

Ensuring that the AQUAvalve5 floods and drains correctly

- 1 Making sure your AQUAvalve5 floods and drains correctly is simply achieved and only takes a few seconds.
- 2 Hold the AQUAvalve5 at eye level so that you can see the silicone fitted to the top float resting on the hole below it.
- 3 The silicone must create a tight seal when touching the hole.
- 4 If it looks like it is not sitting parallel on the hole below, simply lift the top float and apply pressure to one side of the silicone, drop the float and hold at eye level again. Repeat the procedure if necessary.

Care and maintenance

- 1 At the end of your growing season, clean the AQUAvalve5 using warm soapy water. Using an old tooth brush will help.

The AQUAvalve5 is easily disassembled. The top float will slide all the way across and the bottom float is unclipped from its pivoting position. The circular discs fitted to the top float can also be removed by using pliers to grip the raised point.

At this point it is advisable to remove the silicones to avoid them being lost.

- 2 It is also handy to have a paper clip or pipe cleaner to hand so that you can push it through the AQUAvalve5 nozzle, this will remove any lime scale build up that may have occurred during the growing season.

Blowing through the AQUAvalve5 nozzle will also help to remove any build up. Do not under any circumstances use a drill & drill bit to clear the AQUAvalve5 nozzle.

This will potentially damage the AQUAvalve5 beyond repair.

Your AQUAbox Spyder set-up guidelines



AQUAbox Spyder contents

- 1x AQUAbox Spyder Body
- 1x AQUAvalve5
- 1x Circular Spirit Level
- 1x 9mm top hat grommet
- 1x 2 metre length of 9mm pipe
- 1x 6 metre roll of capillary matting
- 1x 16 - 9mm Click-Fit Adapter & Filter

Plan views and options

Suggested setup

Each AQUAbox Spyder irrigates an area of up to 1.2m sq - multiple Spydres can be connected to serve larger beds





Advice


- For the majority of crops it is only necessary to use 6 of the capillary strips during growth. Set up your AQUAbox Spyder as instructed, with all 12 strips connected and buried below the surface. To disable half of the strips simply lift them up out of contact with the inside base of the AQUAbox and tuck aside. These strips can be used later in the season for heavy feeding crops such as tomatoes and pumpkins, to do so simply fold them back down into the lower part of AQUAbox Spyder.
- Having the strips sloping away from the Spyder on a slight downward gradient allows water to travel more easily.
- The lid of the Spyder should sit proud of the final soil level and remain uncovered to allow access if required. Keep the lid on the AQUAbox Spyder closed at all times, this will prevent rain from washing soil inside the Spyder.
- Once the Spyder is installed and the lid closed water the bed through using a hose or watering can. Allow the bed to drain, then plant up. Water the seeds/plants through again to bed them in.
- During periods of persistent rain turn off the AQUAbox Spyder at the reservoir.
- If your plants are small/young and have not developed a large root system the water can be turned on for a day and then off for 3-4 days. Once the plants have established themselves the water supply can be left on all the time.
- Pre-mixed growing media that includes feed will usually provide sufficient nutrition for up to 8 weeks. If using such media start adding liquid feed to your reservoir after the 6-8th week, following the manufacturers directions.
- Over time you will notice that the growing media will seem dry. There is no need to be concerned as the water is being supplied by the capillary matting below the surface.

AQUAbox Spyder setup

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Half fill your raised bed with grow media.
Create a mound in the centre that gently slopes down to the edges.
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Take the Spyder Body.
From the outside of the Body push the 9mm grommet into the hole in the Body wall.
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Take the 2m length of 9mm pipe.
Push approx 15cm into the Spyder Body through the grommet. Wetting the pipe end with cold water helps harden it, aiding insertion.
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Attach the AQUAvalve to the end of the 9mm pipe that you pushed into the Body.
To do so remove AQUAvalve collar. Push the 9mm pipe through collar and attach to AQUAvalve nozzle.
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Rescrew the AQUAvalve collar - **DON'T overturn...** when you feel it grip **STOP**
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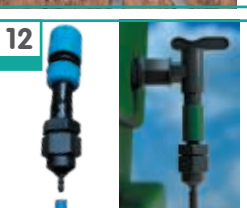
Remove any slack in the 9mm pipe by drawing excess out of the Spyder Body.
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Align the 'half moon' section on the rear of the AQUAvalve with the 'T' section in the Spyder Body. Firmly push the AQUAvalve onto the 'T'.
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Cut your 6m roll of capillary mat into twelve 50cm lengths. Thread the 50cm lengths into the Spyder Body from the outside. Tuck the inside ends behind the retaining tabs.
See Advice (opposite) for use.
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Firmly seat the AQUAbox Spyder Body in the centre of the mound you created in Step 1.
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Push the circular spirit level into the lid of the Spyder.
Close lid but **DO NOT COVER**
Adjust Spyder until bubble in the spirit level is centred.
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Cover the capillary strips, water the bed using a hose or can, and allow to drain.
Plant the bed up and water through again using a hose or can.
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Connect 9mm pipe to the 16-9mm Click Fit Adapter. Connect the Adapter to your reservoir.
Allow your plants to establish for 2-8 weeks before switching on

Depending on conditions allow your plants to establish for 2-8 weeks before turning system on

Advice

If you require any guidance email - mail@autopot.co.uk