

! IMPORTANT !



Commissioning Instructions

MUST be followed to ensure
full functionality





ESSENTIAL INFORMATION

Please read and pass this instruction page to the end user Installer to proceed to **page 3** for SmartValve™ Commissioning



The benefits of your customer connecting their shower to the Aqualisa App.

Why Connect?

By connecting the shower to **the Aqualisa App during installation, you'll ensure your SmartValve™** has the latest version of firmware, which provides:

- ✓ *Essential updates and bug fixes*
- ✓ *Improved performance*
- ✓ *Enhanced functionality*
- ✓ *Newest features*

Even if you're not planning to use the app regularly, connecting is crucial for maintaining peak performance and reliability.

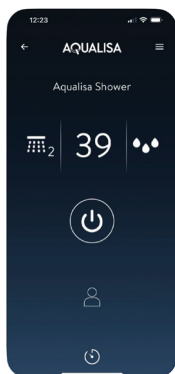
Quick & Easy Setup

Connecting is simple, please ask the end user to do the following on their own device:

1. Download the “Aqualisa” app in the App Store or Google Play.



2. Create an account.
3. Follow the step-by-step instructions to pair the shower with the app.
4. Accept any updates.
5. That's it – The shower is now ready to deliver its best!



The app offers a range of features to enhance the showering experience.

Scan Here for More Information:

www.aqualisa.co.uk/aqualisa-app

AQUALISA®

PUMPED SMARTVALVE™

IMPORTANT INFORMATION

Read before commencing installation!

This booklet contains:

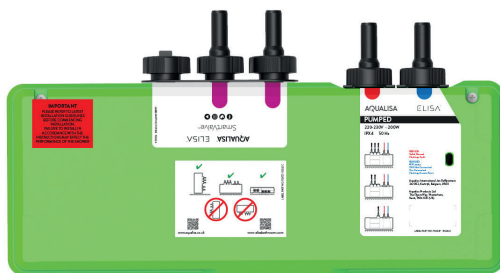
Commissioning Instructions to Reduce Risk of Airlock and Instructions to Clear An Airlock

(If you observe symptoms of low/no flow of water, and can hear the pump running it's an indication that an airlock is present)

Welcome to Aqualisa's latest pumped SmartValve™ that brings greater functionality whilst showering and is easy to install.

As part of the set up for your gravity fed system, you will need to go through the commissioning process, this will vary depending on the location of your SmartValve™. Scan the QR codes for videos that will assist you with that process, alternatively follow the instructions in this booklet.

It is important that your controller is set to the highest flow rate - refer to page 10 for instructions



Video instruction available
see inside for QR codes

Using the right method

Follow the table below to work out the best method for each installation.

SmartValve™ Installation Type	Commissioning		Priming Pump – Clearing Airlock	
	Method 1	Method 2	Method 1	Method 2a
	page 4	page 6	page 4	page 7

A. Flat mounted

In the loft	✗	✓	✗	✓
Under a bath*	✓	✓✓	✓	✓
Base level of Hot water cylinder*	✓	✓	✓	✓✓
Utilities cupboard on a shelf*	✓✓	✓	✓✓	✓

*If the only outlet is a drencher head or exposed model - Use Commissioning Method 1

B. Wall mounted

Any location	✓	✗	✓	✗
--------------	---	---	---	---

Available options ✓ Preferred option ✓✓ Do not use this option ✗

Method 1:

Instructions for commissioning and clearing an airlock are one and the same



It is strongly recommended to follow the below instructions before connecting the outlet pipework to the SmartValve™

Wall mounted installation shown for illustrative purposes



1. Ensure all plumbing isolation valves are fully open and the cold water storage tank is 100% full. Image depicts a typical wall-mounted SmartValve™ installation where the outlet pipework is rising to the outlet accessory in the bathroom.



2. Make a temporary connection to the outlet of the SmartValve™ and run a length of pipework in a downward direction. Suggestion: If the SmartValve™ is under a bath or access is challenging, use a suitable 15mm x 1/2" Male Coupler and a flexible shower hose.
3. Place the open end of the pipework / flexible hose into a large bucket or run to a location which allows for safe discharge of water (eg. bath or shower tray).



Installer Top Tip: If you are commissioning the shower by yourself, then shut the hot and cold isolation valves before starting the shower at the controller. After starting the shower you can return to the SmartValve™ and reopen the isolation valves, if the bucket fills and / or a steady flow is achieved, use the electrical isolation switch for the SmartValve™ to turn the shower off.

4. Set the controller to full cold temperature and maximum flow rate (refer to page 10).
5. Start the shower – for divert models ensure that the outlet with the temporary pipework is selected.
6. Wait for the system to prime and a steady stream of water to flow from the pipework, then turn the shower off.
7. Disconnect the temporary pipework and reconnect the outlet pipework.
8. Where applicable remove the handset from shower hose and lay the open end of the hose in the bottom of bath or shower tray.
9. If the outlet is a drencher head, then remove the drencher head from the arm to allow for an unrestricted flow.
10. Keep the controller settings to full cold temperature and maximum flow rate.
11. Start the shower, for divert models ensure that the lowest outlet is selected - in most cases this will be the flexible hose or the bath filler.
12. Wait for the system to prime and a steady stream of water to flow, then start to increase the temperature.
13. With the SmartValve™ now primed, where applicable divert to the other outlet, again making sure there is a strong and steady stream of water flowing.

Method 2:

Commissioning Instructions

Before starting the shower

1. Ensure all plumbing isolation valves are fully open and the cold water storage tank is 100% full.
2. Set the controller to full cold temperature and select the maximum flow rate (refer to page 10).

Adjustable head (handset and hose)

- Remove handset from shower hose and lay the open end of the hose in the bottom of bath or shower tray.

Drencher head (ceiling or wall mounted)

- Remove the drencher head from the fixed arm for an unrestricted flow.

Starting the shower

1. For divert models ensure that the lowest outlet is selected – in most cases this will be the flexible hose or the bath filler.
2. Wait for the system to prime (this can take up to 5 minutes, depending on type of installation) and a steady stream of water to flow, then start to increase the temperature.
3. With the SmartValve™ now primed, where applicable divert to the other outlet, again making should there is a strong and steady stream of water flowing.
4. Turn the shower off.

Possible Airlock

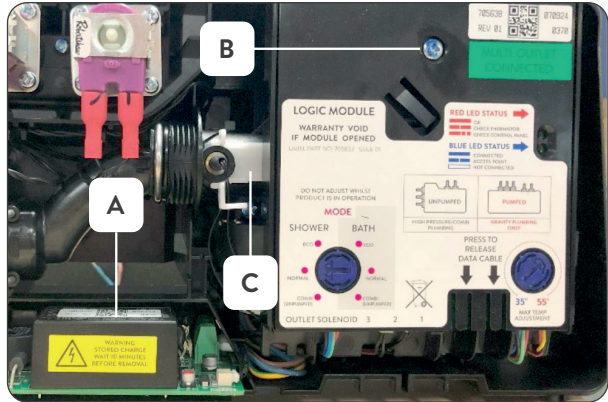
If you observe symptoms of low/no flow of water, it's an indication that an airlock is present and the instructions on page 7 (Method 2a) for clearing the airlock should be followed. In some cases, the procedure may need to be repeated.

Method 2a: Clearing an Airlock



Please note that following this process will NOT invalidate the warranty.

- A. Power pack. Keep water away from this and avoid contact.
- B. Logic module fixing screw.
- C. Thermistor and thermistor clip.

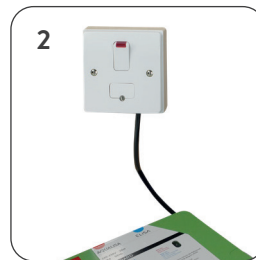


Before starting the shower

- Ensure all plumbing isolation valves are fully open and the cold water storage tank is 100% full.
- Set the shower controller to full cold temperature and select the maximum flow rate (refer to page 10).
- Adjustable head (handset and hose) - Remove handset from shower hose and lay the open end of the hose in the bottom of bath or shower tray.
- Drencher head (ceiling or wall mounted) - Remove the drencher head from the fixed arm for an unrestricted flow.



1 Start the shower using the controller.



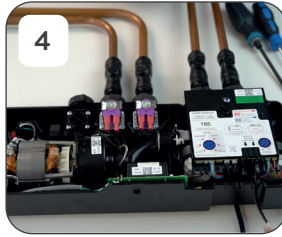
2 Turn off the power to SmartValve™ when it is running. If unplugging **do not** touch the pins.

What does this do?

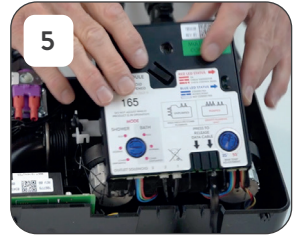
- Stops the SmartValve™ running, and the outlet solenoid/s will shut.
- Keeps the internal hot and cold valves of the SmartValve™ in an open state.
- Discharges the capacitors of the internal power pack within 20 seconds.



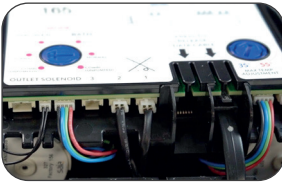
Close the hot and cold isolation valves.



Remove the cover from the SmartValve™.

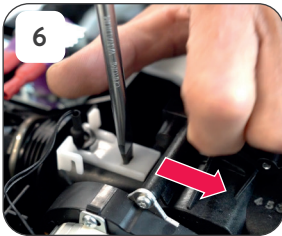


Remove the logic screw and fold the logic out of the way.

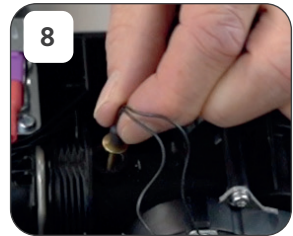


Installers Tip

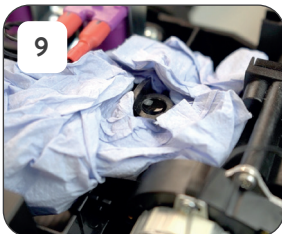
Make a note or take a photo of the wiring connectors to the Logic Module in case these become unplugged.



Insert a flat-bladed screwdriver into the slot of the white thermistor clip and lever across to unclip, then remove.



Carefully unplug the thermistor and place to the side. Take care not to dislodge the o-ring seal from the thermistor housing.

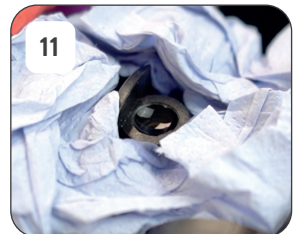


Place cloth around the thermistor housing and ensure the power pack is protected.



Observing the thermistor housing just partially open the cold water isolation valve $< \frac{1}{8}$ turn.

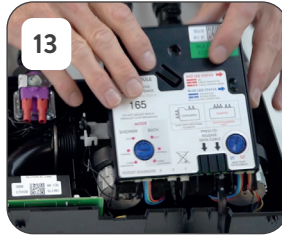
If no water flows, try the hot water isolation valve (exercise care of water at hot temperature).



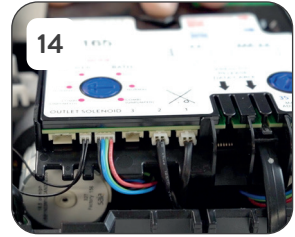
When water bubbles up, the pump has been primed. Shut the isolation valve. Repeat if the water level drops.



12
Check the o-ring seal is still seated in the thermistor housing. Plug the thermistor back in and re-fit the thermistor clip, ensuring the clip locks into position.



13
Refit the Logic Module and securing screw.



14
Ensure that all wiring connectors to the Logic Module have not come loose and are pushed home.

Final Stages

- Open the hot and cold isolation valves.
- Loosely re-fit the cover to the SmartValve™ and turn on power supply.
- Follow the commissioning steps in Method 2 on page 6.
- In some cases, the Clearing Airlock procedure may need to be repeated.
- For further advice contact our Customer Service Team. See back page for details.

Important Checklist

(after running the SmartValve™ and Airlock has been cleared).

- Turn off the power supply to the SmartValve™.
- Remove the cover from the SmartValve™.
- It takes 10 minutes from a normal powering off sequence for the capacitors in the power pack to discharge, if removing the cover before the 10 minutes ensure that no contact is made with the power pack and pump.
- Check to ensure the thermistor is still in place and for evidence of leaks.
- Re-fit and secure the cover and reinstate the power supply.

Setting Flow Rate

For Dual Outlet (divert) Half-Moon Button Controllers Only

Your dual outlet controller has a High flow or Low flow function available. Please note the factory default setting is Low flow on both outlets. To change the outlet flow rate settings, follow the instructions below.

1. Ensuring the Aqualisa® SmartValve™ 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.



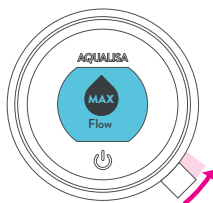
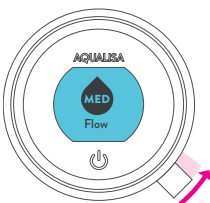
The LEDs will flash twice quickly and once slowly to indicate the controller is in 'Setup' mode.

2. When in 'Setup' mode, both outlet 'Start/Stop' button 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 the outlet flow 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.



For Dual Outlet (divert) Screen Controllers Only

From the Home screen you can adjust the flow during showering, by moving the lever left or right.



AQUALISA

Aqualisa Products Limited
The Flyers Way
Westerham Kent TN16 1DE

Aqualisa International
Jan Palfijnstraat 26/002
Kortrijk
Belgium 8500

Customer Helpline: 01959 560010
Brochure Hotline: 0800 652 3669
Website: www.aqualisa.co.uk
Email: enquiries@aqualisa.co.uk
Republic of Ireland
Sales enquiries: 01-864-3363
Service enquiries: 01-844-3212

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

The company reserves the right to alter, change or modify the product specifications without prior warning.

™ Trademark of Aqualisa Products Limited.

! IMPORTANT !



Commissioning Instructions

MUST be followed to ensure
full functionality