

### 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.**

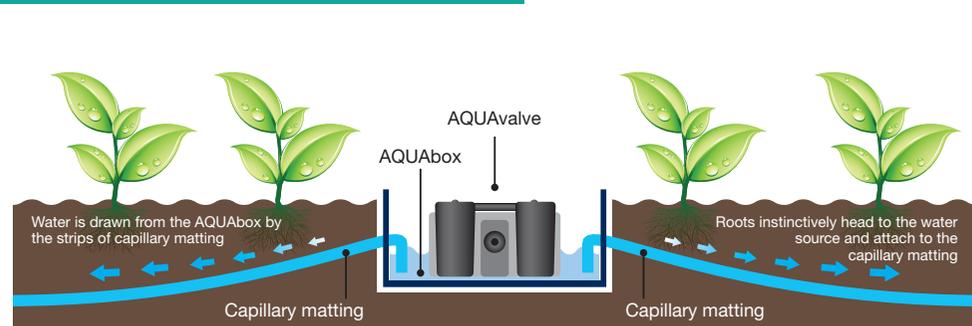


## AQUAbox Straight contents

- 1x AQUAbox Straight Body
- 1x AQUAvalve5
- 1x Circular Spirit Level
- 1x 9mm top hat grommet
- 1x 2 metre length of 9mm pipe
- 1x 1.2m strip of capillary matting
- 1x 16 - 9mm Click-Fit Adapter & Filter

## Plan views and options

### AQUAbox in operation



Each AQUAbox Straight irrigates an area of up to 1.2m sq

For best results ensure that your capillary matting strips slope slightly downwards as they spread out across the bed from the AQUAbox in order to ease the flow of water/nutrient solution.

### Advice

- Multiple AQUAbox Straights can be connected together to irrigate and feed larger areas whilst all running from the same reservoir. A simple cut to your 9mm pipe and the insertion of a 9mm connector allows you add extension sections of pipe leading to additional AQUAboxes. Visit [autopot.co.uk/product-category/fittings/](http://autopot.co.uk/product-category/fittings/) to view our full range of fittings and pipe.
- Having the strips sloping away from the Straight on a slight downward gradient allows water to travel more easily.
- The lid of the Straight should sit proud of the final soil level and remain uncovered to allow access if required. Keep the lid on the AQUAbox Straight closed at all times, this will prevent rain from washing soil inside.
- Once the AQUAbox Straight 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 Straight 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 Straight 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 AQUAbox Straight Body.  
From the outside of the Body push the 9mm grommet into the hole in the Body wall.
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Take the 1.5m length of 9mm pipe.  
Push approx 15cm into the Straight 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 AQUAbox Straight Body.
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Align the 'half moon' section on the rear of the AQUAvalve with the 'T' section in the AQUAbox Straight Body.  
Firmly push the AQUAvalve onto the 'T'.
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Cut your length of capillary matting into two equal pieces and thread in on both sides of the AQUAbox Straight Body
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Tightly roll **both** inside ends of the capillary matting and tuck into the AQUAbox alongside the AQUAvalve.  
Ensure the ends touch the base of the AQUAbox body.
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Seat AQUAbox in centre of mound created in Step 1.  
Push the circular spirit level into the lid of the Body. Close lid but **DO NOT COVER**  
Adjust Body 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](mailto:mail@autopot.co.uk)