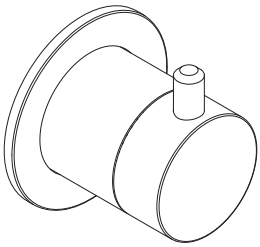
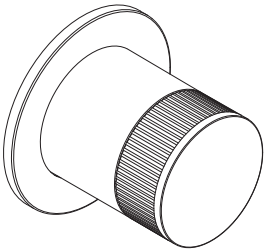
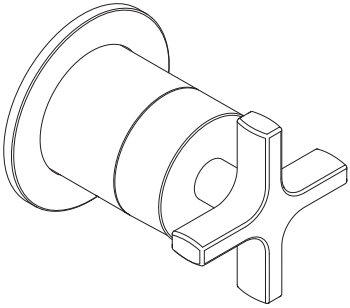
COALBROOK







# WALL MOUNTED DIVERTER INSTALLATION

2007 | 2104

## 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 where required (these are 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).

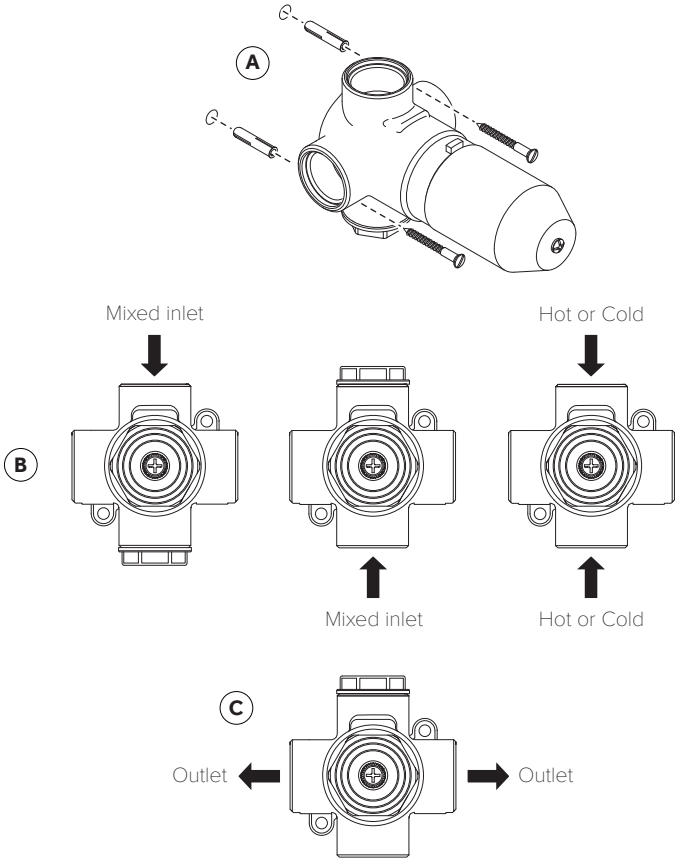
### Supply temperature safety notice
A thermostatic mixing valve (TMV) should be fitted (this is not supplied) to the hot supply to restrict the temperature to a safe working/maximum temperature, to comply with local building regulations, current legislation, relevant standards and codes of practice. 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 to the product . Failure to do so is the single most common cause of cartridge failure and water restriction.

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

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

## DIVERTER INSTALLATION



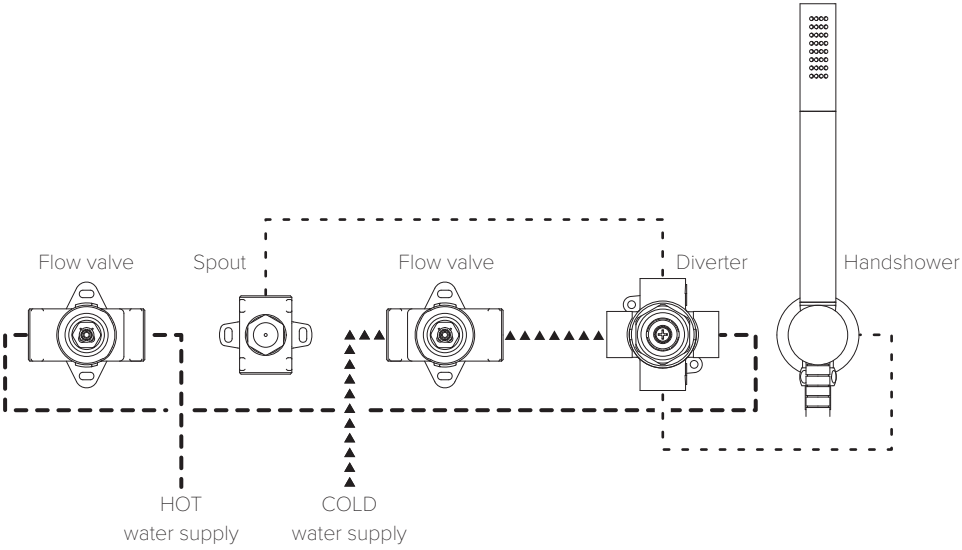

1. Locate and secure the diverter to the mounting surface using suitable fixings (A).

2. Connect the inlets to the diverter. A single mixed inlet can be used, or the blanking plug can be removed to allow hot and cold inlets at the bottom and top (B).

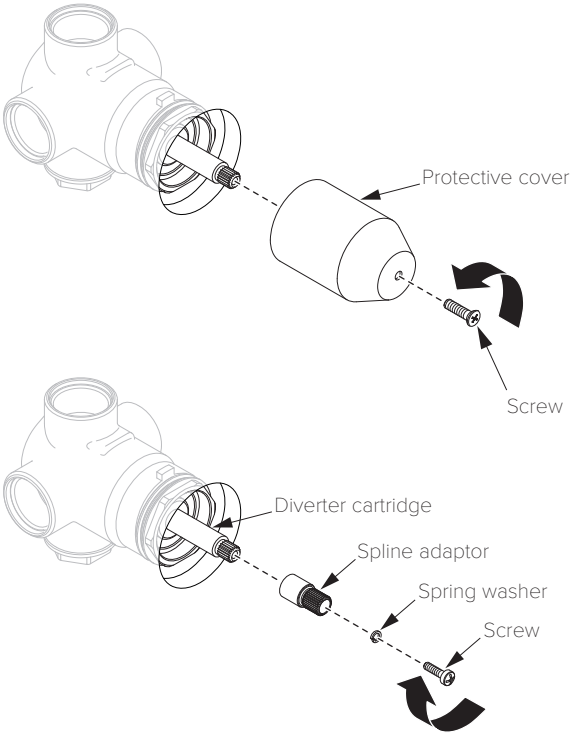
3. Connect the outlets to the diverter. Always check for leaks before applying the finished wall surface. A 48mm - 50mm diameter hole is recommended in the finished wall surface. This will enable the rubber washer in the rear of the wall plate to make contact with the finished wall.

## EXAMPLE LAYOUT

Example layout only. Diverter and flow valve orientation are subject to customer requirements.



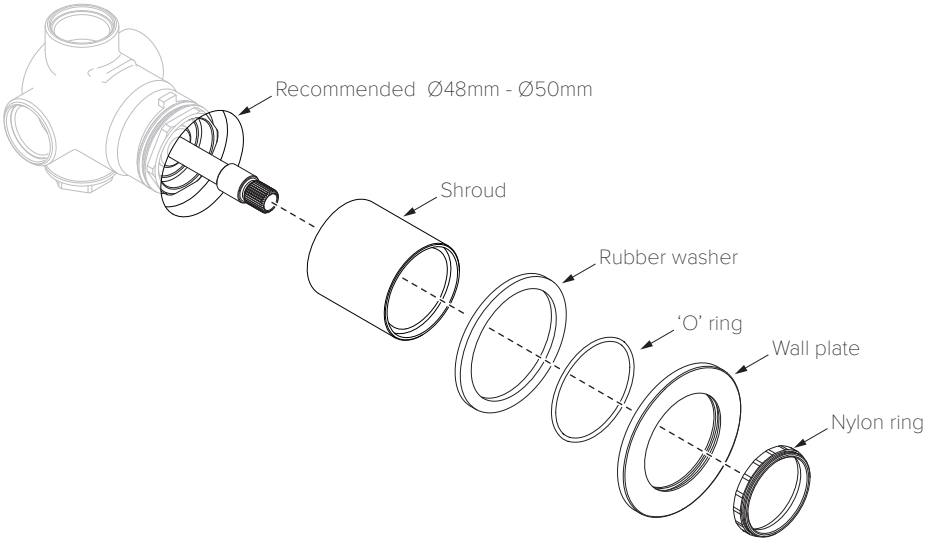
## DIVERTER CARTRIDGE SPLINE ADAPTOR INSTALLATION




1. Remove the protective cover. Dispose of the protective cover and screw.

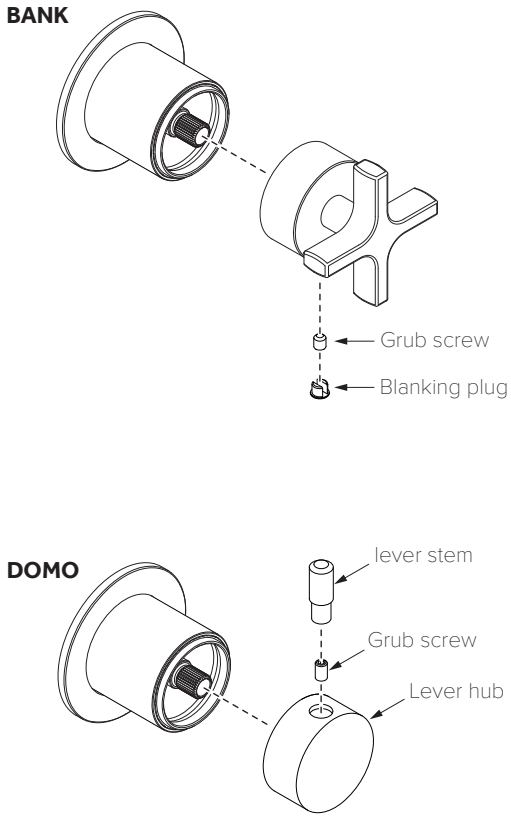
2. Locate the spindle adaptor onto the diverter cartridge and secure using the screw and spring washer provided.

## HANDLE SHROUD & WALL PLATE INSTALLATION




1. Locate and gently push the handle shroud on to the diverter body.
2. Ensure that the central 'O' ring and rear rubber washer are installed into the wall plate.
3. Gently slide the wall plate over the shroud up to the wall surface.
4 Insert the nylon ring into the shroud.

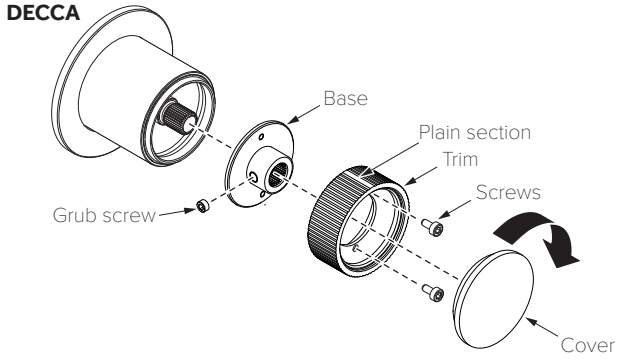
## BANK & DOMO TRIM INSTALLATION




1. For the BANK trim assembly, locate the handle assembly on to the diverter splines and secure using the grub screw and a suitable hexagonal key. Locate and secure the decorative blanking plug with light pressure.

2. For the DOMO trim assembly, locate the lever hub onto the diverter spline and secure using the grub screw and a suitable hexagonal key. Screw the lever stem into the lever hub.

## DECCA TRIM INSTALLATION



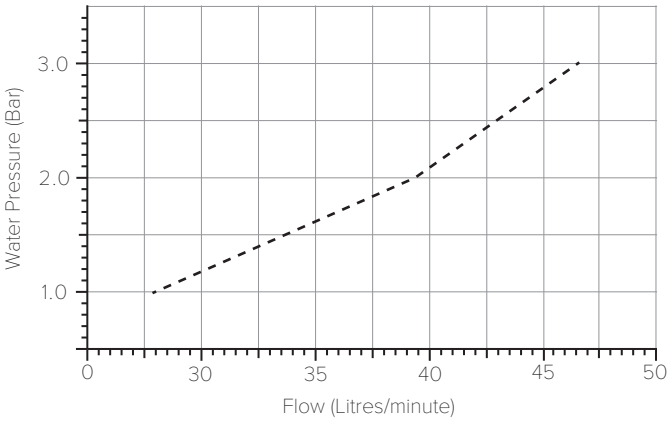

1. For the DECCA trim assembly, rotate the handle base until the two small holes are vertical. Locate the base onto the diverter splines and secure using the grub screw and a suitable hexagonal key.

2. Secure the handle trim to the base using the two set screws and a suitable hexagonal key. The plain section of the flow control handle should be aligned so that it is on top when in the 'OFF' position.

3. Screw the cover onto the trim.

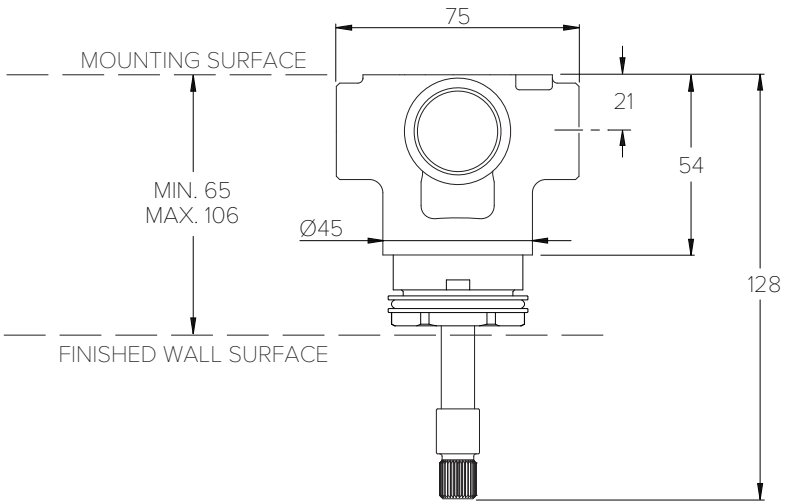
## TYPICAL FLOW RATES

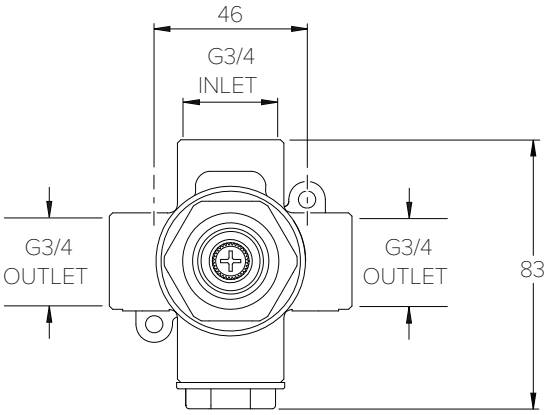
Flow rates shown are free-flowing and may vary subject to restrictions created by installation, pipework layout or application




| Water Pressure (Bar) | Outlet (Litres/minute) |
|---|---|
| 1.0 | 27.7 |
| 2.0 | 39.4 |
| 3.0 | 46.6 |

## SPECIFICATION DIAGRAM (ROUGH) (mm)



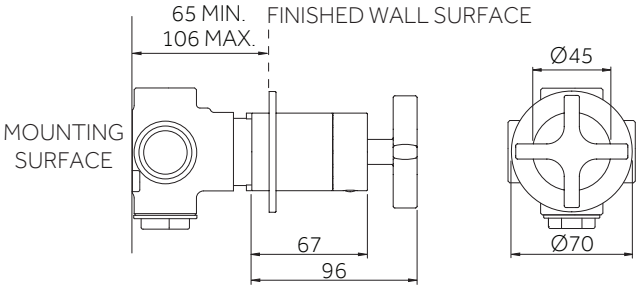




BLANKING PLUG

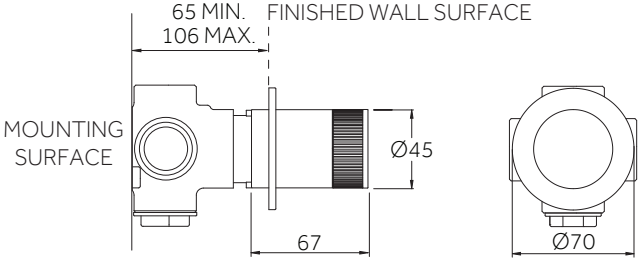
The diverter is supplied with a blanking plug fitted.
This can be removed if an additional supply inlet is required.

## SPECIFICATION DIAGRAM (TRIMS) (mm)

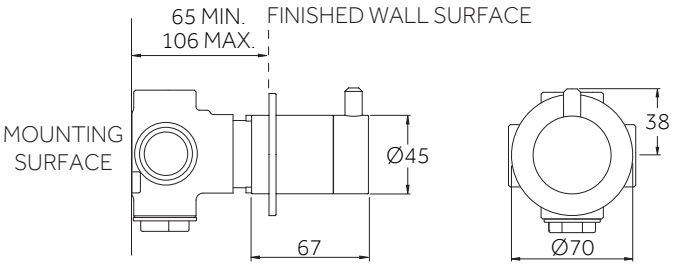
BA2007




DC2007




DO2007



COALBROOK



V5.0126

COALBROOK

www.coalbrookuk.co.uk | info@coalbrookuk.co.uk