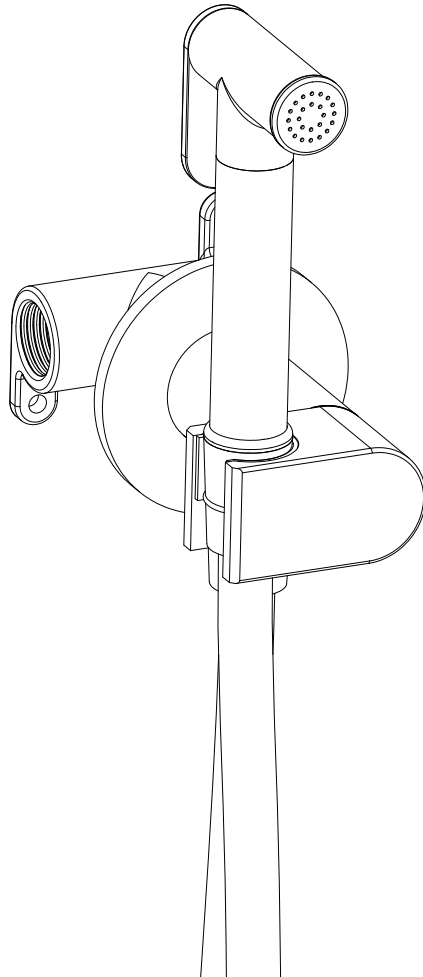


DOUCHES

Douche Mixer Valve With Handset & Holder Kit

PRODUCT CODES:

DO945

**IMPORTANT INFORMATION BEFORE YOU START**

Please read carefully and keep this information for further reference.

All products manufactured and supplied by Crosswater are safe provided they are installed, used correctly and receive regular maintenance in accordance with these instructions. If you are in any doubt about your ability to install this product safely you must employ the services of an experienced qualified plumber.

These fittings need to be installed in accordance with, and meet the requirements of the Water Supply (Water Fittings) Regulations 1999 and Scottish Byelaws 2004.

Operating pressure range: Minimum 0.5 bar, Maximum 5.0 bar.
Maximum static pressure: 10.0 bar.

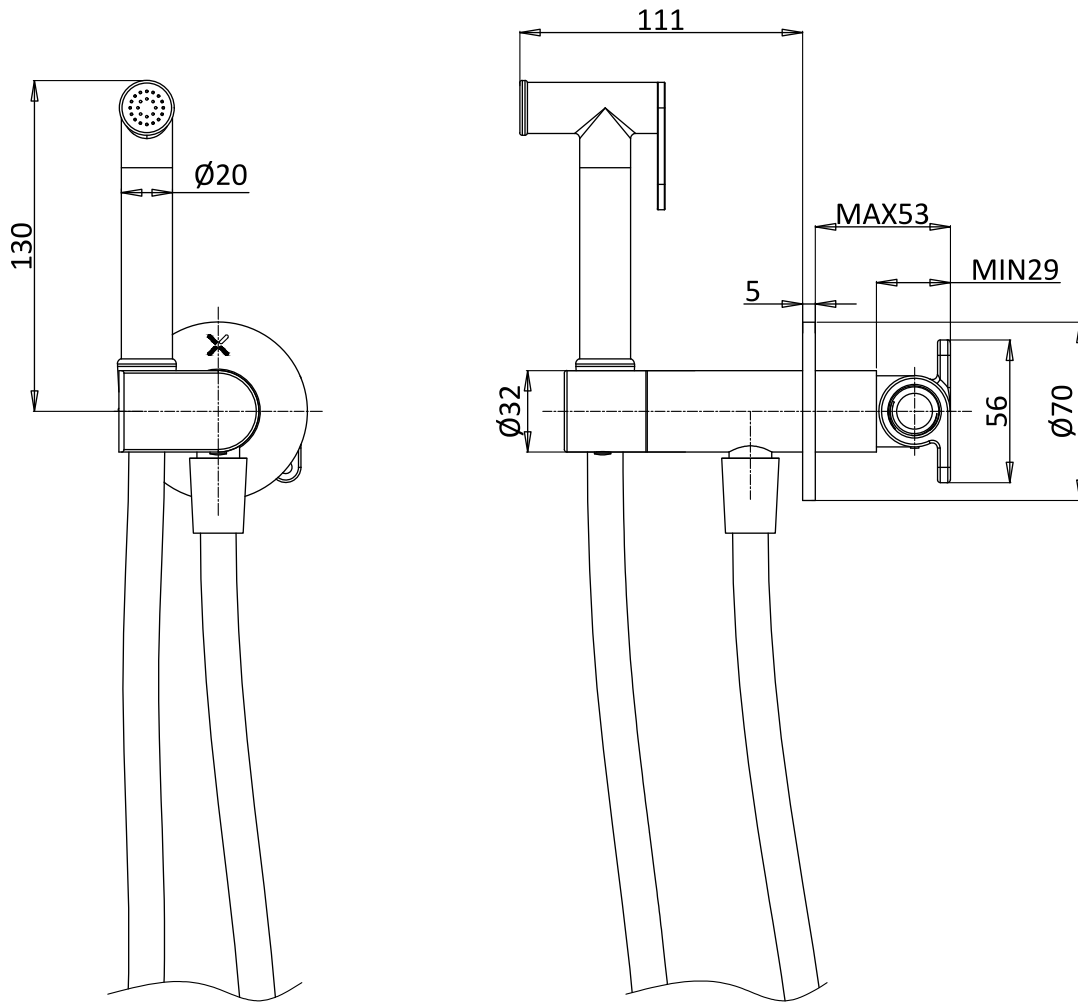
Note: Nominally equal (balanced) inlet supply pressures are recommended for optimum performance with mixer taps.

Designed to comply with BS EN 200 for single taps / combination taps and BS EN 817 for single lever mixers, for water systems of type 1 and 2 general technical specifications and to be used within systems designed to BS 6700. BS 6700 recommends the temperature of stored water should never exceed 65°C.

A stored water temperature of 60°C is considered sufficient to meet all normal requirements and will minimise the build up of lime scale in hard water areas.

If the fitting is installed at low pressure (tank fed), then the minimum distance from the highest installed position of the outlet to the underside of the cold tank should be at least 2 metres to ensure adequate performance.

DIMENSIONS



NOTE: ALL DIMENSIONS IN MILLIMETRES



IMPORTANT INFORMATION

Please read carefully and keep this information for further reference.

These taps and mixers should be installed in compliance with the Water Regulations.

Where the supplies are unbalanced, i.e. Hot water from cylinder tank / cold from the mains, approved check valves must be fitted in the supply pipes.

For further details contact your Local Water Authority.

BEFORE YOU START

Important Pre-Installation Notes

Remove all packaging and check the fitting for damage before starting installation.

Warning: Before starting any installation please consider the following: before drilling into walls, check that there are no hidden electrical wires, cables or water supply pipes. This can be checked with the aid of an electronic detector.

If power tools are used do not forget to: -

Wear eye protection

Unplug equipment after use

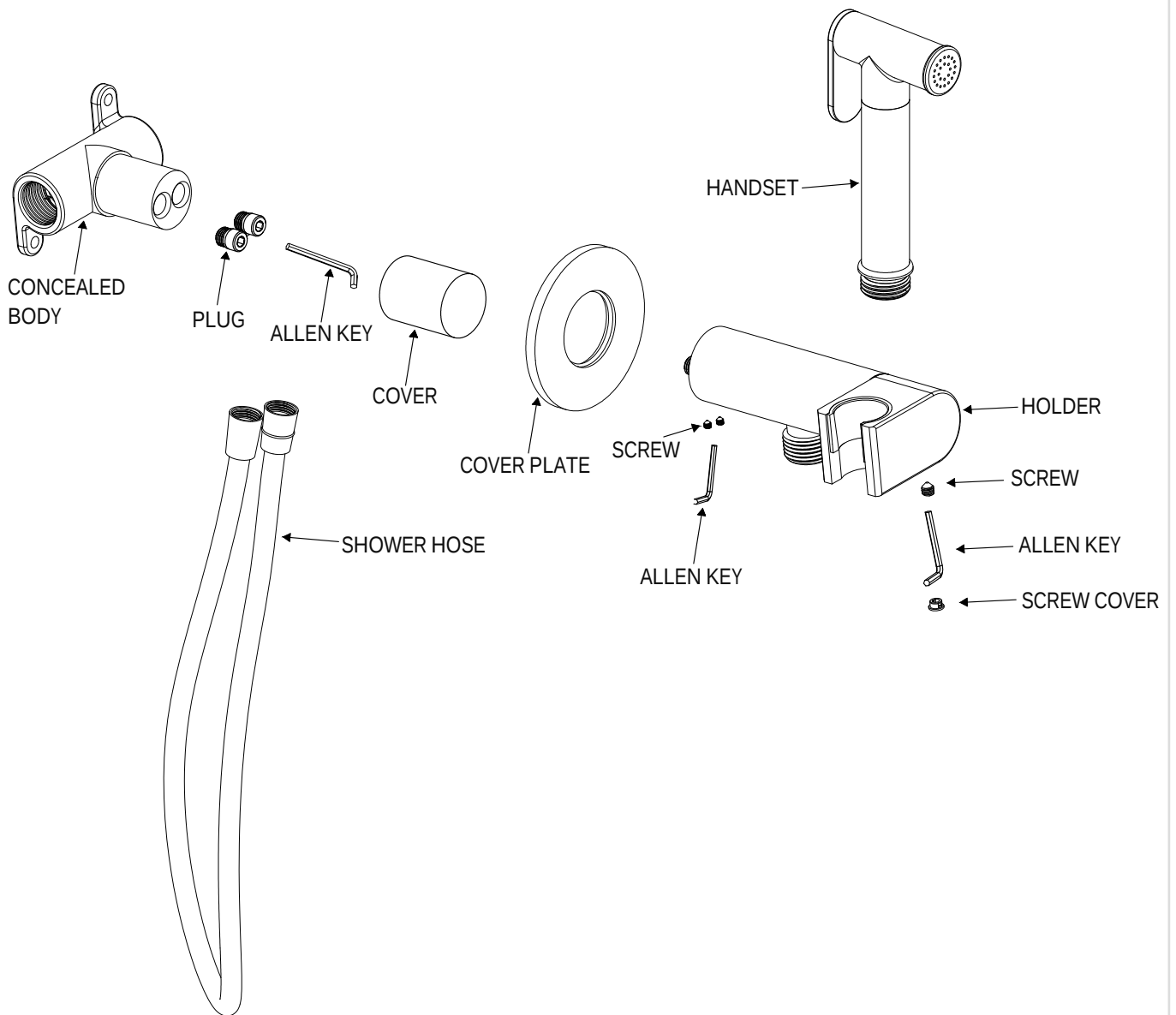
Important:

Remember to turn off the mains water supply before connecting to any existing pipe work. Fitting isolating valves to the inlet feeds is recommended for ease of maintenance.

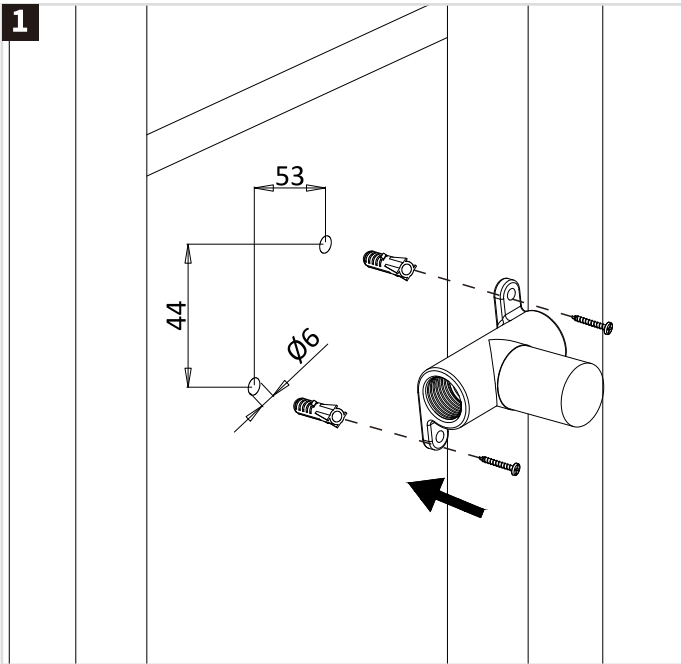
Warning: Before installing the new fitting it is essential that you thoroughly flush through the pipework in order to remove any remaining swarf, solder, etc. Failure to carry out this procedure could cause problems or damage to the workings of the fitting.

Take care when handling the 'flexible connecting pipes', do not bend, twist or crush them. Only tighten the pipes by hand. Do not crush or kink the shower hose, this could damage the hose and cause leaks.

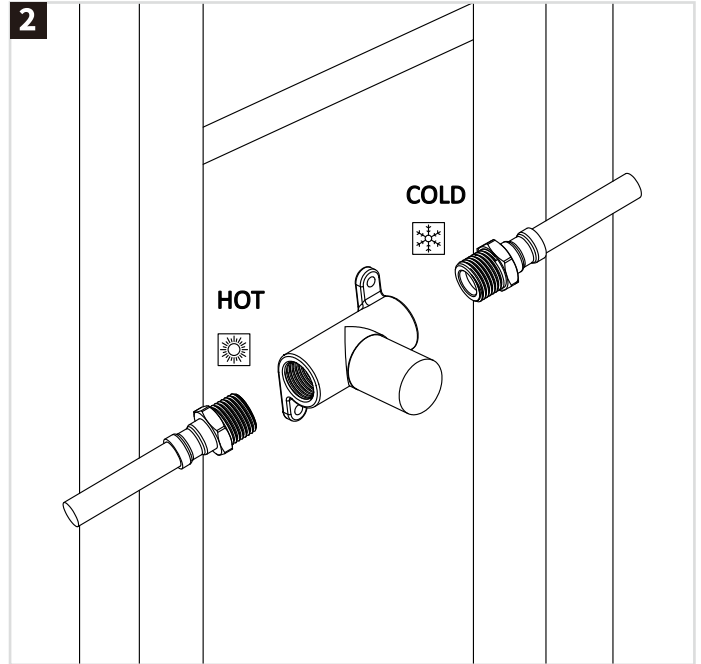
COMPONENTS



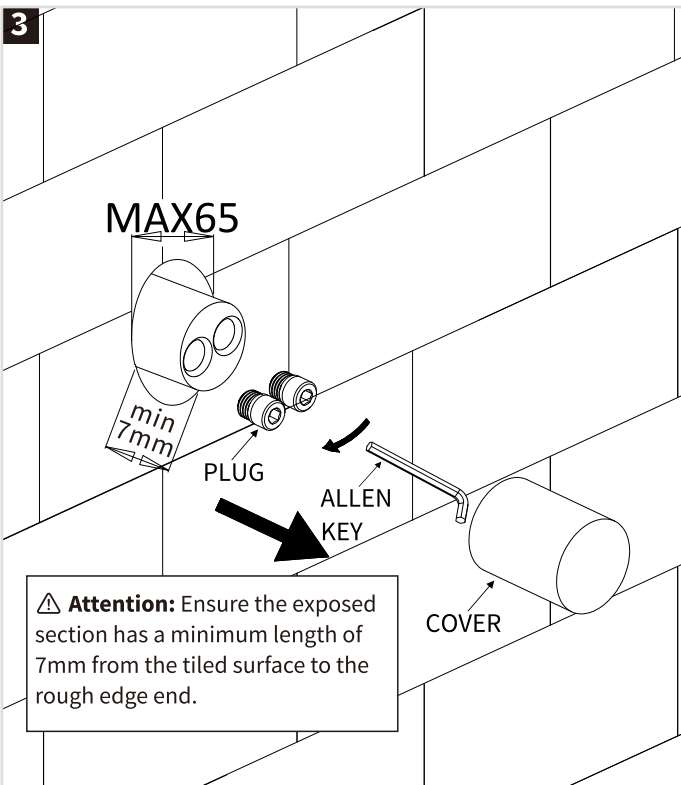
INSTALLATION



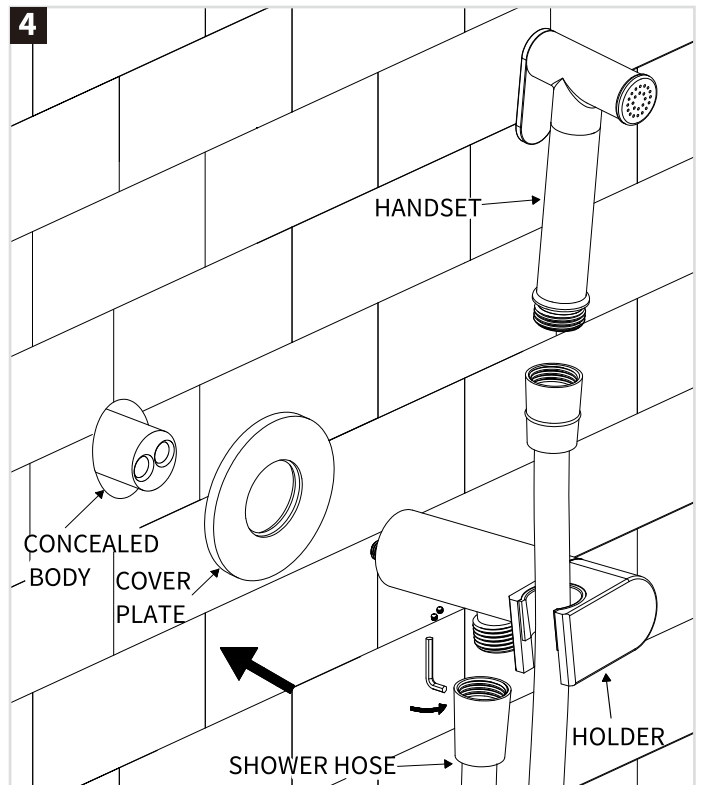
Mark fixing hole position on wall, drill and insert suitable fixings to secure valve body.



Connect the hot (to the left) and cold (to the right) water supplies to the valve body. Check for leaks.



Tile the wall. Please note the minimum 29mm and maximum 53mm distance from the tile face to the bottom of the valve body.
Remove the valve cover and unscrew the 2 plugs using the supplied allen key (included).

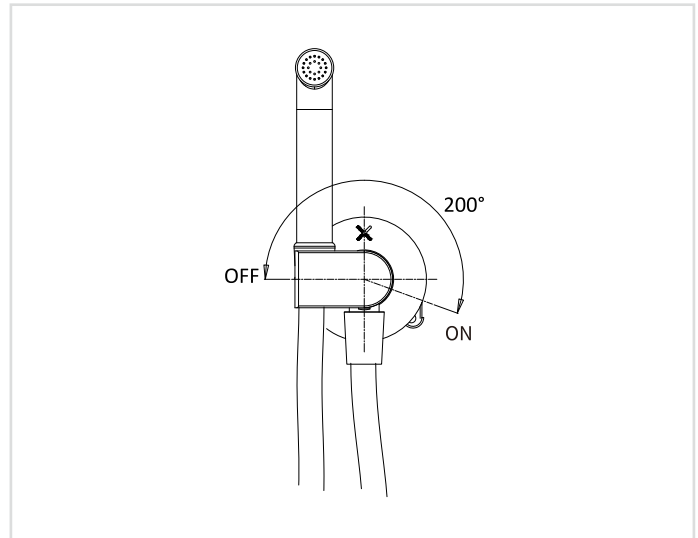


Slide the cover plate over the protruding section of the body. Insert the valve and handset holder assembly and secure using the two screws and allen key provided. Assemble the handset and shower hose, then connect to the outlet and place the handset into the holder. Check for leaks.

OPERATION

Remove the handset from the holder. Rotating the holder clockwise will increase water flow and temperature.

Note: The handset can only be placed back into the holder when the valve is shut off.



CLEANING THE CARTRIDGE

The concealed cartridge should give trouble free service, but in the event of any problems, servicing is straight forward.

To remove the cartridge:

Isolate the hot and cold water supply. Remove the screw cover. Using allen key loosen the screw in holder and pull off the holder and unscrew the screw and take off the washer. Using the correct size spanner unscrew and remove the retaining nut. Pull out the cartridge taking note of its orientation. Wash the cartridge with clean running water and make sure that any trapped debris has been removed. Dry and lightly grease the seal (only use silicone grease) and replace the cartridge followed by the retaining nut, washer and screw, adjust the angle then fit the holder and tighten the screw.

CLEANING THE PRODUCT

The material we use in our taps is very durable, nevertheless care should be taken when cleaning them. They should be cleaned only with warm soapy water followed by rinsing with clean water and drying with a soft cloth. All finishes are vulnerable to acid attack and some strong substances such as household cleaners, disinfectants, denture cleaners, hair dyes, wine making, and photographic chemicals can cause the surface to go black or peel.

Note: Never use abrasive detergents or disinfectants or those containing alcohol, hydrochloric acid or phosphoric acid.

