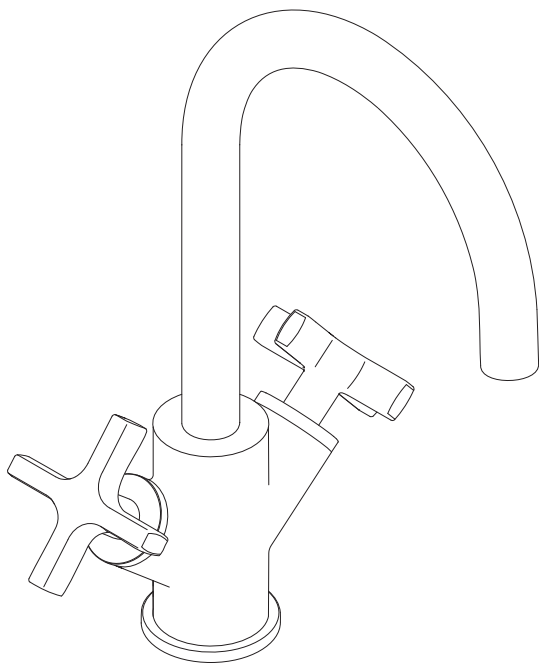




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BASIN MIXER INSTALLATION

Professional installation

We recommend that Coalbrook products are installed by a fully qualified professional plumber. They should be installed correctly and in accordance with all local water regulations. Where required, the system should also be 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 (consult the 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. This is to ensure compliance 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 thoroughly flush out all pipework before connecting the mixer. Failure to do so is the single most common cause of flow restriction and cartridge failure.

Supply connections

The hot water supply must be connected to the left hose and the cold water to the right hose, as viewed from the front.

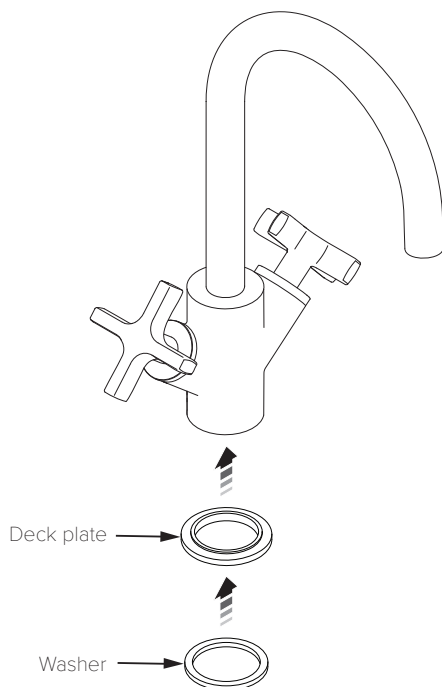
Balancing flow

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 (calcium) deposits which may affect the long term performance of the cartridges. Exterior surfaces should be gently wiped with a dry, soft cloth after use to minimise water stains and limescale deposits.

BASIN MIXER INSTALLATION DIAGRAM (STEPS 1 - 2)

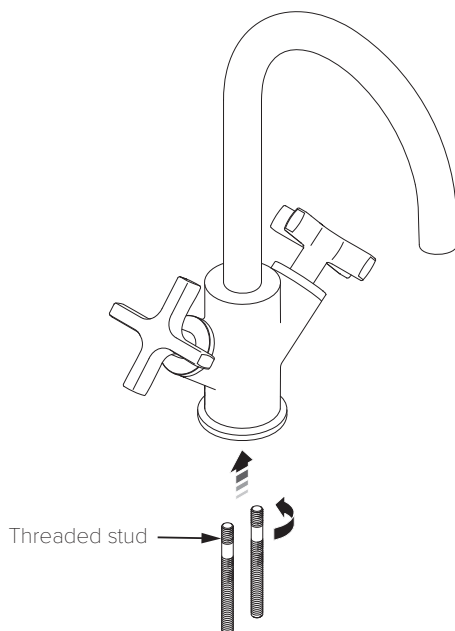


1. Where required, drill a 34mm diameter hole in the mounting surface.
2. The deck plate and washer must be used as part of the installation.

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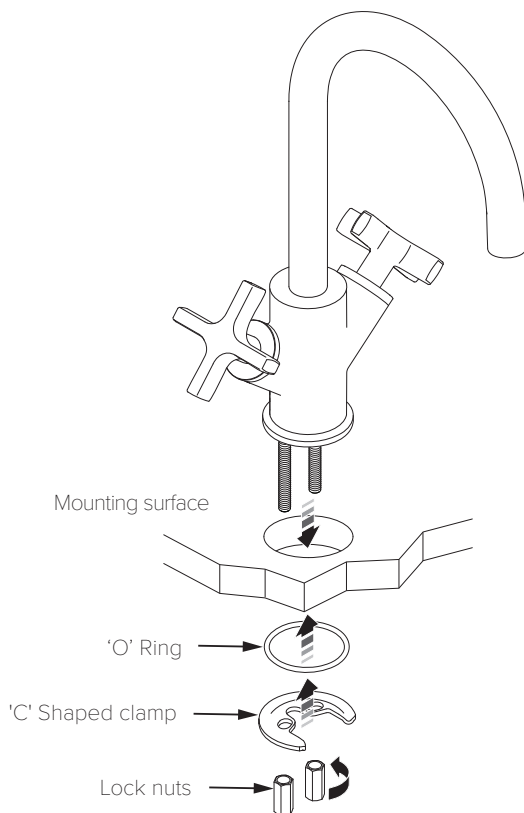
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BASIN MIXER INSTALLATION DIAGRAM (STEP 3)



3. Screw the threaded studs into the threaded holes in the underside of the basin mixer.

BASIN MIXER INSTALLATION DIAGRAM (STEPS 4 - 6)

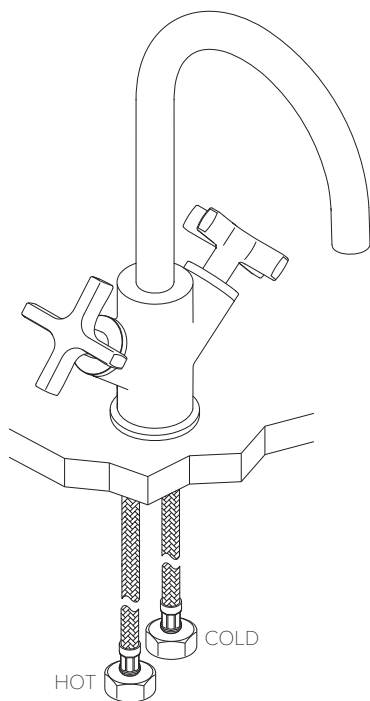


4. Locate the basin mixer to the hole in the mounting surface.
5. Locate the 'O' ring into the recess of the 'C' shaped clamp, then locate the clamp over the two threaded studs.
6. Screw the lock nuts onto the threaded studs and align the spout. Tighten the nuts to secure the basin mixer in place. Do not over tighten.

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BASIN MIXER INSTALLATION DIAGRAM (STEPS 7 - 9)

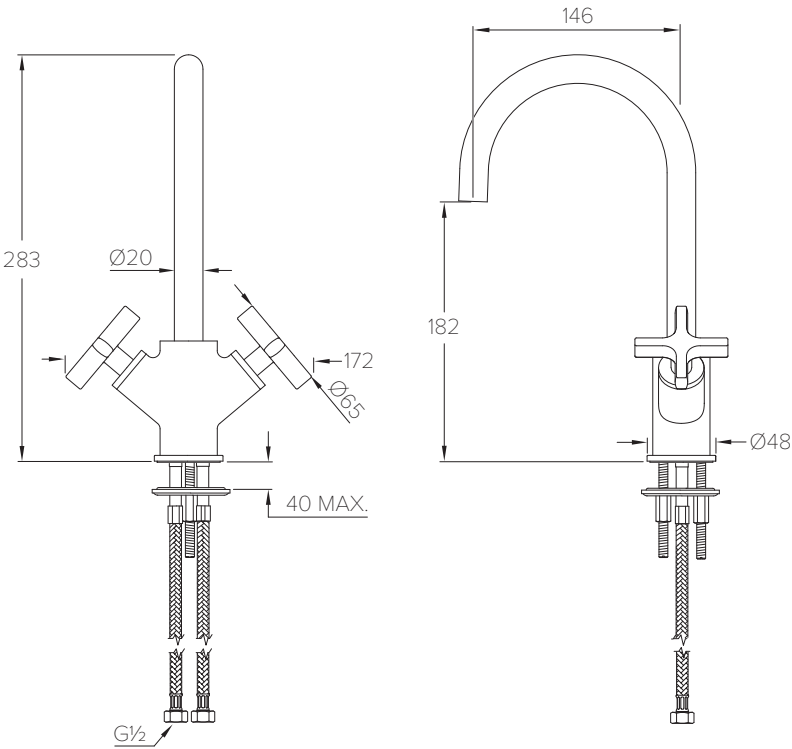


7. Assemble the two flexible hoses into the two remaining threaded holes in the underside of the basin mixer.
8. Connect hoses to the appropriate hot and cold water supplies. The hot connection must be made to the left hose and the cold to the right, as viewed from the front.
9. Check all connections for leaks before concealing pipework and finishing installation.

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SPECIFICATION DIAGRAM (mm)

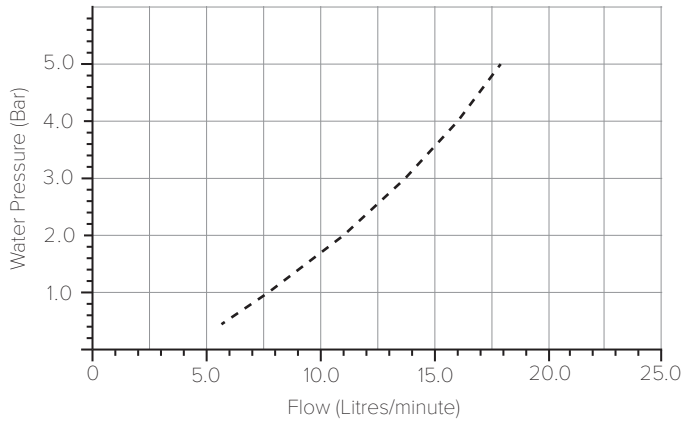


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TYPICAL FLOW RATES

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	5.6
1.0	7.7
2.0	11.0
3.0	13.7
4.0	16.0
5.0	17.9



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