

This product should only be fitted by a qualified plumber to NVQ (National Vocational Qualification) or SNVQ (Scottish National Vocational Qualification) Level 3. Should the installation be completed by a non-qualified person then the guarantee may be considered invalid.

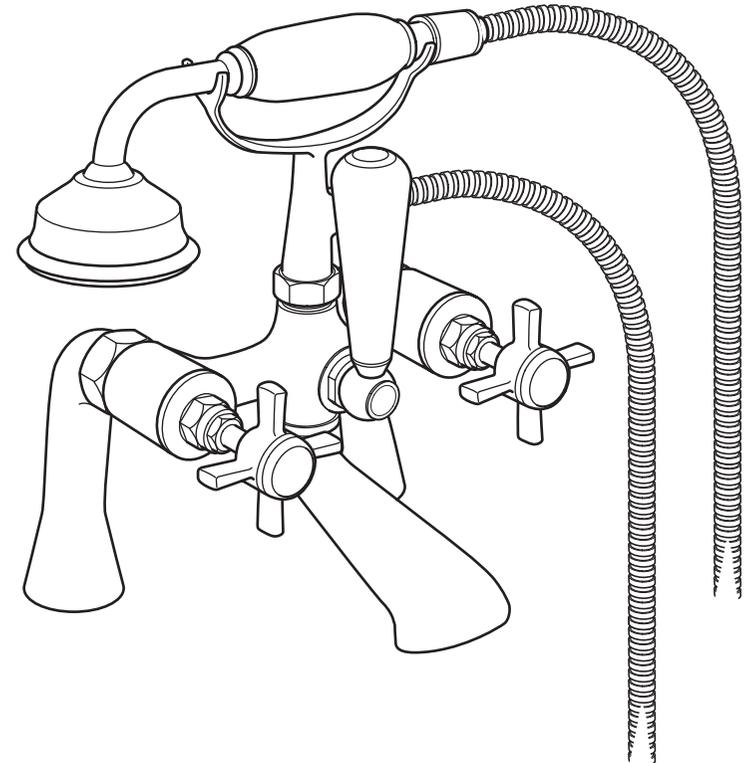
For a claim made under our warranty written certification of your installers credentials can be required. For further information or to find a qualified installer in your area please visit the Institute of Plumbers website - www.iphe.org.uk

THE QUALIFICATIONS

At present, to be a plumber you need to follow the National Vocational Qualification (NVQ) route (Scottish National Vocational Qualification - SNVQ - in Scotland). These qualifications are made up of theory and practical work in the classroom/purpose built training facility and work based experience with a working plumber. Colleges should help students find a work placement, although many students organise it themselves.

The S/NVQ qualification works in levels. All recently qualified plumbers should hold S/NVQ Level 2 as basic with Level 3 as the preferred level. Level 2 will give you the foundation you need for a career in plumbing and teach you domestic plumbing to a satisfactory level. Level 3 is more comprehensive and deals with domestic, commercial and industrial plumbing along with aspects such as gas - if you want to one day set up your own business, this is the level to reach. The Institute of Plumbing and Heating Engineering, and the industry as a whole recommends that all plumbers reach a minimum of Level 3.

Reaching Level 3 has other advantages. The Institute runs a Master Plumber Certificate, which only those attaining Level 3 or equivalent can reach as long as they have the relevant experience as well. Those with S/NVQ Level 3 can (once in membership with the Institute for five years as a Member MIPHE) gain Engineering Technician EngTech status with the Engineering Council (UK).



INSTALLATION INSTRUCTIONS

For any further information please contact
 Bathstore on: **0845 873 8843**

Or visit our web-site at www.bathstore.com

The manufacturer reserves the right to make technical
 modifications without prior notice.

INTRODUCTION

Please read these instructions carefully and keep in a safe place for future reference.

General Installation Requirements

The installation must comply with regulations of the Local Water Authority as contained in their bylaws. All of the taps in this range are single flow (the hot and cold water mix in the body) and should therefore be supplied with hot and cold water at balanced pressures, both from the tank or both from the mains (via a combination boiler for example). If the taps are not supplied at balanced pressures then the mixer will not function correctly. It will also be necessary to fit non-return valves on both hot and cold feeds. It is very important that all pipe work is flushed thoroughly after installation to avoid damaging the ceramic discs.

Minimum/Maximum working pressure

These taps are suitable for high and low pressure installations.

To ensure that the bath shower mixer works adequately under low pressure, the cold water storage tank should be at least 2 metres above the highest installed position. The maximum water pressure is 6 bar (note: mains cold water is normally supplied at between 2 and 3 bar). For installations where the mains pressure exceeds 6 bar a pressure reducing valve should be fitted.

Approvals

All products are manufactured using materials tested and approved under the Water Bylaws Scheme and comply with requirements of British Standard 5412: 1996 where applicable.

Preparation and bylaw requirements

These taps are single flow so the hot and cold water mix in the body. Water bylaws require that where the hot water is supplied from a tank and cold from the mains, non return valves are fitted on both hot and cold pipes as close as possible to the tap. These are not supplied. Where combination boilers are fitted it is only necessary to shut off the incoming mains and turn the boiler off and non return valves are not required.

WARNING

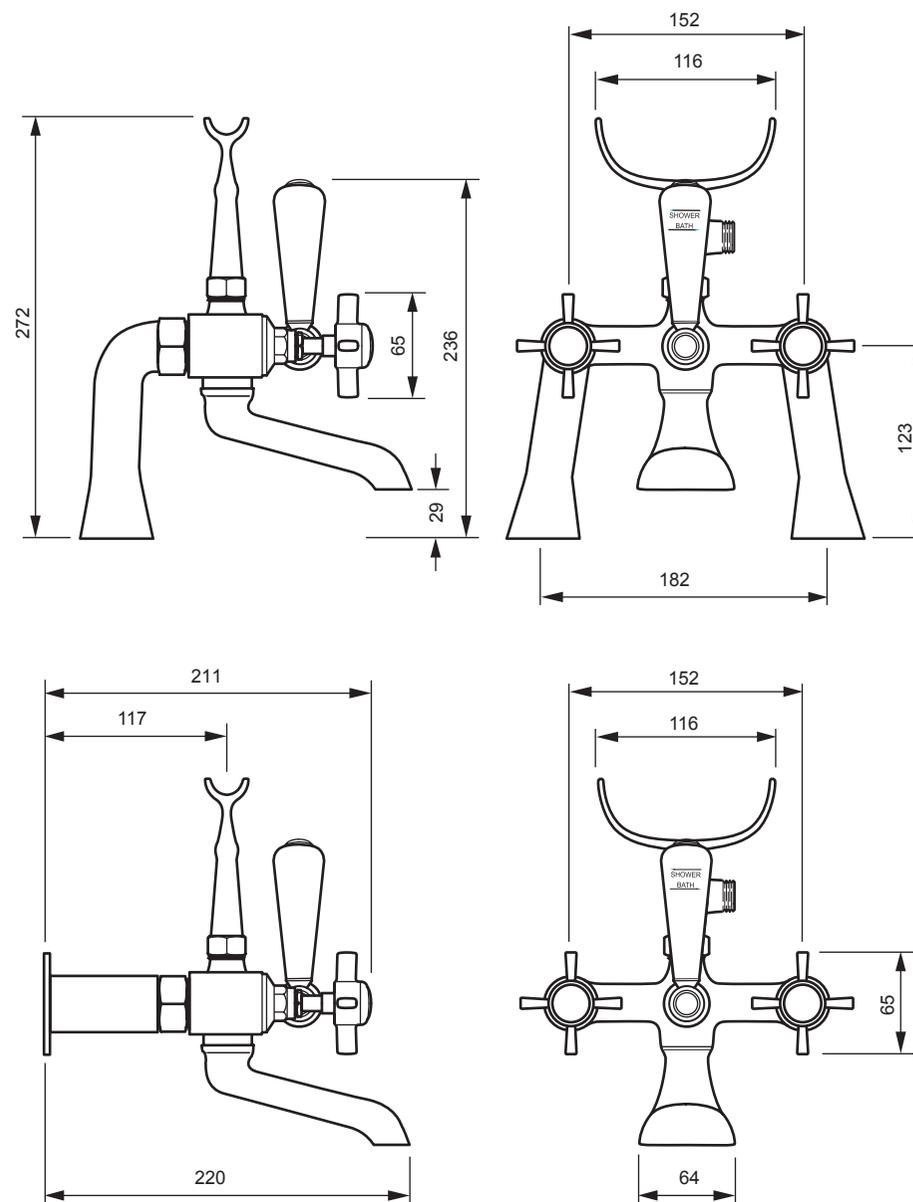
Before installing the new mixer it is essential that you thoroughly flush through the supply pipes in order to remove any remaining swarf, solder or other impurities.

Failure to carry out this simple procedure could cause problems or damage to the workings of the mixer.

These hints have been prepared for your guidance, you must exercise due care at all times.

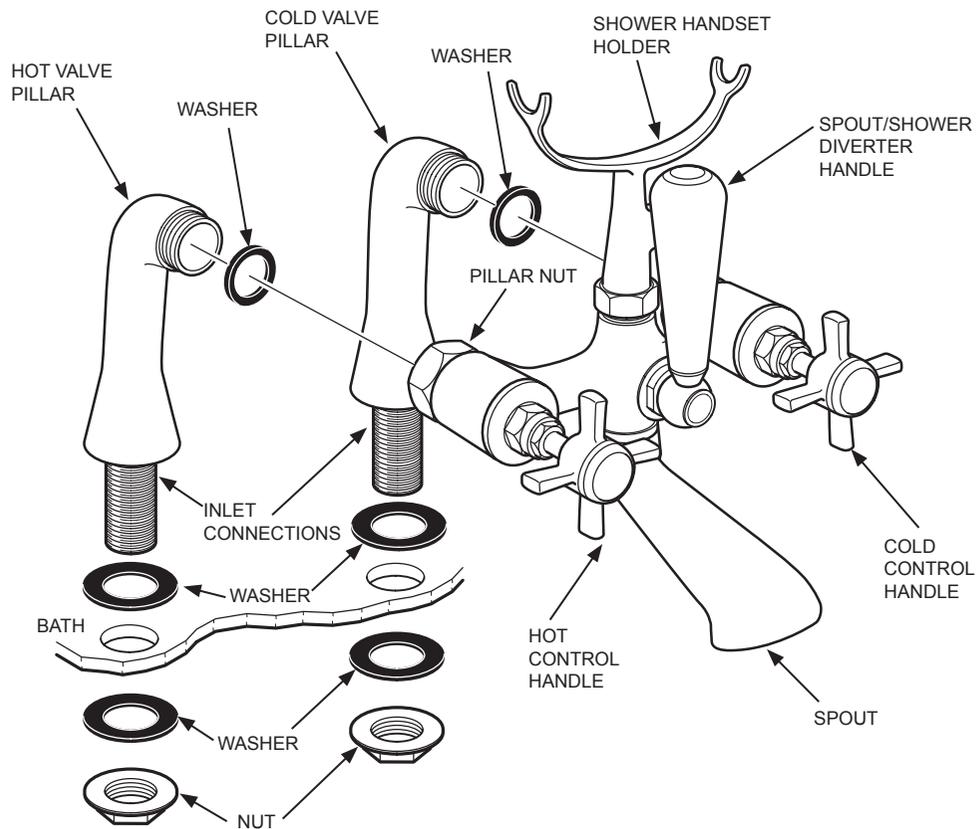
We do not accept responsibility for any problems that may occur through incorrect installation.

DIMENSIONS

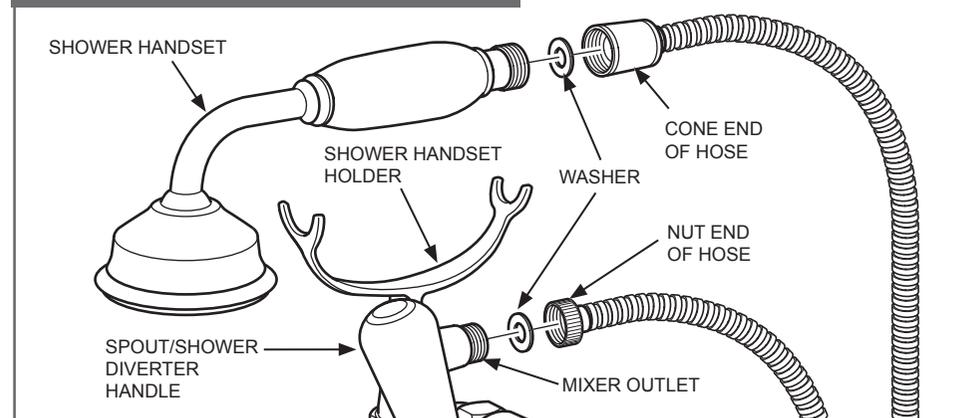


NOTE: ALL DIMENSIONS IN MILLIMETRES

BATH MIXER INSTALLATION



SHOWER HANDSET CONNECTIONS



INSTALLATION

First shut off your water heating system then, with your mains stop cock closed, open the lowest hot and cold taps in the house and allow to run until the cold storage tank and pipes are empty (the hot water storage cylinder always remains full). Where combination boilers are fitted it is only necessary to turn off the boiler and shut off the incoming mains.

Fitting isolating valves to the inlet feeds is recommended for ease of maintenance.

INSTALLATION

! Remember to turn off the mains water supply before connecting to any existing pipe work.

Loosely fit each pillar to the mixer using the rubber washers and tighten by hand.

NOTE - The pillars are handed and should point in at the top (see dimensions page).

Remove the fixing nuts and rubber washers from the tap tails (inlet connections).

Insert the tails into the holes on the bath top.

From beneath slide on the rubber washer followed by the nut and tighten by hand.

Check that the tap is correctly positioned to the rear and tighten all four fixing nuts. The tap needs to be fixed firmly, but do not over tighten as damage may be caused to the bath.

Connect the water supply to the tap with hot water on the left and cold on the right. (when viewed from the front).

ATTENTION

Having first checked all new connections, turn on the mains stop cock, close all taps except the new mixer and as the system starts to refill check for leaks.

Once you have satisfied yourself that there are no leaks, switch on the water heating.

SHOWER HANDSET CONNECTIONS

Insert a washer into the cone end of the hose and screw to the handset.

Insert the second washer into the nut end of the hose and attach it to the mixer outlet.

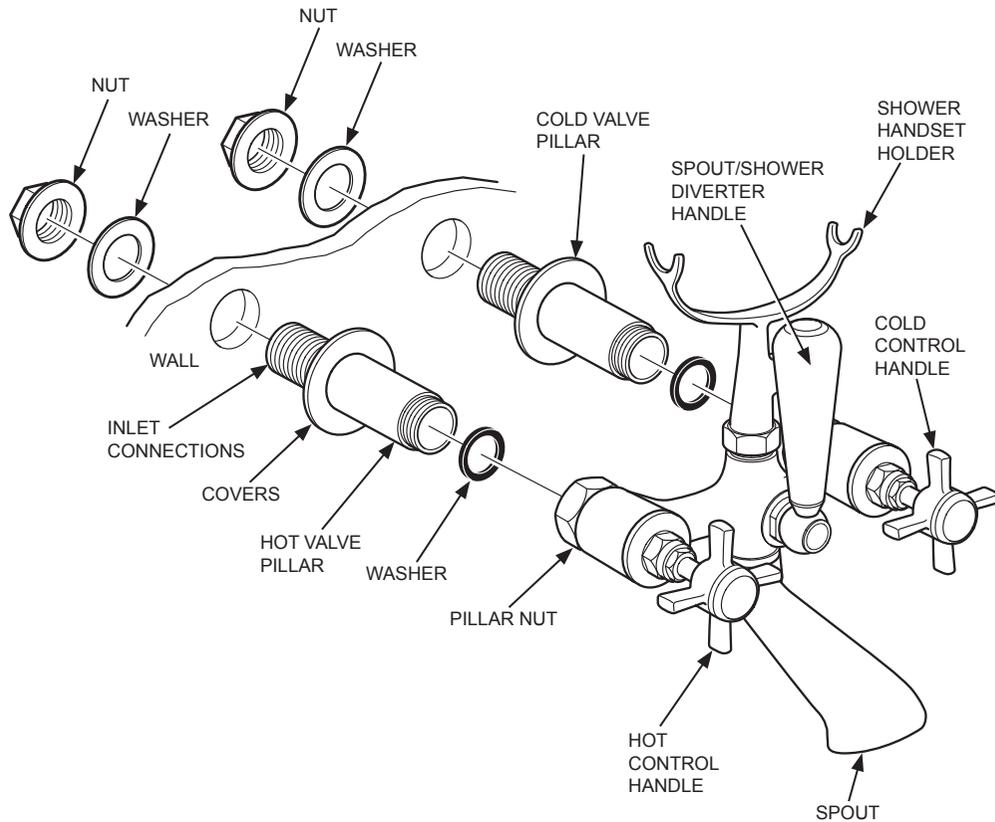
Operation.

Turn the diverter handle to the left for shower and to the right for spout.

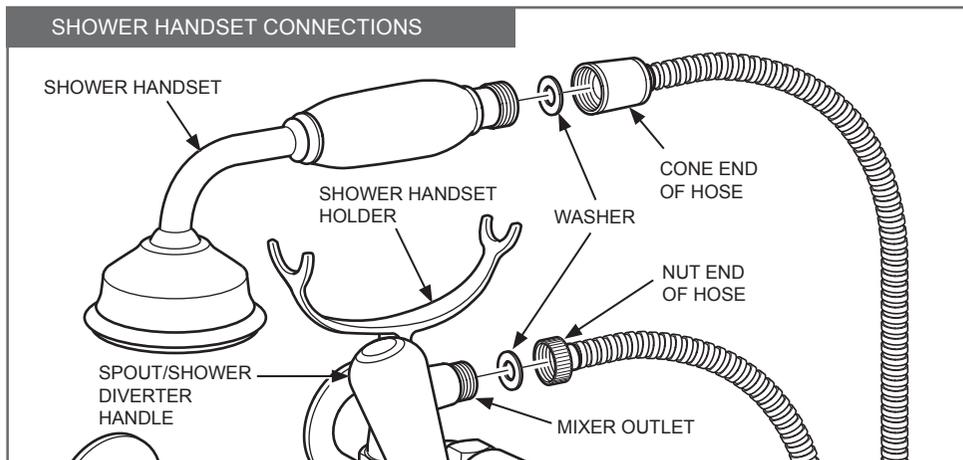
CLEANING

The chrome and gold plate we use on 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.

WALL MIXER INSTALLATION



SHOWER HANDSET CONNECTIONS



INSTALLATION

First shut off your water heating system then, with your mains stop cock closed, open the lowest hot and cold taps in the house and allow to run until the cold storage tank and pipes are empty (the hot water storage cylinder always remains full). Where combination boilers are fitted it is only necessary to turn off the boiler and shut off the incoming mains.

Fitting isolating valves to the inlet feeds is recommended for ease of maintenance.

INSTALLATION

! Remember to turn off the mains water supply before connecting to any existing pipe work.

! Warning! Please check for any hidden pipes and cables before drilling holes in the wall.

Drill at the required location 2 x 28mm dia holes at 150mm centres.

Fit each pillar to the mixer using the rubber washers and tighten, adjust the covers by screwing them up towards the mixer body until they meet.

Remove the fixing nuts and washers from the tap tails (inlet connections).

Insert the tails into the holes in the wall.

Slide on the washers followed by the nuts and tighten.

Check that the mixer is correctly positioned and tighten the fixing nuts. The mixer needs to be fixed firmly but do not over tighten as damage may be caused to the wall/tiles etc.

Connect the water supply to the mixer with hot water on the left and cold on the right. (when viewed from the front).

ATTENTION

Having first checked all new connections, turn on the mains stop cock, close all taps except the new mixer and as the system starts to refill check for leaks.

Once you have satisfied yourself that there are no leaks, switch on the water heating.

SHOWER HANDSET CONNECTIONS

Insert a washer into the cone end of the hose and screw to the handset.

Insert the second washer into the nut end of the hose and attach it to the mixer outlet.

Operation.

Turn the diverter handle to the left for shower and to the right for spout.

CLEANING

The chrome and gold plate we use on 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.

INSTALLATION INSTRUCTIONS

Floor Mounted Stand Pipes for bath fillers and bath shower mixers

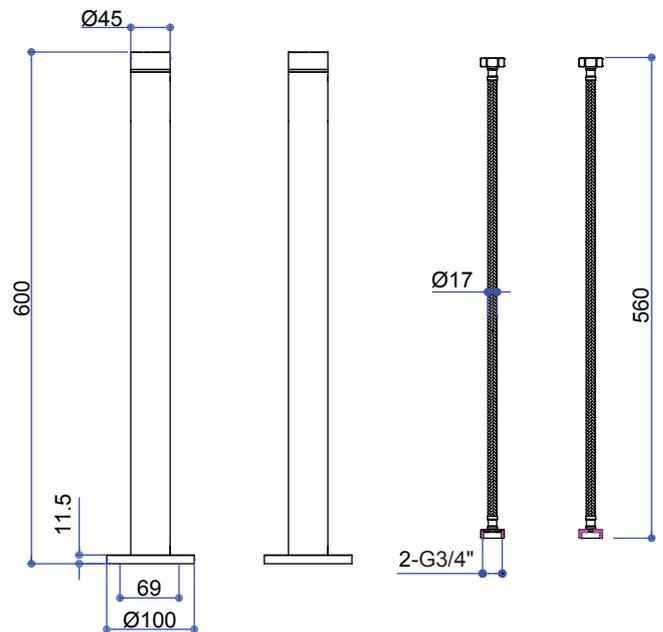
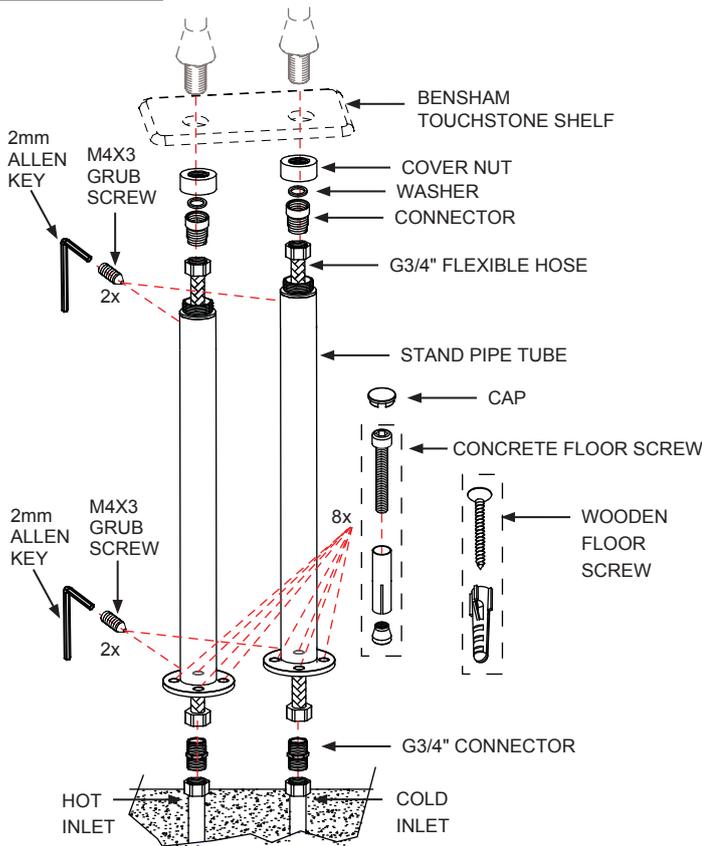
Important

We recommend that this product is installed by a qualified professional contractor, such as a plumber who is certified to NVQ (National Vocational Qualification) or SNVQ (Scottish National Vocational Qualification) Level 3.

- Please check this product immediately on receipt to ensure that it has not been damaged and is complete. Before installation, please make sure this product is the correct model and you have all the parts required for installation and use.
- Please read these instructions carefully and keep for future reference.

Installation

Dimensions



1. Before installation, flush the water system to ensure that there are no metal swarf, solder, and other impurities which can enter the product.
2. Turn off the water supply before commencing work. This should be done at the isolating valves on the inlet feeds (if fitted), or at the main stopcock.
3. Install two water inlet pipes at floor level at 180mm centers. From the front view, hot water should be on the left, and cold water on the right. It is important that there is sufficient flex and vertical movement in the water inlet pipes to allow the flexible hoses to be connected and the stand pipes to be screwed to the floor.
4. Tighten and fix the two G3/4" connectors on the water inlet pipes.
5. Unscrew the cover nuts from the stand pipe tubes.
7. Slide the Touchstone shelf plate onto the bath tap tails, then screw the cover nuts onto the bath tap tails. Ensure that the wide section of the shelf plate is to the rear of the bath tap, not underneath the bath spout.
8. Screw the supplied connectors to the bath tap tails. Then screw the G3/4" hoses to the connectors.
9. Unscrew the floor cover plates from the stand pipe tubes, then slide the hoses through the stand pipe tubes and tighten the cover nuts. Refit the floor cover plates to the stand pipe tubes.
10. Center the stand pipe tubes over the inlet pipes. Mark the positions for the floor fixing holes using the floor cover plates as the template. Drill the holes and insert the floor plugs (if necessary).
12. Fix the stand pipes to the floor using appropriate screws / bolts for the floor surface. To make things easier, two types of screws are supplied with the product (concrete floor screws and wooden floor screws with rawl plugs). The installer should determine and use the correct screws/ bolts for the particular floor surface onto which the product in being installed.
13. Finally put on the finishing caps over the screw heads.

Maintenance

We do NOT recommend the use of any household cleaners on this product. Household cleaners often contain chemicals or abrasive materials which may damage (corrode or scratch) the product.

The product should only be cleaned with soapy water and rinsed with clean water and dried with a soft cloth.