

AutoPot Basics

How the valve works

The AquaValve is supplied with every AutoPot Watering System. Once connected to the water supply, the AQUAvalve will control the flow of water to the plants by simple gravity pressure from a reservoir or tank of any size. No pumps, mains water pressure, electricity or timers are required. Once connected to a reservoir the AQUAvalve will open and allow water to fill the tray to a pre-set level of 20mm. It then forms a suction with the plastic tray to keep the valve closed. Once the water level drops below the level of the valve the suction will break.

The AQUAvalve will not refill the tray until all the water has been used; this ensures that the plants are not constantly sitting in water. Once all the water has been used by the plants the AQUAvalve will re-open and refill the tray.

The AQUAvalve is a simple and very effective watering device, treated with care it will feed and water your plants for many years. Keep the AQUAvalve clean and ensure the tray the valve sits in is clean, free of obstructions, soil particles.

Potting up

Potting up the AutoPot system is simple and easy. Follow these simple steps to success.

1. Place the black marix square into the pot
2. Fill 2.5-5cm at the base of the pot with washed pea gravel, perlite or expanded clay balls. **No higher than 5cm**
3. Fill the remainder of the pot with the soil / coco / perlite mix or Clay ball mix of your choice.
4. Transplant the young plant into the pot
5. Water the young plant outside of the tray and allow to drain for 15minutes
6. Clean the bottom and side of the pots
7. Place the copper / gold Root Control Disk into the tray - Gold side up
8. Place in the AutoPot tray
9. Top water / feed for the first 7-10 days to allow the plants to establish
10. Once established turn the system on

Only good clean mineral fertilisers should be used in the AutoPot reservoir.

Top Tips

- Always make sure your AutoPot is on a level surface
- Never position your AutoPot on a cold concrete floor
- For optimum flow position your reservoir 15cm above the level of your pots
- Never let your reservoir run empty - always refill when about 1/4 full.
- When refilling ensure you use the taps at the end of your pipes to flush the system with clean water. Every 3rd or 4th refill, half fill the tank with fresh water and leave for approx 24 hours
- Ensure the trays are clean. Periodically wipe any roots from the base of your pots and clean the trays.
- Turn the tap off when adding fertilizers to the tank. Adjust to the correct amount of feed and pH if required. Let it settle before opening the taps again

- Check the feed requirement for your plant. Not all plants require high levels of feed. Check out this Feed chart if you are unsure
- Always check your filters when refilling the reservoir tank and clean these at least every 3 weeks
- If using Air Domes do not turn these on straight away. Always allow the plant to establish for 2-3 weeks before turning them on. Make sure the air blowing into the root zone is warm

Troubleshooting

I've got a leak!

- Check the Taps, Pipe joins and Filters
- Check the valve is seated properly on the T in the tray
- Check the Tray is level, no debris is in the tray or roots blocking the AquaValve
- Check the Silicon Dots in the valve are there, clean and level
- Check the pipe is not tight going into the tray and holding the valve up

My plants are dry

- Check the taps are on
- Check there are no blockages by flushing fresh water through the pipework
- Does the media/soil you have used in the pots have enough fibre to retain water?