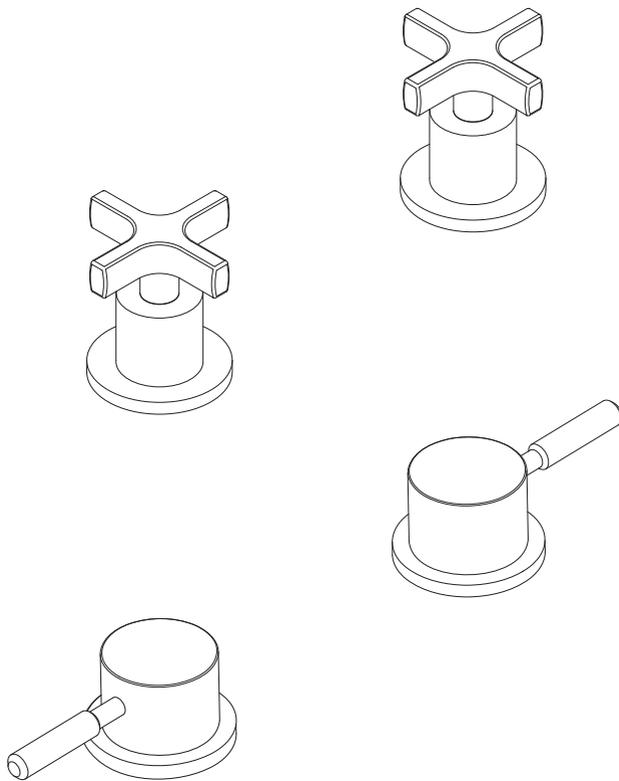




COALBROOK



**DECK MOUNTED ON/OFF VALVES
INSTALLATION**

Professional installation

We recommend that our products are fitted by a fully qualified professional plumber. They should be installed correctly and in accordance with all local water regulations and the system protected by non-return valves (not supplied). All products should be accessible for routine servicing.

Suits all systems

This Coalbrook product is potentially suitable for every possible application, type of boiler and water supply pressure. However, if your supply pressure is below 1 bar it is advisable to fit a water pump. For systems with combination boilers, it is not advisable to fit pumps (refer to boiler manufacturer).

Supply temperature safety notice

A thermostatic mixing valve (TMV) should be fitted (not supplied) to the hot supply to restrict the temperature to a safe working/maximum temperature to comply with local building regulations, current legislation, relevant standards and codes of practice. Maximum allowed temperatures vary subject to type of installation or specification of building.

Flushing system

It is most important to flush out all pipework thoroughly before connecting the mixer. Failure to do so is the single most common cause of water restriction or cartridge failure.

Supply connections

The hot water supply must be connected to the bottom inlet port of the left flow valve, and cold water to the bottom inlet port of the right flow valve, as viewed from the front.

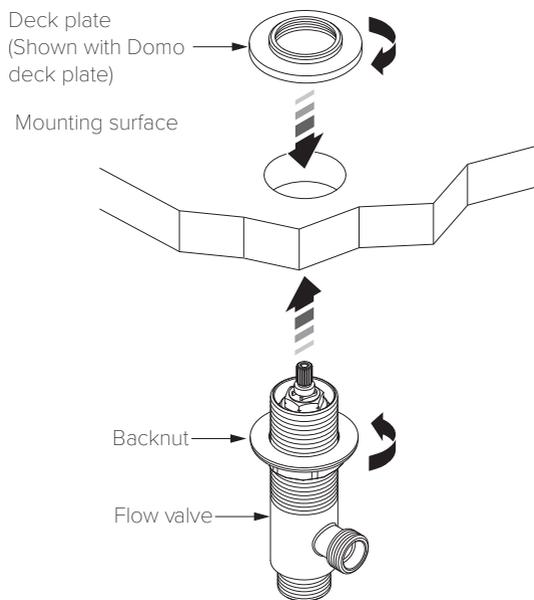
Balancing flow

If a significant pressure difference exists between the hot and cold supplies, we advise fitting a 'flow regulator' (not supplied) to the higher or both supplies.

Water quality

In hard water areas, a suitable water treatment system should be provided to prevent limescale deposits (calcium deposits) which may reduce the long term performance of the bath filler cartridges. Exterior surfaces should be gently wiped with a dry soft cloth after use to minimise water stains and limescale deposits.

FLOW VALVE INSTALLATION FOR ALL MODELS



BANK, DECCA, DOMO & ZURICH

1. When necessary, drill suitable holes in the mounting surface to suit the Ø35mm flow valve bodies.
2. Locate a flow valve body through a hole in the mounting surface.
3. Screw the deck plate onto the top of the flow valve until it comes to a natural stop. Bank, Domo & Zurich locate to the top of the flow valve. Decca locate to the top of the ceramic cartridge.
4. Screw the backnut up to the mounting surface to secure.
5. Repeat steps 2 to 4 for the remaining valve.

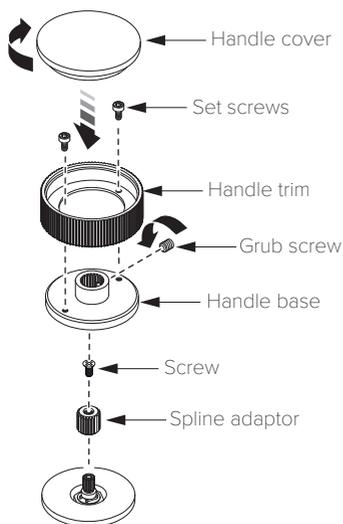
Note: Suitable access is required underneath the mounting surface. The flow cartridges can only be serviced by removing the side valve assemblies from their mounted position.

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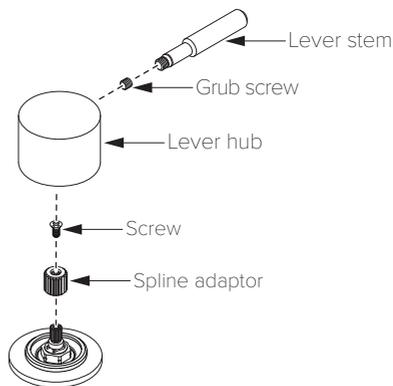
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FLOW VALVE TRIM INSTALLATION FOR DECCA & DOMO MODELS

DECCA



DOMO



DECCA

1. Locate the spline adaptors onto the flow valve splines. Secure using the supplied screws.
2. Locate the handle bases onto the spline adaptors and secure using the provided grub screws and a suitable hexagonal key.
3. Locate the handle trims onto the handle bases. Align the holes in both components and secure the handle trims using the set screws provided.
4. Locate and screw the handle covers into the handle trims.

DOMO

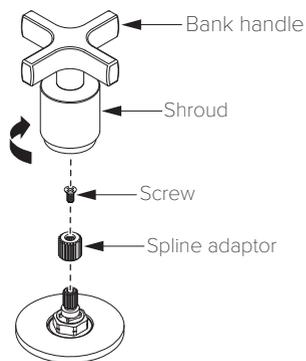
1. Locate the spline adaptors onto the flow valve splines. Secure using the supplied screws.
2. Rotate the lever hubs to the required orientation. Locate the lever hubs onto the spline adaptors. Secure the lever hubs by screwing the grub screws into the lever hubs using a suitable hexagonal key.
3. Locate and screw the lever stems into the lever hubs.

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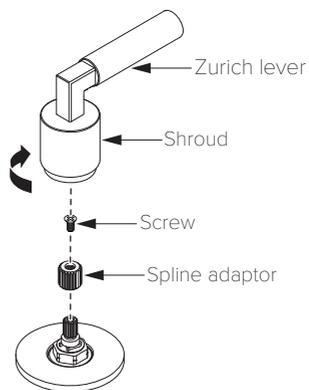
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FLOW VALVE TRIM INSTALLATION FOR BANK & ZURICH MODELS

BANK



ZURICH

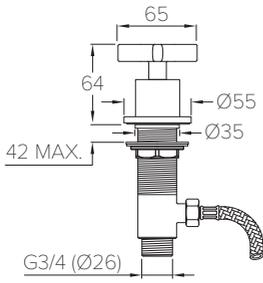


BANK & ZURICH

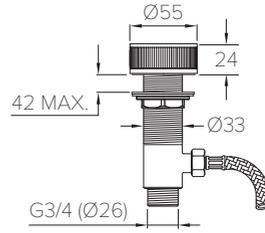
1. Locate the spline adaptors onto the flow valve splines. Secure using the supplied screws.
2. Rotate the handles to the required orientation. Offer the handles to the flow valves. Locate the base of the handle shrouds through the centre of the deck plate. Rotate the shrouds to secure. Do not over tighten the shrouds.

SPECIFICATION DIAGRAM (mm)

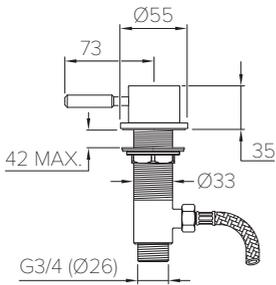
BANK



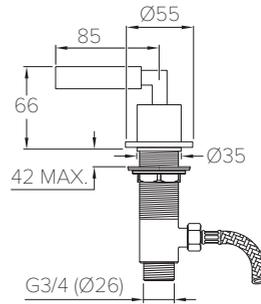
DECCA



DOMO

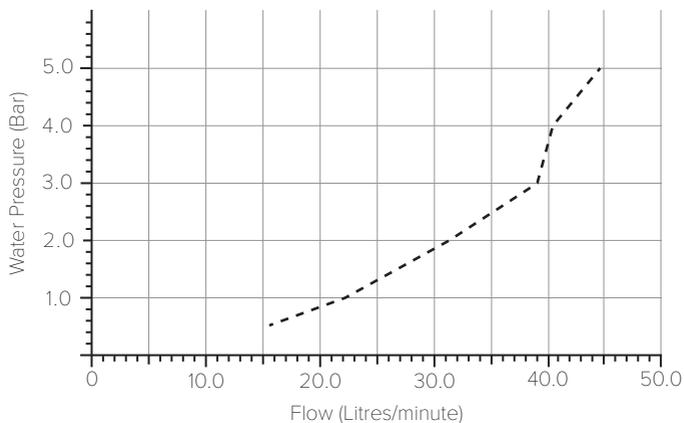


ZURICH



TYPICAL FLOW RATES

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	15.5
1.0	22.1
2.0	31.3
3.0	39.0
4.0	40.3
5.0	44.9



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