



Installation guide

# Shower heads Varispray and TurboStream Fixed and adjustable height heads



## AQUALISA

Aqualisa Products Limited  
The Flyer's Way  
Westerham Kent TN16 1DE

Customer helpline: 01959 560010  
Brochure Hotline: 0800 652 3669  
Website: [www.aqualisa.co.uk](http://www.aqualisa.co.uk)  
Email: [enquiries@aqualisa.co.uk](mailto:enquiries@aqualisa.co.uk)

Republic of Ireland  
Sales enquiries: 01-864-3363  
Service enquiries: 01-844-3212



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Please note that calls may be recorded for training and quality purposes

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## Important information

### Introduction

The Aqualisa range of shower heads has been designed for use with the Aqualisa Thermo and Digital shower valves.

The installation of this shower head with anything other than an Aqualisa shower valve may result in poor shower performance.

If you have any questions at any stage during installation please contact the Aqualisa customer helpline on 01959 560010.

### Safety information

This product must be installed by a competent person in accordance with all relevant current Water Supply Regulations.

### Flushing

Some modern fluxes can be extremely corrosive and if left in contact, will attack the working parts of this unit. All soldering must be completed and the pipe work thoroughly flushed out in accordance with current Water Supply Regulations prior to connection of the product.

### Connections

The Aqualisa shower head range is suitable for use with 15mm British Standard copper tube. Tube should be cut using a rotary type cutter and lubricated using a silicone-based lubricant or petroleum jelly (Vaseline or similar) prior to insertion of the fitting. Supply lines must be flushed clear of any debris before installation.

### Stored water capacities

The minimum capacity of the cold storage cistern should not be less than 225 litres (50 gallons). The capacity of the hot cylinder must be capable of meeting the anticipated demand.

### Siting

For optimum performance, with gravity fed systems, the distance between the bottom of the storage cistern and the shower head should not be less than 1m (when using an adjustable height shower kit). If using a fixed head, the highest point of the pipe work must be below the underside of the cistern.



### Customer helpline

**01959 560010**

Got a query? Need a stockist? Our helpline is open from 8.00am to 5.30pm Mondays to Thursdays and 8.00am to 5.00pm on Fridays to answer any questions, guide you through any aspect of your shower installation or advise you of your local stockist.

### Product literature

**0800 652 3669**

Call our literature hotline to receive the latest Aqualisa product brochure containing details of our full range of domestic products. Commercial product brochures are also available on request.

### Website

**[www.aqualisa.co.uk](http://www.aqualisa.co.uk)**

Visit our website for comprehensive product information, details of your nearest stockist and installers, technical advice and more.

### Republic of Ireland

Our products are also available in the Republic of Ireland. If you need any technical advice, details of local stockists or have any other queries, please phone:

Sales enquiries: 01-864-3363  
Service enquiries: 01-844-3212

### After installation

Run through the Aqualisa shower head operation with the purchaser and hand them this guide. Complete and post the Aqualisa shower head guarantee card or register online at [www.aqualisa.co.uk](http://www.aqualisa.co.uk).

### Adjustable head user guide

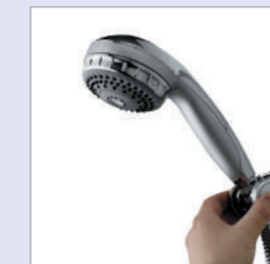
1. To select the desired spray pattern rotate the shower spray cassette clockwise or anti-clockwise.



2. To select the preferred height for the shower head, depress the handset holder levers fully to enable the slider to be moved up or down the rail.

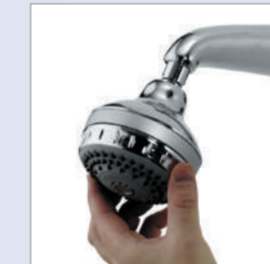


3. Angular adjustment is made by carefully but firmly pulling forwards or pushing back the shower head against the knuckle ratchet in the holder.

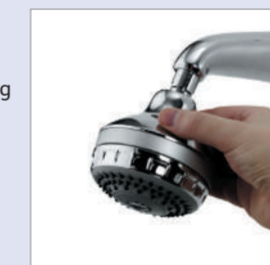


### Fixed head concealed and exposed user guide

1. To select the desired spray pattern rotate the shower spray cassette clockwise.



2. The angle of the fixed shower heads can be adjusted. The shower head is mounted on a multi directional ball joint to allow for angular adjustment in any direction by carefully holding the shower spray cassette and moving the head to the desired angle.



### Cleaning

Your Aqualisa shower head system should be cleaned using only a soft cloth and washing up liquid.

#### DO NOT USE ABRASIVE CLEANERS

To reduce the requirement for chemical descaling in hard water areas, the shower heads incorporate rub clean teats. Any scale build up that may occur in any of the holes can be broken down by gently rubbing the flexible tips of the jets during use.

Should chemical descaling of the head become necessary, unscrew and remove the shower head cassette and fully immerse in a mild proprietary descaler.

**It is imperative that descaling is carried out strictly in accordance with the manufacturers instructions. Substances that are not suitable for plastics and electroplated surfaces must not be used.**

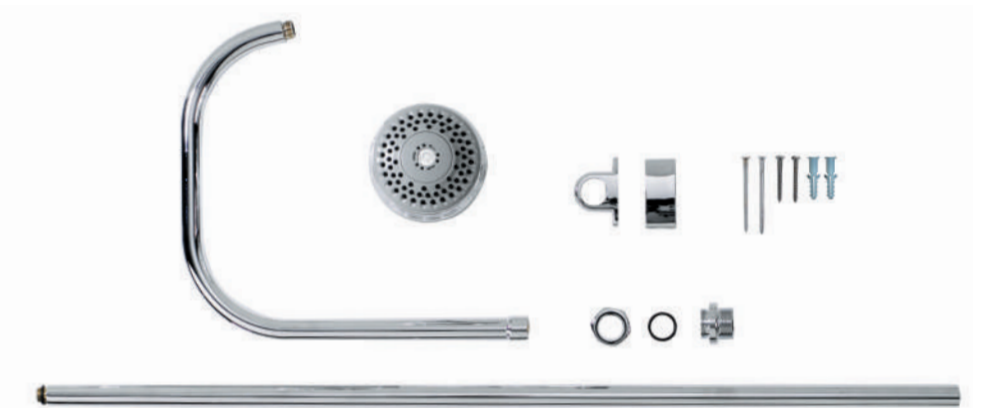
## Components



Adjustable height shower head

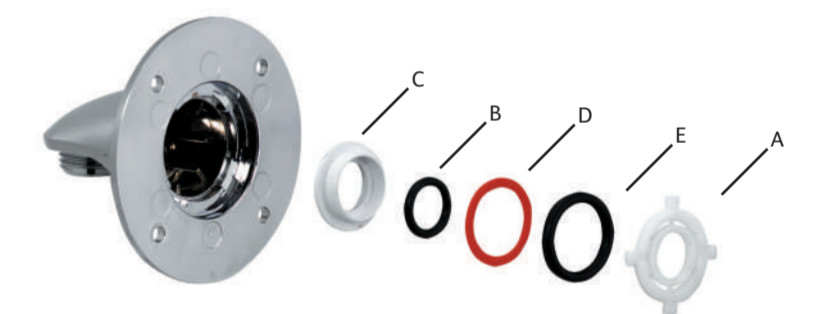


Fixed concealed shower head

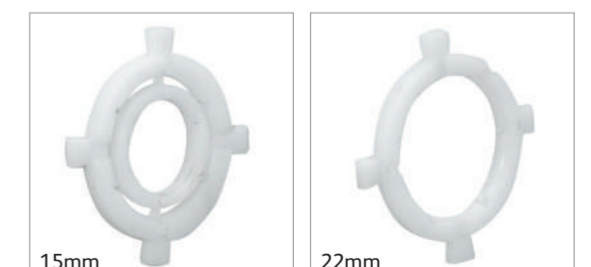


Fixed exposed shower head

## 15mm-22mm wall outlet conversion guide



- Remove the support ring (A) by turning it anti-clockwise to unlock the bayonet fitting.
- Remove the central 'O' ring (B) before removing the 'O' ring housing (C), the support washer (D) and the outer 'O' ring (E).
- Re-fit the support washer (D) and the outer 'O' ring (E) so that they sit against the ledge inside the outlet body.
- Push out the centre section of the support ring (A) to enable it to take 22mm pipe.
- Re-fit the support ring (A), rotating it clockwise until it locks in position.



# Shower heads

## Varispray and Turbostream

## Fixed and adjustable height heads

### Adjustable height head installation

**!** In addition to the guide below it is essential that the written instructions overleaf are read and understood and that you have all the necessary components (shown overleaf) before commencing installation. Failure to install the product in accordance with these instructions may adversely affect the warranty terms and conditions. Do not undertake any part of this installation unless you are competent to do so. Prior to starting ensure that you are familiar with the necessary plumbing regulations required to install the product correctly and safely.

The adjustable height heads are supplied with universal fixings.

The adjustable height heads are suitable to be fitted with either concealed or exposed shower valves. A wall outlet assembly is supplied for installation with a concealed valve. If fitting with an exposed valve please proceed to instruction 7.

**1** Prepare pipe work from the shower valve to the required position for the hose outlet using a  $\varnothing$ 15mm copper pipe. Slide the 15mm gripper ring down the projecting pipe up to the wall face.



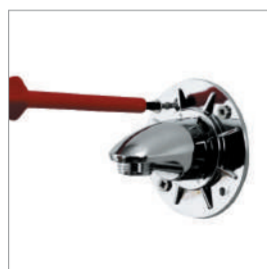
**!** NB. The wall outlet is supplied for use with 15mm pipe work. However, if required, the outlet assembly can be adapted to accept 22mm pipe work. Please follow the conversion guide overleaf.

**2** Trim the projecting pipe to a length of 15-22mm using a rotary type cutter. If a hacksaw is used, the pipe end must be carefully de-burred and chamfered.

**3** Clean and lubricate the pipe using a suitable (silicone based) lubricant.

**4** Remove the wall outlet cover plate and carefully slide the wall outlet onto the projecting pipe. Turn to the required position and mark the screw holes on the wall face.

**5** Remove the wall outlet and drill and prepare suitable wall fixings. Ensure the projecting pipe is clean and lubricate again if necessary. Refit the wall outlet and secure it to the wall using the screws provided.



**6** Refit the wall outlet coverplate.



**7** Drill and plug two holes 642mm-655mm vertically apart using a spirit level to facilitate if necessary. Fit the rail end clip into position and loosely fit the lower bracket into position.



**8** Pass the rail through the handset holder whilst keeping the slider levers depressed with the handset holder pointing in a downward direction.



**9** If the soapdish is required slide onto the rail under the handset holder.

**10** Current water supply regulations state the handset should not be allowed to pass a point 25mm above the spill over level of the bath or shower tray. If this cannot be achieved, the hose restraint must be fitted. This is fitted to the rail under the soapdish.

**11** Fit the rail into the rail end bodies taking care to engage the location slot onto the lugs.

**12** Fit the rail end clip fitting into position into the top rail end body and secure the rail assembly to wall using the screws provided ensuring the rail and rail end bodies remain firmly engaged.



**13** Place the rail end covers into position and push firmly into place.



**14** Ensuring the hose washers are in position, connect the conical end of the hose to the handset after passing it through the hose restraint (if required). Attach the other end of the hose to the valve or wall outlet.



### Fixed head concealed

**!** In addition to the guide below it is essential that the written instructions overleaf are read and understood and that you have all the necessary components (shown overleaf) before commencing installation. Failure to install the product in accordance with these instructions may adversely affect the warranty terms and conditions. Do not undertake any part of this installation unless you are competent to do so. Prior to starting ensure that you are familiar with the necessary plumbing regulations required to install the product correctly and safely.

The concealed fixed head is supplied with universal fixings.

**1** Cut the outlet pipe to the finished length (55mm – 150mm measured from the finished wall surface) using a rotary type cutter.

**2** Ensure the pipe is clean and free of dust and slide the fixing bush onto the pipe flush with the finished wall surface.



**3** Slide the fixed head arm over the fixing bush flush with the finished wall surface and mark the four fixing points.

**4** Carefully remove the fixed head arm and drill and prepare the fixings using the fixings provided, if suitable.

**5** Ensuring the fixing bush is clean and free of dust, fit the 15mm O ring against the end of the fixing bush. Lubricate the O ring using a suitable silicone based lubricant.



**6** Refit the shower arm and secure it to the wall using the screws provided.



**7** Remove the shower head from the arm and run the shower for a few seconds to clear any debris that may be present.

**8** Check for leaks and if all is sound refit the shower head to the fixed arm and push the cover plate into position flush with the finished wall surface.



### Fixed head exposed

**!** In addition to the guide below it is essential that the written instructions overleaf are read and understood and that you have all the necessary components (shown overleaf) before commencing installation. Failure to install the product in accordance with these instructions may adversely affect the warranty terms and conditions. Do not undertake any part of this installation unless you are competent to do so. Prior to starting ensure that you are familiar with the necessary plumbing regulations required to install the product correctly and safely.

This system is usually fitted with an exposed Aquavalve 700 Thermo shower valve and is supplied complete with the necessary fittings for installation with this valve. However this fixed head kit can also be fitted with an Aquarian Thermo shower valve, but an Aquarian manifold kit will need to be purchased separately which will include the necessary fittings for use with the Aquarian Thermo. Please refer to the Aquarian manifold installation instructions for full fitting instructions.

The exposed fixed head system utilises a 19mm diameter tube and is supplied complete with an adaptor for use with an exposed Aquavalve 700 Thermo. As assembled, the mixing valve has a  $\frac{1}{2}$ " BSP outlet situated on the underside. In order to accommodate the exposed fixed head kit it will be necessary to carry out the following procedures taking care to avoid any damage to the plated surfaces.

**1** Unscrew the Aquavalve 700 Thermo  $\frac{1}{2}$ " BSP outlet connector from the bottom of the valve body using either a 12mm hexagonal key or a standard radiator key.



**2** Using a large flat bladed screwdriver remove the body plug from the top of the valve taking care not to damage the plated surfaces and refit in the underside of the valve.



**3** With the sealing 'O' ring in position, locate the  $\frac{3}{4}$ " adaptor into the top outlet and carefully secure using either a 12mm hexagonal key or standard radiator key.

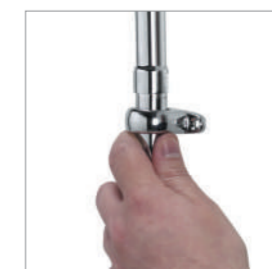


The riser tube and shower head assembly may now be fitted as follows:

**1** Screw the formed shower arm to the riser tube. The riser tube can be shortened if required by trimming the plain end using a rotary type cutter.



**2** Carefully slide the fixing bracket up the riser tube until the joint is hidden.



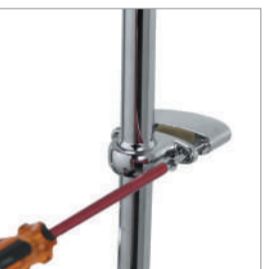
**3** Locate the riser tube into the  $\frac{3}{4}$ " outlet and place in the required position against the wall face.

**4** Mark the required fixings holes and remove the riser tube assembly from the valve. Prepare and fit the fixings ensuring no debris enters the shower valve.

**5** Carefully slide the plated  $\frac{3}{4}$ " nut and 'O' ring onto the riser tube and locate the assembly into the  $\frac{3}{4}$ " valve outlet.



**6** Fix the wall stay and spacer to the wall using the screws provided.



**7** Carefully tighten the  $\frac{3}{4}$ " nut using either 31mm A/F spanner or a tool with smooth jaws just sufficiently to compress the 'O' ring and achieve a watertight seal.

**8** Carefully screw the shower head to the shower head arm taking care not to damage the plated surfaces. Carefully tighten the shower head with a suitable spanner or a tool with smooth jaws just sufficiently to lock the head in position.



**9** Remove the spray cassette and run the shower for a few seconds to flush out any debris that may be present and check for leaks. Refit the spray cassette.