

CLEANING

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THE QUALIFICATIONS

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

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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.

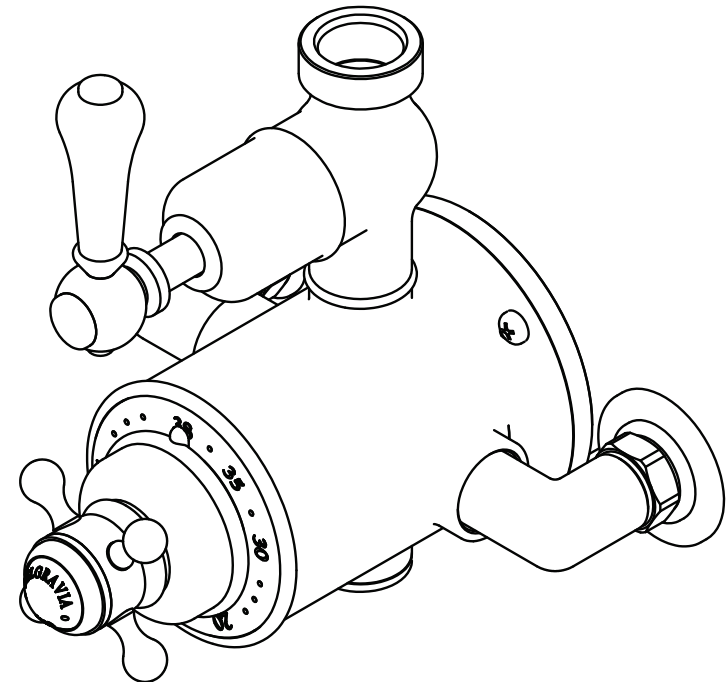
Reaching Level 3 has other advantages. The Institute runs a Master Plumber Certificate, which only those attaining Level 3 or equivalent can reach as long as they have the relevant experience as well. Those with S/NVQ Level 3 can (once in membership with the Institute for five years as a Member MIPHE)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

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INSTALLATION INSTRUCTIONS

Exposed Valve

INTRODUCTION

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

General Installation Guide

This guide contains all the necessary fitting information for the mixer. Please read all the instructions carefully before beginning the installation. Care taken during the installation will ensure long life and trouble free operations from the mixer. It is very important that all pipe work is flushed thoroughly after installation to avoid damaging the ceramic discs.

PARTS LIST

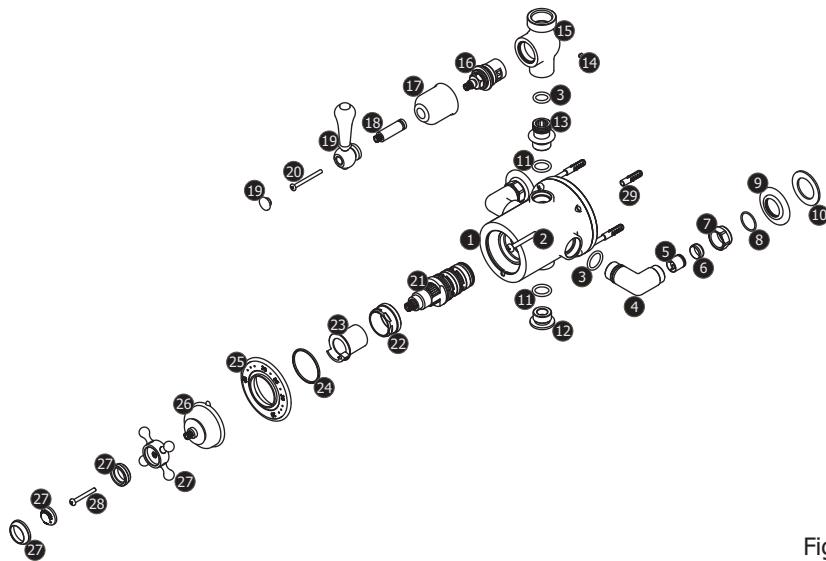


Fig. 1

The set comprises of the following. Check that all parts are present.

1 - Mixer	9 - Concealing Plate (x2)	17 - Valve Cover	25 - Ceramic Ring
2 - Screw (x4)	10 - Sealing Washer (x2)	18 - Spindle Extension	26 - Valve Cover
3 - O-Ring (x3)	11 - O-Ring (x2)	19 - Handwheel	27 - Handwheel
4 - Elbow (x2)	12 - Stopper	20 - Screw	28 - Screw
5 - Check Valve (x2)	13 - Outlet Connector	21 - Cartridge	29 - Sleeve (x4)
6 - Olive (x2)	14 - Grub Screw	22 - Locking Nut	
7 - Compression Nut (x2)	15 - Tee	23 - Stop Ring	
8 - O-Ring (x2)	16 - Valve	24 - O-Ring	

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

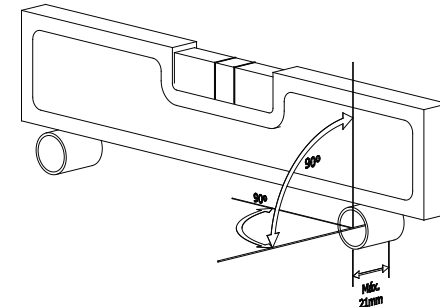


Fig. 2

INSTALLATION

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

- Identify all components before fitting;
- Make sure the tubes are perpendicular to the wall, have a maximum length of 21mm, leveled and 150mm apart as shown in fig. 2;
- Use the washers, screws and sleeves provided to install the mixer into the wall as seen in Fig. 3;
- Connect both hot and cold water supplies;
- To check for joint and connection leaks, turn on the water supplies and open both taps letting the water flow for a few minutes;
- Remedy if required.

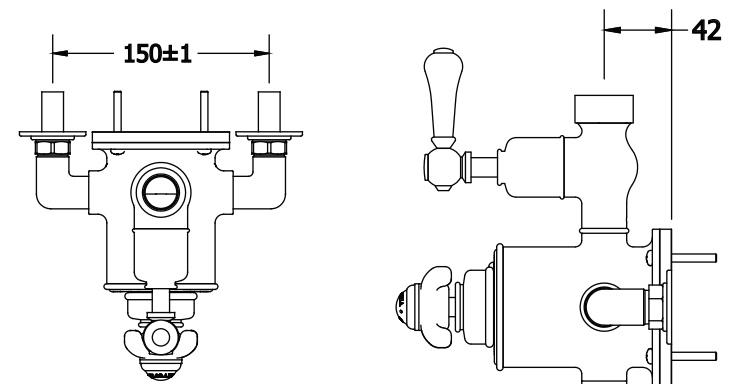


Fig. 3

CLEANING

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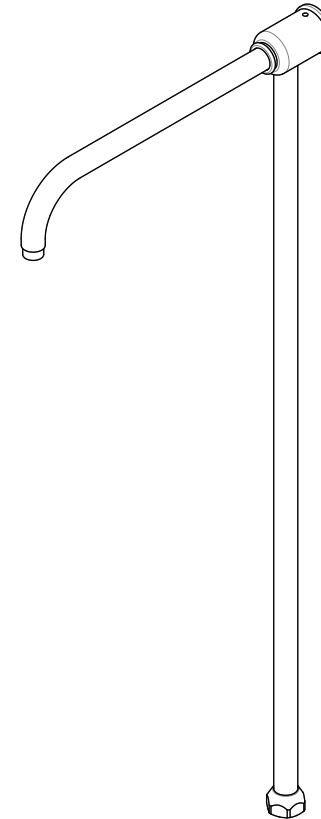
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INSTALLATION INSTRUCTIONS

**Riser Only for Shower
Height 900 mm**

INTRODUCTION

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

General Installation Guide

This guide contains all the necessary fitting information for the stop cock. Please read all the instructions carefully before beginning the installation. Care taken during the installation will ensure long life and trouble free operations from the stop cock.

PARTS LIST

The set comprises of the following. Check that all parts are present.

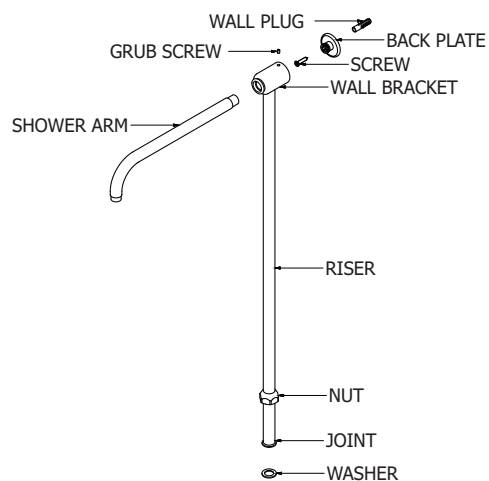


Fig. 1

INSTALLATION

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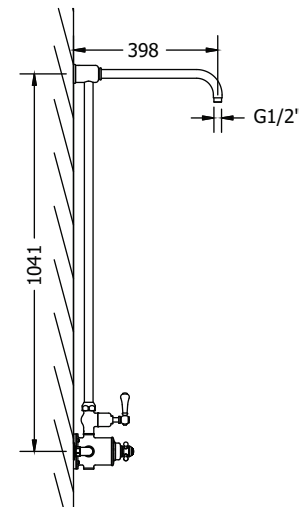


Fig. 2

INSTALLATION

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

- Identify all components before fitting;
- Check dimensions in Fig. 2;
- Use all components provided to install the riser into the wall and the mixer as seen in Fig. 3 and Fig. 4; Use thread seal tape on the shower arm thread;
- Turn on both hot and cold water supplies;
- To check for joint and connection leaks, turn on the water supplies and open both taps letting the water flow for a few minutes;
- Remedy if required.

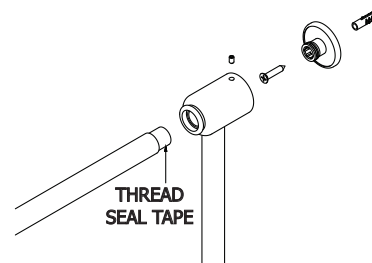


Fig. 3

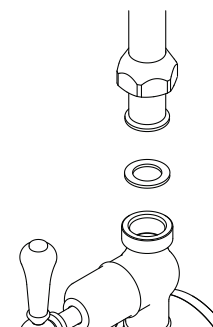


Fig. 4

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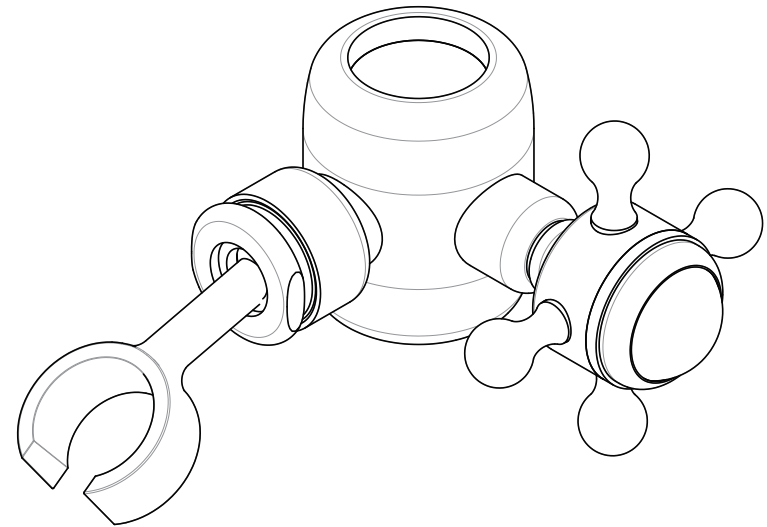
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INSTALLATION INSTRUCTIONS

Slide Rail Bracket

INTRODUCTION

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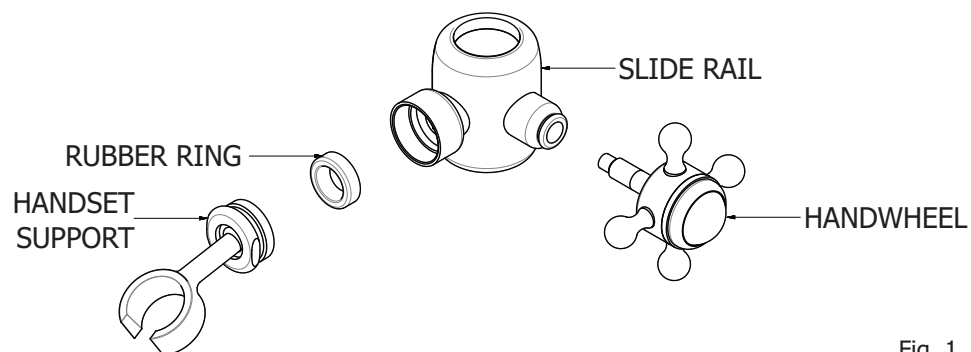


Fig. 1

INSTALLATION

- Identify all components before fitting;
- Remove the joint from the rail with a key;
- Remove the nut;
- Place the slide rail into the riser;
- Put the rubber ring in the slide rail and tighten the handset support into it;
- Insert handwheel in the rail and tighten it until it is properly secured.

- To adjust the slide rail, release it with the handwheel, and tighten it again when you select the correct position;
- Check if O-ring in the joint is not damaged. Replace if necessary;
- Insert nut and tighten the joint back into the riser.
- To check for joint and leaks, turn on the water supplies and open both taps letting the water flow for a few minutes;
- Remedy if necessary.

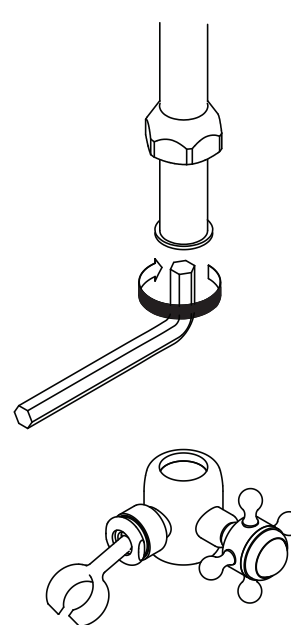


Fig. 2

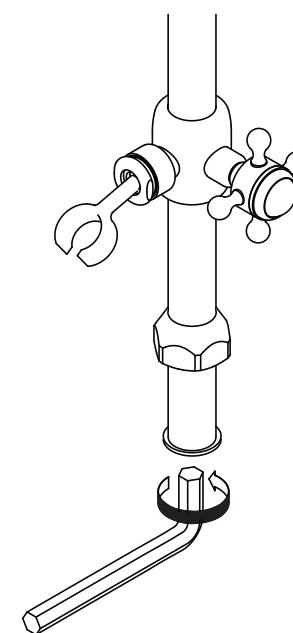


Fig. 3

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