



**Power-free automatic watering
systems for the greenhouse,
patio, balcony & allotment**



**Manufactured in the
United Kingdom from
recycled plastic**

Introduction

AutoPot Watering Systems are suitable for **all growers and all crops**. Whether you're growing in a **greenhouse, on a balcony, patio, or an allotment**, we have an irrigation solution for you.

All our systems operate **power free, with no running water required**. Instead they are gravity fed from a reservoir of any size and **can be left unattended for many weeks**.

In AutoPot Watering Systems water and liquid fertiliser are supplied via pipework from a reservoir to a specially designed tray. Within that tray sits one of our pots for your plant and an **AQUAvalve, our patented water control device**.

The AQUAvalve will allow water to enter into the tray to a depth of 20mm and will not reopen until your plant has consumed all the previously supplied water.



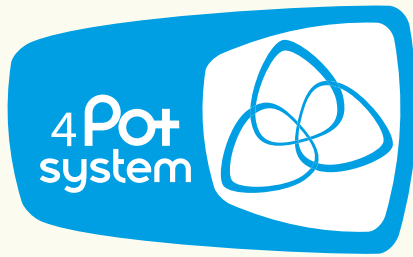
AQUAvalveTM

Why use our watering systems?

- ☞ **Plants automatically receive water and fertiliser from a reservoir as and when required.**
- ☞ **No more daily watering, AutoPot Watering Systems can be left unattended for weeks.**
- ☞ **No electricity, pumps, timers, computers, or running water are required.**
- ☞ **Grow anywhere... AutoPot Watering Systems are easily connected to a reservoir of any shape or size and are simply gravity fed.**
- ☞ **One of the most water efficient irrigation systems worldwide.**
- ☞ **Environmentally sustainable, no water or fertiliser is ever lost.**
- ☞ **AutoPot can be used to grow any crop variety whether edible or ornamental.**
- ☞ **Join gardeners in over 60 countries around the world and grow your own effortlessly, the AutoPot way.**



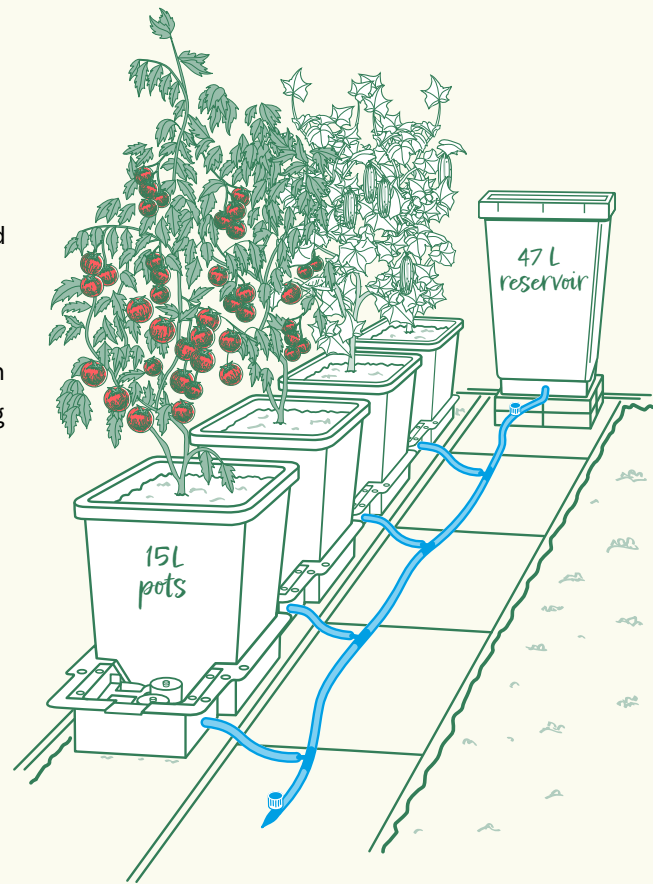




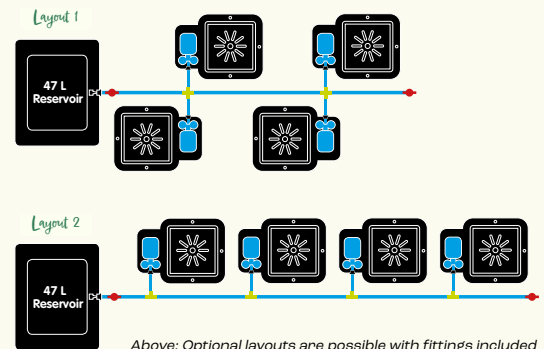
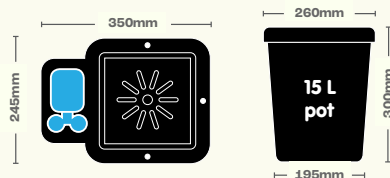
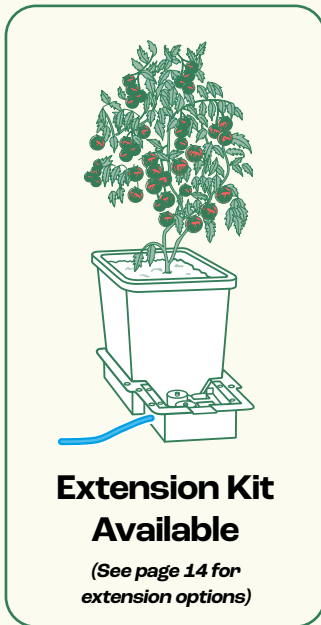
The 4Pot System combines **ease of use and minimal labour** with the capacity to grow exquisite, fruitful, and even prize winning plants.

This **fully-automated, power-free, gravity-fed** watering system takes the hassle and strain out of day to day watering, allowing you to try new techniques and hone your horticultural skills.

With **no need for electricity, pumps or timers** you're free from the constraints of a power source. This makes the 4Pot wonderfully **flexible** and gives you the option to **arrange pots virtually at will**.



Above: 4Pot is easily extendable, up to six plants can be irrigated by a 47L reservoir - beyond six plants increase reservoir capacity according to the size of your layout



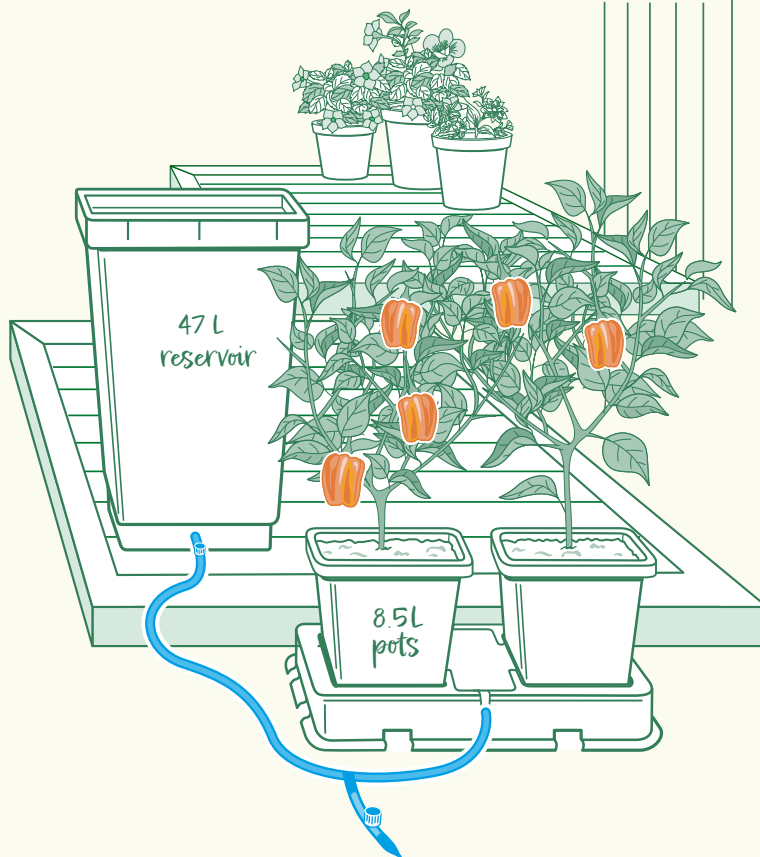
Above: Optional layouts are possible with fittings included



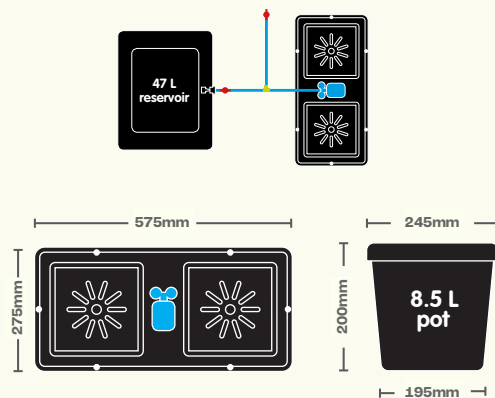


Trusted by our closest friends, esteemed hobby growers, and national champions alike, the easy2grow kit waters and feeds **power-free** to produce superlative fruit, vegetables and flowers.

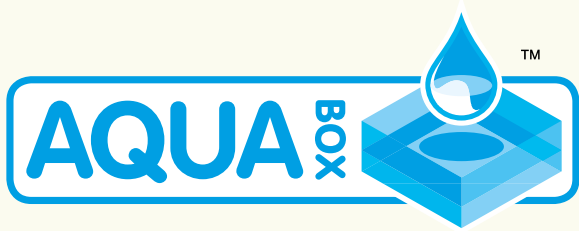
Like all AutoPot Watering Systems, easy2grow is **gravity fed** and requires **no electricity** whatsoever. This allows it to be used with ease in the **greenhouse**, in the **garden** and on **patios**, or **balconies**.



Above: easy2grow kit is easily extended, up to six plants can be irrigated by a 47L reservoir - beyond six plants increase reservoir capacity according to the size of your layout



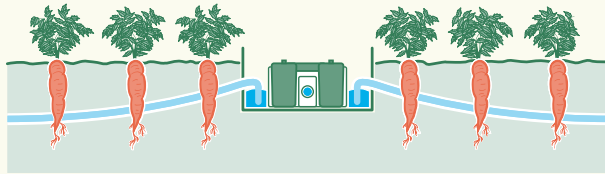




AQUAbox incorporates the AQUAvalve technology used throughout the AutoPot range and uses it to **automatically water a large growing area** rather than a single plant pot.

Ideal for **raised beds, planters, and allotment plots**, AQUAbox is placed directly in the ground and distributes water to the surrounding soil using strips of capillary matting.

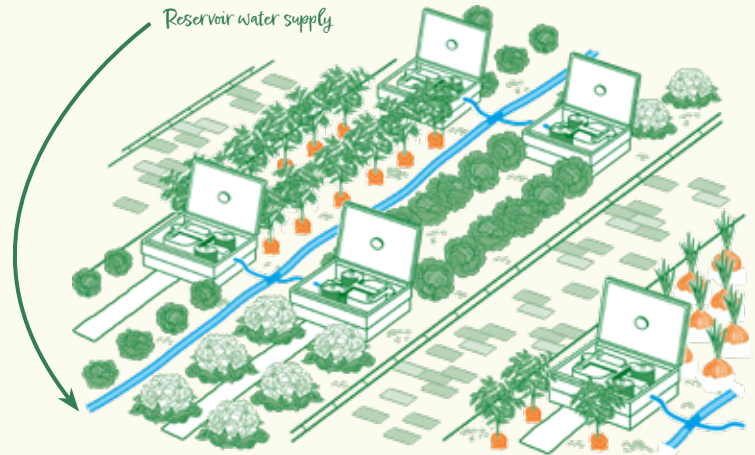
AQUAbox - How It Works



The AQUAbox is connected to your reservoir. The capillary strips attached to the AQUAbox wick water from the AQUAbox out into the surrounding soil. **Plant roots seek out the water source**, attach to the strips, and proceed to draw water from the AQUAbox as and when they require it. **Fertilisers can also be introduced via the AQUAbox**. There are **two products** in the AQUAbox range: **AQUAbox Straight** and **AQUAbox Spyder**.

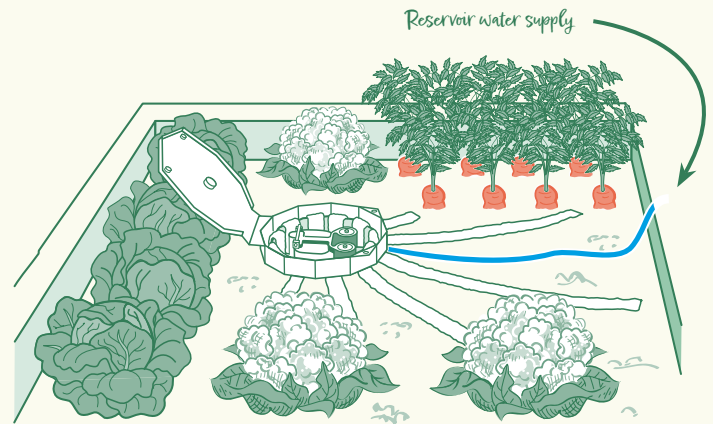
The AQUAbox Spyder and Straight can be easily extended, up to 2 AQUAboxes can be irrigated by a 47L reservoir - beyond 2 AQUAboxes, increase reservoir capacity according to the size of your layout. (See page 16 for extension options)

AQUAbox Straight for narrow raised beds, planters, and allotments. Each irrigates a growing area up to 1.2 m in length.



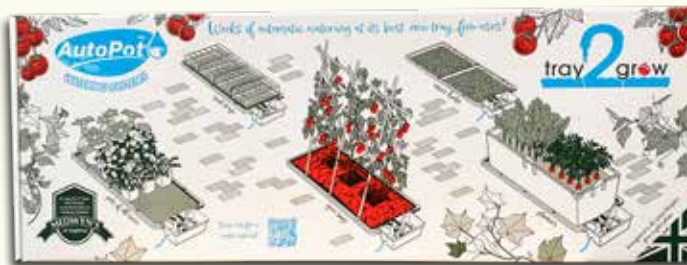
Above: With AQUAbox Straight capillary matting is laid just under the surface in straight lines. Multiple AQUAboxes (Straight or Spyder) can be connected to the same supply.

AQUAbox Spyder for large raised beds and allotment plots. Each Spyder irrigates a growing area of up to 1 m sq.



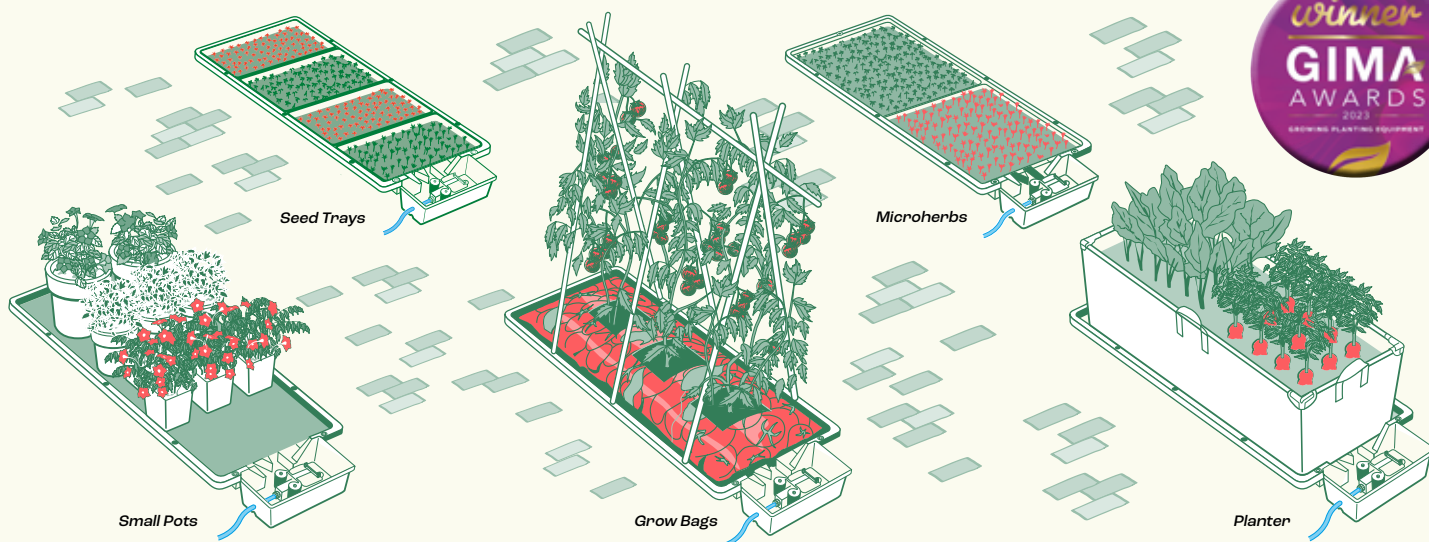
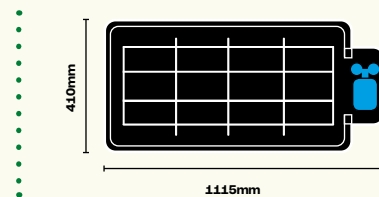
Above: For AQUAbox Spyder capillary matting is laid just under the surface, fanning out in a full or partial circle - allowing you to water to your space exactly as required.





Unchecked horticultural adventurism wherever you grow. **Tray2Grow** is the **automated, power-free** watering system that offers **five ways** to **irrigate** and **feed** your plants. **Seed trays, pots, grow bags, micro herbs, and planters**, can each be accommodated, making this the **most versatile** automatic watering system in the AutoPot range.

Equipped for every eventuality, Tray2Grow **includes optional capillary spikes** that can be fitted to the inside of the tray. These **pierce the underside of a grow bag**, allowing you to irrigate the substrate within. With the **spikes removed and capillary matting in place** Tray2Grow can take up to four standard sized seed trays, two micro herb trays, any number of bottom-perforated or bio pots, **or our 107.5 L framed fabric planter**.



Above: Once set up Tray2Grow measures just 111.5 cm long x 41 cm wide, offering you a garden wherever you grow. Simply connect to your reservoir (see page 16 for extension options)



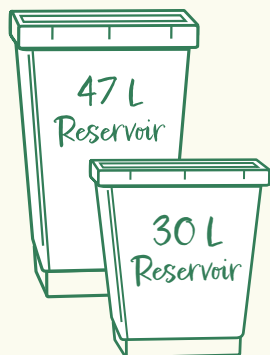


Turn **any gardening tray** into an **AutoPot System!** Assembled in minutes and containing all the fittings required to connect to a reservoir, the **easy2GO Kit** will keep your plants **automatically watered and fed** whilst you're away on holiday.



Simply connect to your reservoir
(see page 15 for extension options)

Connected to your reservoir and placed onto the tray along with your potted plants, easy2GO **regulates the supply of water and, if desired, plant fertiliser.** Only when the water or fertiliser solution in the tray is used up does easy2GO allow a fresh supply to enter, making this an **ideal solution to holiday watering.**

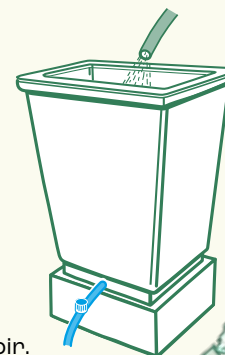


Reservoirs

We offer 30 litre and 47 litre **reservoirs**, ideal options for **Tray2Grow, easy2GO, AQUAbox Spyder or AQUAbox Straight.**

100% U.K. manufactured from recycled plastics, these are ready-drilled for AutoPot fittings.

Ideal for keeping water temperatures stable, our new Reservoir Heat Shield is a reflective jacket specially designed for the 47L reservoir.



Extending your system

Our **4Pot** and **easy2grow** systems are easily expanded using **Extension Kits**. These easy-to-use add-ons include all of the fittings required to create a larger, custom layout that perfectly suits your growing space.

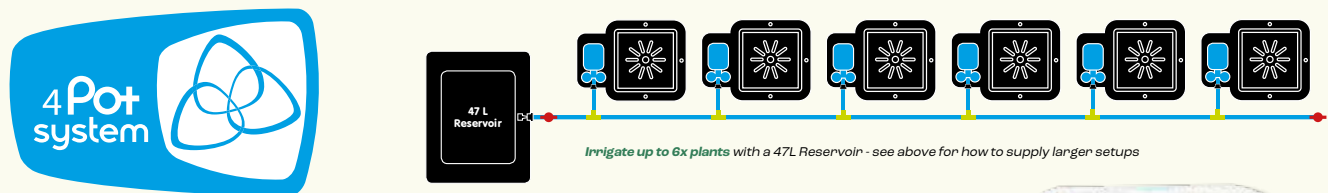
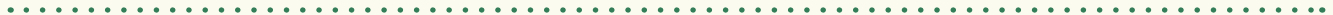
Multiple **Tray2Grow's**, **easy2GO's**, or **AQUAboxes** can also be connected and run from a single reservoir.

When extending your system **always ensure you have sufficient reservoir capacity**.

A 47L reservoir (supplied with 4Pot Systems, easy2grow Kits, and available separately) can be used to supply either:

6x plants when used with an extended easy2grow / 4Pot or **3x easy2GO Kits**, or **3x Tray2Grow**, or **2x AQUAboxes**.

Beyond these limits you'll need to **increase reservoir capacity** according to the size of your layout. We offer a full range of larger reservoirs, larger gauge pipework, and the right fittings to allow you to create layouts of virtually any size. With larger reservoirs, you simply attach a 16mm click-fit filter and adapter to the reservoir tap and run **16mm pipe (standard hosepipe) from the reservoir**. You then use 16-9mm reducer fittings to run 9mm pipe off to the pots and trays.

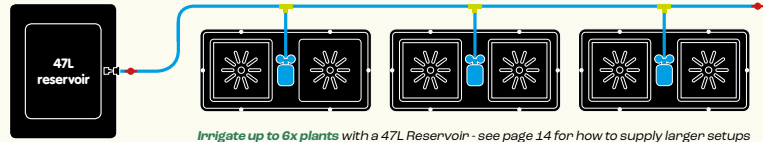


1Pot Extension Kit

It's the responsiveness to mixed crop types that makes an extended 4Pot System such an attractive proposition. Because every tray contains its own AQUAvalve you can very easily grow a mixed selection of varieties or plant types in one system.



All your kits may be connected to the same reservoir but each plant is able to draw exactly what it needs independently. This means harvests that fulfil a plants potential every time and no complications or compromises in your watering regime.



Irrigate up to 6x plants with a 47L Reservoir - see page 14 for how to supply larger setups

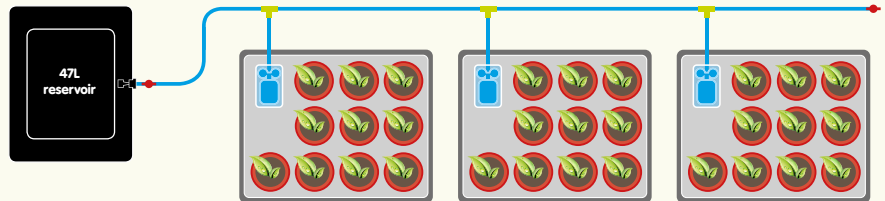
easy2grow Extension Kit

If ever there's a system ripe for extension it's easy2grow.

The compact pots and trays allow you to get a surprising number of kits into a small space. Because of this a great many newcomers to AutoPot who choose easy2grow quickly look to expand. The attractions of a larger easy2grow system don't stop there though.

Set end-to-end the kits are ideal for vine crops. AutoPot gardeners commonly use easy2grow to create long runs that mutually support superb harvests of tomatoes, cucumbers, melons, and peppers.

The low-level pots are also great for bushy varieties. So if your space is square, rectangular or irregular easy2grow provides an easily accessible option.



Irrigate up to 3x easy2GO Kits with a 47L Reservoir - see page 14 for how to supply larger setups

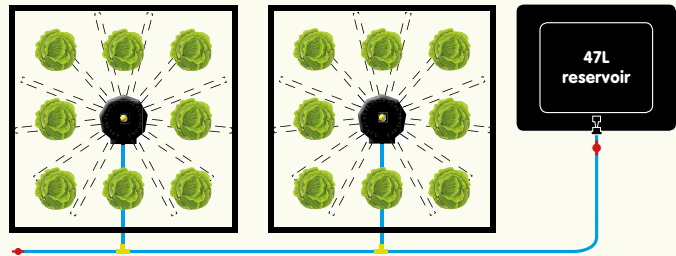
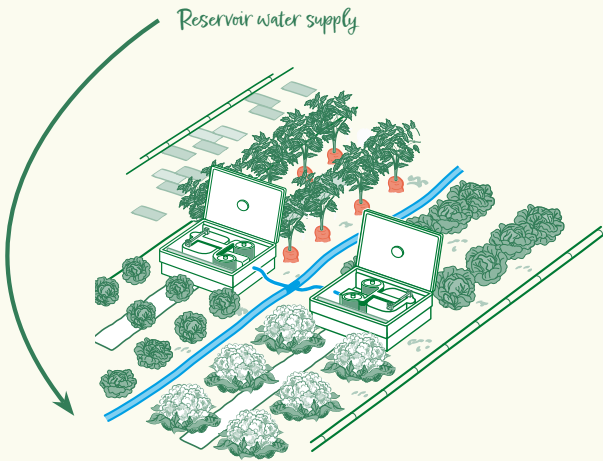
Extending easy2GO

easy2GO is really the essence of AutoPot, just the AQUAvalve plus a few little extras to allow you to use any garden tray to automate your plant irrigation and feeding. Used individually the kits are great for holiday watering of potted plants. If you have a large number of pots and trays that you want to supply from just one reservoir then easy2GO can easily be extended to do just that. Using the fittings included in each kit you can quickly create a self-watering, multi-tray garden, allowing you to kick back, safe in the knowledge that everything is taken care of.



Extending AQUAbox

The flexibility of AQUAbox really lends itself to the creation of extended systems across all kinds of spaces. As the capillary matting strips that do the watering can be laid in various patterns and cut to size you can reach every corner of your beds, planters and plots. All that's required is the addition of a few simple fittings in order to join multiple AQUAboxes up to one reservoir.



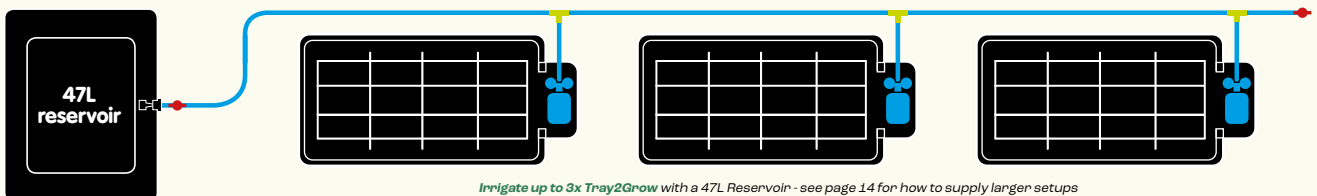
Irrigate up to 2x AQUAboxes with a 47L Reservoir - see page 14 for how to supply larger setups



Extending Tray2Grow

Ideally sized for greenhouse shelves, racking, or even Danish trolleys, it's small wonder that gardeners are easily tempted to add another, another, and maybe just one more Tray2Grow to an existing system. And that's before we even get to the plethora of growing options Tray2Grow offers.

Whilst it's perfectly possible to adjust Tray2Grow throughout the season for a different one of it's five uses, many growers simply don't want to wait that long. And there's really no reason to wait when multiple kits can be connected. You can water seeds, micro herbs, pots, planters, and growbags all at the same time with a multi-kit system running from one reservoir.



Irrigate up to 3x Tray2Grow with a 47L Reservoir - see page 14 for how to supply larger setups

All Purpose Plant Food

A **mineral plant fertiliser** of the **highest quality**, developed through years of experience and tailored to complement our watering systems; AutoPot All-Purpose Plant Food is everything we could ask for in a nutrient.

As gardeners ourselves, we at AutoPot know that our growers will have their favourite means of feeding plants, they will tinker and they will have their constant values.

A vast range of mineral feeds are usable in AutoPot Watering Systems.

What we will say is that our All-Purpose Plant Food is **optimised for use with AutoPot**; a simple to use, **one-part fertiliser** that is suitable for all stages of growth, that dilutes properly, remains stable in solution and leaves absolutely minimal sediment. High performing, reliable and tested in the systems that we love; for us AutoPot All-Purpose Plant Food ticks all the boxes.



Available in 1 L & 300ml sizes



FAQ's



If no pumps or electricity are required then how is the water and liquid fertiliser supplied from the reservoir to the systems?

In AutoPot Watering Systems the water and/or fertiliser solution is supplied from the reservoir solely by gravity pressure.



How do you create gravity pressure?

Gravity pressure is generally created by raising your reservoir to a height of 6" / 15 cm above the level of your system.

However, if all your plants are no more than 2-3 meters away from the reservoir, then the reservoir can be positioned directly on the floor at the same level as the plants. The fill level of the reservoir relative to the proximity of the system will create enough gravity pressure as long as the reservoir is kept topped up and doesn't drop below a third full.



I already have my plants nicely potted, and a reservoir within easy reach, I just want something to water and feed the plants whilst I'm away, what's my best option?

The easy2GO Kit will work perfectly. You just need a flat-bottomed garden tray with a depth of 30mm or more in which to stand your pots. Position the tray on a hard surface and ensure it is level using a long spirit level. Position your easy2GO Kit anywhere inside the tray and connect it to the pipe supplied with the kit.

Connect the other end of the pipe to a reservoir or water holding container of suitable size. All the fittings required to make such a connection are supplied with the kit.

Place your plant pots inside the garden tray, fill the reservoir with water and (if required) fertiliser. Once set up the easy2GO Kit will automatically allow water to flood the tray to a depth of 20mm. Once the plants have consumed all the water in the tray the easy2GO Kit will automatically open to re-fill the tray. Suitable for pots of 8L capacity or more.



Sometimes in the height of summer the water in my reservoir can get warm, how do I combat this?

If you find that the water temperature in your reservoir is increasing there are several easy ways to keep it in check. Topping the reservoir up more regularly can certainly help, as can a reflective cover to stop direct sunlight hitting the reservoir. If it is inside a greenhouse try moving the reservoir outside where it will generally be cooler. Finally, a frozen bottle of water can be placed inside the reservoir to help reduce the water temperature.



Can I add liquid or water soluble fertiliser to the reservoir so my plants are automatically watered and fed at the same time, and can one liquid fertiliser feed a variety of plants from the same reservoir?

I like to grow a variety of greenhouse crops ... such as tomatoes, chillies and cucumbers.

Most standard composts or soils from your garden centre have around 3-6 weeks of feed/fertiliser blended within the bag. This means that plain water can be supplied to the plants from the reservoir at the beginning.

After 3-6 weeks start adding liquid fertiliser to the reservoir at half strength as directed in the instructions.

As the plants grow and flowers/trusses start to appear you should gradually increase the fertiliser levels over 4-8 weeks until you reach full strength. Generally, most liquid or water soluble fertilisers will adequately provide a balanced diet for most plants edible or ornamental, allowing you to feed them all automatically from the same reservoir. AutoPot All-Purpose Plant Food is an ideal choice. This single part liquid fertiliser has been specifically developed for use with AutoPot. It provides a balanced diet for the plants in all stages of growth.



When should I switch my watering system on?

We don't recommend that you switch your system on immediately. During the setting up process the plants should be watered through thoroughly. Once this is done they should be left to establish before opening the tap on your reservoir, thereby switching the system on. There will be plenty of moisture in the pots, or in the earth, to sustain the plants.

Weather has a strong influence on when you should finally switch on. The establishing period can vary between 7-28 days. Your best guide is to feel the weight of the pots. If heavy leave a little longer, if lightening then switch on.

If in doubt you can turn on for 30 min every 4-5 days and then turn off. Once you are happy the plants are established and starting to grow vigorously the system can be turned on permanently.



How can I extend my existing watering system?

All AutoPot Watering Systems are easily extended by means of our extension kits. All such kits are supplied with pipework and an assortment of fittings for easy connection to an existing watering system.

If you intend to grow 6 plants or more, we recommend that you use a larger reservoir and supply water to the plants via larger gauge pipework. AutoPot supply all required fittings and pipework to facilitate this with ease.




How level do AutoPot Watering Systems need to be?

All AutoPot Watering Systems should be positioned as level as possible. This is especially important when using large trays such as the Tray2Grow. To ensure that trays are level sit them on a firm / hard surface and use a long spirit level across the length and width of the tray. This will provide even distribution of water and fertiliser inside the tray.



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“

AutoPot fits perfectly with my busy life. The clever, power-free design waters and feeds the plants as and when they need it, saving not only valuable time, but also water and fertiliser.

..... ”

**13-time RHS Chelsea
Gold Medal Winner
Medwyn Williams, MBE**

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