

AQUALISA

Axis[®]

Shower heads

Fixed and adjustable height heads



Shower systems



Axis Thermo with adjustable
height head

AX3111



Axis Thermo with wall,
ceiling and flush mounted
fixed head

AX3163

Components

Adjustable height head



Wall mounted head



Ceiling and flush mounted head



Literature not shown

Important information

Introduction

The Axis range of shower heads have been designed for use with Aqualisa shower valves and it is recommended that this product be installed with the Axis Thermo concealed valve.

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

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

Safety information

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

The Axis shower head is suitable for domestic use only.

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 Water Supply Regulations prior to connection of the product.

Connections

The Axis 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 to the fitting.

Supply lines must be flushed clear of any debris before installation of this unit.

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 water cylinder must be capable of meeting the anticipated demand.

Siting

For optimum performance, with gravity fed systems the highest point of the pipe work to the shower head must be below the underside of the cistern.

Step-by-step instructions

Adjustable height head

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In addition to the guide below it is essential that the written instructions opposite are read and understood and that you have all the necessary components (shown below) 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 head is supplied with masonry fixings intended for use with a wall of solid construction only. If the unit is to be installed on a wall of different construction then please use alternative fixings as required.

1

Prepare pipe work from the shower valve/processor to the required position for the hose outlet using $\varnothing 15\text{mm}$ copper pipe. Slide the 15mm gripper ring down the projecting pipe up to the wall face.



2

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

3

Remove the cover plate from the main assembly by removing the screw at the base of the plate.



4

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

5

Carefully slide the wall fixing plate onto the projecting pipe, turn to the required position and mark the screw holes on the wall face. Remove the wall fixing plate and drill and prepare suitable wall fixings.

6

Carefully refit the fixing plate and secure it to the wall using the screws provided if suitable.



7

Refit the cover plate.

8

Mount the template to the wall in the required position ensuring vertical alignment using a spirit level to facilitate if necessary. Carefully mark the 2 fixing holes. Check the intended position for the rail assembly before removing the template, then drill and prepare suitable wall fixings for the two mounting screws.



!

The maximum distance from the top fixing to the ceiling is detailed on the template. If there is coving or an alternative obstruction then this distance must still be accounted for.

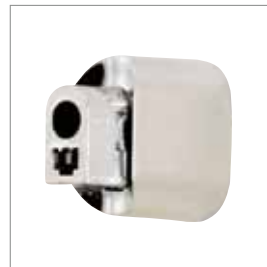
9

Fix the top wall bracket to the appropriate position using the screws provided if suitable ensuring that the arrow on the bracket is facing upwards.



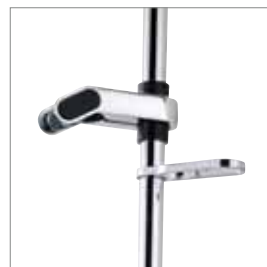
10

Fix the bottom wall bracket to the appropriate position using the screws provided if suitable ensuring that the arrow on the bracket is facing downwards.



11

Before mounting the rail to the wall ensure that both the hose restraint and the handset holder are fitted to the rail. Offer the assembly up to both the wall brackets before pushing it home.



12

Insert the fixing bolt into the rail end cap and secure it to top bracket using a 4mm Allen key. Repeat for the bottom bracket.



13

Attach the shower hose only to the outlet and flush through the system for 15 seconds to clear any debris before fitting the shower head. Thread the shower hose through the hose restraint before attaching the head and fitting it to the handset holder.



Please ensure that both hose washers are fitted at either end of the hose.

Wall mounted



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 below) 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 wall mounted fixed head is supplied with masonry fixings intended for use with a wall of solid construction only. If the unit is to be installed on a wall of different construction then please use alternative fixings as required.

The maximum panel thickness for installation of the fixed shower head is 35mm, this includes a maximum tile thickness of 15mm.

1

Run a 15mm outlet pipe from the shower valve/processor to the preferred position for the fixed head arm, the pipe must terminate with a suitable 1/2" BSP female fitting.

!

If the spigot cannot be secured to the wall then the pipe must be secured using a clip or another form of fixing.

2

Secure the spigot into the 1/2" female fitting allowing it to project to a length of 31-46mm measured from the finished surface using the washer and back nut as required. A 12mm Allen key can be inserted into the front of the spigot to facilitate tightening.



!

If the spigot is to be secured before tiling then the depth of the tiles must be taken into consideration.

3

Insert the red 3/8" BSP plug into the front of the spigot and tighten. Turn on the shower valve to pressurise the system and thoroughly check the outlet assembly for any leaks.



4

Turn off the valve and leave the plug in place to prevent ingress of debris during the making good process. No parts of the shower system should be cemented into the wall.

5

Slide the cover plate carefully down the fixed head arm to give clear access to the fixing plate.

6

Carefully remove the plug from the fixing spigot, remembering that the system contains water that may be under pressure.

7

Ensuring that the spigot 'O' ring is clean and slightly lubricated (using a silicone based lubricant or petroleum jelly), slide the fixed head arm over the mounting spigot until it meets the wall surface.



8

Set the arm into position and mark the fixing points. Remove the arm and drill and prepare suitable wall fixings. Refit the arm and secure it to the wall using the screws provided if suitable.



Ceiling mounted

!

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 below) 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 ceiling mounted fixed head is supplied with screws for fixing the product to a noggin.

A NOGGIN MUST BE USED AS PART OF THIS INSTALLATION

1

Run a 15mm outlet pipe from the valve/processor to the preferred position for the fixed head.

2

Locate the position for the fixed head in the bathroom and firstly drill a pilot hole to mark the position before checking that there is suitable space behind the ceiling for the fixing assembly.



!

The minimum height required behind the ceiling is 50mm and the space must allow for an 80mm wide, 50mm deep noggin to be used to support the assembly.

3

Drill a hole (minimum $\varnothing 28\text{mm}$, maximum $\varnothing 40\text{mm}$) through the ceiling and the noggin.

4

Remove the cover plate and fixing bracket carefully from the fixed head arm.

5

Set the fixing bracket into position and mark the fixing points. Remove the bracket and drill and prepare suitable fixings. Refit the fixing bracket and secure it through the ceiling and into the noggin using the screws provided if suitable.



6

Refit the cover plate onto the fixed head arm and feed it through the fixing bracket to the correct depth. Tighten the nut using a 32mm spanner if necessary to facilitate.



7

Cut off the excess pipe allowing for a suitable working length to allow for the required connection. If a push fit connector is to be used then the pipe must be abraded to remove all chrome plating.

8

Connect the pipe work from the valve to the pipe end for the fixed head using a suitable coupling. Fully tighten the nut on the ceiling mounting bracket using a 32mm spanner if necessary to facilitate.



Run the shower for a few seconds to clear any debris and to check for any leaks.

9

Carefully slide the cover plate back over the fixed head arm and into position against the ceiling.



10

Secure the shower head tightly to the fixed head arm using a 28mm spanner to facilitate tightening. Check the installation for leaks then fit the badge to the front of the spray plate.



Ceiling flush mounted



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 below) 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 ceiling flush mounted fixed head is supplied with screws for fixing the product to a noggin.

A NOGGIN MUST BE USED AS PART OF THIS INSTALLATION

Before starting installation of the flush mounted fixed head it is imperative that the installation notes below are read and understood and that checks are made to ensure that there is sufficient space behind the ceiling as required.

1

Run a 15mm outlet pipe from the shower valve/processor to the preferred position for the fixed head. Ensure that the outlet is clear from debris.

2

Carefully remove the black bezel from the shower head, by folding back the front edge before unclipping it from the assembly.



3

Locate the position for the fixed head in the bathroom and firstly drill a pilot hole to mark the position before checking that there is suitable space behind the ceiling for the assembly.



!

The fixed head is mounted to a noggin that must be supported across two beams.

4

Once the position for the fixed head has been finalised, use a set of compasses or the template provided to mark a $\varnothing 123\text{-}127\text{mm}$ hole. Using the same center point drill a hole (minimum 28mm, maximum 40mm) through the ceiling and the noggin. Cut out the $\varnothing 123\text{-}127\text{mm}$ hole.

5

Remove the cover plate and fixing bracket carefully from the fixed head arm.

6

Set the fixing bracket into position (above the noggin) and mark the fixing points. Remove the bracket and drill and prepare suitable fixings. Refit the fixing bracket and secure it to the noggin using the screws provided if suitable.



7

From above feed the fixed head arm through the fixing bracket allowing sufficient pipe to fix the shower head. Tighten the nut using a 32mm spanner if necessary to facilitate tightening.



8

Secure the shower head tightly to the fixed head arm using a 28mm spanner to tighten if required.



9

Loosen the ceiling fixing bracket and pull the pipe work through until the shower head fits flush against the ceiling. Re-tighten the fixing bracket nut using a 32mm spanner to facilitate.



10

Cut off the excess pipe allowing for a suitable working length to allow for the required connection. If a push fit connector is to be used then the pipe must be abraded to remove all chrome plating.

!

Soldered connections are not recommended as this could damage the shower head.

11

Connect the pipe work from the valve to the pipe work for the fixed head. Check that the shower head is still in the correct position before fully tightening the nut on the ceiling mounting bracket using a 32mm spanner.

12

Check the installation for leaks then fit the badge to the front of the spray plate.

User Guide

Run through the valve and shower head installation operation with the purchaser and hand them this guide. Complete and post the Axis guarantee card.



Fixed head

The angle of the fixed shower head can be adjusted (except for the flush mounted ceiling version).

The shower head is mounted on a multi directional ball joint to allow for angular adjustment in any direction by gently holding the bezel and moving the shower head to the desired angle.



Adjustable head

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

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



Cleaning

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

DO NOT USE ABRASIVE CLEANERS

To reduce the requirement for chemical de-scaling in hard water areas, the shower head incorporates rub clean teats. Should scale build up occur in any of the holes, this may be broken down by gently rubbing the flexible tips of the jets during use.

Should chemical de-scaling of the head become necessary, remove the shower head and fully immerse in a mild proprietary descalent.

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



AQUALISA

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

Sales enquiries: 01959 560010

Republic of Ireland 01-864-3363

Customer helpline: 01959 560010

Republic of Ireland 01-844-3212

Brochure Hotline: 0800 652 3669

Website: www.aqualisa.co.uk

Email: enquiries@aqualisa.co.uk



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