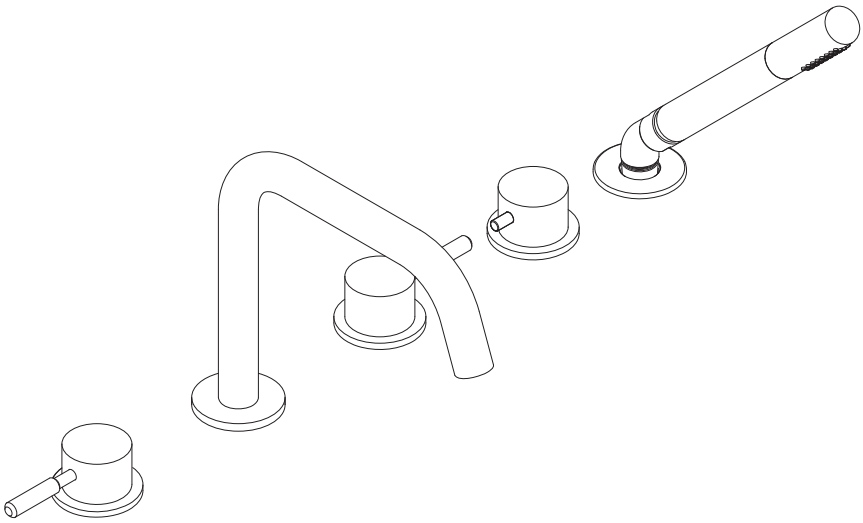
COALBROOK



5 HOLE DECK MOUNTED BATH FILLER & HANDSHOWER INSTALLATION

2000

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.

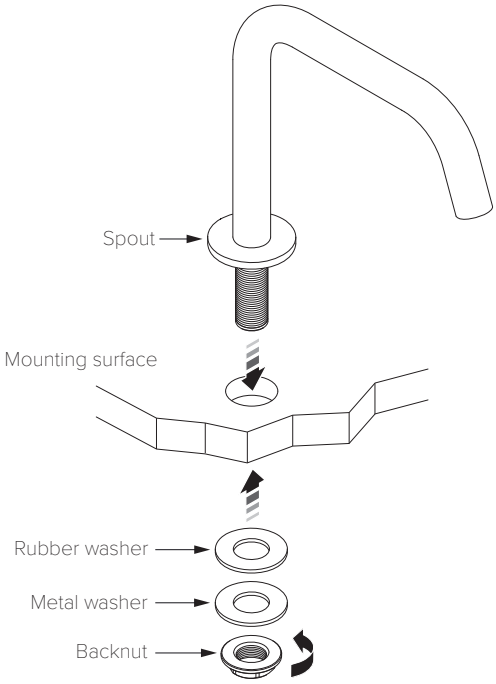
Flushing system
It is most important to flush out all pipework thoroughly before connecting the product. Failure to do so is the single most common cause of cartridge failure and restriction.

Supply connections
The hot water supply must be connected to the bottom port of the left hand flow valve, and cold water to the bottom port of the right hand 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.

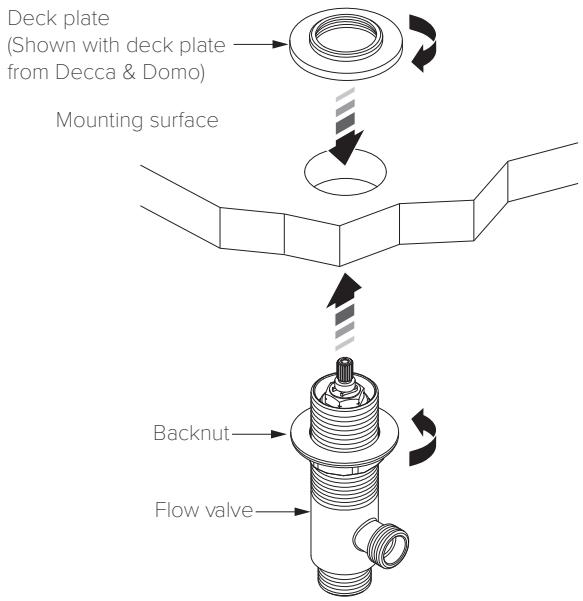
Water quality
In hard water areas, a suitable water treatment system should be provided to prevent limescale deposits (calcium deposits) which may effect the long term performance of the cartridges. Exterior surfaces should be gently wiped with a dry soft cloth after use to minimise water stains and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

SPOUT INSTALLATION DIAGRAM



1. When necessary, drill a suitable hole in the mounting surface to suit the Ø21mm threaded tail of the spout.
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 DIAGRAM FOR DECCA, DOMO & ZURICH MODELS



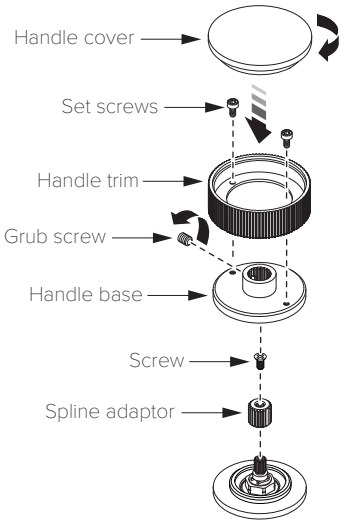
DECCA, DOMO & ZURICH

1. When necessary, drill suitable holes in the mounting surface to suit the Ø35mm flow valve bodies.
2. Locate the flow valve bodies through the holes in the mounting surface.
3. Screw the deck plates onto the top of the flow valves until they come to a natural stop.
4. Screw the backnuts up to the mounting surface to secure.

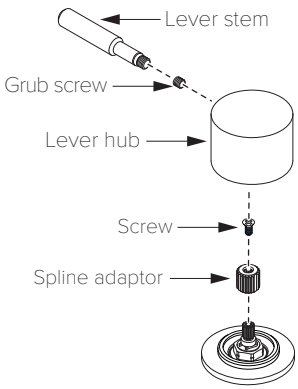
   Note: Suitable access is required underneath the mounting surface as the flow cartridges can only be serviced by removing the side valve assemblies from their mounted position.

FLOW VALVE TRIM INSTALLATION DIAGRAM 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

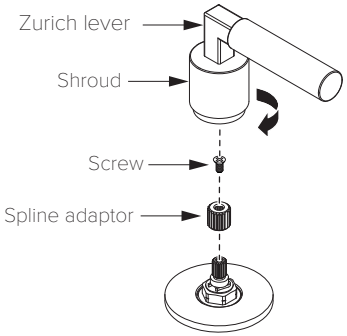
1. Locate the spline adaptors onto the flow valve splines. Secure using the supplied screws.

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.

FLOW VALVE TRIM INSTALLATION DIAGRAM FOR ZURICH MODELS

ZURICH



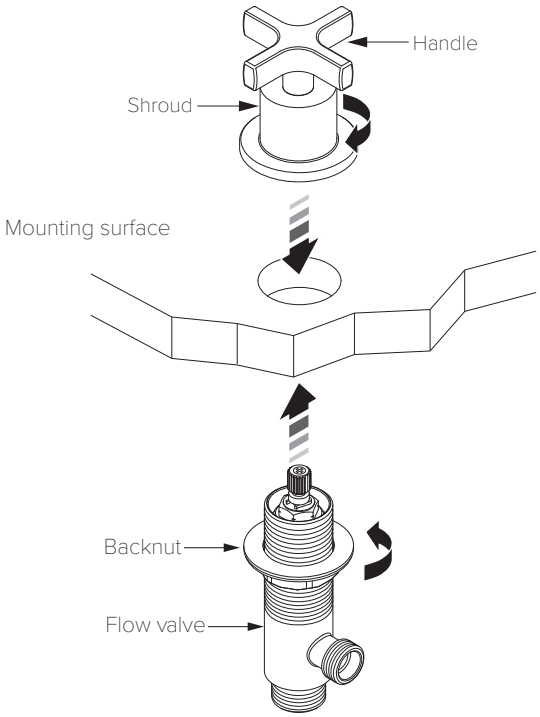
ZURICH

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.

FLOW VALVE & TRIM INSTALLATION DIAGRAM FOR BANK MODELS

BANK



BANK

1. When necessary, drill suitable holes in the mounting surface to suit the Ø35mm flow valve bodies.

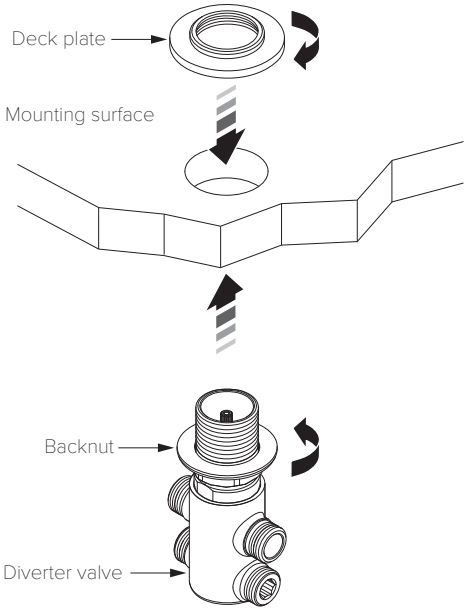
2. Locate the flow valve bodies through the holes in the mounting surface.

3. Rotate the handles to the required orientation. Offer the handles to the flow valves. Locate the handles on to the splines of the ceramic cartridges. Rotate the shrouds to secure. Do not over tighten the shrouds.

4. Screw the backnuts up to the mounting surface to secure.

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

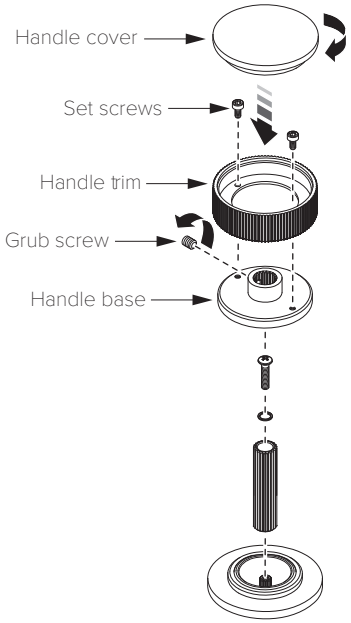
DIVERTER INSTALLATION DIAGRAM FOR DECCA, DOMO & ZURICH MODELS



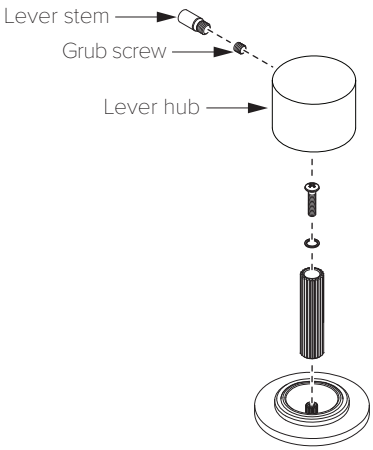
1. When necessary, drill a suitable hole in the mounting surface to suit the Ø35mm diverter body.
2. Locate the diverter body through the hole in the mounting surface.
3. Screw the deck plate onto the top of the diverter valve until it comes to a natural stop.
4. Rotate the diverter valve body so that the inlet and outlet ports are facing the required direction. Screw the backnut up to the mounting surface to secure.

DIVERTER TRIM INSTALLATION DIAGRAM FOR DECCA, DOMO & ZURICH MODELS

DECCA



DOMO & ZURICH



DECCA

1. Locate the spline adaptors onto the diverter valve splines. Secure using the supplied screws.

2. Locate the handle base onto the splined adaptor and secure using the provided grub screw and suitable hexagonal key.

3. Locate the handle trim onto the handle base. Align the holes in both components and secure the handle trim using the two set screws provided.

4. Locate and screw the handle cover into the handle trim.

DOMO

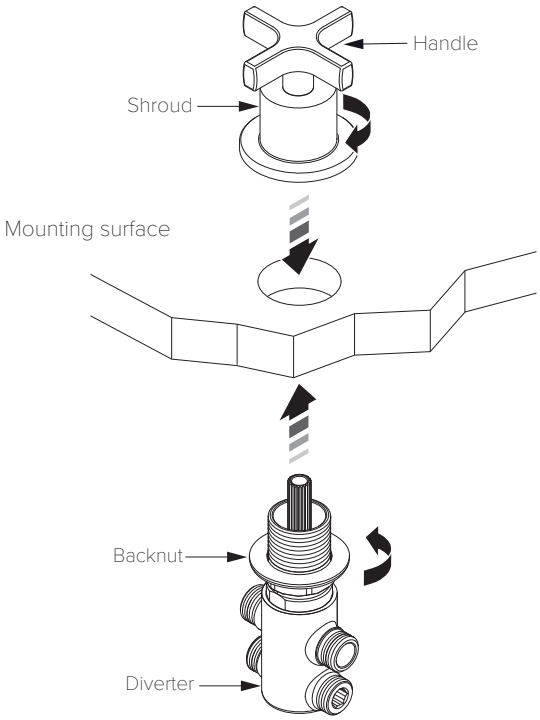
1. Locate the spline adaptors onto the diverter valve splines. Secure using the supplied screws.

1. Rotate the lever hub to the required orientation. Locate the lever hub onto the splined adaptor. Secure the lever hub by screwing the grub screw into the lever hub using a suitable hexagonal key.

2. Locate and screw the lever stem into the lever hub.

DIVERTER & TRIM INSTALLATION DIAGRAM FOR BANK MODEL

BANK



BANK

1. When necessary, drill a suitable hole in the mounting surface to suit the Ø35mm diverter valve body.

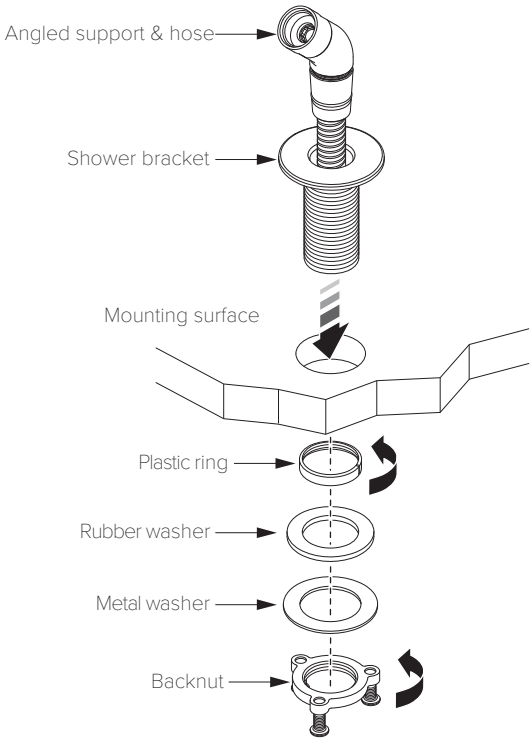
2. Locate the diverter valve body through the hole in the mounting surface.

3. Rotate the diverter valve body so that the inlet and outlet ports are facing the required direction. Screw the backnut up to the mounting surface to secure.

4. Rotate the handle to the required orientation. Offer the handle to the diverter valve. Locate the handle onto the splines of the cartridge. Rotate the shroud to secure. Do not over tighten the shroud.

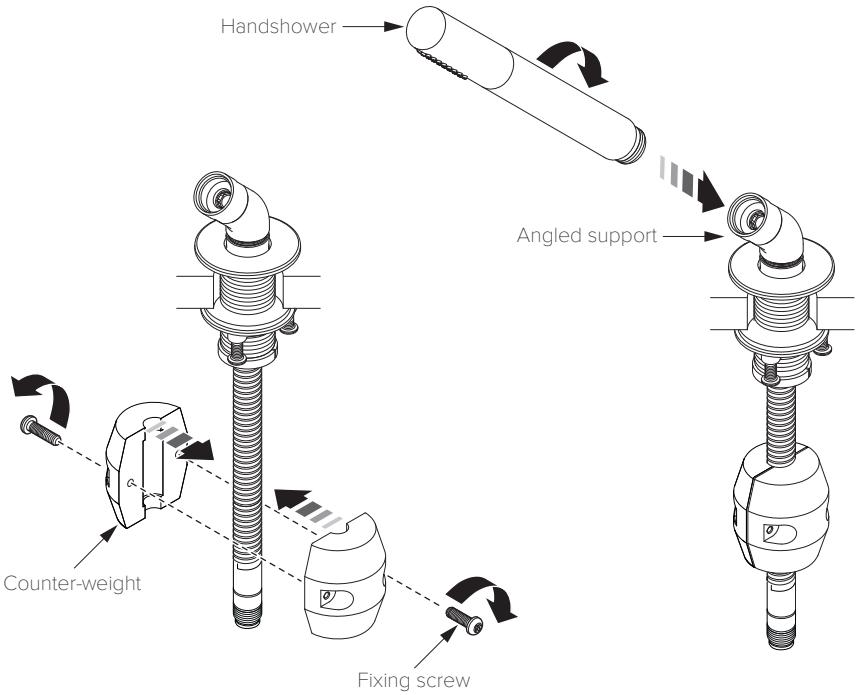
   Note: Suitable access is required underneath the mounting surface as the diveter cartridge can only be serviced by removing the diverter assembly from it's mounted position.

HANDSHOWER INSTALLATION DIAGRAM (STEPS 1 - 6)



1. When necessary, drill a suitable hole in the mounting surface to suit the Ø29mm threaded tail of the shower bracket.
2. Unscrew the plastic ring from the bottom of the threaded tail of the shower bracket.
3. Pass the threaded tail of the shower bracket and the hose through the hole in the mounting surface.
4. Screw the plastic ring onto the bottom of the threaded tail.
5. 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.
6. Screw the backnut onto the threaded tail, and tighten the shower bracket to the mounting surface using the three attached screws. Do not over tighten.

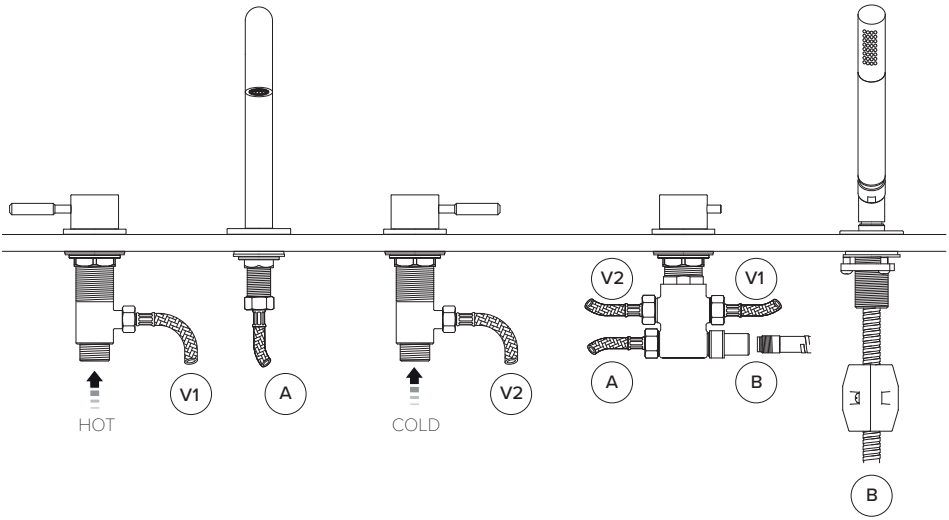
HANDSHOWER INSTALLATION DIAGRAM (STEPS 7 - 8)



7. Once the shower bracket and hose are in place, install the counter-weight a third of the way up the hose. This can be completed by aligning the two halves around the hose and securing in place using the two supplied screws.

8. To finalise the installation, screw the handshower into the angled support.

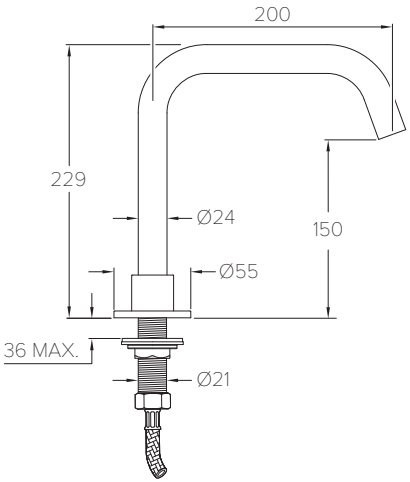
CONNECTIONS INSTALLATION DIAGRAM



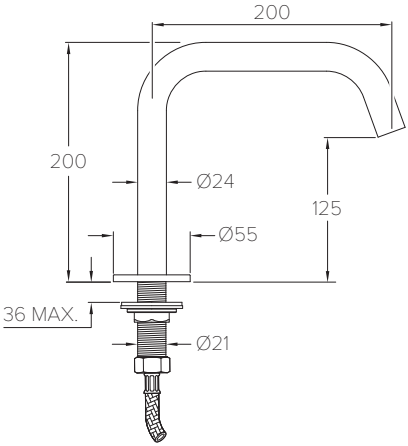
1. Connect the hot and cold water supplies at the bottom inlets of the flow valves.
2. Follow the coded pairs in the diagram above to check relevant plumbing connections.
3. Check all connections for leaks before concealing pipework and finishing installation.

SPECIFICATION DIAGRAM (mm)

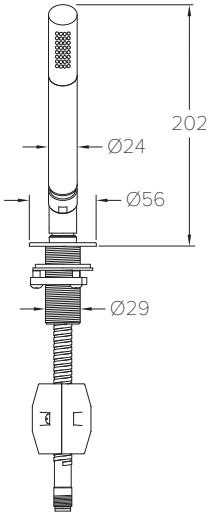
BANK & ZURICH



DECCA & DOMO

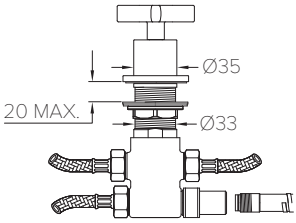


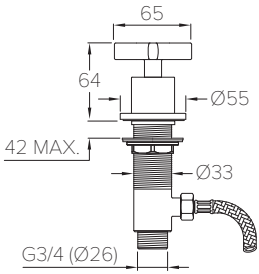
ALL MODELS



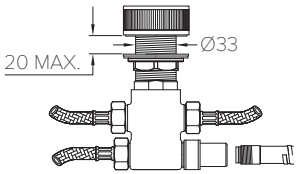
SPECIFICATION DIAGRAM (mm)

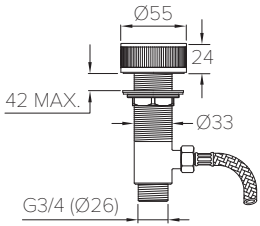
BANK



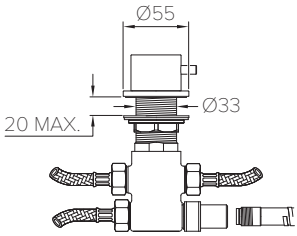


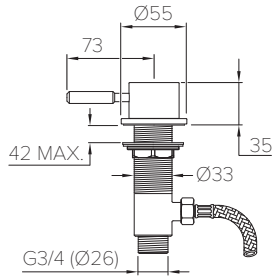
DECCA



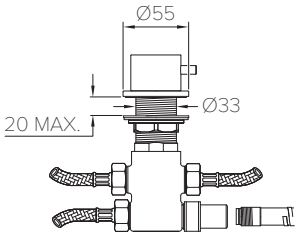


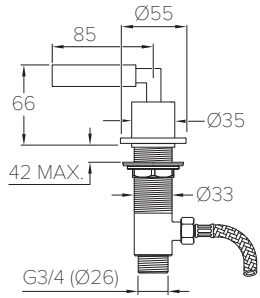
DOMO





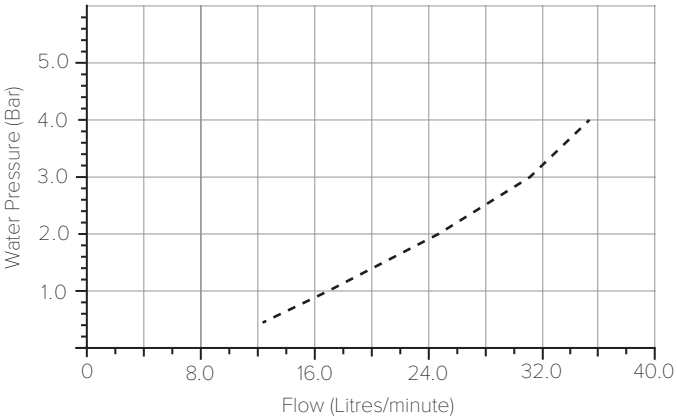
ZURICH





TYPICAL FLOW RATES (SPOUT)

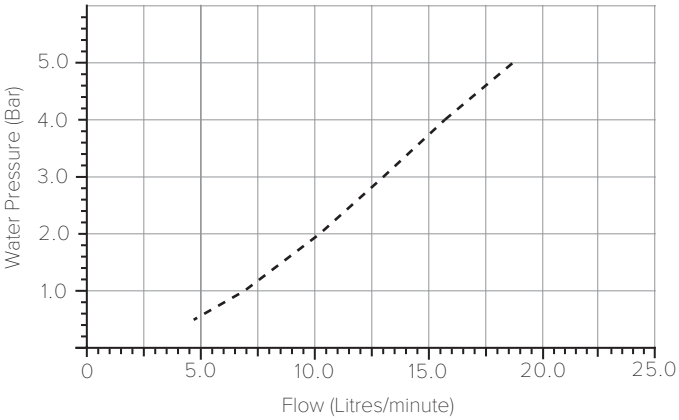
Flow rates shown are free-flowing and may vary subject to restrictions created by installation, pipework layout or application.



Water Pressure (Bar)	Outlet (Litres/minute)
0.5	12.1
1.0	16.9
2.0	24.4
3.0	31.1
4.0	35.3

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)	Outlet (Litres/minute)
0.5	4.7
1.0	6.9
2.0	10.2
3.0	13.0
4.0	15.7
5.0	18.7

NOTES

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