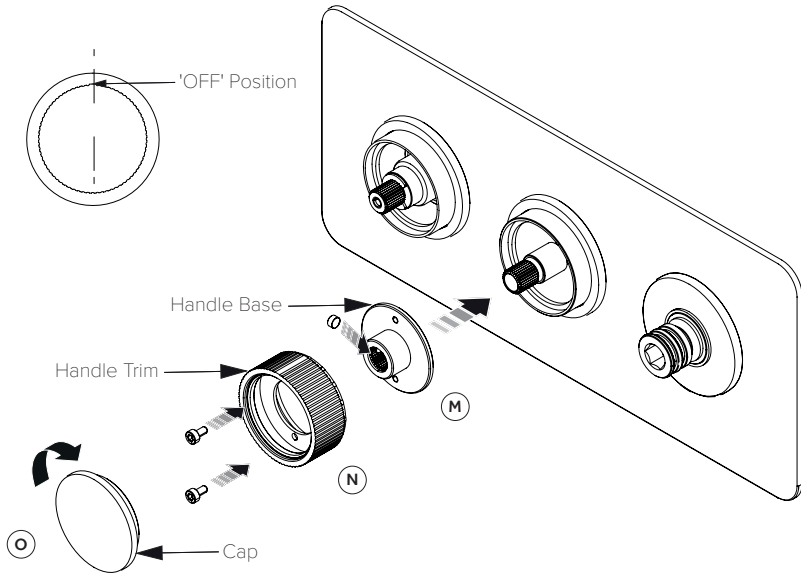
4. Locate the cross handle - thermostatic control assembly onto the thermostatic cartridge spline (W). Ensure the lever is set horizontally at the safe temperature position before securing.
5. Secure the handle assembly by using the provided grub screw underneath (X). The grub screw can then be concealed by pushing the blanking plug into the empty space on the underside of the handle assembly.

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DIVERTER TRIM INSTALLATION DIAGRAM (STEPS 1 - 4)

DECCA



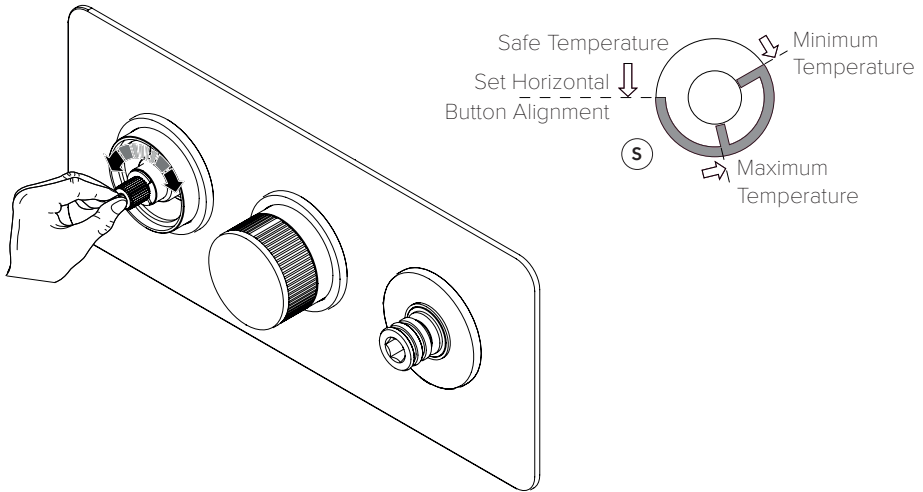
1. For Decca trim assemblies, locate the handle base onto the spline adaptor and secure using the grub screw provided (M).
2. The handle trim (N) can then be secured to the base using the two set screws. The plain section of the flow control handle should be aligned so that it is facing vertically when in the 'OFF' position.
3. Screw the cap (O) onto the trim to complete the installation.
4. The plain section of the flow control handle should be aligned so that it is facing vertically when in the 'OFF' position.

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THERMOSTATIC CONTROL INSTALLATION DIAGRAM (STEP 5)

DECCA



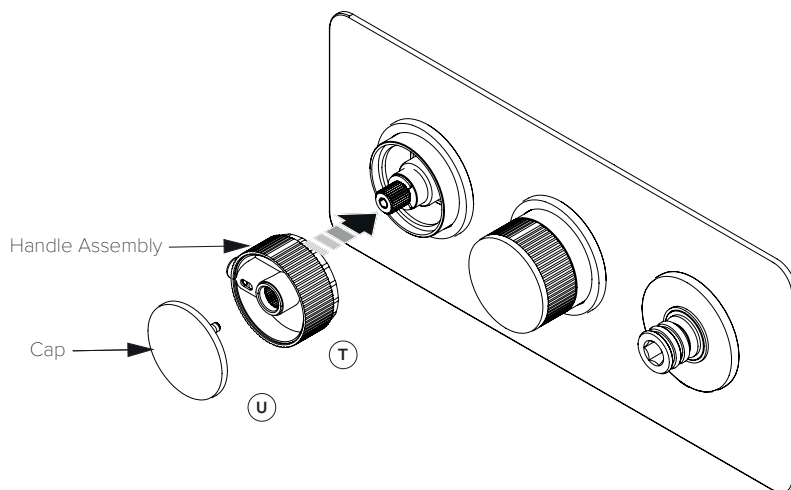
5. For Decca trim assemblies, locate the temperature stop (S) onto the cartridge spline with the safe temperature locator in a horizontal position.

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THERMOSTATIC CONTROL INSTALLATION DIAGRAM (STEPS 6 - 7)

DECCA



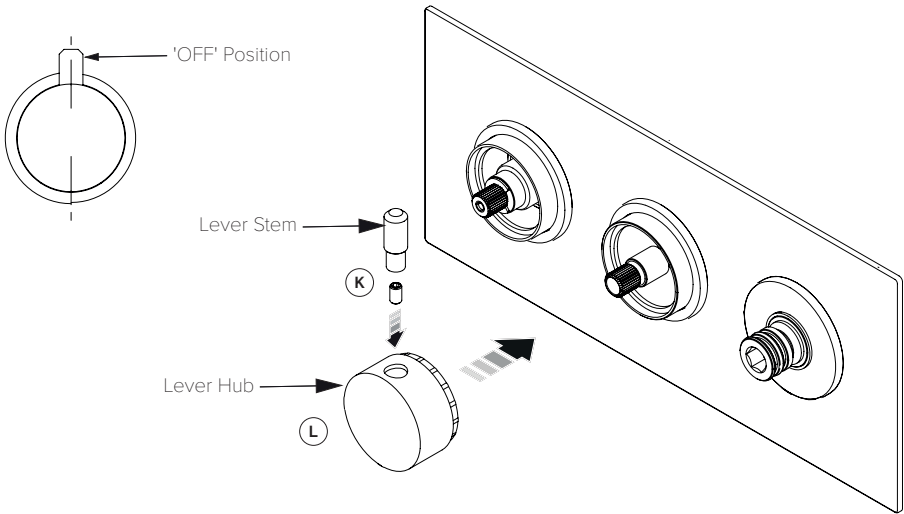
6. Locate the handle assembly onto the thermostatic cartridge spline (T). Ensure the button is set horizontally at the safe temperature position before securing.
7. Screw the cap (U) onto the handle assembly to complete the installation. Ensure the 'O' ring is assembled onto the rear side of the cap before screwing it into the thread of the cartridge.

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DIVERTER TRIM INSTALLATION DIAGRAM (STEPS 1 - 2)

DOMO



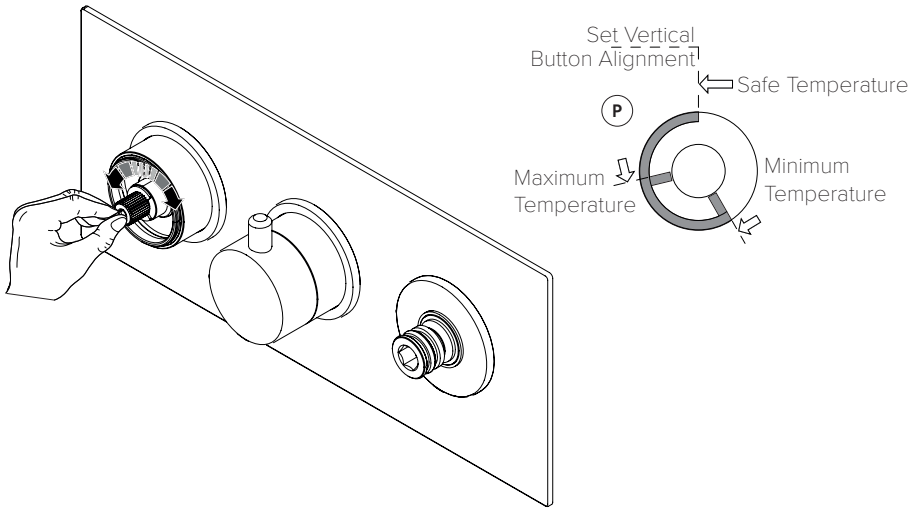
1. For Domo trim assemblies, locate the lever hub onto the spline adaptor and secure using the grub screw provided (K). The lever stem should then be screwed into the lever hub (L).
2. On all thermostatic shower variants, the lever should be aligned so that it is facing vertically when the valve is in its 'OFF' position.

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THERMOSTATIC CONTROL INSTALLATION DIAGRAM (STEPS 3 - 4)

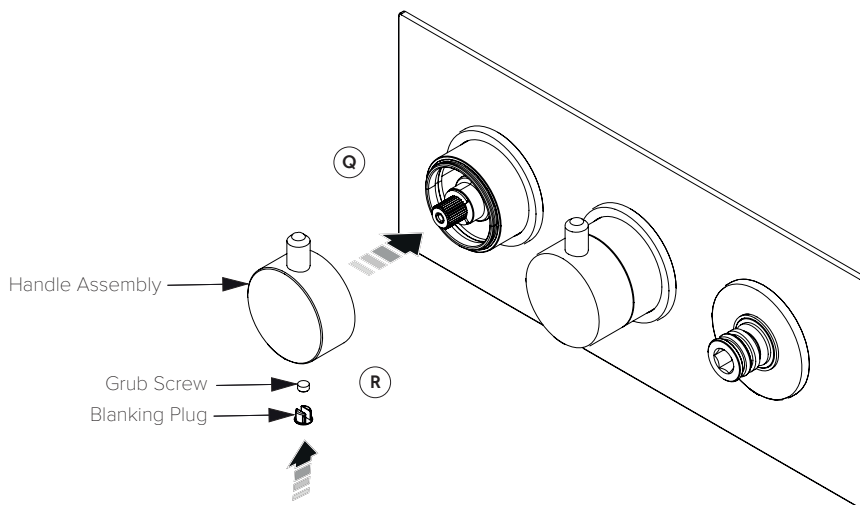
DOMO



3. Before any trims can be installed to the thermostatic shower valve, the plastic temperature stop needs to be assembled onto the cartridge. Turn the spindle on the thermostatic cartridge until the water temperature reaches 38°C. This should be set as the 'Safe temperature'.
4. For Domo trim assemblies, locate the temperature stop (P) onto the cartridge spline with the safe temperature locator in a vertical position.

THERMOSTATIC CONTROL INSTALLATION DIAGRAM (STEPS 5 - 6)

DOMO

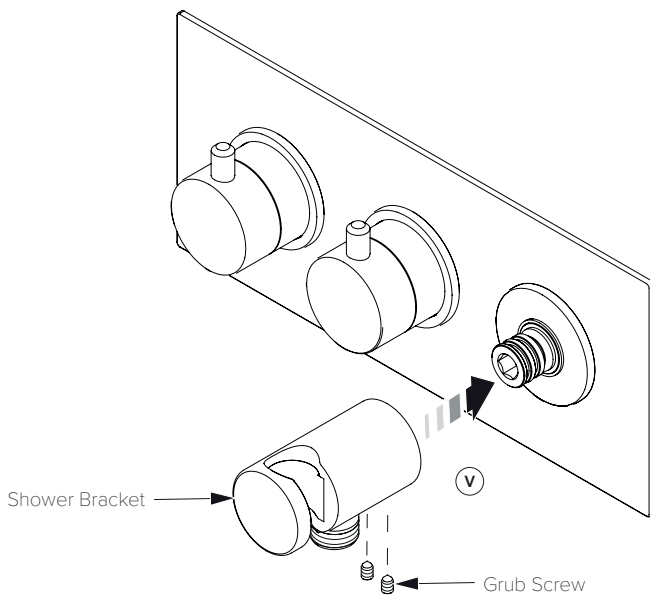


5. Locate the handle assembly onto the thermostatic cartridge spline (Q). Ensure the lever is set vertically at the safe temperature position before securing.
6. Secure the handle assembly by using the provided grub screw underneath (R). The grub screw can then be concealed by pushing the blanking plug into the empty hole on the underside of the handle assembly.

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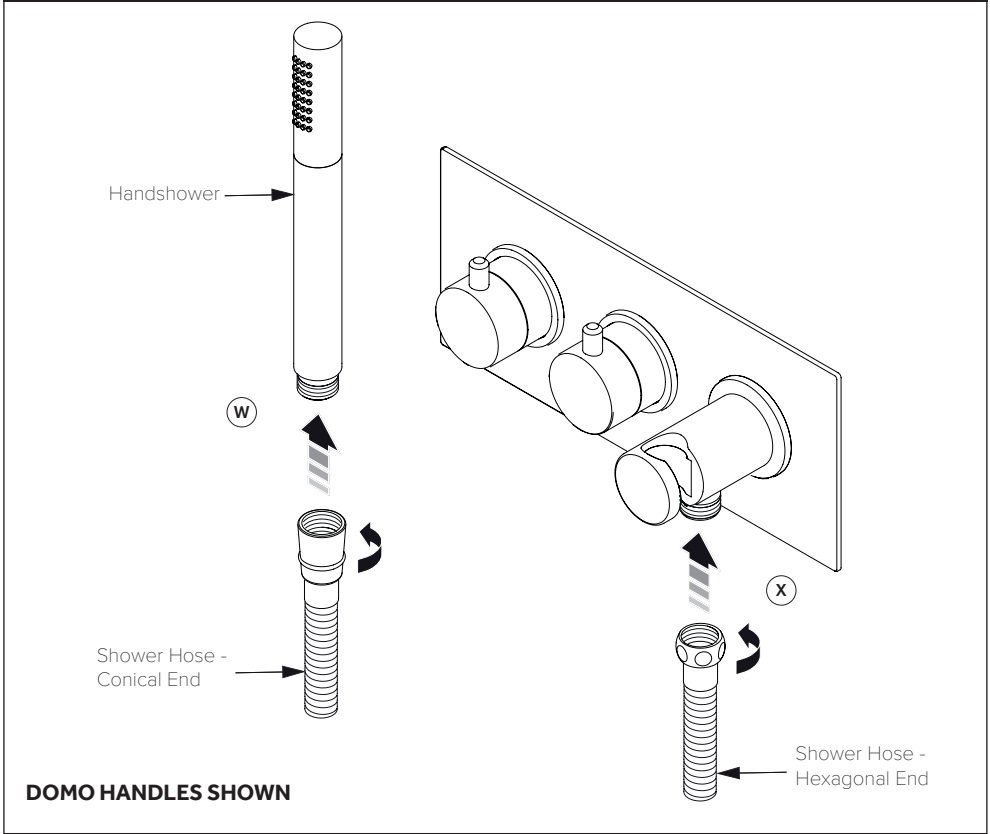
SHOWER INSTALLATION DIAGRAM (STEPS 1 - 2)



DOMO HANDLES SHOWN

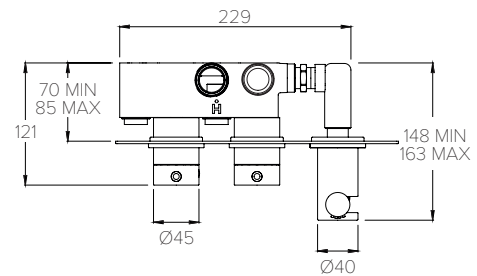
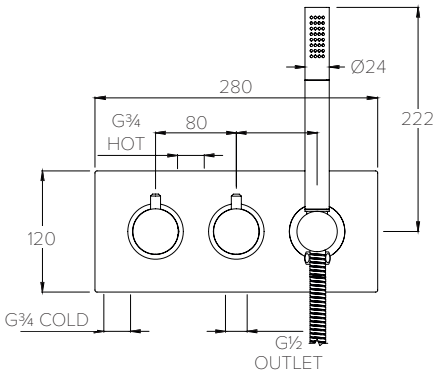
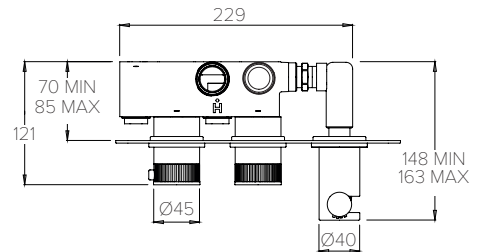
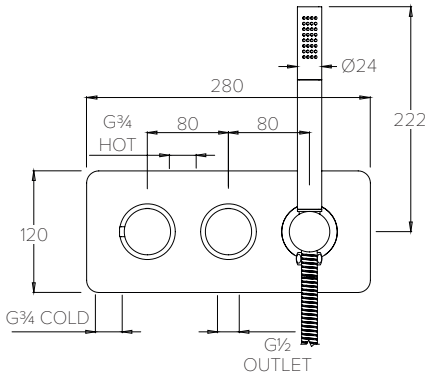
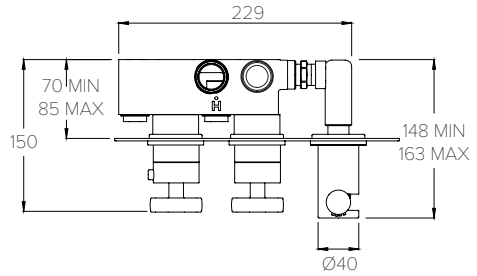
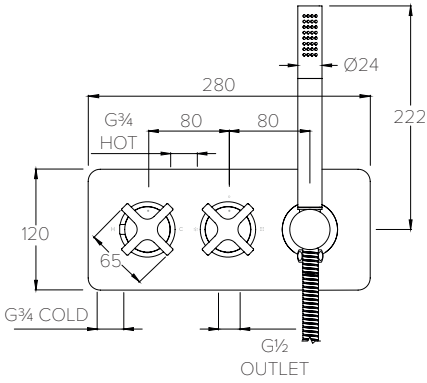
1. Flush out the pipework and valve before installing the shower bracket.
2. Locate the bracket onto the exposed section of the threaded tail and secure using the 2 grub screws on the underside of the shower bracket (V).

SHOWER INSTALLATION DIAGRAM (STEP 3)



3. Use the provided shower hose to connect the handshower to the wall outlet bracket. The conical end of the hose should be screwed onto the threaded end of the handshower (W). Screw the hexagonal end of the shower hose onto the outlet port on the underside of the shower bracket (X).

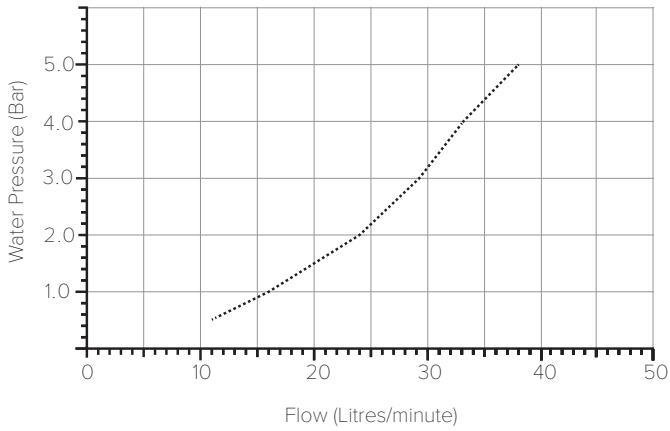
SPECIFICATION DIAGRAM (BA3101, DC3101, DO3101) (mm)



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TYPICAL FLOW RATES (OUTLET)

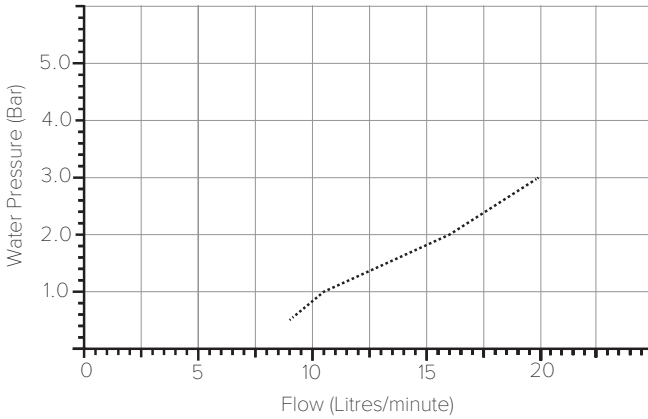
Flow rates shown are free-flowing and may vary subject to restrictions created by installation, pipework layout or application



Water Pressure (Bar)	Outlet (Litres/minute)
0.5	10.7
1.0	16.0
2.0	23.9
3.0	29.0
4.0	33.2
5.0	38.0

TYPICAL FLOW RATES (HANDSHOWER)

Flow rates shown are free-flowing and may vary subject to restrictions created by installation, pipework layout or application



Water Pressure (Bar)	Handshower (Litres/minute)
0.5	9.2
1.0	10.4
2.0	16.0
3.0	19.8
4.0	-
5.0	-



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