AQUALISA

VISAGE™ INSTALLATION GUIDE

Images for illustration purposes only, product may differ.

SCREWFIX

CONCEALED COMPONENTS

1. Gravity stored water systems only
2. Mains fed and separately pumped water systems only

EXPOSED COMPONENTS

1. Gravity stored water systems only
2. Mains fed and separately pumped water systems only

1. Gravity stored water systems only
2. Mains fed and separately pumped water systems only

WALL MOUNTED COMPONENTS

BATH OVERFLOW FILLER COMPONENTS

WALL MOUNTED COMPONENTS

IMPORTANT INFORMATION

Safety information

This appliance can be used by children aged from 3 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

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

ALL PRODUCTS REQUIRING AN ELECTRICAL CONNECTION MUST BE INSTALLED BY A QUALIFIED PERSON FOLLOWING THE LATEST REVISION OF THE ELECTRICAL WIRING REGULATIONS, BOTH NATIONAL AND LOCAL AND CERTIFIED TO CURRENT BUILDING REGULATIONS.

This system should be installed so that other taps or appliances operated elsewhere within the premises do not significantly affect the flow.

The Quartz Smart Valve™ must not be used with a hot water supply temperature of over 65°C. If the maximum hot water temperature is likely to rise above 65°C then a Thermostatic Blending Valve must be used.

The Quartz Smart Valve™ is supplied factory pre-set at maximum temperature of 45°C. The maximum temperature is fully adjustable to suit site conditions. If adjusted, we recommend the outlet temperature is set to a MAXIMUM of 46°C.

The Quartz Smart Valve™ must be installed in an accessible location for servicing and maintenance.

The Quartz Smart Valve™ must not be installed in situations where either the ambient temperature is likely to exceed 40°C or where freezing may occur.

The controller must not be installed in situations where the ambient temperature is likely to fall below 5°C or rise above 40°C.

We do not recommend the use of a controller in steam therapy facilities.

This appliance must be earthed.

Cables must be protected by a suitably sized conduit or trunking to avoid risk of damage and to allow removal for service and maintenance purposes. Failure to install this way may invalidate the warranty.

Ensure that the conduit is run to avoid the controller fixing holes.

Surface mounted cables must also be protected by a suitable approved conduit, even in a loft, where there may be a risk of damage from vermin.

The power lead must only be replaced by the manufacturer or his accredited agent.

The controller is supplied from a safety low voltage source.

This product is suitable for domestic use only.

Aqualisa products are supplied complete with a 1 year guarantee that can be upgraded by registering the product with Aqualisa.

See www.aqualisa.co.uk/guarantee for details.

Installation of the pumped Quartz Smart Valve™ (for gravity stored systems)

The pumped Quartz Smart Valve™ shower system is designed to operate up to a maximum static pressure of 100kPa ((1 bar)(10 metres head) (14.5psi)). Under no circumstances must the pumped Quartz Smart Valve™ be connected directly to the water main or in line with another booster pump.

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

Installation of the standard (unpumped) Quartz Smart Valve™ (for balanced high pressure and unvented systems, combination boiler systems and separately pumped gravity systems)

Pressures: The standard (unpumped) Quartz Smart Valve™ is designed to operate up to a maximum static pressure of 700kPa ((7 bar) (100psi)). Where pressures are likely to exceed 700kPa ((7 bar)(100psi)), a pressure reducing valve must be fitted to the incoming mains supply. A setting of 400kPa ((4 bar)(60psi)) is recommended. It should be noted that daytime pressures approaching 600kPa ((6 bar)(80psi)) can rise above the stated maximum overnight.

Special notes for combination boiler systems

The appliance must have a minimum domestic hot water rating of 24kW and be of the type fitted with a fully modulating gas valve.
If in any doubt, please contact the appliance manufacturer before installation commences.

PLEASE NOTE: DUE TO PERFORMANCE CHARACTERISTICS OF COMBINATION BOILERS, SEASONAL INLET TEMPERATURE CHANGE WILL AFFECT THE QUARTZ SMART VALVE™ OUTLET FLOW RATE RESULTING IN VARYING SHOWER FLOW RATE AND FLOW CONTROL RANGE. INLET TEMPERATURE CHANGE MAY ALSO CAUSE THE TEMPERATURE DISPLAY TO FLASH; THIS IS NOT NECESSARILY CHANGING THE OUTLET TEMPERATURE.

Special notes for separately pumped gravity systems and universal/negative head pumps (for divert systems)

We recommend a **MINIMUM** pump rating of 1.5 bar. For optimum performance a 2.5 bar pump should be used for all separately pumped installations.

A twin ended pump is required for use with single outlet products.

A universal/negative head type twin ended pump (works on both positive and negative head conditions) MUST be used with divert products.

The minimum actual capacity of the cold water storage cistern should be not less than 225 litres (80 gallons). The capacity of the hot water cylinder must be capable of meeting the anticipated demand.

THIS PRODUCT IS NOT SUITABLE FOR USE WITH A SINGLE ENDED PUMP.

Shower Heads

The range of shower heads has been designed for use with this product.

Installation of any shower heads other than these may result in poor shower performance.

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

Connections

This product incorporates 15mm 'push-fit' type connections. Tube should be cut using a rotary type cutter and lubricated using a silicone grease, petroleum jelly, or similar, prior to insertion into the fitting. 15mm pipework must be used to connect the product.

If plastic pipe is used, the tube insert must not increase the tube diameter or extend the cut-off length by more than 2mm.

THESE FITTINGS ARE NOT SUITABLE FOR STAINLESS STEEL TUBE. COMPRESSION FITTINGS MUST NOT BE USED.

Pipe sizing

PLEASE NOTE: CHECK PIPE SIZE REQUIREMENTS FOR CONNECTIONS TO OUTLETS AND ACCESSORIES.

Long pipe runs, on both inlet and outlet, will reduce the flow rate at the shower head, 22mm pipe work should be used on inlets and reduce down to 15mm as close to the valve as possible to reduce pressure losses and help maintain flow rate. If using 15mm pipe, copper pipe is preferred, to optimise performance minimise the number of elbows used. If long pipe runs are unavoidable on the outlet, use copper pipe rather than plastic, particularly if a diverter is used, and minimise the number of elbows as the pipe inserts are very restrictive.

Flushing

Some modern fluxes can be very 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 local and national Water Supply Regulations prior to connection of the product.

Declaration of conformity

Aqualisa Products Limited declares that the Quartz Smart Valve™ and controller, in conjunction with the diverter and wired remote, complies with the essential requirements and other relevant provisions of the Low Voltage Directive (2014/35/EU) and the EMC Directive (2014/30/EU).

After installation

Familiarise the end user with the operation of this product and hand them this guide. Complete and post the guarantee card or register online at www.aqualisa.co.uk

VISAGE™ INSTALLATION

This product must be installed by a competent person in accordance with the relevant Water Supply Regulations.
Prior to installation, ensure all additional guides supplied with this product are read and understood.
In addition to the guide below, it is essential that the important information (above) is read and understood and that you have all the necessary components before commencing installation.
The Visage™ shower system is supplied with universal fixings intended to secure it to a suitable wall.

DIGITAL TV INTERFERENCE

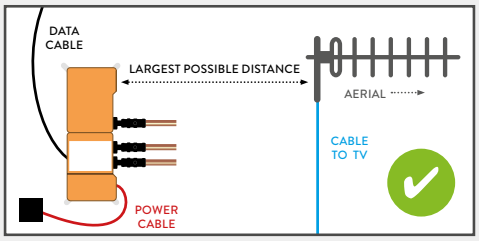
Although the Quartz Smart Valve™ complies with all relevant EMC standards, if incorrectly sited, it may interfere with digital TV reception. Please follow the recommendations below to minimise this effect.

If TV interference is an issue a service kit is available (part no: 652102).

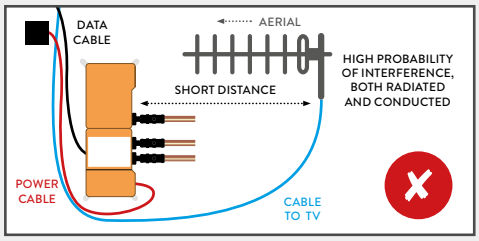
See recommended layouts below.

Images of Quartz Smart Valve™ for illustration only, refer to instruction 1 for orientation.

Valve colour may vary – the Original Quartz™ valve being black, and the Quartz Smart Valve™ being orange.



LOWEST PROBABILITY OF INTERFERENCE



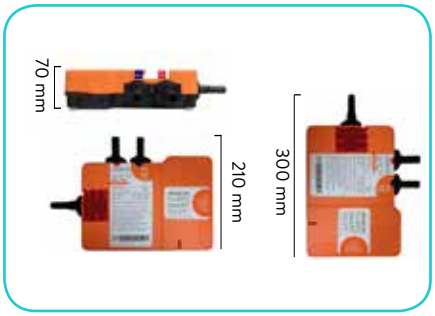
LAYOUT WHICH COULD CAUSE PROBLEMS

- Route cables separately, and as far apart from each other as possible.
- Aerial to point away from the Quartz Smart Valve™.
- Ensure the distance between the Quartz Smart Valve™ and the aerial is as large as possible.

Installation videos are available on our website www.aqualisa.co.uk/installation-videos or alternatively, scan the QR codes on the reverse of this guide.

1

To ensure safe operation and installation of this product, the Quartz Smart Valve™ MUST be installed in one of the orientations shown.



2

Isolation valves are supplied with the Quartz Smart Valve™ and must be fitted on both inlets and the blended water outlet. All pipe work should be run in 15mm pipe. All pipe work should be supported. For gravity fed installations, 22mm pipe work should be run as close to the Quartz Smart Valve™ as possible before reducing down to 15mm.

To ensure optimum performance we recommend using copper pipe with a minimum number of elbows.

The inlet supply centres are 48mm.
Please note arrow on isolation valve to indicate direction of flow.
DO NOT use compression fittings on the inlet and outlet spigots this will affect the warranty if fitted.

3

Choose the position for your Quartz Smart Valve™ as close to the controller as possible. The Quartz Smart Valve™ may be sited in the roof space above the proposed shower site, in the airing cupboard or behind a screwed bath panel if more convenient. For information regarding protecting the Quartz Smart Valve™ from cold/frost, contact Aqualisa Customer Services or refer to the Aqualisa website. Insulation material must not be placed under or on top of the Quartz Smart Valve™, the location should be where freezing cannot occur.

Please refer to the system layout diagrams.

Exposed installation example shown

The Quartz Smart Valve™ MUST be sited in a position that is safely accessible for servicing and commissioning purposes. When fitted in a loft space, the route to and the area around the Quartz Smart Valve™ must be boarded to ensure a safe working environment.

The optimum position for the Quartz Smart Valve™ is in the roof space above the controller site to take full advantage of the ease and speed of installation.

The distance between the Quartz Smart Valve™ and the controller must be within the range of the 10m data cable supplied.

4

Place the Quartz Smart Valve™ on a solid mounting surface, and place the fixing feet into suitable positions. Mark, then drill and prepare suitable fixings before securing the Quartz Smart Valve™ to the mounting surface using the screws provided, (if suitable).

5

Flush through both hot and cold supply pipes.

Refer to safety information section
The maximum hot water inlet temperature must be no more than 65°C.

6

Attach the supply pipes to the Quartz Smart Valve™, ensuring that the cold and hot feeds are fitted into the appropriately marked inlets.

Do not solder near to plastic components.

If you have a concealed system continue with instructions 7-12.
If you have an exposed system proceed to instruction 14.

7

Run a pipe from the mixed water outlet of the Quartz Smart Valve™ to the proposed siting for the shower hose outlet, fixed head or diverter depending on the system purchased.

To ensure optimum performance we recommend using copper pipe with a minimum number of elbows.

8

Unscrew the two front cover fixings at the base of the controller, ensuring the captive screws drop sufficiently to allow the front cover to be pulled clear. Carefully lift the controller from the bottom of the back plate and pull the cover clear.

9

Place the back plate on the wall in the desired location for the controller and mark all fixing points and the data cable entry point. Remove the back plate and drill a Ø16mm hole at the appropriate position for the data cable.

Ensure the data cable is the correct way round as both ends differ in type of connection used (transparent connector to the Quartz Smart Valve™ or diverter).

Data cables must be protected by suitable sheathing or conduit in the event of servicing and maintenance. Failure to install this way may invalidate the warranty.

Care should be taken to ensure the mounting holes do not pierce the data cable conduit.

10

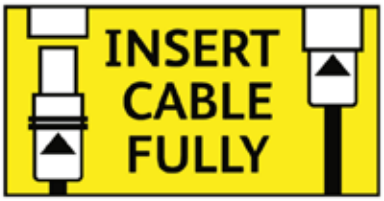
Drill and prepare the four wall fixings for the controller using the fixings provided, (if suitable).

11

Run a thin bead of mastic within the mastic groove at the rear of the back plate. Feed the data cable through the back plate leaving a working end of at least 100mm. Secure the back plate to the wall using the screws provided, (if suitable).

12

Lining up the key way, push the data cable plug into the back of the controller, ensuring both rubber skirts are recessed into the connection (see diagram below), using a blunt flat bladed screwdriver or similar tool if required. To make a water tight fitting, ensure the rubber seal is no longer visible.



13

Locate the fixing lugs on the top of the controller into position at the top of the back plate and push the bottom of the controller into place. Hold the controller in position and secure to the back plate using the fixing screws at the base of the controller.

If you have an exposed system continue with instructions 14-24.
If you have a concealed system proceed to instruction 25.

14

Locate a suitable entry point into the ceiling for the riser rail, avoiding joists and services.

The centre of the riser rail stands 45mm from the wall.

15

Drill a hole through the ceiling, a minimum of Ø30mm, maximum Ø40mm.

16

Feed the riser rail assembly containing the supply pipe and data cable through the hole in the ceiling, ensuring the controller is at the desired height, the rail is vertical, and that there is adequate working clearance above the top of the rail in the roof space.

DO NOT use a compression fitting to connect the outlet pipe to the top of the Visage™ exposed product. This will affect the warranty. The black push fit elbow provided MUST be used.

This connection MUST be sited in a position that is safely accessible for commissioning, servicing and maintenance purposes.

If the ceiling height is over 2.4m (8ft), a riser rail extension kit will be required. Contact our Customer Service Department to purchase a riser rail extension kit (part no: 223217).

17

Drill and prepare the fixing points using the fixings supplied, and fix the unit to the wall using the screws provided, (if suitable).

18

Place the upper rail bracket support pillar into the desired location ensuring that both the hose restraint and the Aqualisa Pinch Grip™ holder are below the rail wall bracket.

19

Slide the fixing bracket over the rail and support pillar and mark the fixing points. Remove the fixing bracket and drill and prepare the fixing points, using the fixings provided, (if suitable). Secure the bracket to the wall using the screws provided.

20

Carefully slide the rail end cover onto the fixing bracket flush with the finished wall surface and click the sides firmly into position.

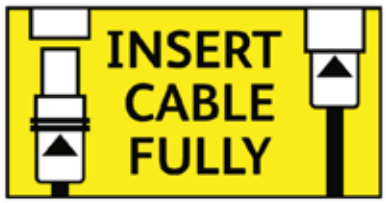
21

Slide the ceiling plate up to the ceiling to cover the entry hole.

The ceiling plate cannot be sited against an uneven surface. If there is coving or an alternative obstruction, please ensure the entry hole is neat and unobtrusive; otherwise the inner tube could be visible within the showering area.

22

Lining up the key way, push the data cable plug into the back of the controller, ensuring both rubber skirts are recessed into the connection (see diagram below), using a blunt flat bladed screwdriver or similar tool if required. To make a water tight fitting, ensure the rubber seal is no longer visible.



23

Locate the fixing lugs on the top of the controller into position at the top of the back plate and push the bottom of the controller into place.

24

Hold the controller in position and secure to the back plate using the fixing screws at the base of the controller.

For both concealed and exposed systems continue with instructions 25-27.

25

Connect the outlet pipe to the mixed water outlet on the Quartz Smart Valve™. Using pipe clips as appropriate, ensure that all pipe work is perpendicular to the Quartz Smart Valve™, i.e. not putting any strain on the fittings.

Before any electrical adjustment is attempted, the electricity supply must be turned off at the mains switch.
Electrical installation may only be carried out by a qualified person.
All copper pipe work must be cross-bonded and connected to a reliable earthing point.

26

Connect the Quartz Smart Valve™ power lead to a double pole 3 amp fuse switched spur incorporated in the fixed wiring circuit, in accordance with current wiring rules (refer to safety information section). Ensure that this is located in an accessible, dry location and not in the bathroom.

THIS APPLIANCE MUST BE EARTHED

We recommend protecting surface mounted cables in suitable approved conduit to avoid the risk of damage from vermin.

The power lead should also be clipped in place with 'P' clips or similar to avoid accidents.

27

Loosen the single fixing screw on the top of the Quartz Smart Valve™ and then carefully tilt the lid up and off the location lugs, and set the lid aside.

Plug in the transparent connector of the low voltage, 10m data cable into the socket adjacent to the temperature adjuster as indicated on the label.

Feed the cable out of the Quartz Smart Valve™ ensuring it is correctly routed within the data cable channel.

A further data cable socket has been provided for use with a wired remote or diverter. This can be accessed by carefully snapping and removing the entry pillar and connecting the cable as described above. Please refer to the Wired Remote Installation Guide or Diverter Installation Guide for the relevant wiring diagrams.

For concealed products, fit the shower head system following the installation instructions overleaf, then proceed to point 30.

For exposed products continue with instructions 28-32.

28

Ensuring the hose washers are fitted at either end of the shower hose, attach the hose to the male thread located underneath the controller. Connect the power to the Quartz Smart Valve™ and press the 'Start/Stop' button on the controller to turn the shower on. Run the shower for 15 seconds to clear any debris and flush the system through. Turn the shower off and isolate from the electrical supply. Thread the shower hose through the hose restraint.

29

To connect the shower head to the hose, follow the instruction relevant to the images below.

Ensuring the hose washer is in the correct position, depress the anti-swivel locking button on the handset and secure the handset to the hose, then place the handset into the Aqualisa Pinch Grip™ holder.

Disengage the pivot clip and remove the pivot from the bottom of the handset. Ensure the hose washer is in the correct position and screw the pivot into the hose, using a suitable hexagonal key to tighten, taking care not to over-tighten. Reinsert the pivot into the handset and engaged the pivot clip prior to placing the handset into the Pinch Grip™ holder.

For both concealed and exposed systems please follow the remaining instructions.

30

The Quartz Smart Valve™ is supplied factory set to either **'NORMAL HP'** mode or **'NORMAL GRAVITY'** mode depending on which product has been ordered.

BALANCED HP SYSTEMS AND SEPARATELY PUMPED GRAVITY SYSTEMS:

The standard Quartz Smart Valve™ fits to balanced high pressure systems or separately pumped gravity systems. It may be set to **'NORMAL HP'**, or for water economy, **'ECO HP'** mode.

STANDARD COMBINATION BOILER SYSTEMS:

When installed on combi boiler systems, the standard Quartz Smart Valve™ should be set to **'COMBI'** mode for optimum performance.

GRAVITY PUMPED QUARTZ SMART VALVE™:

The gravity pumped Quartz Smart Valve™ installed on gravity systems ONLY may be set to **'NORMAL GRAVITY'**, or for water economy, **'ECO GRAVITY'** mode.

The 'ECO' flow rate mode should NOT be selected for shower or bath systems fitted to combination boilers.

When making any adjustment to the Quartz Smart Valve™ settings the power MUST be isolated.

31

Reinstate the electrical supply to the Quartz Smart Valve™. Press the 'Start/Stop' button on the controller to turn the shower on.

32

Run the shower at maximum temperature (factory pre set to 45°C). If required, maximum temperature adjustment can be made with a flat bladed screwdriver using the 'MAX TEMP ADJUSTMENT' control as indicated. When the temperature has been set to the desired position, carefully replace the Quartz Smart Valve™ lid and secure the fixing screw, hand tight only.

Site conditions can affect temperature settings, installer to adjust as required.

ADJUSTABLE HEIGHT HEADS

Follow the below instructions if you have purchased this product.

Installation videos are available on our website www.aqualisa.co.uk/installation-videos or alternatively, scan the QR codes on the reverse of this guide.

1

Ensure the finished wall surface is even, prepare pipework from the Quartz Smart Valve™ or diverter to the required position for the hose outlet using a Ø15mm copper pipe. Slide the wall spacer down the projecting pipe flush with the finished wall surface.

2

Slide the 15mm gripper ring down the projecting pipe flush with the wall spacer fitting.

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

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

3

Remove the locking screw, rotate the chrome outlet assembly and remove the outlet from the wall mounting plate.

4

Ensuring the locking screw hole is positioned at the bottom, place the wall outlet mounting plate onto the pipe assembly and mark and prepare the fixing points, using the fixings provided, (if suitable).

Secure the wall mounting plate to the wall using the screws provided, (if suitable).
Place the 'O' ring on the recess of the spigot section on the mounting plate, offer the wall outlet onto the mounting plate in the 5 o'clock position and rotate clockwise until a stop is reached.

5

Refit the locking screw taking care not to overtighten.

6

Prepare two fixing points between 520mm (minimum) and 830mm (maximum) apart using the fixings provided, (if suitable).

The top rail end bracket can be adjusted to suit existing screw holes in the finished wall by sliding the bracket up or down the rail to suit the required position.

7

Pass the rail through the Aqualisa Pinch Grip™ holder while keeping the slider levers depressed.

Carefully slide the gel hook onto the rail under the Aqualisa Pinch Grip™ holder.

Current Water Supply Regulations state that 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 must be passed through the gel hook which has been designed to be utilised as a hose restraint.

8

Secure the top rail bracket into position using the screws provided, (if suitable).

Fit the bottom rail bracket onto the rail.

9

Slide the rail assembly up through the top rail bracket.

10

Align the small hole in the rail with the bottom rail bracket fixing point. Secure the rail assembly to the wall, using the fixings provided, (if suitable), taking care to not over tighten.

11

Place the rail end caps into the rail ends and push firmly into position.

12

Ensuring the hose washer is in the correct position; attach the hose to the wall outlet. Run the shower for a few seconds to clear any debris that may be present.

Pass the hose through the gel hanger.

13

Ensuring the hose washer is in the correct position, depress the anti-swivel locking button on the handset and secure the handset to the hose, then place the handset into the Aqualisa Pinch Grip™ holder.

Follow the below instructions if you have purchased this product.

1

Ensure the finished wall surface is even, prepare pipework from the Quartz Smart Valve™ or diverter to the required position for the hose outlet using a Ø15mm copper pipe.

2

Slide the 15mm gripper ring down the projecting pipe.

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

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

3

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.

Remove the wall outlet and drill and prepare the wall fixings.

4

Ensure the projecting pipe is clean and lubricate again if necessary. Run a thin bead of silicone sealant to the rear of the wall outlet. Refit the wall outlet and secure it to the wall using the screws provided. Refit the wall outlet cover plate.

5

Prepare two fixing points 540mm-555mm 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.

6

Pass the rail through the Aqualisa Pinch Grip™ holder while keeping the slider levers depressed.

Carefully slide the gel hook onto the rail under the Aqualisa Pinch Grip™ holder.

Current Water Supply Regulations state that 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 must be passed through the gel hook which has been designed to be utilised as a hose restraint.

7

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

8

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

9

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

10

Ensuring the hose washer is correctly fitted, connect the hose to the wall outlet assembly and run the shower for 15 seconds without the handset attached to clear any internal debris, which may be present. Turn off the shower and pass the hose through the gel hook/hose restraint (if required).

11

Disengage the pivot clip and remove the pivot from the bottom of the handset. Ensure the hose washer is in the correct position and screw the pivot into the hose, using a suitable hexagonal key to tighten, taking care not to over-tighten. Reinsert the pivot into the handset and engaged the pivot clip prior to placing the handset into the Pinch Grip™ holder.

BATH OVERFLOW FILLER

The bath overflow filler is suitable for baths up to a maximum thickness of 24mm.

Installation videos are available on our website www.aqualisa.co.uk/installation-videos or alternatively, scan the QR codes on the reverse of this guide.

1

Carefully unscrew and remove the overflow filler outlet from the body assembly and set aside.

2

Carefully unscrew and remove the bath waste clicker assembly from the waste body and set aside.

3

Offer the bath waste into position ensuring the rubber washer is correctly aligned between the waste assembly and the bath base.

4

Ensuring the rubber washer is correctly aligned, pass the bath waste clicker through the bath and secure to the waste body assembly.

5

Connect the bath waste to a suitable waste pipe.

6

Offer the outlet body assembly into position at the rear of the bath ensuring the rubber washer is correctly aligned between the outlet body assembly and bath wall.

7

Ensuring the rubber washer is correctly aligned, pass the overflow filler outlet through the bath and secure to the body assembly.

8

Remove the relevant inlet blanking plug and attach the flexible hose to the blended inlet connection.

PTFE thread tape MUST be used to guarantee a watertight seal.

9

Connect the flexible hose to the blended supply pipe ensuring suitable non restrictive double check valves (not supplied) are fitted in line with current Water Supply Regulations.

WASTE PIPE EXTENSION KIT

If required for larger baths, a 900mm waste pipe conversion kit is available from the Aqualisa Customer Service department. Please contact our Customer Service Department on 01959 560010.

1

Unscrew the clamping nut and remove the waste pipe from the waste assembly.

2

Remove the clamping nut and sealing washer from the waste pipe and set aside.

3

Carefully cut down the length of the waste pipe, and disconnect from the outlet assembly, ensuring not to damage the outlet.

4

To reassemble, push the longer waste pipe into position over the outlet, and secure it in place using a jubilee clip (not supplied).

NOTE: The waste pipe may need to be softened by running it under hot water, to ensure it slides over the outlet.

WALL MOUNTED HEAD

Installation videos are available on our website www.aqualisa.co.uk/installation-videos or alternatively, scan the QR codes on the reverse of this guide.

1

Run a 15mm outlet pipe from the Quartz Smart Valve™ /diverter to the preferred position for the fixed head.

Cut the outlet pipe to the finished length (55mm – 150mm measured from the finished wall surface) using a rotary type cutter. If a hacksaw is used, the pipe end must be carefully de-burred and chamfered.

If you have a drencher head continue with instructions 2-7.

If you have a multi-mode head proceed to instruction 8-10.

2

Slide the wall spacer down the projecting pipe flush with the finished wall surface.

Slide the 15mm gripper ring down the projecting pipe flush with the wall spacer fitting.

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 wall surface and mark the four fixing points.

Carefully remove the fixed head arm and drill and prepare using the fixings provided, (if suitable), taking care to avoid pipework hidden in the wall.

4

Ensure 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.

The 'O' ring must be positioned on the 15mm pipe flush to the fixing bush, not onto the fixing bush shaft.

5

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

Run the shower for a few seconds to clear any debris that may be present.

6

Slide the cover plate into position flush with the finished wall surface.

7

Ensuring the rubber washer is in the correct position, attach the shower head to the fixed arm and carefully secure using a suitable spanner, or a tool with smooth jaws, sufficiently to lock the head into position.

If you have a multi-mode head proceed with the remaining instructions.

8

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

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

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

9

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.

The ‘O’ ring must be positioned on the 15mm pipe flush to the fixing bush, not onto the fixing bush shaft.

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

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

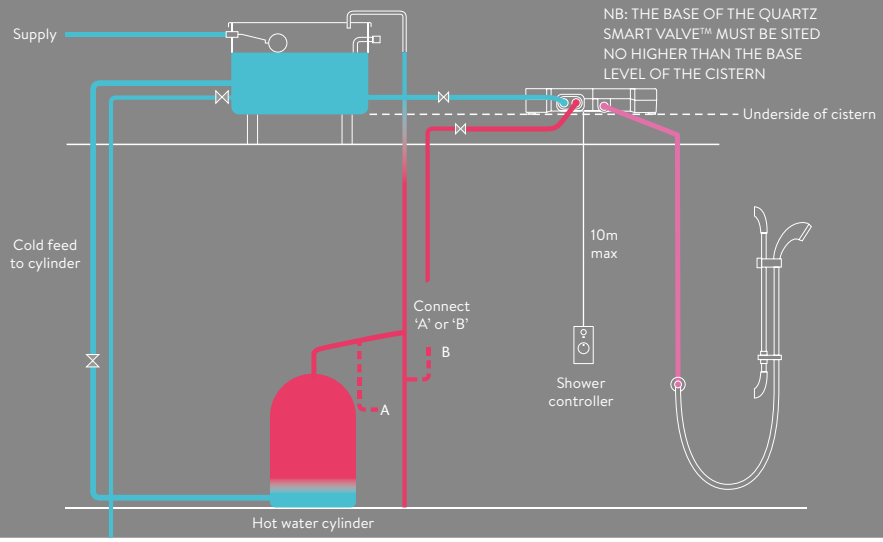
10

Push the cover plate into position flush with the finished wall surface.

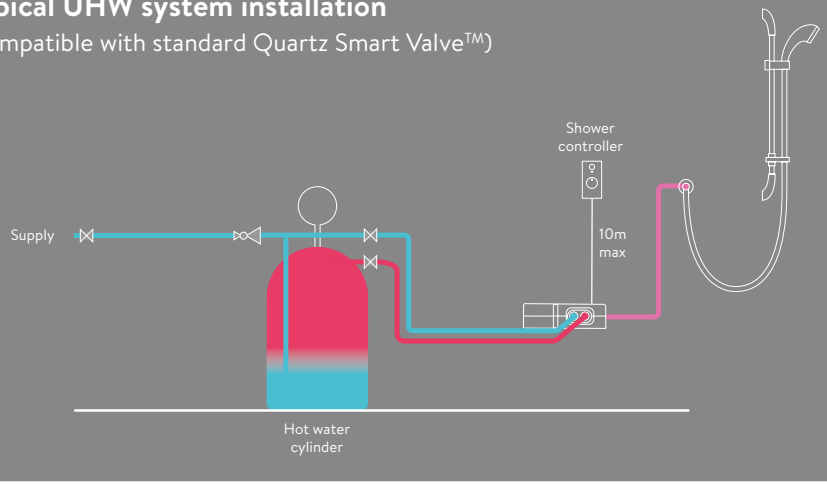
Ensuring the rubber washer is in the correct position, attach the shower head to the fixed arm and carefully secure using a suitable spanner, or a tool with smooth jaws, sufficiently to lock the head into position.

SYSTEM LAYOUT DIAGRAMS

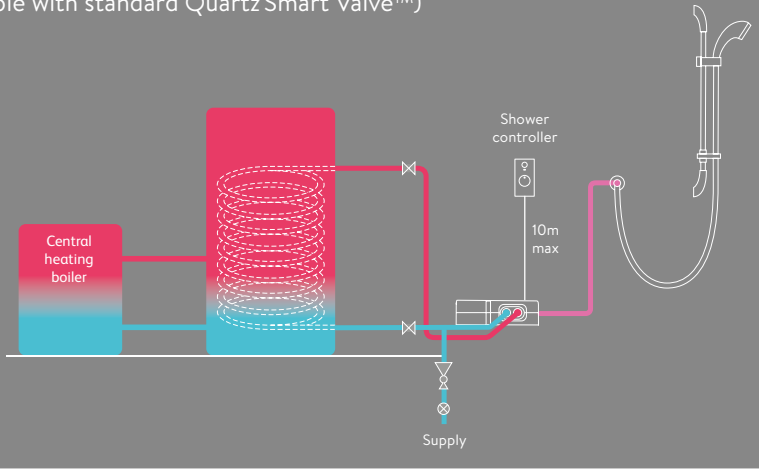
Typical gravity system installation
(compatible with pumped Quartz Smart Valve™)



Typical UHW system installation
(compatible with standard Quartz Smart Valve™)

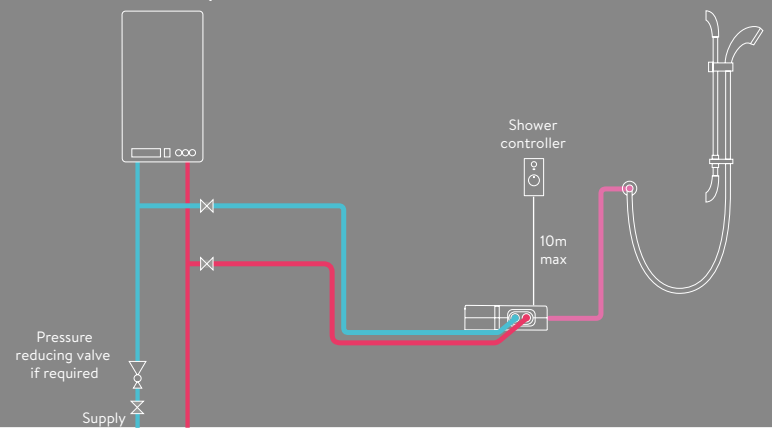


Typical thermal storage unit system installation
(compatible with standard Quartz Smart Valve™)



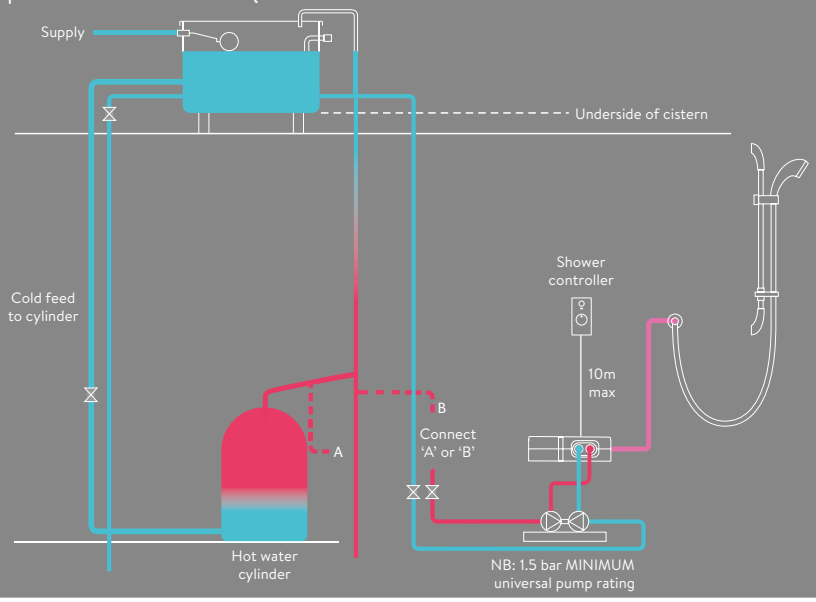
Typical combination boiler installation

(compatible with standard Quartz Smart Valve™)



Typical pumped system installation

(compatible with standard Quartz Smart Valve™)



USER GUIDE

To avoid residual water dripping from the shower head after use, we advise to tilt the head to allow residual water to drain out.

The above recommendation applies to both adjustable and fixed shower heads.

If you have a dual outlet diverter product, please refer to the controller user guide in the Diverter Installation Guide.

Controller user guide – single outlet

1. Turn the temperature dial to the required setting.

2. Press the 'Start/Stop' button on the controller, to turn the shower on.

3. The LED display will flash until the selected temperature has been reached. When the LED display is constant, step into your shower and enjoy!

4. The temperature may be adjusted whilst in the shower.

5. Press the 'Start/Stop' button on the controller, to turn the shower off.

Adjustable head user guide

1. Rotate the spray plate lever clockwise or anti-clockwise to select the desired spray pattern.

   N.B. Harmony head only - When the lever is in the 3 o'cock position when viewed from below (as shown), the water saving 'Eco' mode is selected. This provides the same spray pattern as the previous position, but, depending on which water system the product is fitted to, this offers up to 25% water saving.

Harmony head shown for illustrative purposes

2. To select the preferred height for the shower head, depress the levers fully to enable the Aqualisa Pinch Grip™ holder 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 user guide

The angle of the fixed shower head 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 head and moving the head to the desired angle.

Multi-mode head only - To select the desired spray pattern, rotate the shower spray plate clockwise or anti-clockwise, using the lever.

Bath overflow filler user guide

1. Push the waste cover to engage the plug fitting.

2. Push the waste cover again to disengage the plug fitting.

Please do not leave the bath filler running unattended. Although the overflow will remove excess water once the bath is overfilled, this may not be sufficient to prevent the bath from overflowing (depending on system conditions).
If you have any queries regarding the installation of this product please contact the Aqualisa Customer Service Department on 01959 560010.

Cleaning and maintenance

Your Visage™ system should be cleaned using only a soft cloth and washing up liquid.

Your Visage™ bath system 'click clack' waste plug mechanism, if applicable, should be kept clear of debris to ensure the plug maintains a watertight seal. The plug can be unscrewed and removed to check and clean the mechanism.

DO NOT USE ABRASIVE CLEANERS

To reduce the need for chemical descaling in hard water areas, your shower head incorporates a 'clear flow' system, whereby any scale build up can be broken down by gently rubbing the flexible tips of the jets during use. This procedure should be completed regularly, as often as once a week in some hard water areas, as scale build up can affect the spray pattern and cause the shower to perform poorly.
Failure to descale the shower head can affect the internal seals and may affect the warranty. Cleaning and maintenance should not be undertaken by children without supervision by a person responsible for their safety.

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

It is imperative that descaling is carried out in accordance with the manufacturer's instructions, substances that are not suitable for plastics and electroplated surfaces must not be used.

AQUALISA

DIVERTER INSTALLATION GUIDE

SCREWFIX

COMPONENTS

In addition to the components featured within the main product system installation guide, diverter systems also include the following components.

Elbow is suitable for use with Gravity Pumped variants only.

COMPONENTS

Along with the above components, your main controller will have divert buttons, as shown below.

Quartz™

Rise™

iSys™

Visage™

Visage™

Viso™ & Zuri™

Concealed controllers shown for illustrative purposes only.

IMPORTANT INFORMATION

Safety information

This appliance can be used by children aged from 3 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

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

ALL PRODUCTS REQUIRING AN ELECTRICAL CONNECTION MUST BE INSTALLED BY A QUALIFIED PERSON FOLLOWING THE LATEST REVISION OF THE ELECTRICAL WIRING REGULATIONS, BOTH NATIONAL AND LOCAL AND CERTIFIED TO CURRENT BUILDING REGULATIONS.

This system should be installed so that other taps or appliances operated elsewhere within the premises do not significantly affect the flow.

The Quartz Smart Valve™ must not be used with a hot water supply temperature of over 65°C. If the maximum hot water temperature is likely to rise above 65°C then a Thermostatic Blending Valve must be used.

The Quartz Smart Valve™ is supplied factory pre-set at maximum temperature of 45°C. The maximum temperature is fully adjustable to suit site conditions. If adjusted, we recommend the outlet temperature is set to a MAXIMUM of 46°C.

The Quartz Smart Valve™ and diverter must be installed in an accessible location for servicing and maintenance.

The Quartz Smart Valve™ and diverter must not be installed in situations where either the ambient temperature is likely to exceed 40°C or where freezing may occur.

The controller must not be installed in situations where the ambient temperature is likely to fall below 5°C or rise above 40°C.

We do not recommend the use of a controller in steam therapy facilities.

This appliance must be earthed.

Cables which are chased into the wall must be protected by a suitably sized conduit or sheathing to allow for removal in the event of service and maintenance purposes. Failure to install this way may invalidate the warranty.

Ensure that the conduit is run to avoid the controller fixing holes.

Surface mounted cables must also be protected by a suitable approved conduit, even in a loft, where there may be a risk of damage from vermin.

The power lead must only be replaced by the manufacturer or his accredited agent.

The controller is supplied from a safety low voltage source.

This product is suitable for domestic use only.

Aqualisa products are supplied complete with a 1 year guarantee that can be upgraded by registering the product with Aqualisa.

See www.aqualisa.co.uk/guarantee for details.

Installation of the pumped Quartz Smart Valve™ (for gravity stored systems)

The pumped Quartz Smart Valve™ shower system is designed to operate up to a maximum static pressure of 100kPa ((1 bar)(10 metres head)(14.5psi)). Under no circumstances must the pumped Quartz Smart Valve™ be connected directly to the water main or in line with another booster pump.

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

Installation of the standard (unpumped) Quartz Smart Valve™ (for balanced high pressure and unvented systems, combination boiler systems and separately pumped gravity systems)

Pressures: The standard (unpumped) Quartz Smart Valve™ is designed to operate up to a maximum static pressure of 700kPa ((7 bar)(100psi)). Where pressures are likely to exceed 700kPa ((7 bar)(100psi)), a pressure reducing valve must be fitted to the incoming mains supply. A setting of 400kPa ((4 bar)(60psi)) is recommended. It should be noted that daytime pressures approaching 600kPa ((6 bar)(80psi)) can rise above the stated maximum overnight.

Special notes for combination boiler systems

The appliance must have a minimum domestic hot water rating of 24kW and be of the type fitted with a fully modulating gas valve.
If in any doubt, please contact the appliance manufacturer before installation commences.

PLEASE NOTE: DUE TO PERFORMANCE CHARACTERISTICS OF COMBINATION BOILERS, SEASONAL INLET TEMPERATURE CHANGE WILL AFFECT THE QUARTZ SMART VALVE™ OUTLET FLOW RATE RESULTING IN VARYING SHOWER FLOW RATE AND FLOW CONTROL RANGE. INLET TEMPERATURE CHANGE MAY ALSO CAUSE THE TEMPERATURE DISPLAY TO FLASH; THIS IS NOT NECESSARILY CHANGING THE OUTLET TEMPERATURE.

Special notes for separately pumped gravity systems and universal/negative head pumps (for divert systems)

We recommend a **MINIMUM** pump rating of 1.5 bar. For optimum performance a 2.5 bar pump should be used for all separately pumped installations.

A twin ended pump is required for use with single outlet products.

A universal/negative head type twin ended pump (works on both positive and negative head conditions) MUST be used with divert products.

The minimum actual capacity of the cold water storage cistern should be not less than 225 litres (80 gallons). The capacity of the hot water cylinder must be capable of meeting the anticipated demand.

THIS PRODUCT IS NOT SUITABLE FOR USE WITH A SINGLE ENDED PUMP.

Connections

This product incorporates 15mm 'push-fit' type connections. Tube should be cut using a rotary type cutter and lubricated using a silicone grease, petroleum jelly, or similar, prior to insertion into the fitting. 15mm pipework must be used to connect the product.

If plastic pipe is used, the tube insert must not increase the tube diameter
or extend the cut-off length by more than 2mm.

THESE FITTINGS ARE NOT SUITABLE FOR STAINLESS STEEL TUBE. COMPRESSION FITTINGS MUST NOT BE USED.

Pipe sizing

PLEASE NOTE: CHECK PIPE SIZE REQUIREMENTS FOR CONNECTIONS TO OUTLETS AND ACCESSORIES.

Long pipe runs, on both inlet and outlet, will reduce the flow rate at the shower head, 22mm pipe work should be used on inlets and reduce down to 15mm as close to the valve as possible to reduce pressure losses and help maintain flow rate. If using 15mm pipe, copper pipe is preferred, to optimise performance minimise the number of elbows used. If long pipe runs are unavoidable on the outlet, use copper pipe rather than plastic, particularly if a diverter is used, and minimise the number of elbows as the pipe inserts are very restrictive.

Flushing

Some modern fluxes can be very 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 local and national Water Supply Regulations prior to connection of the product.

Declaration of conformity

Aqualisa Products Limited declares that the diverter, in conjunction with the Quartz Smart Valve™ and controller, complies with the essential requirements and other relevant provisions of the Low Voltage Directive (2014/35/EU) and the EMC Directive (2014/30/EU).

After installation

Familiarise the end user with the operation of this product and hand them this guide. Complete and post the guarantee card or register online at www.aqualisa.co.uk

INSTALLATION OF DIVERTER

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

Prior to installation, ensure all additional guides supplied with this product are read and understood.

Fit the Quartz Smart Valve™, controller and outlets following the installation instructions provided separately.

Prior to connecting the blended supply connections to the shower/bath fittings, follow the procedure below to install the diverter.

DIGITAL TV INTERFERENCE

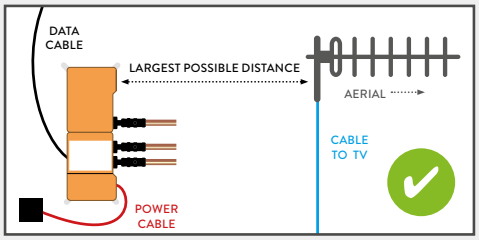
Although the Quartz Smart Valve™ complies with all relevant EMC standards, if incorrectly sited, it may interfere with digital TV reception. Please follow the recommendations below to minimise this effect.

If TV interference is an issue a service kit is available (part no: 652102).

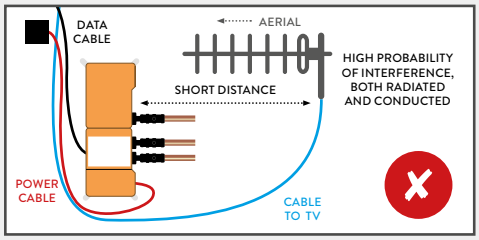
See recommended layouts below.

Images of Quartz Smart Valve™ for illustration only, refer to main installation guide for orientation.

Valve colour may vary – the Original Quartz™ valve being black, and the Quartz Smart Valve™ being orange.



LOWEST PROBABILITY OF INTERFERENCE



LAYOUT WHICH COULD CAUSE PROBLEMS

- Route cables separately, and as far apart from each other as possible.
- Aerial to point away from the Quartz Smart Valve™.
- Ensure the distance between the Quartz Smart Valve™ and the aerial is as large as possible.

Installation videos are available on our website www.aqualisa.co.uk/installation-videos or alternatively, scan the QR codes on the reverse of this guide.

1

To ensure safe operation and installation of this product, the diverter MUST be installed in one of the orientations shown.

2

In addition to the isolation valves supplied with the Quartz Smart Valve™, isolation valves are also provided for use with the diverter inlet and outlets. All pipe work should be run in 15mm pipe and all pipe work should be supported.

For optimum performance use copper pipe and minimise the pipe length runs and amount of elbow fittings.

3

Choose the position for your diverter as close to the Quartz Smart Valve™ as possible, within range of the 2m low voltage connecting data cable provided. Like the Quartz Smart Valve™, the diverter may be sited in the roof space above the proposed shower/bath site, in the airing cupboard or behind a screwed bath panel if more convenient. For information regarding protecting the Quartz Smart Valve™ from cold/frost, contact Aqualisa Customer Services or refer to the Aqualisa website. Insulation material must not be placed under or on top of the diverter and Quartz Smart Valve™, the location should be where freezing cannot occur.

The distance between the diverter and Quartz Smart Valve™ must be within the 2m range of the patch lead data cable provided.

For connection options, see images in the follow on sections. Note the use of the cranked elbow connector (supplied) with the pumped Quartz Smart Valve™.

The Quartz Smart Valve™ and diverter must be sited in a position that is safely accessible for servicing and maintenance purposes. When fitted in the loft space, the route to and the area around the Quartz Smart Valve™ and diverter must be boarded to ensure a safe working environment.

4

Place the diverter onto a solid mounting surface, adjusting the fixing feet into suitable positions. Mark then drill and prepare suitable fixings before securing it to the mounting surface using the screws provided, (if suitable).

5

Ensuring the supply pipe work connections have been flushed through in accordance with the main installation instructions provided, connect the Quartz Smart Valve™ outlet pipe to the diverter inlet pipe.

⚠ Please note direction of arrow on isolation valve to indicate direction of flow.

HP/Combi

Quartz Smart Valve™ connected to diverter with additional pipe

Quartz Smart Valve™ connected directly to diverter

Gravity Pumped

Quartz Smart Valve™ connected to diverter with additional pipe

Quartz Smart Valve™ connected directly to diverter

⚠ Images shown are aerial views and are for illustrative purposes only.

6

Ensure that the isolation valves are connected to the diverter outlets, with the arrows correctly aligned according to the direction of flow.

Run the pipes from the mixed water outlets on the diverter through to the proposed siting for the shower hose outlet, fixed head arm or bath outlet, depending on the system chosen. For Quartz™ and Rise™ the outlets are assigned to the controller buttons as follows:

- Top button to outlet A of the diverter
- Bottom button to outlet B of the diverter

Before any electrical adjustment is attempted, the electricity supply must be turned off at the mains switch.
Electrical installation may only be carried out by a qualified person.
All copper pipe work must be cross-bonded and connected to a reliable earthing point.

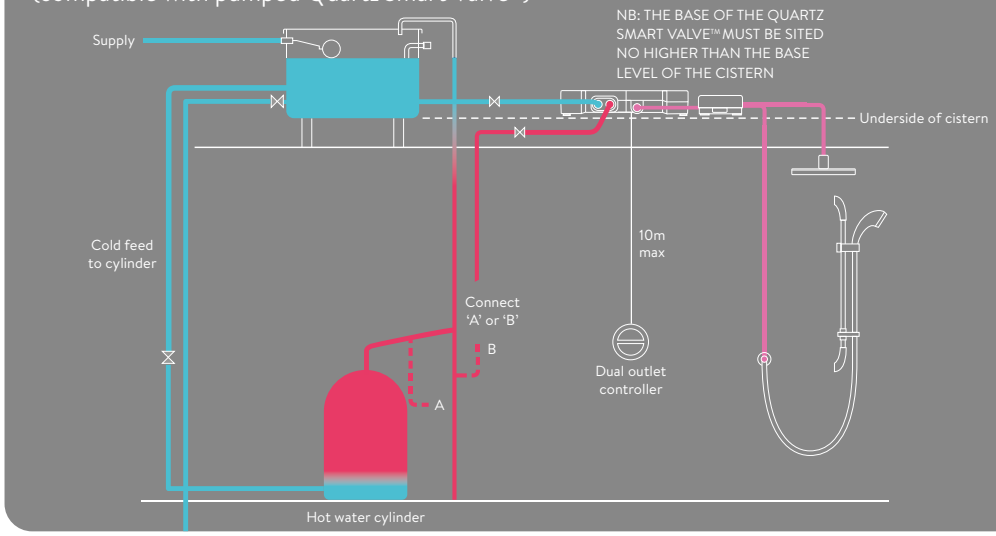
7

Unscrew the single fixing screw from the diverter lid, and carefully pull the lid clear.

SYSTEM LAYOUT DIAGRAMS

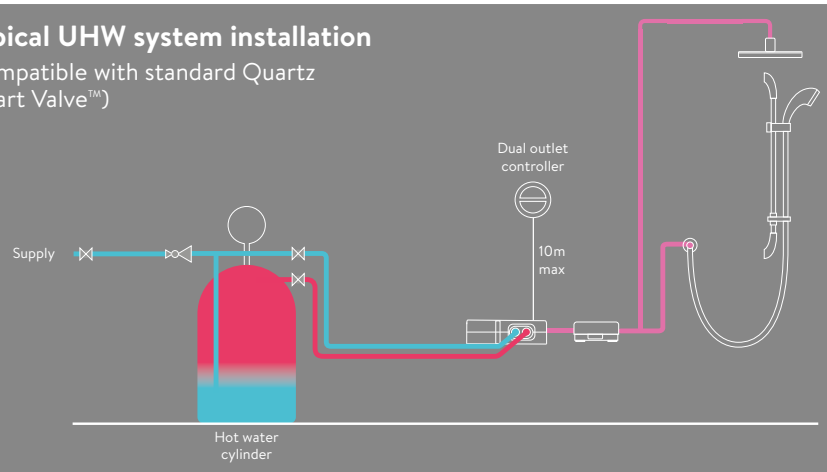
Typical gravity system installation

(compatible with pumped Quartz Smart Valve™)



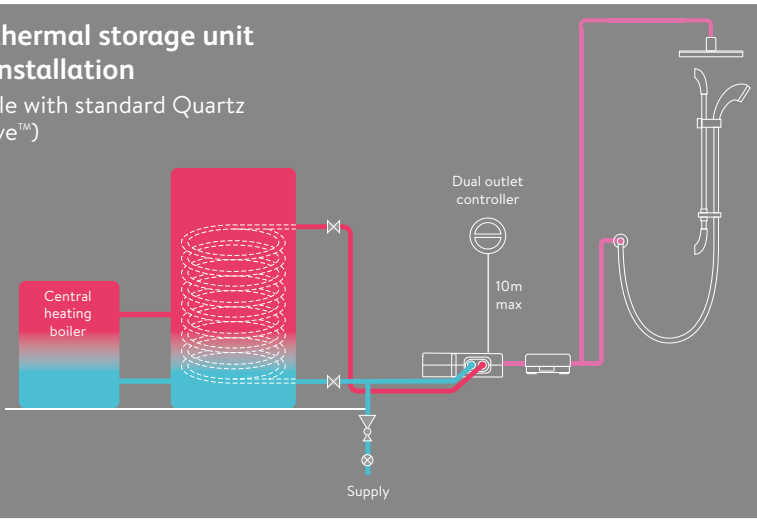
Typical UHW system installation

(compatible with standard Quartz Smart Valve™)



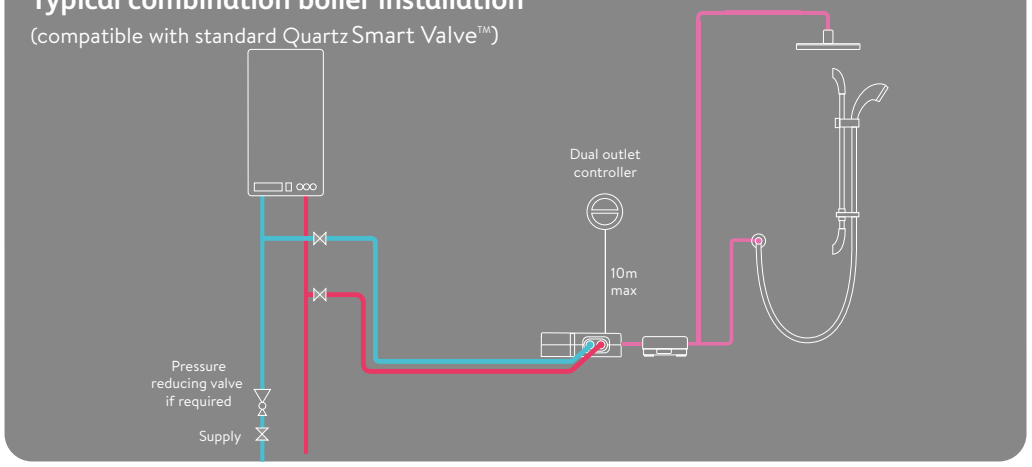
Typical thermal storage unit system installation

(compatible with standard Quartz Smart Valve™)



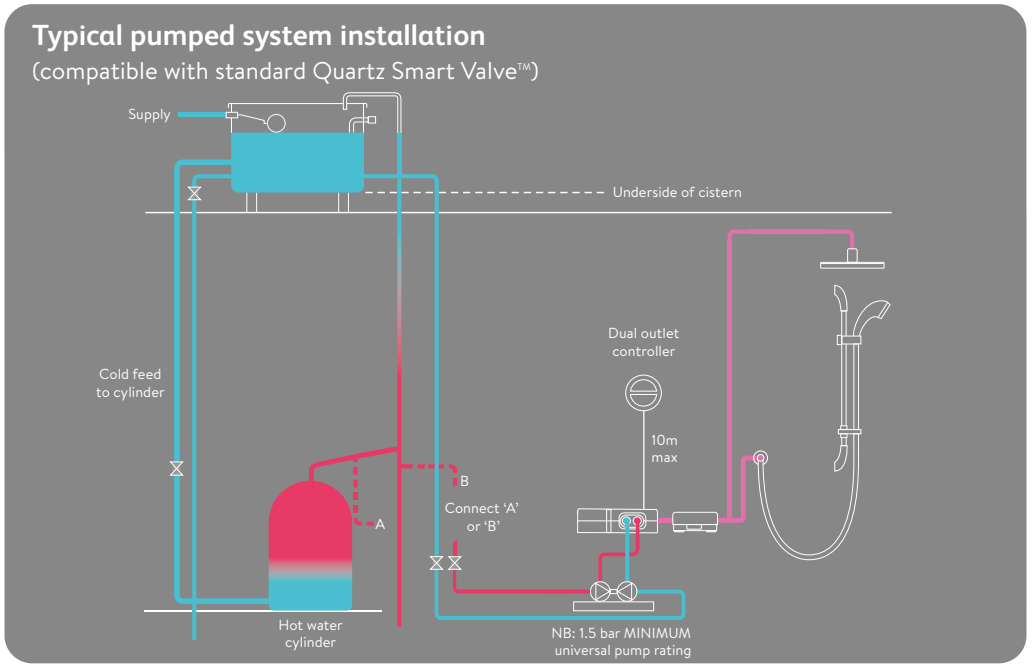
Typical combination boiler installation

(compatible with standard Quartz Smart Valve™)



Typical pumped system installation

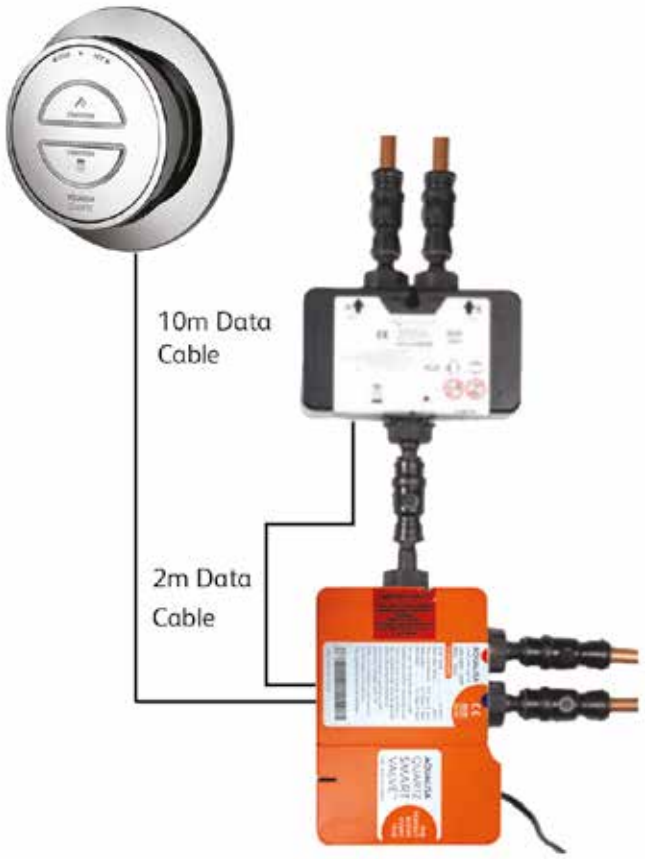
(compatible with standard Quartz Smart Valve™)



WIRING DIAGRAM for Quartz™ & Rise™

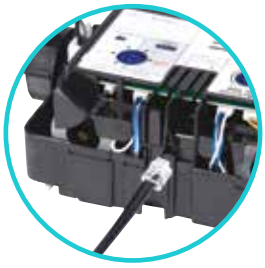
Follow the finishing wiring instructions relevant to your product.

Wiring diagram for Quartz™ & Rise™



1

Plug the transparent connector of the 10m low voltage data cable, into the open entry port on the main Quartz Smart Valve™.

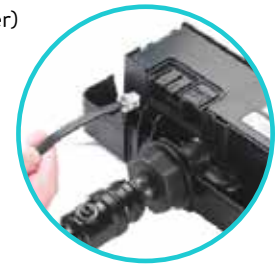


2

Plug one end of the 2m data cable (supplied with the diverter) into the secondary entry port of the main Quartz Smart Valve™, this can be accessed by carefully snapping off and removing the entry pillar.

3

Plug the other end of the 2m data cable (supplied with the diverter) into port 1 on the diverter, this is indicated by the single dot.



If fitting this system complete with a wired remote, a further data cable socket has been provided within the diverter. The wired remote MUST be connected here and NOT within the main Quartz Smart Valve™.

Please refer to the Wired Remote Installation Guide for the relevant cable configuration.

4

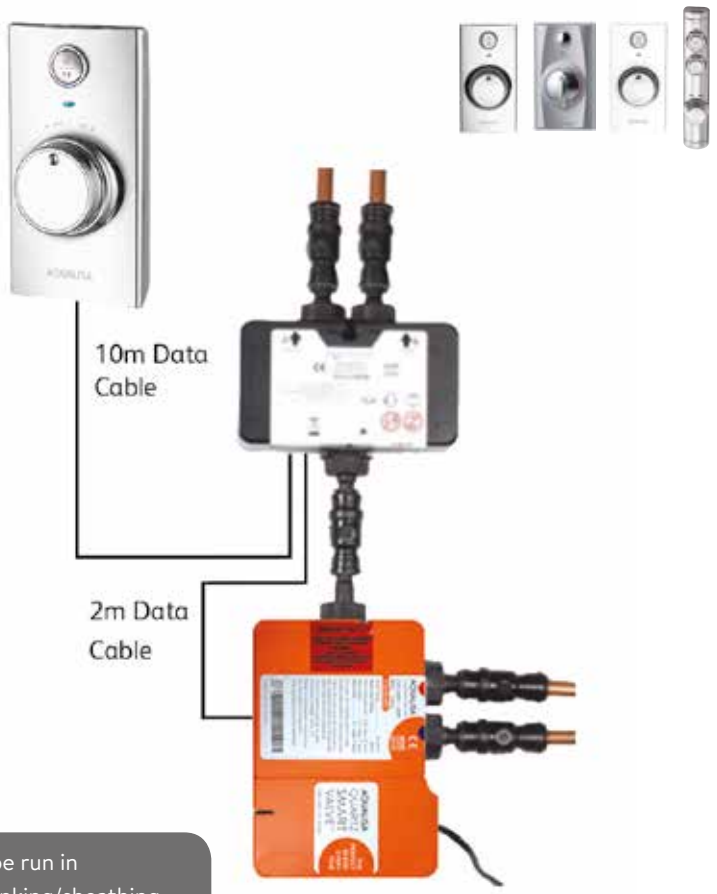
Resume installation following the main and shower/bath fitting installation instructions provided prior to completing the commissioning procedure shown overleaf.

WIRING DIAGRAM for Visage™, Viso™, Zuri™ & iSys™

Follow the finishing wiring instructions relevant to your product.

Wiring diagram for Visage™, Viso™, Zuri™ & iSys™

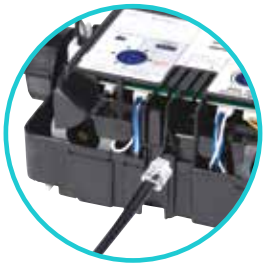
Visage™ shown for illustrative purposes



Cables **must** be run in conduit or trunking/sheathing

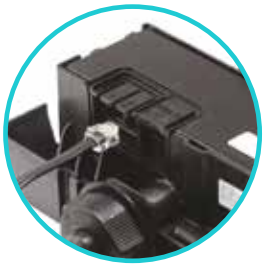
1

Plug one end of the 2m data cable (supplied with the diverter) into the open entry port of the main Quartz Smart Valve™.



2

Plug the other end of the 2m data cable (supplied with the diverter) into port 2 on the diverter, this is indicated by the double dot.



3

Plug the transparent connector of the 10m low voltage data cable for the main controller into port 1 on the diverter, this is indicated by the single dot.

If fitting this system complete with a wired remote, the remote control data cable should be plugged into the splitter box, NOT the Quartz Smart Valve™.

Please refer to the Wired Remote Installation Guide for the relevant cable configuration.

4

Resume installation following the main and shower/bath fitting installation instructions provided prior to completing the commissioning procedure shown overleaf.

COMMISSIONING

Quartz™ & Rise™

The main controller will automatically assign the outlets as follows:

- Top button to outlet A of the diverter
- Bottom button to outlet B of the diverter

If using a wired remote, by default the remote button will assign outlet A as the primary. If required, this can be changed from outlet A to outlet B, meaning when operated via a wired remote, the preferred outlet will always operate first.

The default flow rate for both outlets is LOW FLOW. However, if required, either or both outlets can be set to HIGH FLOW by following the 'Setting flow rate' procedure.

Wired remote setup

Setting the default outlet for remote operation

1. The diverter switch can be accessed by unscrewing the captive fixing screw and removing the lid of the diverter.
2. With the power supply turned off to the Quartz Smart Valve™ use the diverter switch to choose your primary outlet.

   Switch position 1 - Outlet A - controller top button
   Switch position 2 - Outlet B - controller bottom button
3. Replace the lid onto the diverter and secure using the captive fixing screw.
4. Turn the power supply to the Quartz Smart Valve™ back on.

Changing the default outlet as above will not change which outlet flows when the top or bottom buttons are pressed on the main controller.

Visage™, Viso™, Zuri™ & iSys™

If using a wired remote, by default the remote button will assign outlet A as the primary. If required, this can be changed from outlet A to outlet B, meaning when operated via a wired remote, the preferred outlet will always operate first.

Wired remote setup

Setting the default outlet for remote operation

1. The diverter switch can be accessed by unscrewing the captive fixing screw and removing the lid of the diverter.
2. With the power supply turned off to the Quartz Smart Valve™ use the diverter switch to choose your primary outlet.

   Switch position 1 - Outlet A
   Switch position 2 - Outlet B
3. Replace the lid onto the diverter and secure using the captive fixing screw.
4. Turn the power supply to the Quartz Smart Valve™ back on.

USER GUIDE

Rise™ controller user guide

The Rise™ product has a number of additional functions available. Please note these features are disabled as a factory default. To activate and programme these features please refer to the Rise User Guide for commissioning and user instructions on how to operate the shower.

Quartz™ controller user guide

Your Quartz™ dual outlet controller has a High flow/Low flow function available. Please note the factory default setting is Low flow on both outlets.
Please see 'Setting flow rate' to change flow settings.

1. Turn the temperature dial to the required setting. The temperature can be adjusted at anytime by turning the dial.
2. Press the desired outlet button on the controller to turn the shower on.

Whilst the shower is in use, if the 2nd outlet button is pressed, the 1st outlet will automatically stop and the 2nd outlet will start. Depending on system pipe runs, there may be a slight outlet temperature change when switching between outlets.

3. The blue LED display will flash until the selected temperature has been reached.
4. When the LED display is constant, your shower is ready to use.
5. Press the active button to turn the shower off.

Setting flow rate

1. Ensuring the Quartz Smart Valve™ is powered, but without any outlets flowing, enable 'Setup' mode by first turning the temperature dial to full cold. Press and hold both buttons together for 5 seconds.

> The LEDs will flash twice quickly and once slowly to indicate the controller is in 'Setup' mode.

2. When in 'Setup' mode, both outlet 'Start/Stop' buttons LEDs flash slowly to indicate flow is set to LOW FLOW mode. Quickly flashing LEDs indicate flow is set to HIGH FLOW mode.
3. Press the relevant 'Start/Stop' button to change flow on each outlet as required.
   HIGH FLOW mode - quick flashing LEDs
   LOW FLOW mode - slow flashing LEDs

4. To save the desired settings and to exit 'Setup' mode, press and hold both 'Start/Stop' buttons together for 5 seconds until both LEDs remain on steady, without flashing. The LEDs will turn off as soon as the 'Start/Stop' buttons are released indicating all settings have been saved and 'Setup' mode has been exited.

Wired remote user guide

1. Press the wired remote button to turn the shower on.
2. The Quartz™ system will operate as determined by the outlet selected during the 'Wired remote setup' procedure.
3. If required, push and hold the button for 2 seconds to stop the 1st outlet and start the 2nd outlet.
4. The flashing-to-steady blue LED display advises when the temperature selected by the main controller has been reached.
5. Turn the shower off either by pressing the main controller or wired remote button.

Visage™, Viso™, Zuri™ & iSys™ controller user guide

1. Turn the temperature dial to the required setting.
   The temperature can be adjusted at anytime by turning the dial. (Visage™ used for illustration only)

Visage™ components shown for illustrative purposes

2. Press the 'Start/Stop' button on the controller, to turn the shower on.
3. To change the outlet, press and hold the 'Start/Stop' button to divert.
4. The LED display will flash until the selected temperature has been reached.
5. When the LED display is constant, your shower is ready to use.
6. **iSys™ products only;** Press the boost button on the controller to increase the flow rate of the shower when desired.
   N.B. If installed on a combination boiler system, the strength of the 'Boost' button will depend on the performance capability of the boiler.

7. Press the 'Start/Stop' button on the controller, to turn the shower off.

If the 'Start/Stop' is held to divert the water flow, the 1st outlet will automatically stop and the 2nd outlet will start. Depending on system pipe runs, there may be a slight outlet temperature change when switching between outlets.

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5. Turn the shower off either by pressing the main controller or wired remote button.

Visage™

iSys™

Cleaning and maintenance

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

DO NOT USE ABRASIVE CLEANERS

To reduce the need for chemical descaling in hard water areas, your shower head incorporates a 'clear flow' system, whereby any scale build up can be broken down by gently rubbing the flexible tips of the jets during use. This procedure should be completed regularly, as often as once a week in some hard water areas, as scale build up can affect the spray pattern and cause the shower to perform poorly. Failure to descale the shower head can affect the internal seals and may affect the warranty.

Cleaning and maintenance should not be undertaken by children without supervision by a person responsible for their safety.

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

It is imperative that descaling is carried out in accordance with the manufacturer's instructions, substances that are not suitable for plastics and electroplated surfaces must not be used.

Scan here for installation videos

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