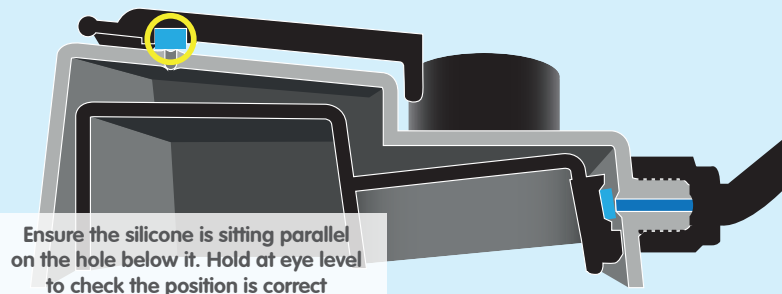


AQUAvalve5™

Simple care guidelines



Ensure the silicone is sitting parallel on the hole below it. Hold at eye level to check the position is correct

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 4Pot system set-up guidelines



4Pot system contents

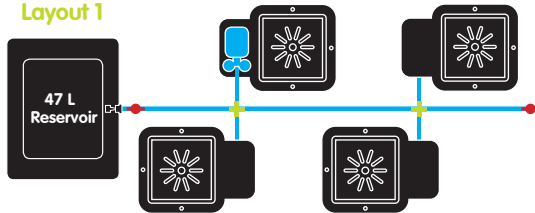
- 1x 47 L reservoir and lid
- 4x 1Pot tray and lid
- 4x 15 litre pot
- 4x AQUAvalve5
- 5x 9mm top hat grommet
- 1x 9mm golf filter
- 2x 9mm inline tap
- 4x 9mm tee connector
- 2x 9mm cross connector
- 4 metres of 9mm pipe
- 4x marix disc
- 4x root control disc

Plan views and options

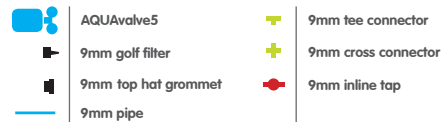
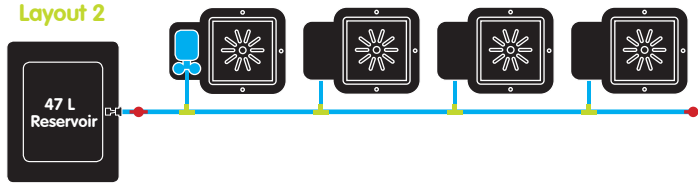
Reference: 9mm pipe - Outside ø 9mm/Inside ø 7mm

Suggested layouts

Layout 1



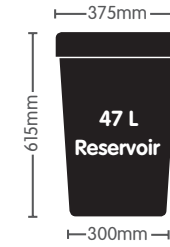
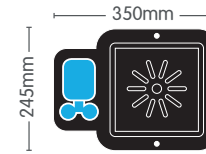
Layout 2



Advice

- Pot up your plants, water through, then allow your plants to establish in the pots for a period of 7 to 10 days before turning your system on. This will encourage a stronger and healthier root system.
- Always raise your reservoir to a minimum of 150mm above the highest AQUAvalve and re-fill the reservoir when there is approximately a 1/3 of the solution left - NEVER ALLOW THE RESERVOIR TO RUN EMPTY.
- With AQUAvalve5 systems mineral or organic fertilisers may be fed via the reservoir and pipework. Organic fertilisers will require a water pump in the reservoir running for 15 mins every 2 hrs and cleaning of the reservoir, pump, and filter each time the reservoir empties. Flush pipework with plain water every time the reservoir empties.
- Clean all substrate from the bottom and sides of the pots before placing in trays to ensure AQUAvalve functionality.
- Always use free draining substrates, for example: soil/perlite, coco/perlite, soil/clay pebbles, coco/clay pebbles, rockwool/clay pebbles.

1Pot dimensions



4Pot setup instructions

- Put one (all-black) marix disc into each pot
- Put a 25mm / 1" layer of washed gravel or pH-stabilised clay pebbles in the base of each pot, then fill the pots with grow media and pot up plants.
Water through the pots and set aside to drain (outside the trays).
- Take a 1Pot tray. From the outside push a 9mm top hat grommet into the hole in the tray wall. Thread approx 30cm of 9mm pipe into the tray through the grommet.
- Attach an AQUAvalve to the end of the pipe that you threaded into the tray. To do so remove AQUAvalve collar. Push the 9mm pipe through collar and attach to AQUAvalve nozzle.
- Rescrew the AQUAvalve collar - **DON'T** overturn... when you feel it grip **STOP**. Remove any slack in the 9mm pipe by drawing excess out of the tray.
- Align the 'half moon' section on the rear of the AQUAvalve with the 'T' section in the tray. Firmly push the AQUAvalve onto the 'T'.
- Position the tray so that it is level. Place a (gold and black) root control disc into the tray **Gold face up**
- Cut 9mm pipe to an appropriate length. Then repeat Steps 3-8 for each of your trays. Use the 9mm Tee or Cross Connectors to create your desired layout - see Suggested Layouts opposite
- Push a 9mm top hat grommet into the reservoir, then push 9mm pipe through the grommet
- Inside the reservoir push the 9mm filter into the 9mm pipe that you threaded in.
- Insert the 9mm inline taps into the pipework as indicated on Suggested Layouts (opposite)
- Place the pots into the trays, make sure they are **CLEAN!** Place the lids onto the trays.

Allow your plants to establish for 7-10 days before turning system on

Advice

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