COALBROOK

2 HOLE DECK MOUNTED BASIN MIXER INSTALLATION

1003 | 1004

IMPORTANT INFORMATION

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 cartridge failure.

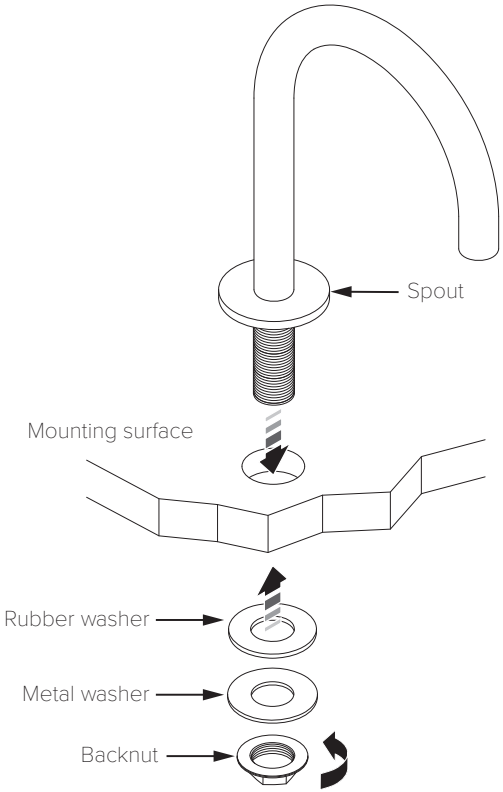
Supply connections
The hot water supply must be connected to the bottom port and cold water to the right port as viewed from the front.

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 effect the long term performance of the mixer cartridge. Exterior surfaces should be gently wiped with a dry soft cloth after use to minimise water stains and limescale deposits.

General installation details
The basin mixer is supplied with suitable flexible hoses. These are to be fitted as shown in the dimensions drawing. Any additional pipework should be supplied by the installer.

SPOUT INSTALLATION



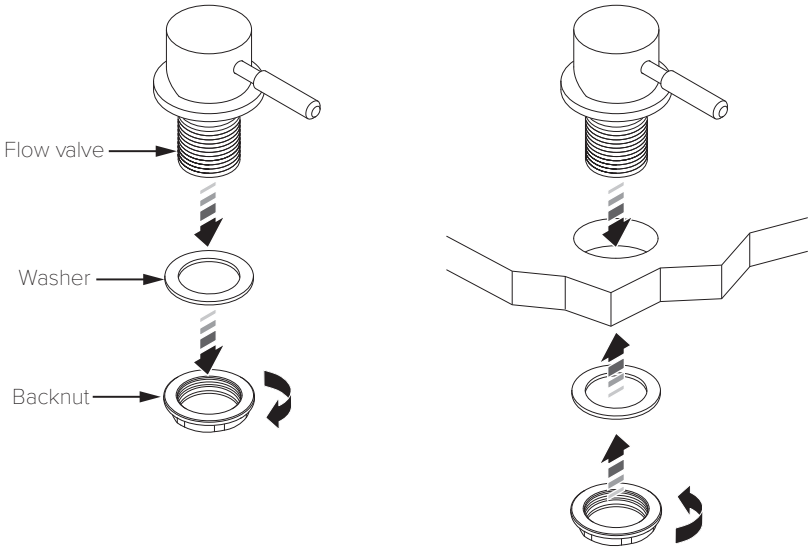
1. The threaded tail of the spout is Ø21mm. When necessary, drill a suitable size hole in the mounting surface to suit the threaded tail.

2. Pass the threaded tail of the spout through the hole in the mounting surface. Align the spout.

3. Locate both washers onto the threaded tail. Ensure that the rubber washer is assembled first so that it comes into direct contact with the mounting surface.

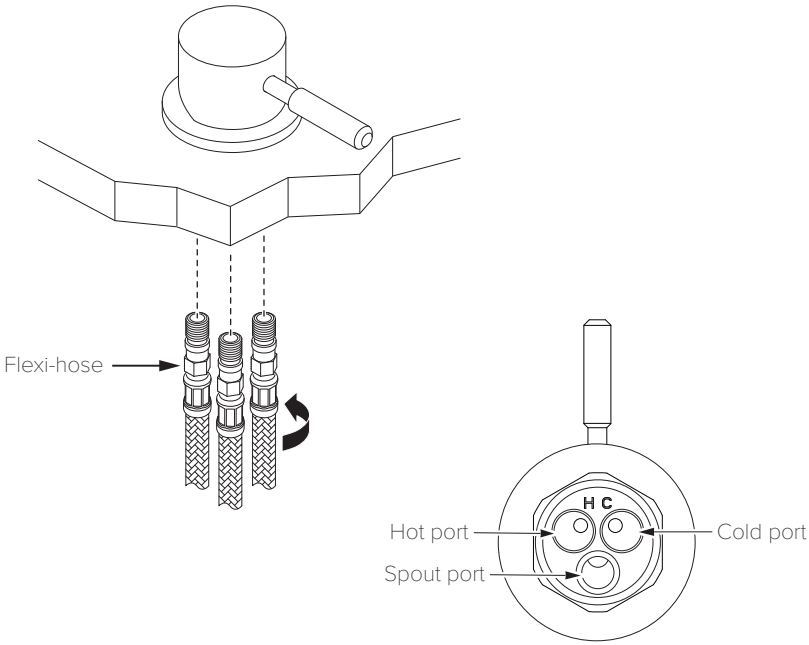
4. Screw the backnut onto the threaded tail and tighten to secure the spout. Do not over tighten.

FLOW VALVE INSTALLATION



1. Unscrew and remove the backnut and washer from the flow valve assembly.
2. The threaded tail of the flow valve is Ø30mm. When necessary, drill a suitable size hole in the mounting surface to suit the threaded tail.
3. Pass the threaded tail of the flow valve through the hole in the mounting surface. Align the lever.
4. Locate washer onto the threaded tail.
5. Screw the backnut onto the threaded tail and tighten to secure the flow valve. Do not over tighten.

MAKING THE CONNECTIONS (STEPS 1 - 3)

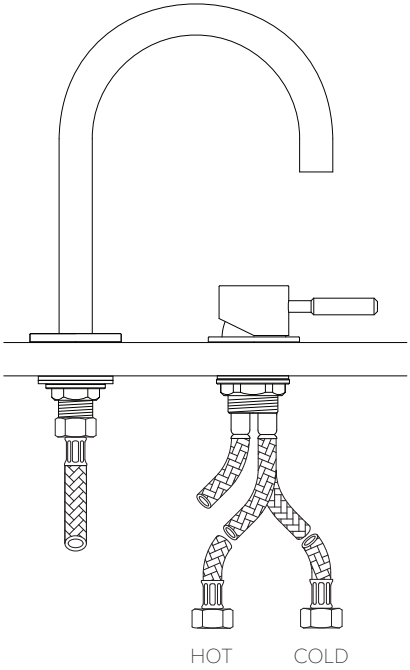


1. Screw the three flexi-hoses into the underside of the flow valve body.

2. Connect hoses to the appropriate water supplies at the bottom inlets of the flow valve. The hot connection must be made on the left hand side port, and the cold connection on the right hand side port.

3. The spout connection will be made to the rear port of the valve.

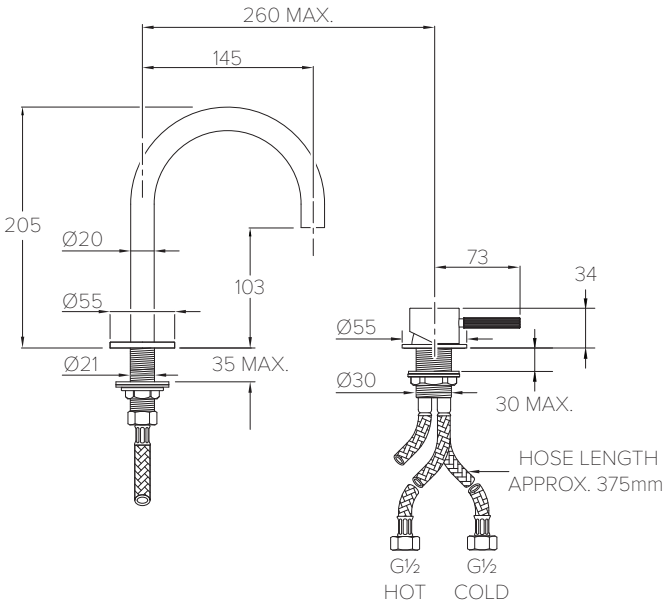
MAKING THE CONNECTIONS (STEP 4)



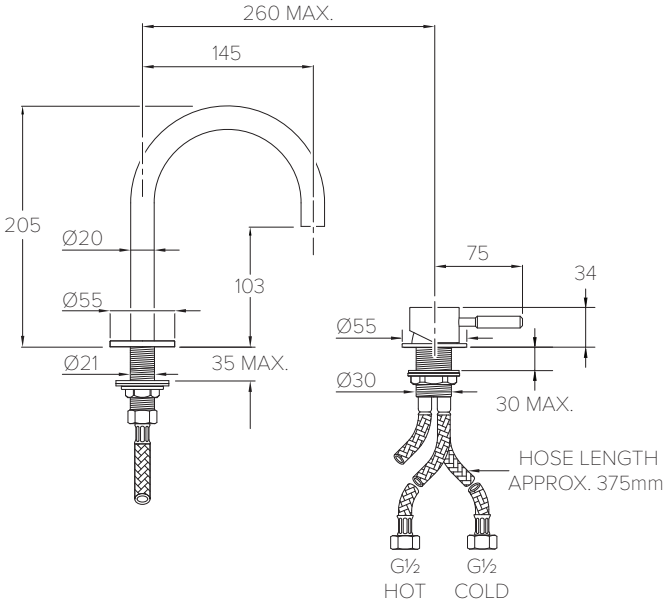
4. Check all connections for leaks before concealing pipework and finishing installation.

SPECIFICATION DIAGRAM (DC1003 & DO1003) (mm)

DECCA

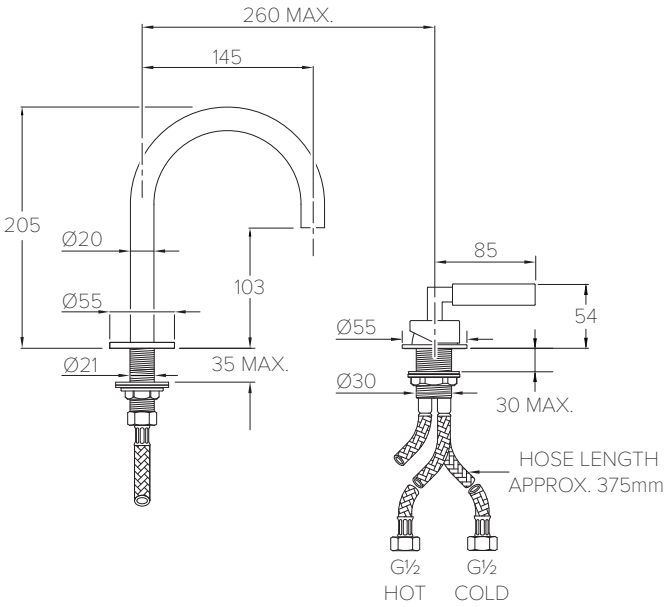


DOMO



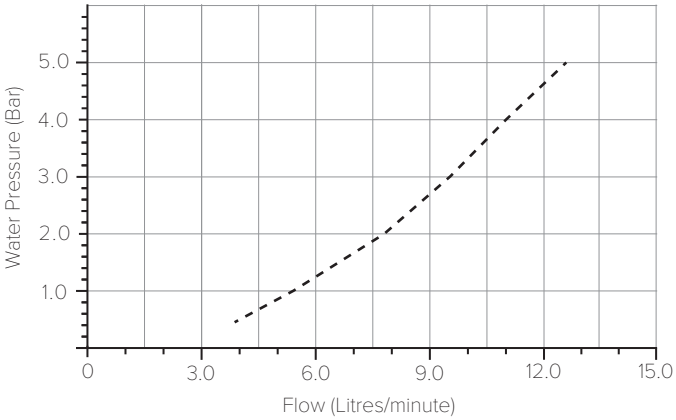
SPECIFICATION DIAGRAM (ZU1003) (mm)

ZURICH



TYPICAL FLOW RATES (1003 MODELS)

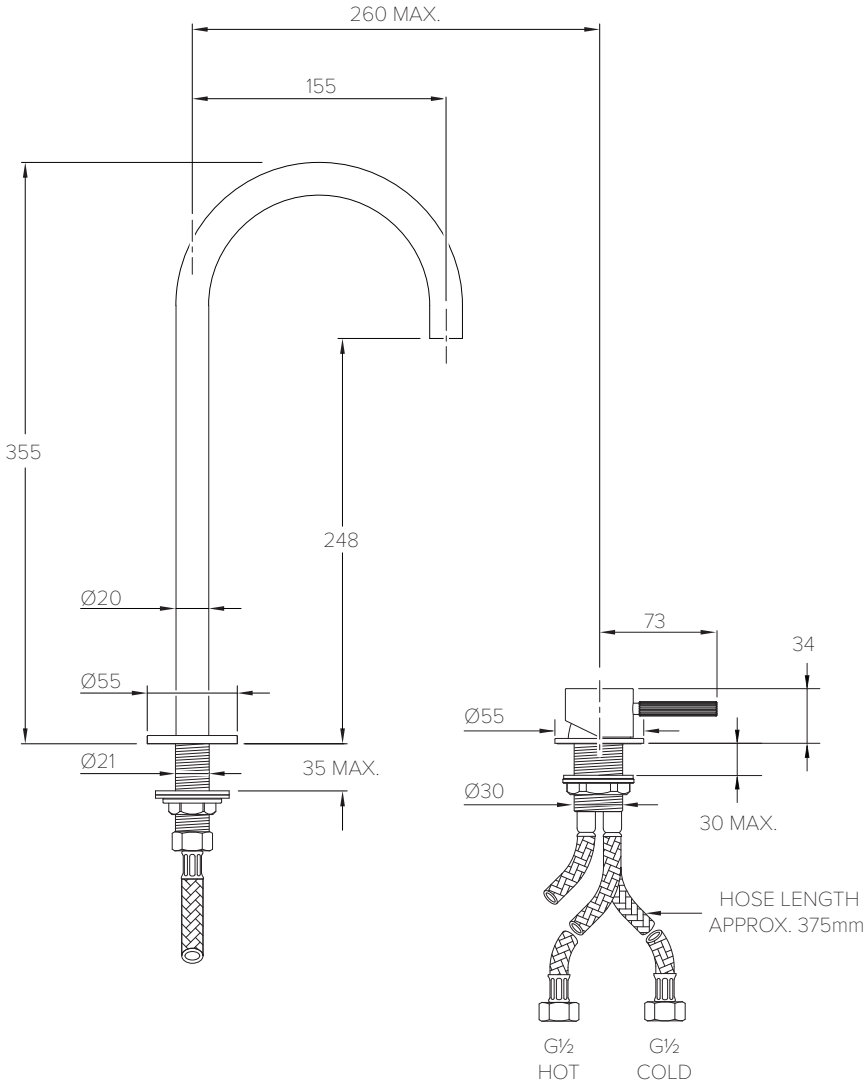
Flow rates shown are free-flowing and may vary subject to restrictions created by installation, pipework layout or application.



Water Pressure (Bar)	Outlet (Litres/minute)
0.5	3.9
1.0	5.4
2.0	7.7
3.0	9.4
4.0	11.0
5.0	12.4

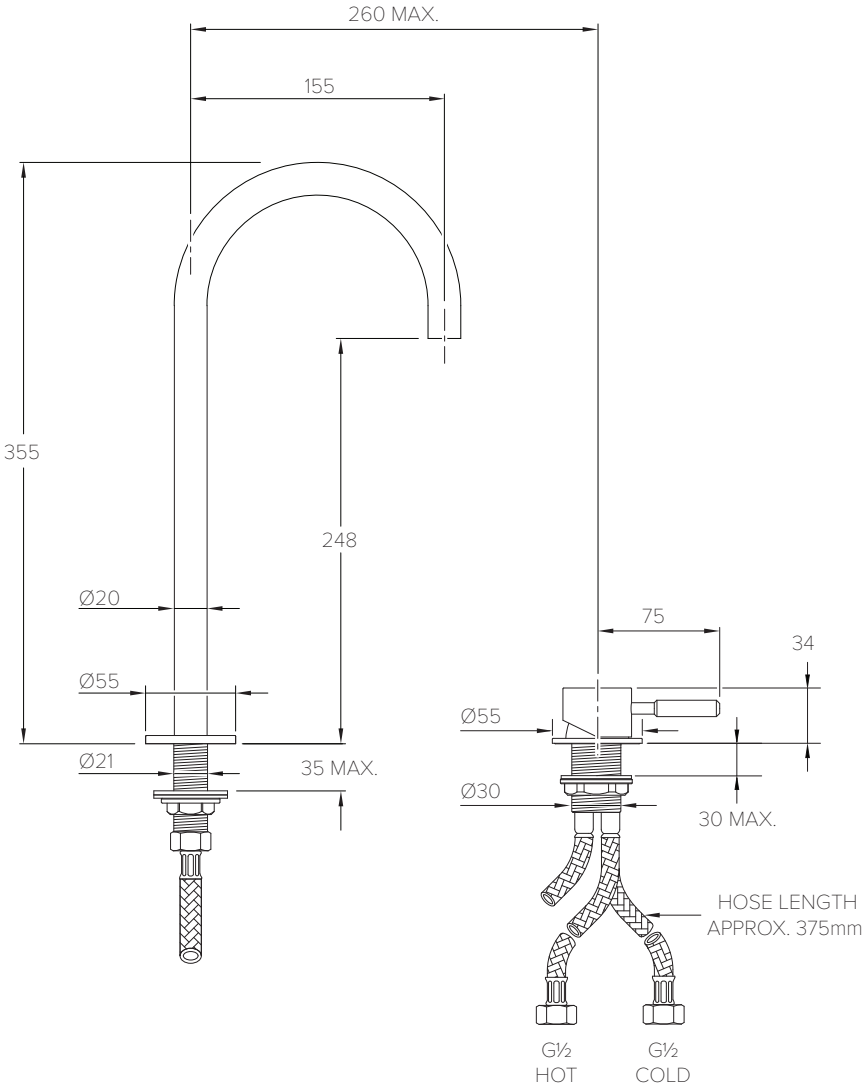
SPECIFICATION DIAGRAM (DC1004) (mm)

DECCA



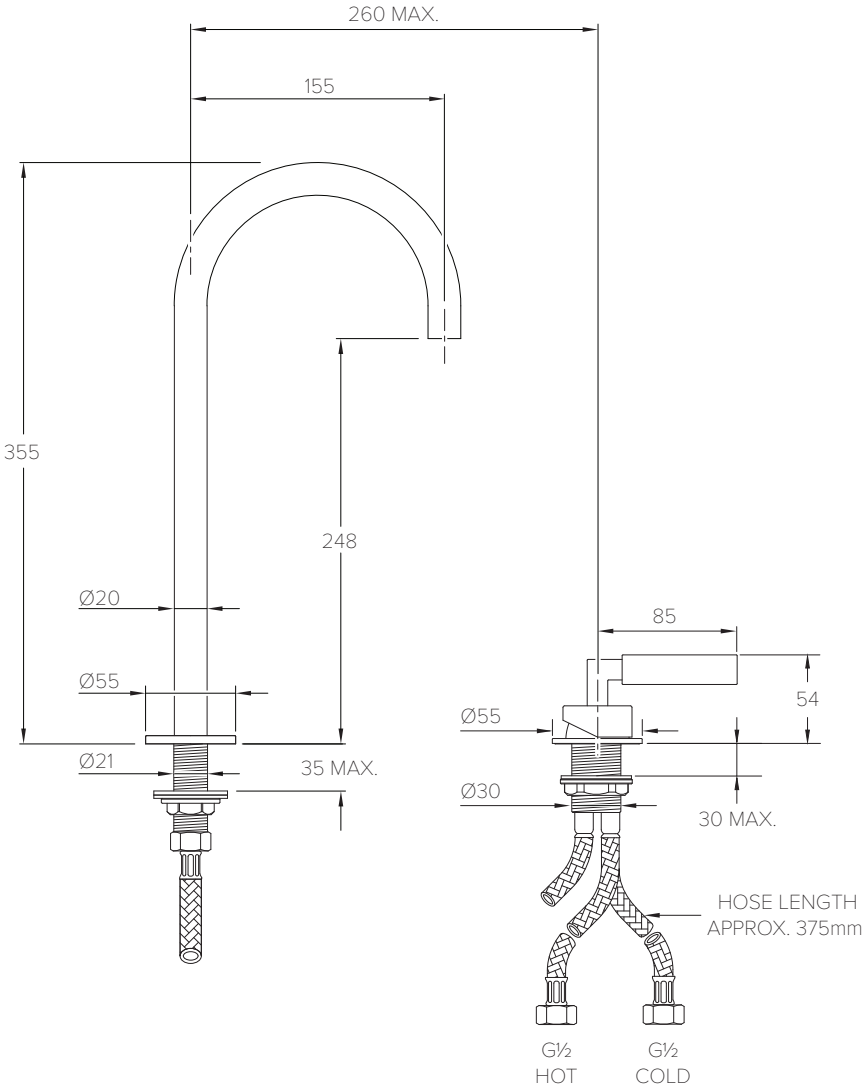
SPECIFICATION DIAGRAM – (DO1004) (mm)

DOMO



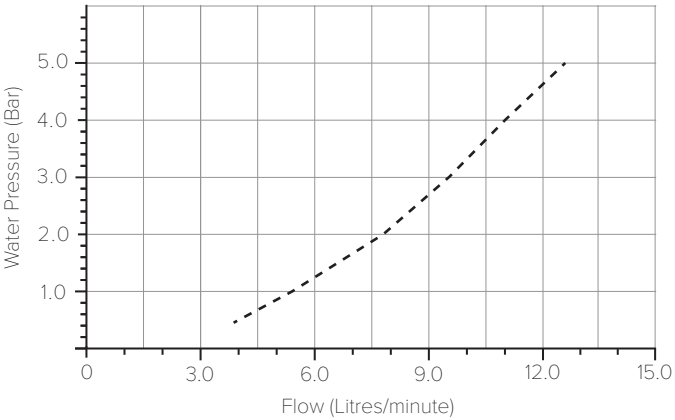
SPECIFICATION DIAGRAM (ZU1004) (mm)

ZURICH



TYPICAL FLOW RATES (1004 MODELS)

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	3.8
1.0	5.5
2.0	7.8
3.0	9.6
4.0	11.1
5.0	12.4

NOTES

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