

### 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 100Pot system set-up guidelines



Allow your  
**plants**  
to establish  
before turning your  
system on.



## 100Pot system contents

- 1x 750 litre FlexiTank
- 100x 1Pot tray and lid
- 100x 15 litre pot
- 100x AQUAvalve5
- 100x 9mm grommet
- 1x 16mm click-fit filter
- 5x 16mm inline tap
- 2x 16mm tee connector
- 1x 16mm X connector
- 50x 16-9mm X connector
- 40m of 16mm pipe
- 50m of 9mm pipe
- 100x marix disc
- 100x root control disc

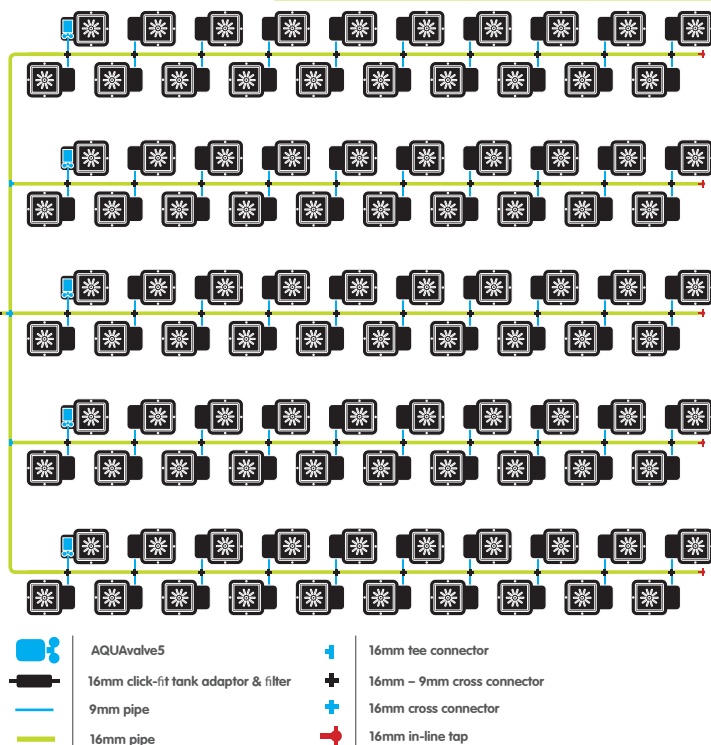
## Plan views and options

Reference: 9mm pipe - Outside ø 9mm/Inside ø 7mm    16mm pipe - Outside ø 16mm/Inside ø 13mm

### Suggested layout

System requires minimum 750 litre FlexiTank (supplied)

**750 Ltr FlexiTank**  
Elevate tank 150mm from floor to maintain gravity pressure



### 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



## 1Pot setup instructions

- 1** Put black marix disc in pot
- 2** Fill pot with medium and pot up plants. Water through pot and allow to drain outside the tray.
- 3** From outside of the module tray push 9mm top hat grommet into the hole in the module tray wall. Thread approx 30cm of 9mm pipe into the tray through the grommet.
- 4** Remove AQUAvalve collar. Push 9mm pipe through collar and attach to AQUAvalve nozzle. Rescrew collar - **DON'T overturn...** when you feel it grip **STOP**
- 5** Remove any slack in the 9mm pipe by drawing excess out of the tray.
- 6** 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'.
- 7** Position tray so it is level. Insert root control disc **Gold face up**
- 8** Cut 9mm/16mm pipe to appropriate length
- 9** According to the size of your system connect your 9mm/16mm pipe to relevant fitting or tank...
- 10** Place pot in the tray, make sure it is **CLEAN!** Place lid over valve onto tray

Using your front instruction sheet, repeat the module set up instructions for the number of 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](mailto:mail@autopot.co.uk)