



# Brochure

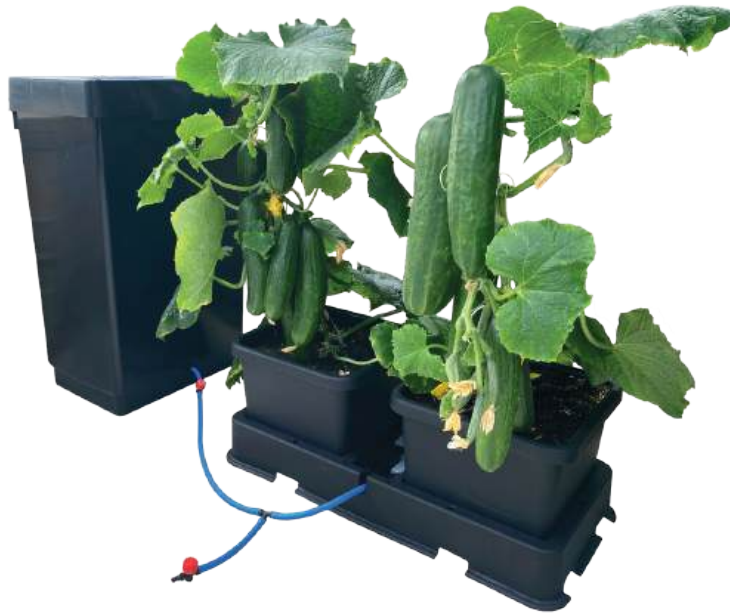


Endorsed by





# WELCOME TO AUTOPOT



From the greenhouse in your garden to acres of commercial glasshouses, AutoPot can provide any grower of any ability with a watering system, large or small, that will far exceed their expectations.

Thanks to our patented AQUAvalve technology, AutoPot is the only watering system in the world where each individual plant controls their own irrigation and receives fresh nutrient enriched water exactly when they need it.

By consistently meeting the plants requirements, growers using AutoPot achieve even growth across the entire crop.



## WHY USE OUR WATERING SYSTEMS?

- » Healthier, heavier yielding plants that receive fresh water and feed whenever they need it
- » No more daily watering, the system can be left unattended for weeks
- » All our systems operate without electricity, pumps, timers or mains water
- » Proven to be one of the most water efficient irrigation systems worldwide
- » Environmentally sustainable, no water is ever lost
- » Adaptable and easily extended in minutes

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A RANGE FOR EVERY KIND OF PLANT IN EVERY KIND OF GARDEN

ENDORSED BY THE ROYAL HORTICULTURAL SOCIETY (RHS)

THE ONLY AUTOMATIC PLANT WATERING SYSTEMS TO BE RHS ENDORSED



## FOR EVERY GARDEN

Endorsed by the UK's leading gardening charity, the Royal Horticultural Society (RHS), our 'RHS Collection' includes a range of automatic plant watering systems for every kind of plant, in every kind of garden.

These gravity-fed, power-free, zero-waste irrigation solutions can help you achieve the garden of your dreams whether you grow in-earth, indoors, in a greenhouse, on a patio, or on a balcony.

## A UNIQUE ENDORSEMENT

As producers of the only automatic plant watering systems to be endorsed by the RHS, we're delighted that our products have been recognised for their unique qualities. AutoPot Watering Systems make gardening accessible, sustainable, and enjoyable for everyone.

The RHS's vision is a world where gardening is embraced as a way of life – a source of joy and fulfilment, building healthier lives, stronger communities, and thriving environments.

## GARDENING FOR ALL

"These systems are not only good for the environment but are also cost-saving and highly efficient – big pluses for both gardeners and the RHS. They support making gardening accessible to all, whether in a greenhouse or on a patio, balcony or allotment.

All of which adds up to a wonderful growing and sustainability story that we are delighted to support." - Cathy Snow, RHS Licensing Manager

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# THE RHS COLLECTION



- Immense scope and versatility
- Features four 15L / 3.9 gal pots
- Includes 47L / 12.4 gal reservoir



- Incredibly compact design
- Features two 8.5L / 2.2 gal pots
- Includes 47L / 12.4 gal reservoir



- Create layouts for any space
- Easy-to-use add-on for 4Pot System
- Includes all fittings required to connect



- Easy-to-use add-on for easy2grow Kit
- Includes all fittings required to connect
- Ultra-compact two-pot design



- Can automatically water and feed seed trays, pots of all sizes, micro herbs, grow bags, or a fabric planter



- Turns any tray into a watering system
- Perfectly preserves potted plants
- An ideal solution to holiday watering



- Automatic watering for in-earth growers
- Perfect for narrow beds and plots
- Placed in the ground and connected to a reservoir



- Automatic watering for in-earth growers
- Perfect for wide raised beds and plots
- Placed in the ground and connected to a reservoir

# WATERING SYSTEMS

# Khloris

Khloris is the first automatic, power-free, fully-responsive plant watering system to be designed for living rooms, balconies, and conservatories.

It combines a tasteful, sculpted, interior-friendly aesthetic with highly effective, easy-to-use irrigation technology.

This RHS Endorsed system puts an end to hand watering and gives plants full control of their own irrigation - they can draw what they need, when they need it, and thrive. All of this, whilst requiring no electricity or mains water.



A complete growing system just add plants, water & media



Ideal for balconies & conservatories



No more daily watering, leave unattended for weeks



Easy, tool-free assembly and low maintenance



Requires no mains water, electricity, timers or pumps



Suitable for all plant types



SCAN TO FIND OUT MORE





Available in three colours



Copper



Blackberry



Sage



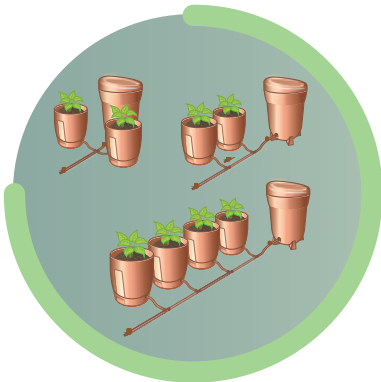
## A Living Space, For Any Living Space

Want to grow stunning, long-living, diverse houseplants with ease? The kind of eye-catching varieties that can transform even a small indoor or balcony space into an other-worldly green haven? Khloris can help you do all this, and more.

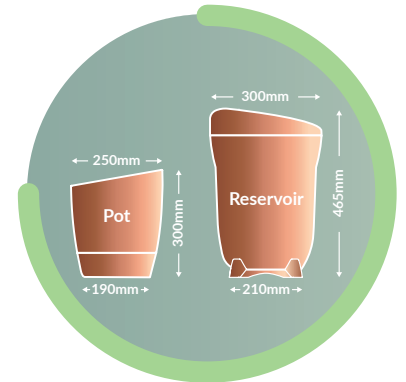
The system performs brilliantly with all varieties and is especially adept at handling houseplants and orchids. The sometimes sensitive, wildly differing needs of such plants is never a problem, as watering is automatic and each plant in the system controls it's own rate of irrigation according to its individual requirements.

## What's In The Box?

Khloris includes two pots equipped with AQUAvalve water control devices, a reservoir, and all the colour-coordinated pipe and fittings required to create the ideal layout for any space. Should they wish, growers can quickly and easily expand their system using Khloris Extension Kits.



Arrange as required. Extend with ease.



Khloris Product Dimensions

Manufactured by AutoPot Global Ltd

THE PATENTED, POWER-FREE WATER CONTROL DEVICE

AT THE HEART OF EVERY AUTOPOT WATERING SYSTEM

GROW ANYWHERE WITH LOW OVERHEADS & ZERO WASTE



## POWER-FREE

AQUAvalve5 is supplied with every AutoPot Watering System. Once connected to the water supply, the AQUAvalve5 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 ever required.

## A FASTER FLOW

The needs of growers are ever-evolving, served by an increasingly diverse range of nutrients. With a 5mm inlet, AQUAvalve5 rises to the challenge of delivering the widest range of nutrients in a faster flow for a quicker fill, maximising system efficiency. Maintenance is reduced and the risk of blockages minimised.

## PLANT CONTROLLED

AQUAvalve5 is an exceptionally responsive means of feeding. It opens to supply water to a 20mm / 1" depth and closes. Once the plants have used that supply the AQUAvalve5 reopens to repeat the cycle. No need to second guess plant requirements, compensate for conditions or calibrate pumps or computers.

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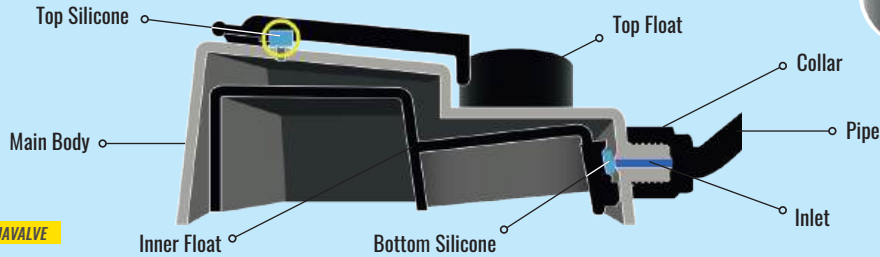
SUITABLE FOR USE WITH MINERAL OR ORGANIC LIQUID FERTILISERS

PLANT CONTROLLED - THE ULTIMATE IN RESPONSIVE IRRIGATION

GRAVITY-FED - REQUIRES NO PUMPS, TIMERS, COMPUTERS, OR RUNNING WATER



## HOW IT WORKS

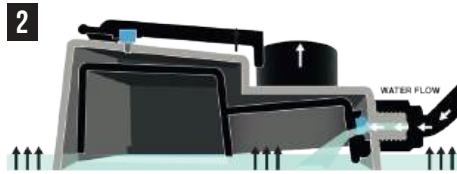


Visit our Videos page to see the AQUAvalve in action

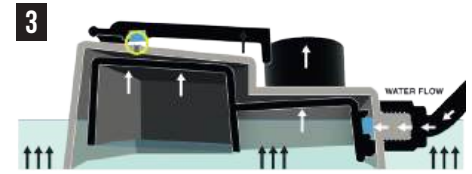
SEE PAGE 42 FOR ADVICE & TIPS ON AQUAVALVE



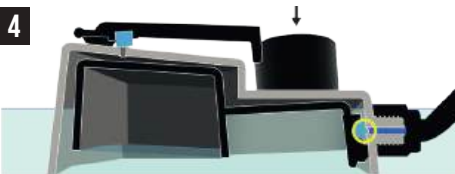
1 The AQUAvalve is positioned in a tray and connected to the water supply. When the supply is turned on water flows into the tray through the AQUAvalve nozzle. The Inner Float rises but the Top Float remains in position, keeping the hole sealed on the Main Body and preventing the Inner Float from rising further.



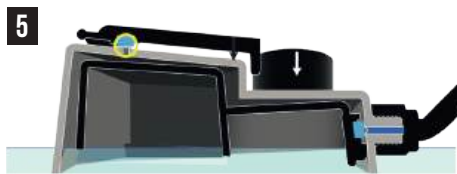
2 Trapped air inside the Main Body is unable to escape as the silicone in the Top Float is creating a seal on the Main Body, water continues to enter into the tray as the Inner Float is unable to shut off due to the trapped air.



3 Once the water reaches 20mm / 1" (half way on the AQUAvalve collar) the Top Float will lift allowing the trapped air inside the Main Body to escape and simultaneously the Inner Float will rise and cut off the in coming water.



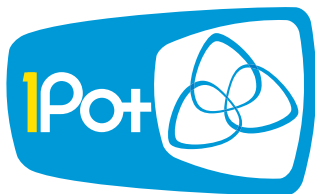
4 As the plants consume the nutrient solution the Top Float begins to drop back down re-sealing the hole on the Main Body creating an air tight seal.



5 The sealing of the Main Body ensures that there is an air tight seal which in turn creates a vacuum inside the Main Body, this prevents the Inner Float from dropping and preventing any further water/nutrient solution from entering.



6 Once the water/nutrient solution drops sufficiently the surface tension around the AQUAvalve Main Body breaks (can take up to 60 mins). The vacuum in the Main Body releases, the Inner Float drops, the inlet can reopen and the filling process begins again.



**INCREDIBLE YIELDS FOR HOUSEHOLD GARDENERS AND COMMERCIAL GROWERS**

**FOR ALL STAGES OF ADULT GROWTH - 15 L / 3.9 GAL POT AS STANDARD, ALSO FITS 8.5 L / 2.2 GAL**

**SIMPLE, EFFICIENT, LOW MAINTENANCE FEEDING AND WATERING OF PLANTS**



## **EFFICIENCY**

As with all AutoPot Watering Systems, the 1Pot module operates power-free without wasting a drop of water or fertiliser. The benefits of this efficiency are twofold. Your overheads are decimated at a stroke and, without reliance on utilities, any space becomes a viable proposition for growing.

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## **VERSATILITY**

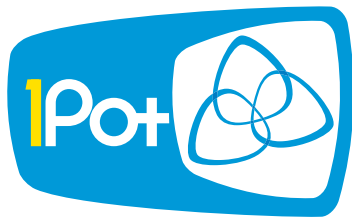
The 1Pot Module can be used for a wide range of plant types and sizes. Flowering plants and shrubs thrive and produce an abundance of blooms and foliage. Modules are supplied with 15 L / 3.9 gal pots but the tray also perfectly accommodates our 8.5 L / 2.2 gal pot, allowing you to alternate between crops with ease.

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## **LONGEVITY**

If your plants require a large individual footprint, typically achieve greater-than-average height, or grow over a longer period than the 1Pot Module represents an excellent option. AutoPot modules require no plumbing for recirculation or waste water so they can be added or removed from a layout at will.

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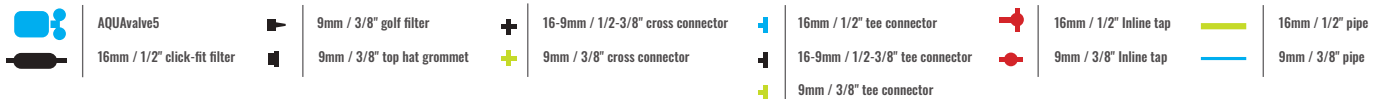
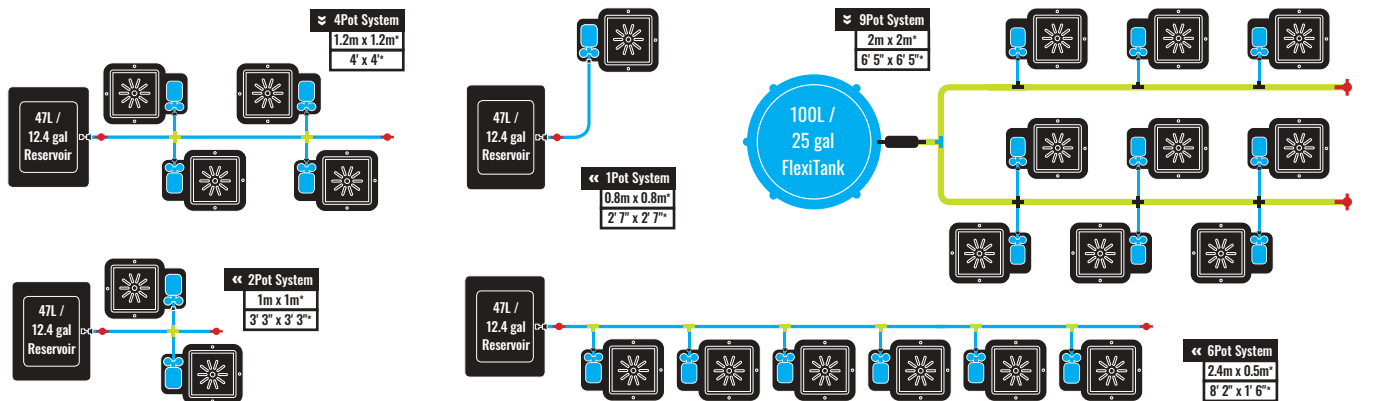
15L / 3.9 GAL POTS

As with all AutoPot Watering Systems, you can use 1Pot System modules to create layouts of virtually any shape or scale.

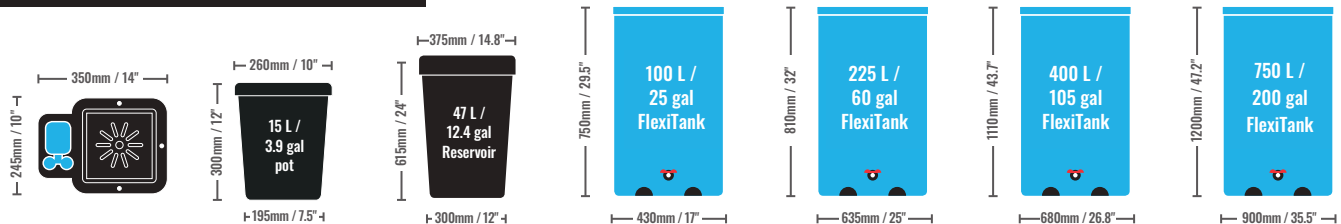
Their capable yet compact size makes them particularly flexible in terms of positioning and repositioning.

For maximum efficiency and enough airflow we recommend using four 1Pot Modules per sq. metre / 3.3 sq ft of floorspace.

### ANY LAYOUT IS POSSIBLE!



### DIMENSIONS & RESERVOIR REQUIREMENTS



\*Excluding reservoir. Approx measurements given for configurations as shown. Alternative layouts will result in different measurements.

SEE PAGE 44 FOR ADVICE & TIPS ON SYSTEM USE

For 1-6 Pots

For 7-11 Pots

For 12-23 Pots

For 24-60 Pots

For 61-100 Pots

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**IDEAL FOR SHORT, BUSHY VARIETIES OR TALL-GROWING VINE PLANTS**

**PERFECT FOR LARGER PLANTS DURING INITIAL STAGES OF ADULT GROWTH**

**AVAILABLE WITH 8.5 L / 2.2 GAL OR 15 L / 3.9 GAL POTS - ALTERNATE YOUR CROPS AT WILL**



### **MAXIMUM OUTPUT**

easy2grow's phenomenally space-efficient two-pot module has been helping growers get the absolute maximum out of their available spaces for years.

The systems are ideally suited to either short, bushy varieties like herbs or strawberries, or tall growing vine plants.

### **EARLY STAGES**

With larger plants the systems can provide a perfect solution for initial stages of adult growth.

The pots provide ample space in which young plants can thrive whilst AutoPot AQUAvalve technology ensures they are fed and watered exactly as and when required.

### **SCALABILITY**

easy2grow is supplied with 8.5 L / 2.2 gal pots as standard but is also available with 15 L / 3.9 gal pots.

A potentially infinite number of modules can be added to a system as and when required. These qualities make easy2grow ideal for alternating crops and for phased expansion.

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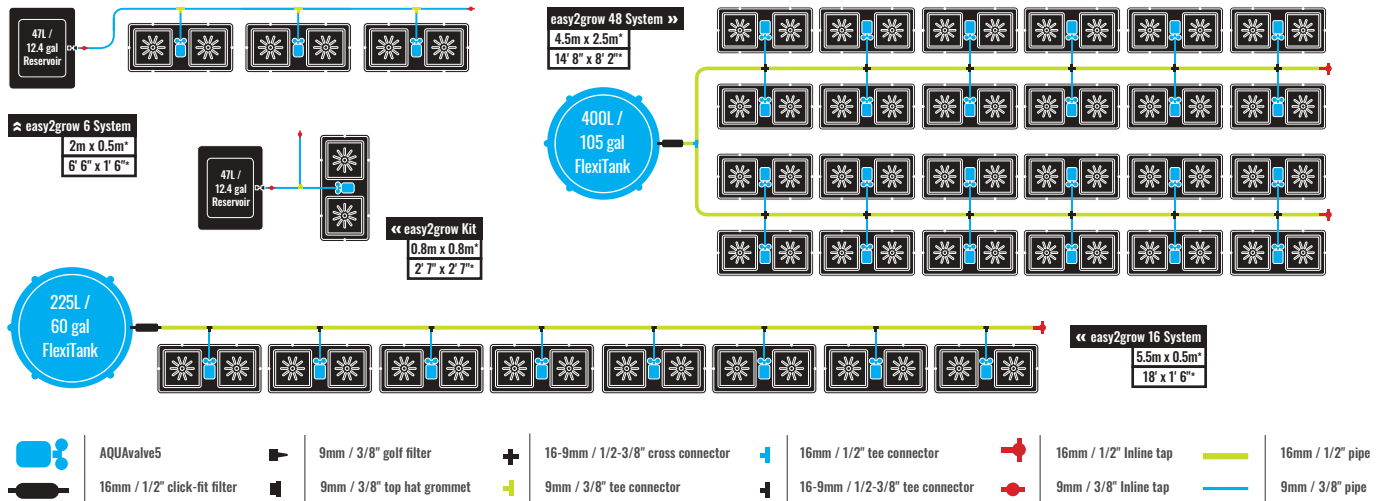
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A worldwide best-seller with home growers and commercial cultivators alike, the easy2grow System module combines ample capacity for fruitful growth with compact size. For maximum efficiency and enough airflow we recommend using 3 easy2grow modules (6 plants) per sq. metre / 3.3 sq ft of floorspace.

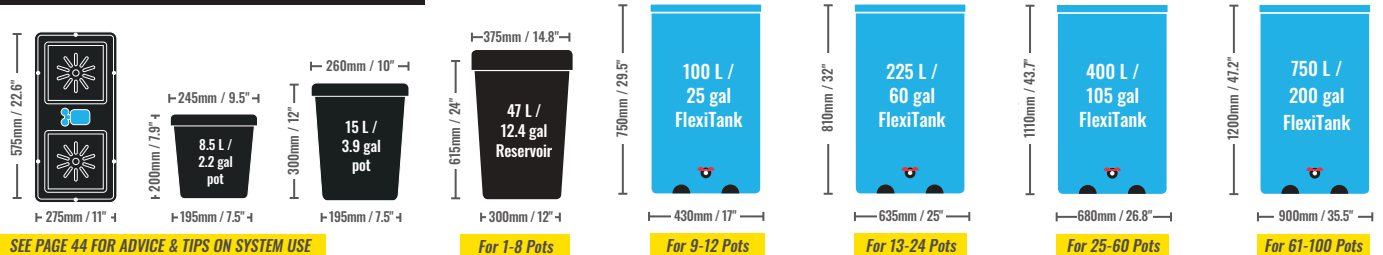


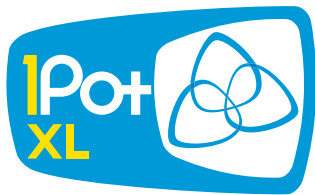
### ANY LAYOUT IS POSSIBLE!



\*Excluding reservoir. Approx measurements given for configurations as shown. Alternative layouts will result in different measurements.

### DIMENSIONS & RESERVOIR REQUIREMENTS





DEVELOPED BY AUTOPOT TO MEET THE DEMANDS OF THE AMBITIOUS GARDENER

FEATURING AN IMMENSE 25 LITRE / 6.6 GAL GROWING CAPACITY

FOR GROWERS LOOKING TO CULTIVATE BIG PLANTS & ACHIEVE EVEN BIGGER YIELDS



### FLEXIBLE BY DESIGN

The round base and modular design means each 1Pot XL module can be rotated, repositioned or removed without difficulty or detrimental effects on the system.

Such adjustability maximises the efficiency of lighting arrangements at every stage of growth.

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### IMMENSE POT SIZE

A 25L / 6.6 gal pot means plants grow efficiently, continuously and vigorously.

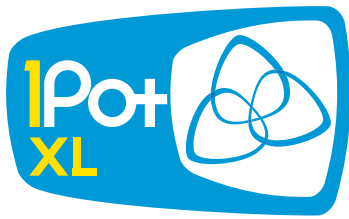
Plant development in the 1Pot XL module is unhindered by the need to transfer to a larger pot, such is the module's exceptional capacity.

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### PLANT HEALTH

Each module is fed by its own AQUAvalve, responding to the plant's needs and ensuring each plant can develop at its own rate - essential for the stock, specimen and mother plants with which commercial and hobby growers populate their greenhouses.

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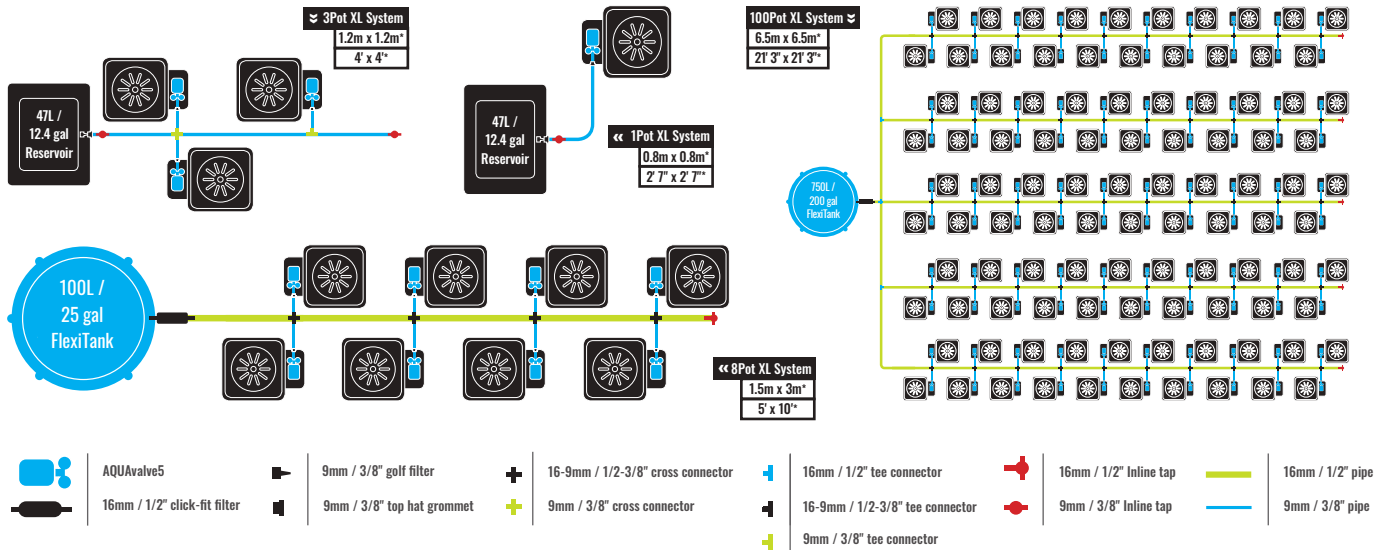
**25L / 6.6 GAL POTS**

Developed by AutoPot to meet the demands of the ambitious gardener, featuring a MASSIVE 25 L / 6.6 gal growing capacity

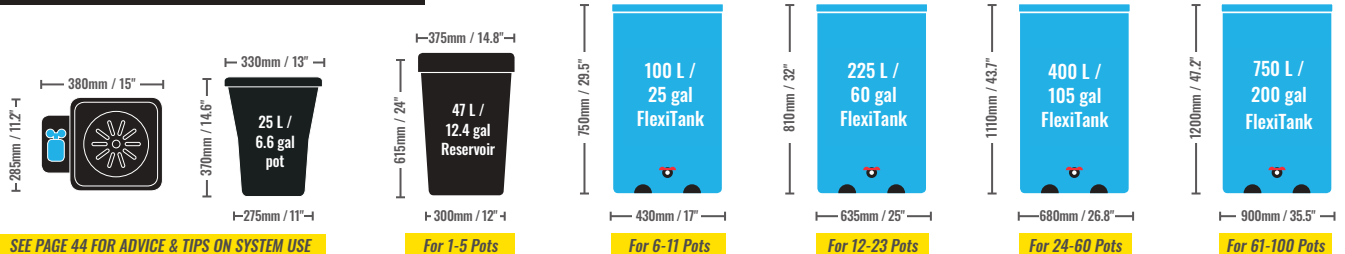
the 1Pot XL System module is perfect for growers looking to cultivate BIG plants and achieve even BIGGER yields.

For maximum efficiency and enough airflow we recommend using two 1Pot Modules per sq. metre / 3.3 sq ft of floorspace.

### ANY LAYOUT IS POSSIBLE!



### DIMENSIONS & RESERVOIR REQUIREMENTS



SEE PAGE 44 FOR ADVICE & TIPS ON SYSTEM USE

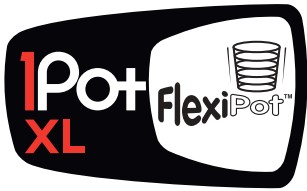
For 1-5 Pots

For 6-11 Pots

For 12-23 Pots

For 24-60 Pots

For 61-100 Pots



**GROW IN FABRIC WITH AUTOPOT USING THE INNOVATIVE FLEXIPOT RANGE**

**GET BIGGER, STRONGER, FASTER GROWING PLANTS**

**FOR GROWERS LOOKING TO CULTIVATE BIG PLANTS & ACHIEVE EVEN BIGGER YIELDS**



### **THE ORIGINAL FLEXIPOT**

AutoPot XL FlexiPot module takes the immense capacity and versatility of the 1Pot XL tray and incorporates the innovative new fabric FlexiPot. These 20 L / 5 gal BPA-free, Lead-free pots are guaranteed against off-gassing or leaching and provide a uniquely rigid base to help keep plants upright.

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### **BIGGER, STRONGER PLANTS, FAST**

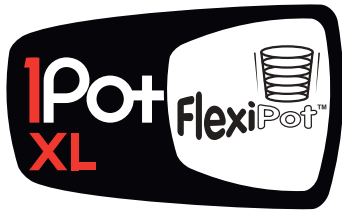
FlexiPot's porous fabric sides mean air-pruning and zero root circling - giving you bigger plants from smaller pots. Increased secondary feeder roots vastly improve nutrient & water uptake. Increased oxygen exchange in the substrate helps to supercharge plant growth.

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### **EASY TO SHIP, SELL & STORE**

XL FlexiPot packs down 50% smaller and 50% lighter. This equates to huge reductions in shipping costs. The systems require less warehouse and shelf space and are easy for growers to transport and store. FlexiPots are incredibly durable and can be reused repeatedly for years.

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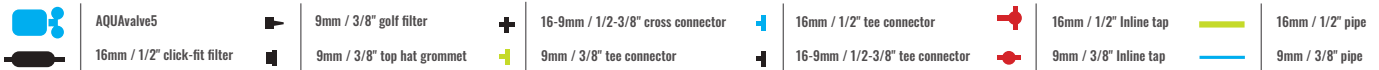
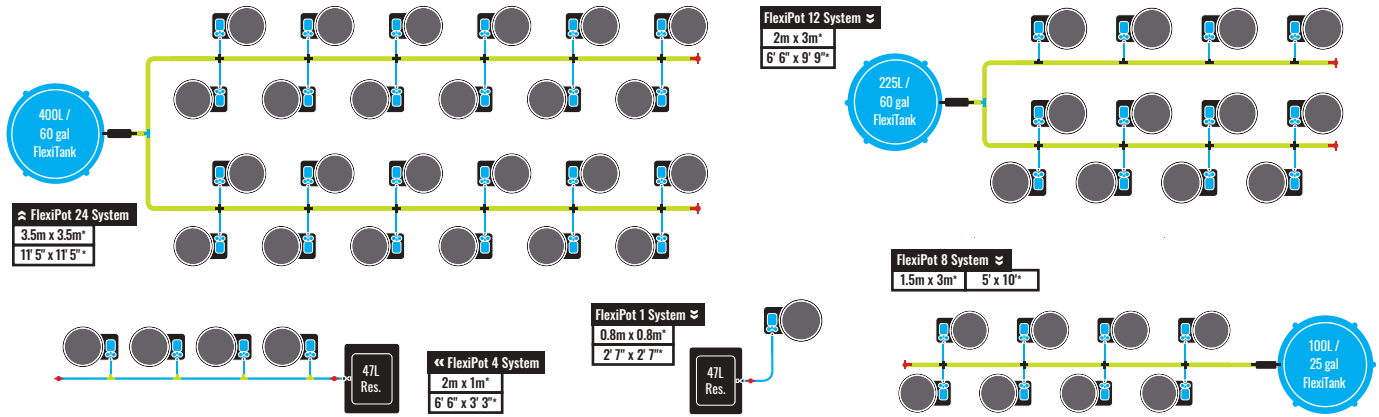


If you want to cultivate bigger, stronger, faster growing plants in smaller pots then the FlexiPot System is a great option. The fabric FlexiPots featured with this system don't merely contain roots, they train them - into uptake- and growth- maximising structures. For maximum efficiency and enough airflow we recommend using two FlexiPot Modules per sq. metre / 3.3 sq ft of floorspace.



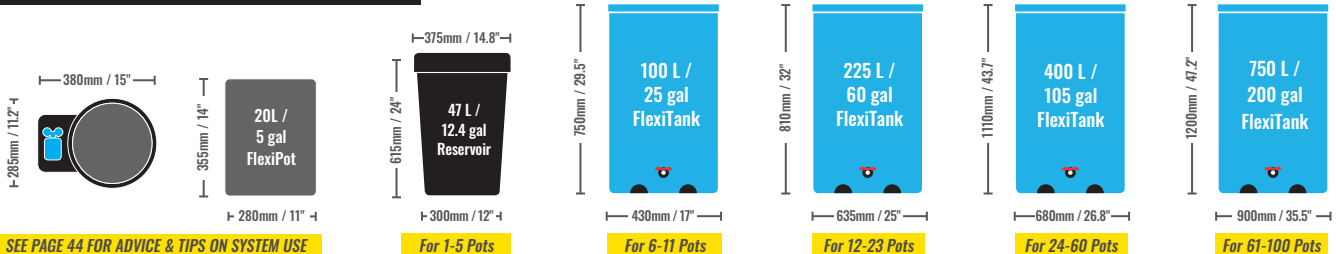
20L / 5 GAL POTS

### ANY LAYOUT IS POSSIBLE!



\*Excluding reservoir. Approx measurements given for configurations as shown. Alternative layouts will result in different measurements.

### DIMENSIONS & RESERVOIR REQUIREMENTS



SEE PAGE 44 FOR ADVICE & TIPS ON SYSTEM USE

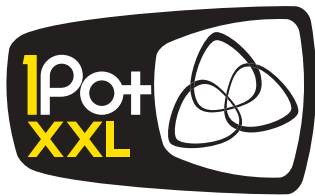
For 1-5 Pots

For 6-11 Pots

For 12-23 Pots

For 24-60 Pots

For 61-100 Pots



**FOR THE BIGGEST, MOST FRUITFUL PLANTS IMAGINABLE**

**RESPONSIVE, POWER-FREE IRRIGATION & FEEDING FOR BIG PLANT GROWERS**

**SWITCH BETWEEN 35L / 9 GAL AND 50L / 13 GAL FABRIC POTS AT WILL**



### **KNOW NO LIMITS**

AutoPot XXL propels you into a new world of horticultural possibility, backed with technology that's proven to make the wildest, most fantastical, most fruitful plants a reality. At last, a power-free watering system for 35L / 9 gal and 50L / 13 gal growers that truly satisfies the needs of their plants.

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### **ADAPT TO ANYTHING**

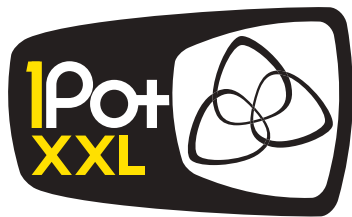
An ingenious enlargement of our ever-popular XL module, XXL accommodates 35L or 50L fabric pots. An adaptive collar even allows growers to switch between pot sizes as required whilst still using the same tray. XXL35 comes with BPA-free, Lead-free, fabric FlexiPots, XXL50 comes with identically specced 50L versions.

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### **GROW WITH XXL**

Cultivating big plants, whether one or many, requires time and technique. XXL brings ultra-low maintenance, plant-controlled AQUAvalve5 irrigation and feeding into the realm of giant growing - giving you the opportunity and head space to hone your horticultural skills.

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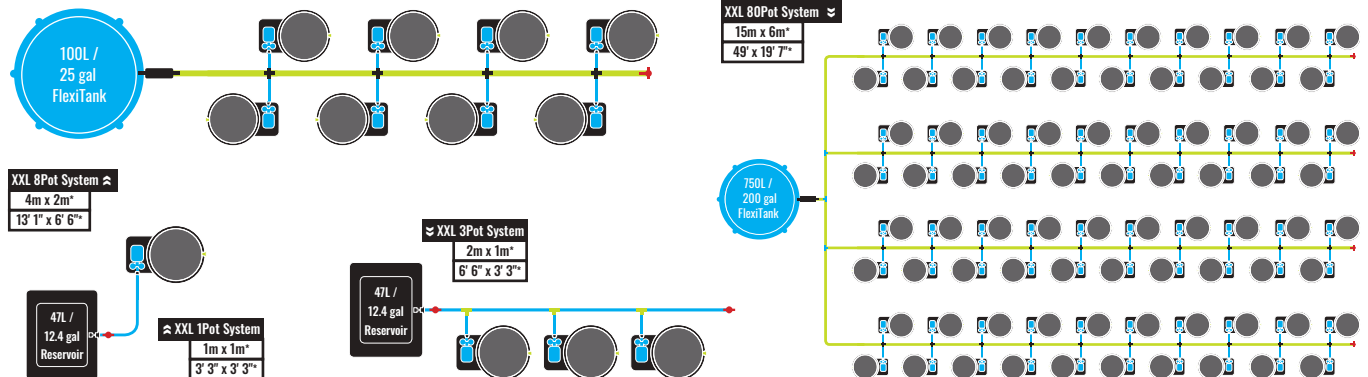
Big as they are, the fabric pots in XXL System modules allow growers to produce even larger plants than they might otherwise see in equivalent sized plastic pots. Porous pot side walls facilitate air-pruning and oxygen access - supercharging growth. For maximum efficiency and enough airflow we recommend using one XXL Module per sq. metre / 3.3 sq ft of floorspace.



35L / 9 GAL POTS

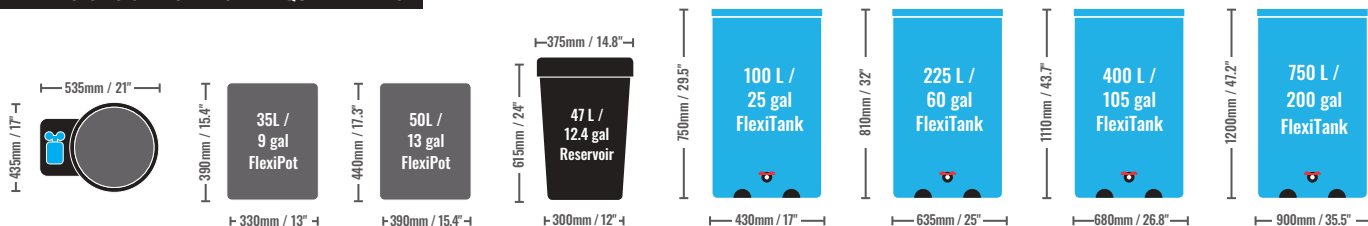
50L / 13 GAL POTS

### ANY LAYOUT IS POSSIBLE!



- AQUAvalve5
- 16mm / 1/2" click-fit filter
- 9mm / 3/8" golf filter
- 9mm / 3/8" top hat grommet
- 16-9mm / 1/2-3/8" cross connector
- 9mm / 3/8" tee connector
- 16mm / 1/2" tee connector
- 16-9mm / 1/2-3/8" tee connector
- 16mm / 1/2" inline tap
- 9mm / 3/8" inline tap
- 16mm / 1/2" pipe
- 9mm / 3/8" pipe

### DIMENSIONS & RESERVOIR REQUIREMENTS



SEE PAGE 44 FOR ADVICE & TIPS ON SYSTEM USE

For 1-4 Pots

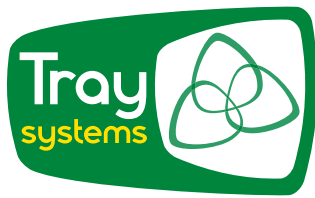
For 5-9 Pots

For 10-23 Pots

For 24-60 Pots

For 61-100 Pots

\*Excluding reservoir. Approx measurements given for configurations as shown. Alternative layouts will result in different measurements.



**MAXIMISE GROWING SPACE, MINIMISE MAINTENANCE**

**MULTIPLE POTS IN A SINGLE TRAY & LID ASSEMBLY, ALL FED BY A SINGLE AQUAVALVE**

**TRAY SYSTEMS FOR EVERY STAGE OF ADULT PLANT GROWTH**



### **GROWING SPACE**

Irrigate multiple pots in a single tray and lid assembly, all fed by a single AQUAvalve, radically reducing the footprint and system maintenance. Take advantage of all the space you have without the concern of accessing individual pots and trays. Ideal for tight spaces, rolling benches and vertical racking.

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### **OVERHEADS**

Tray systems irrigate with zero run-off so don't require plumbing for waste water and fewer lights are needed with plants arranged less loosely. Fewer valves and fittings vastly reduces maintenance whilst the systems draw no more water than individual modules.

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### **PLANT HEALTH**

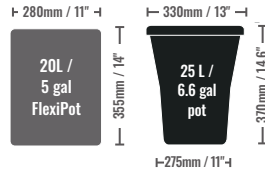
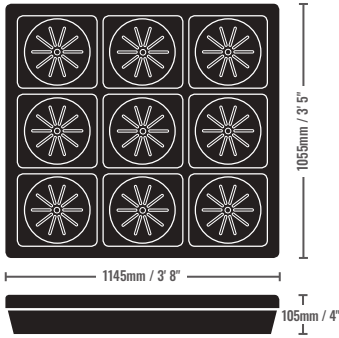
All our Tray Systems incorporate moulded bases to minimise standing water whilst the lid blocks light and debris from entering tray. Use fabric pots with Auto XL FlexiPot for air-pruning, zero root-circling and bigger, faster growing plants from smaller pots. Use 8.5 L / 2.2 gal or 15 L / 3.9 gal pots with Auto8 for maximum flexibility.

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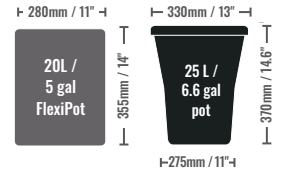
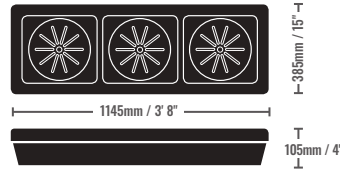
**IRRIGATE & FEED NINE POTS IN A SINGLE SYSTEM**

**AVAILABLE WITH 25L / 6.6 GAL PLASTIC OR 20L / 5 GAL FABRIC POTS**



**COMPACT SIZE - FOR EASY POSITIONING**

**IDEAL FOR HOBBY OR COMMERCIAL GROWING**



**AVAILABLE WITH 25L / 6.6 GAL PLASTIC POTS**

**OR 20L / 5 GAL FABRIC FLEXIPOTS**

*Left: Auto3 and Auto9XL available with the option of fabric FlexiPots which allow oxygen exchange in the substrate and facilitate air-pruning.*

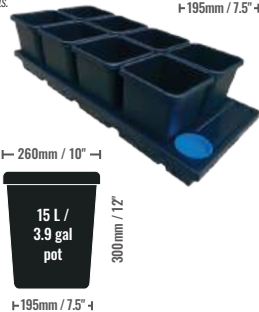
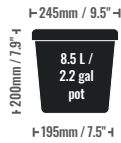
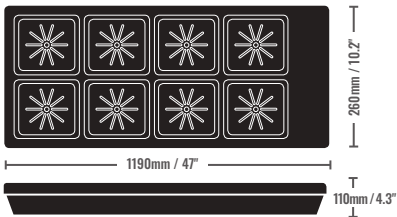


**USE WITH 8.5 L / 2.2 GAL OR 15 L / 3.9 GAL POTS**

**FOR ALL STAGES - INTERCHANGE AT WILL**

**FIT TWO AUTO8'S IN A 1.2M X 1.2M TENT**

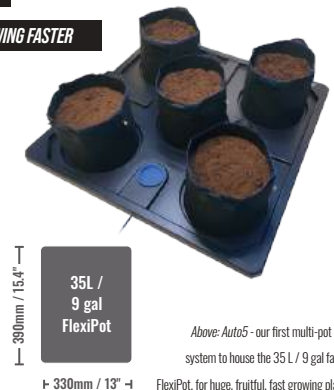
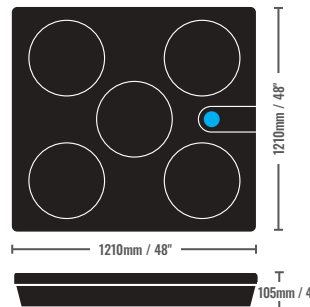
*Left: Auto8 is available with 8.5 L / 2.2 gal pots as standard and the option of 15 L / 3.9 gal pots. No adjustment to the tray is required when alternating between pot sizes.*



**MAXIMISE GROWING SPACE WITH AUTO5**

**35L / 9 GAL FABRIC POTS - FOR TRULY HUGE PLANTS**

**FABRIC POTS SPEED PLANT DEVELOPMENT - GET GROWING FASTER**



*Above: Auto5 - our first multi-pot tray system to house the 35 L / 9 gal fabric FlexiPot, for huge, fruitful, fast growing plants*

**SEE PAGE 45 FOR ADVICE & TIPS ON TRAY SYSTEMS**



**TURN ANY GARDEN TRAY INTO AN AUTOMATIC WATERING SYSTEM**

**USE IN THE HOME, GREENHOUSE, CONSERVATORY, OR ON A BALCONY**

**KEEPS POTTED PLANTS WATERED AND FED FOR WEEKS - POWER-FREE**



### **AUTOMATIC IN MINUTES**

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 with no need for electricity or a mains water supply.

### **USE ANYWHERE**

Because it requires no electricity or mains water easy2GO can be used practically anywhere. There's no need to relocate your pots in order to be nearer to utilities and you can set up and leave to system unattended in confidence.

### **PERFECT HOLIDAY WATERING**

Flexible, safe operating, ultra low-maintenance functionality makes easy2GO the ideal choice for growers who value their downtime as much as their plants. The easy2GO Kit can keep your plants satisfied for weeks on end whilst you're away on holiday.

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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.



### EASY2GO IN 4 SIMPLE STEPS

- ① Use the fittings included to connect your reservoir to the easy2GO Kit
- ② Place the easy2GO Kit on a flat bottomed garden tray - ensure tray is level
- ③ Place your pots in the garden tray together with the easy2GO Kit
- ④ Fill your reservoir with water and fertiliser (if required) and switch on!

### EASY2GO KIT SET UP TIPS

- » Use the spirit level on the AQUAvalve Cover to ensure your tray is level
- » Mineral or organic fertilisers may be supplied via the easy2GO Kit
- » Place washed gravel or pH-balanced clay pebbles in the bottom of your pots to aid drainage
- » Always place easy2GO directly on the tray surface - never on capillary matting

SEE PAGE 45 FOR ADVICE & TIPS ON EASY2GO



**ONE TRAY, FIVE USES - AUTOMATIC WATERING AT ITS VERSATILE BEST**

**ACCOMMODATES GROW BAGS, SEED TRAYS, MICRO HERBS, POTS & PLANTERS**

**SUITABLE FOR ALL PLANT TYPES, AT ALL STAGES OF GROWTH**



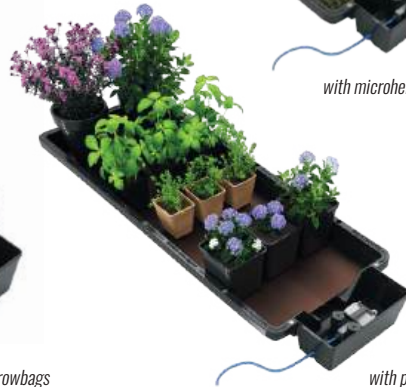
**Winner - Best Growing And Planting Equipment  
Garden Industry Manufacturers Association Awards**



*with growbags*



*with microherbs*



*with pots*



*with planters*

## AWARD-WINNING VERSATILITY

The GIMA award-winning Tray2Grow is the world's first multi-functional watering system, offering no less than five ways to water and feed your plants.

Seed trays, micro herbs, pots, a grow bag, or a fabric planter, Tray2Grow can automatically irrigate and feed them all to perfection.

## INNOVATIVE IRRIGATION

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 grow media within. Guide holes in the tray are provided for bamboo canes, allowing you to easily trellis your plants.

## ALLOTMENT SCALE

With the spikes removed and capillary matting in place Tray2Grow can take up to four standard sized seed trays, two large or eight small micro herb trays, two coco slabs, any number of bottom-perforated or bio pots, or our capacious 107.5 L / 23.5 gallon framed fabric planter.

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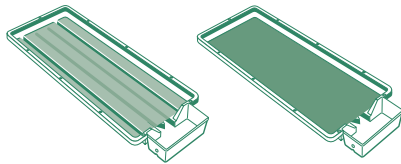
As with all AutoPot Watering Systems, Tray2Grow irrigation is controlled by an AQUAvalve5. This power-free water control device sits in a compartment at one end of Tray2Grow and regulates the flow of water from your reservoir.

Water flows into the channels in the Tray2Grow and is then directed up to your plants using either capillary matting or capillary spikes. Everything you need for both set-ups plus connections for your reservoir of choice are included in the kit.

You can also supply fertiliser using Tray2Grow by adding a liquid or soluble feed to your reservoir. Tray2Grow is mineral and organic capable, giving you even greater scope to grow the way you want.

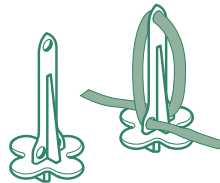
*Above: Tray2Grow includes capillary spikes for growing with grow bags and capillary matting for pots trays and planters, plus four seed trays*

### Using Tray2Grow with pots, trays, and planters



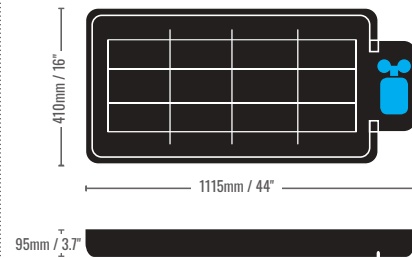
A capillary mat is laid onto the base of Tray2Grow and tucked into the two outermost channels. A root control sheet is laid on top, onto which pots, trays, and planters can be placed.

### Using Tray2Grow with grow bags



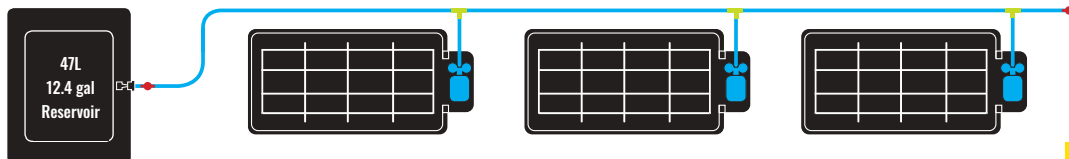
Small spikes laced with capillary strips are fitted into the base of Tray2Grow. The spikes pierce the grow bag and draw water up from the tray to irrigate it.

### Tray2Grow Dimensions



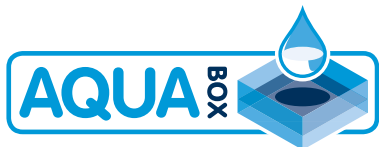
## EXTENDING TRAY2GROW

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 you 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 its 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. Each kit contains all the connectors you need.



SCAN QR TO VIEW TRAY2GROW ACCESSORIES

SEE PAGE 45 FOR ADVICE & TIPS ON TRAY2GROW



## the concept

The AQUAbox incorporates the AQUAvalve technology used throughout the AutoPot range and expands it to irrigate a large growing area rather than a single plant pot. Ideal for raised beds, large planters, grow bags and allotments the AQUAbox is placed directly in the ground and distributes water and nutrient to the surrounding soil using capillary matting.

The AQUAbox ensures your plants are watered for days or weeks at a time making it the perfect irrigation solution for weekends away, holidays or year-round watering. It requires no electricity, pumps, timers, mains water to operate and is ideal for use in allotments or home gardening. A connection to a reservoir is all that is needed. Water from the reservoir is simply supplied by gravity to the AQUAbox.

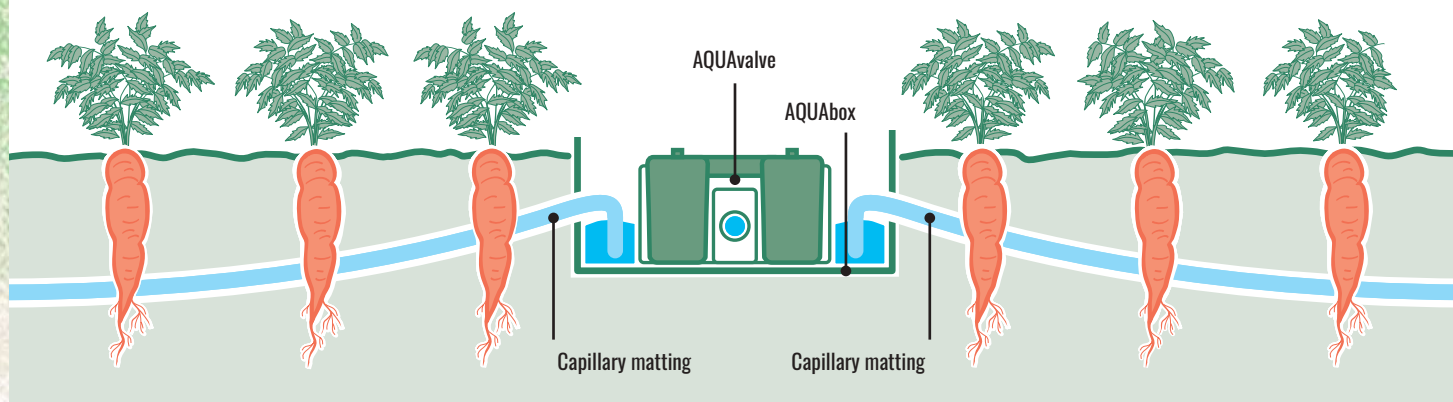
There are two products in the AQUAbox range:

**AQUAbox Straight** is designed for narrow raised beds and planters.

**AQUAbox Spyder** is designed for larger raised beds and allotments.



### HOW AQUABOX WORKS



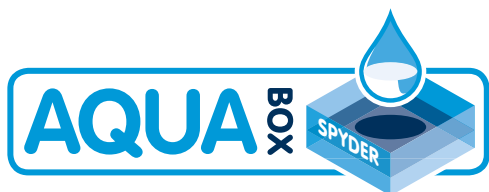
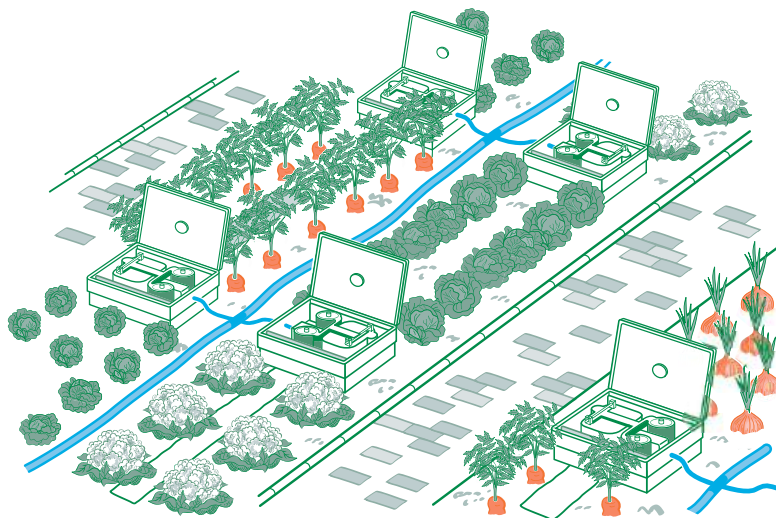
### AQUABOX SET UP TIPS

- » Use circular spirit level in lid to ensure AQUAbox is level
- » Ensure capillary strips slope away from the AQUAbox on a downward gradient
- » Connect multiple AQUAboxes to one reservoir to irrigate large areas
- » For best results, replace capillary matting every season



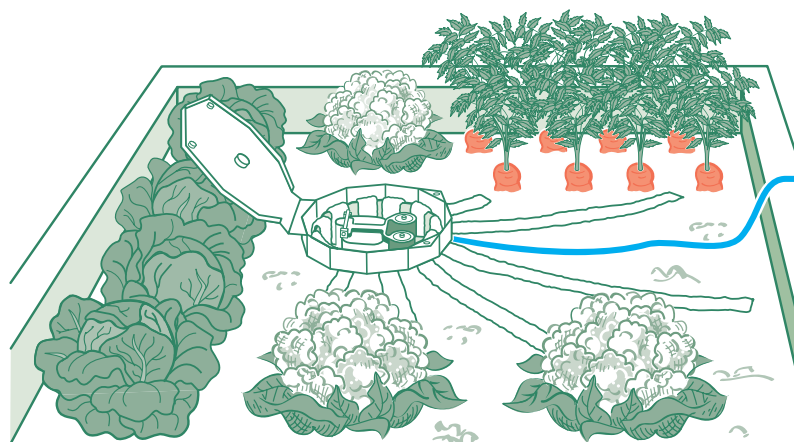
AQUAbox Straight can be set up with a single strip of capillary matting running in one direction. Alternatively the strip can be cut in two with each strip fitted either side of the AQUAbox, so that they run out in opposite directions. This makes it ideal for narrow raised beds and planters. It is the perfect in-earth solution to low maintenance feeding and watering where space is at a premium.

*Each AQUAbox Straight irrigates a growing area up to 1.2m / 4ft in length.*



With AQUAbox Spyder the capillary matting strips radiate out from the AQUAbox in all directions, offering coverage of up to 360°. Alternatively the strips can be attached in a reduced arc so as to concentrate feeding and watering as required. This makes AQUAbox Spyder ideal for wider areas such as raised beds or allotment plots.

*Each AQUAbox Spyder irrigates a growing area up to 1m x 1m / 3ft x 3ft*



## AQUABOX GROWING TIPS

- » During early stages you may not need to use all the strips on a Spyder
- » Strips can be 'deactivated' even once set up with the strips still buried

SEE PAGE 46 FOR EXTRA ADVICE ON AQUABOX

- » To deactivate a strip simply tuck the end in the AQUAbox up and away from the water supply
- » Strips can be reactivated as requirements increase - especially with handy for tomatoes etc



Above: Choose 5L / 1.3 gal CO<sub>2</sub> Generator for 1.2m / 4ft sq spaces.  
or 10L / 2.6 gal CO<sub>2</sub> Generator for 2.4m / 8ft sq spaces

Increase carbon dioxide concentration in your growing environment to more than double the normal PPM with the MotherNature CO<sub>2</sub> Generator. Designed to operate in sealed grow room spaces such as greenhouses or horticultural tents, the CO<sub>2</sub> Generator is ideal for fast-growing, carbon dioxide-hungry crops. Plants grown in a concentrated CO<sub>2</sub> environment are proven to grow faster, thrive in higher temperatures, and bear bigger, better fruits and flowers.



Available Now!  
CO<sub>2</sub> Refills

Depending on usage, the specially formulated compost and natural bacteria in your Generator will last up to six months. Once the contents of the Generator are depleted you can simply empty the Generator out, clean it down, and drop in a Refill. It's always handy to have a CO<sub>2</sub> Detector to give you an exact idea of CO<sub>2</sub> output levels and when a Refill is due. As with the contents of the complete Generators, the CO<sub>2</sub> Refills are packed 'dry', allowing you to easily store them without fear of degradation or any nuisance odours.

SEE PAGE 46 FOR MORE ADVICE ON USING CO<sub>2</sub> GENERATORS

### MOTHERNATURE CO<sub>2</sub> GENERATOR FEATURES

- » Stimulates vigorous growth
- » Activated by natural bacteria
- » Proven to increase productivity
- » 6 month lifespan when used as directed
- » Specially formulated compost
- » Eco-friendly refills available

### GETTING THE BEST FROM YOUR CO<sub>2</sub> GENERATOR

- » Position low, beneath plants
- » On for 5-10mins / Off for 60mins
- » Route pipe into circulation fan
- » Contents regenerate whilst off
- » Only use during 'lights-on'
- » Use at 22°C / 72°F. Store at 15°C / 59°F
- » Set to 'pulse' hourly using a timer
- » Use depleted contents as manure

### LED GROWERS - SAVE MONEY, TURBOCHARGE YOUR YIELD!



CO<sub>2</sub> Generators allow you to utilise your LED lighting to the full. The abundant supply of CO<sub>2</sub> produced by a Generator means you can run your LED's at higher output levels, safe in the knowledge that any increased demand for CO<sub>2</sub> will always be satisfied. Combined, the heightened levels of growth producing light and carbon dioxide result in vastly enhanced yields.

# RAPID ROOTS

Rapid Roots is an all-natural, 100% organic rooting gel designed to get cuttings and seedlings on the direct route to healthy, structured, swift development. Completely free from potentially harmful synthetics, Rapid Roots draws instead upon extracts of Bladderwrack seaweed. The seaweed is carefully prepared in order to preserve its rich stock of natural plant hormones, vitamins, trace elements, and other nutrients.

Bladderwrack grows in inhospitable intertidal zones of the sea. Its origins imbue the extract with anti-stress properties which are ideal for cuttings and very young plants. Hardiness and drought resistance are instilled from an early stage, predisposing your plants to robustness throughout their lives.

Uptake and transportation of nutrients is accelerated by Rapid Roots added extract of humic-rich Leonardite. By helping your plants feed more quickly and efficiently this mineraloid substance helps boost cell division and stimulates prolific growth.



## RAPID ROOTS FEATURES

- » 100% organic composition
- » Free from synthetics
- » Improves drought resistance
- » Packed with natural plant hormones
- » Preserves rich content of extracts
- » Features uptake-boosting Leonardite

SEE PAGE 47 FOR MORE ADVICE ON USING RAPID ROOTS



Above: Humic-rich Leonardite enhances uptake, boosting cell division and growth



Above: Bladderwrack - a natural source of hormones, vitamins, trace elements, and nutrients.



1 Dispense Rapid Roots into a small container.



2 Take your cutting and coat the bottom 2cm of the stem.



3 Transfer immediately into your rooting media of choice



4 Place inside a propagator and maintain in moist conditions.



### AIRDOME IN 4 SIMPLE STEPS

- 1 Assemble AirDome and place in the bottom of your pot on top of your root control / Marix.
- 2 Surround AirDome with a 2.5cm / 1" base layer of pH stabilised clay pebbles or an AirBase.
- 3 Route air line out over pot lip. Fill your pot with grow media and pot up your plant.
- 4 Connect air line to pump outside pot. After 2-3 weeks switch AirDome on.

### MAXIMISING AIRDOME EFFECTIVENESS

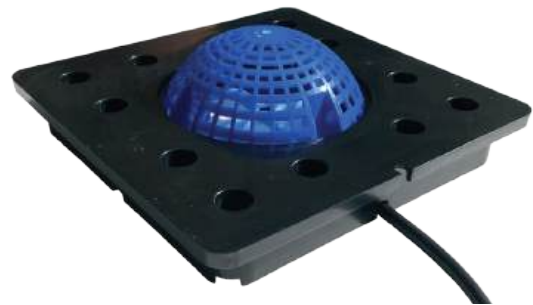
- » Each AirDome needs no more than 1 L / 0.25 gal per minute in pump output
- » Always use an 'open' growing media with min. 50% perlite or similar to maximise aeration
- » Keep air pumps away from cold surfaces and set your timer to switch off at night
- » Blow warm air into the rootzone - never hot or cold - temps of 18-21°C / 64-70°F are perfect

Supercharge your plants! The AirDome has been designed to boost growth and yields by increasing the oxygen content in the pot. More oxygen means a healthier root zone and greater uptake of water and nutrient; your plants will grow bigger and yield significantly more.

In AirDome trials with Luffa plants we achieved an increase in yield of 130%! For more common varieties of fruiting plants, you can expect an increase in yields of up to 30%!

AirDomes are very simple to use and take less than 30 seconds to assemble. Placed at the bottom of the pot, the device is covered with your grow media of choice and then connected to an air pump.

### AERATION & DRAINAGE PERFECTED - AIRDOME WITH AIRBASE



*Above: AirDome is easily integrated with AirBase - for a well-drained, oxygen-rich rootzone. By combining the two you also vastly reduce setup times - see opposite for details.*

SEE PAGE 47 FOR EXTRA ADVICE ON AIRDOME



*AirBase Square for 1Pot and easy2grow modules*



*AirBase Square for 1Pot XL and FlexiPot modules*

Give your plants a lift with AirBase. This handy plate fits into the bottom of your pot during set up and allows you to sidestep the use of a pebble layer for drainage. Whilst simple, cheap, and effective, the preparation, pH balancing, and use of pebbles can be a chore. Simply drop AirBase in instead and you're away.

This essential addition even features a pop-out centre-section allowing for easy, optional integration with AirDome.

AirBase Square will fit our 8.5 L / 2.2 gal and 15 L / 3.9 gal pots, whilst AirBase Round is designed for both 25 L / 6.6 gal pots and 20 L / 5 gal fabric FlexiPots. A beautifully intuitive and effective innovation, AirBase is fabricated from tough ABS plastic making it highly durable and thus extensively reusable.

## AIRBASE FEATURES

- » Optimises rootzone drainage
- » Removes the need for a pebble base layer
- » Saves time and money - no need to pH stabilise pebbles
- » Produced from tough ABS plastic - durable and reusable
- » Designed for easy, optional integration with AirDome
- » Options for 1Pot, easy2grow, 1Pot XL, FlexiPot, and Tray Systems

## AIRBASE IN 4 SIMPLE STEPS

SEE PAGE 47 FOR EXTRA ADVICE ON AIRBASE



AirBase can be used on its own, placed directly into the base of your pot



Alternatively combine with AirDome, for enhanced rootzone aeration



Always make sure the holes are filled with grow media to allow for uptake



Then simply pot up as usual with your grow media of choice

## pot divider



Get more from your modules. PotDivider allows you to multiply your plant count without increasing system size. At a stroke, each of your pots is capable of holding four plants in segregated sections. Excellent for tight-leaved varieties and for herbs, PotDivider is available in two sizes, one to fit our 8.5 L / 2.2 gal pots, the other for our 15 L / 3.9 gal pots. Both those pot sizes are compatible with our 1Pot, easy2grow, and Auto8 modules – meaning the potential number of applications is immense.

PotDivider is perfect for the pre-veg stage, and is equally effective with plants that simply don't require the run of an entire pot. A partitioned base removes the need for a pebble layer in the bottom of the pot. When the time comes Pot Divider lifts out cleanly, bringing your nascent plants with it, making the process of removing plants and repotting an absolute cinch.

SEE PAGE 47 FOR ADVICE ON POTDIVIDER

## strawberry topper



Let your fruits hang low - for ease of plant care and picking!

Strawberry Topper fits perfectly on the rim of 8.5 L / 2.2 gal pots. This ingenious growers aid allows you to lay your plants side-on. Foliage grows up and fruits hang down making these an ideal pot modification for modules on elevated racking.

1



Strawberry toppers sit directly on 8.5L / 2.2 gal pots



2



Fill pots with media, lay plants side-on



3



Top plants off with a little extra media



### AQUAPLATE FEATURES

AQUAplate simply brings a whole new dimension to your AutoPot Watering System. Everything you need to adapt an AutoPot tray for passive hydroponic growing is contained within the kit. The seamless integration that AQUAplate affords you saves time, expense and allows you to grow in our proven, highly efficient, low-maintenance irrigation system.

Collar and mesh-pot your plants, slot them into the plate and drop into your AutoPot tray and you're growing hydroponically!

- »» Grow free from media for fast, strong development
- »» Roots get direct access to water and nutrients

SEE PAGE 47 FOR ADVICE ON AQUAPLATE



### PROPAGATION LID FEATURES

- »» A range of propagation lids to cover all of our plastic pot sizes
- »» Lids help to create humidity in your plants micro environment close to leaves
- »» Humidity helps to stimulate growth at a critical stage in development

## PROPAGATION LIDS

Get it right from the start. We offer a range of propagation lids tailor-made for our pots.

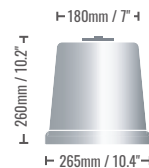
Designed to be fitted during the crucial early weeks whilst plants are getting established in your system, the lids help to generate the humidity that young plants crave.

Humidity is an essential part of the micro-environment close to leaves. Lack of humidity directly around plants is perhaps the number one cause of poor growth - as leaves curl to protect the plant and transpiration stops.

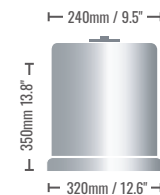
Your environment, system, and nutrients may be perfect but without local humidity growth can stall. With the help of propagation lids, and the humidity they confer, your plants can quickly take hold, fill out, and enjoy a fantastically sound basis for further vigorous growth.

### PROPAGATION LID DIMENSIONS

SEE PAGE 47 FOR ADVICE ON PROPAGATION LIDS



Left: For use with:



Left: For use with:



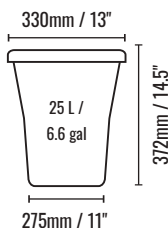


## WHITEPOTS

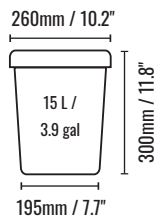
Protect your plant's root system from high or shifting temperatures with AutoPot WhitePots. The WhitePot reflects extremes of heat away from the root system. By shielding the roots in this way WhitePots help prevent the adverse effects of hot or varying temperatures on a plants growth management. Growing in WhitePots is a simple and effective way to maintain constant temperatures for your roots allowing your plants to steadily thrive.



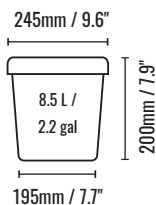
**WhitePot 25L/6.6 gal**  
for 1Pot XL



**WhitePot 15L/3.9 gal**  
for 1Pot or easy2grow



**WhitePot 8.5L/2.2 gal**  
for 1Pot or easy2grow





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 performance, reliable and tested in the systems that we love: for us AutoPot All-Purpose Plant Food ticks all the boxes.

### ALL PURPOSE PLANT FOOD FEATURES

- » Easy-to-use, one part mineral feed designed for AutoPot
- » For all plant types and all stages of growth
- » Clean and free-flowing, dilutes easily and stable in solution
- » Available in 20L / 5.3 gal, 5L / 1.3 gal, and 1L / 0.25 gal





Struggling to fit a plastic reservoir into your car or home is now a thing of the past! FlexiTanks revolutionise water storage for every gardener, whether on a domestic or commercial scale. These tough, durable, yet lightweight fully collapsible reservoirs are available in a wide range of sizes to suit all uses, from 25L / 6.6gal to 1000L / 265gal. FlexiTanks reduce storage and shipping costs and take minutes to assemble, no tools required. Everything a gardener needs in one compact box. It really couldn't be simpler.



Above: FlexiTank - lightweight, durable, fully collapsible reservoirs that require no tools for assembly.

### FLEXITANK TAPLESS - AVAILABLE NOW!



Recirculate?  
Go Tapless with our range of FlexiTanks for recirculating systems. Growers can now enjoy all the industry-standard performance and build quality of a FlexiTank collapsible reservoir, whatever system they use.

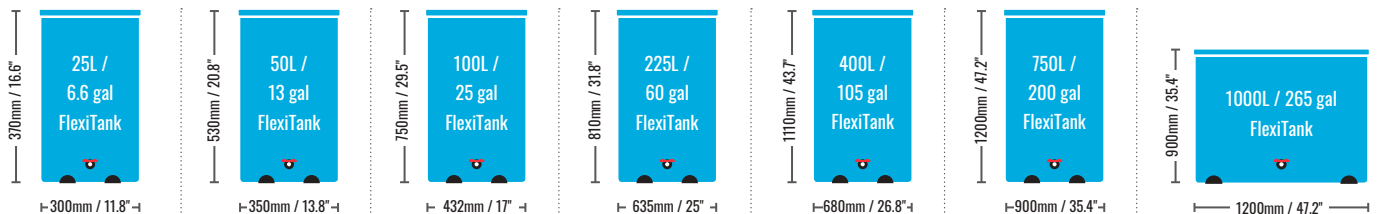
Available in 100L, 250L, 400L, and 750L sizes, Tapless FlexiTanks feature no tap (!) and three ports just below the max fill line. These reinforced ports allow you to securely connect your outbound pipe, inbound pipe, and the power supply for your pump.

*See footer opposite for dimensions - not suitable for AutoPot Watering Systems*

### FLEXITANK FEATURES

- » Fully collapsible
- » Fold away in one compact box
- » Lightweight and durable
- » Easy to ship and store
- » Tool-free assembly
- » Fits where other reservoirs can't go

### FLEXITANK DIMENSIONS (WHEN FILLED)



E: MAIL@AUTOPOT.CO.UK

AUTOPOT.CO.UK

@AUTOPOT\_GLOBAL



# FlexiTank PRO™

flexi-tank.co.uk

The Revolution Refined. FlexiTank Pro offers even greater scope for growing with AutoPot Watering Systems in extreme climates.

The elegance of FlexiTank Pro's reflective and light-tight skin is the embodiment of form and function combined.

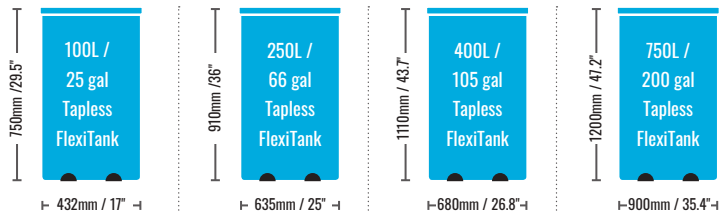
The skin beautifully disguises a rugged, fully collapsible design within. Concealed tank supports and internal capacity markings add neat edges to the proven FlexiTank design.

## FLEXITANK PRO FEATURES

- » Reflective and light tight
- » Ultra-strong anti-tip design
- » Internal capacity markings

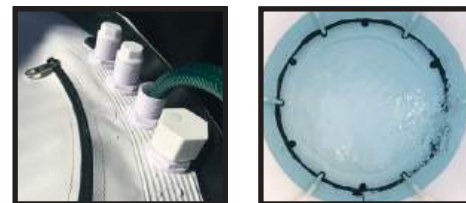


## TAPLESS FLEXITANK DIMENSIONS (WHEN FILLED)

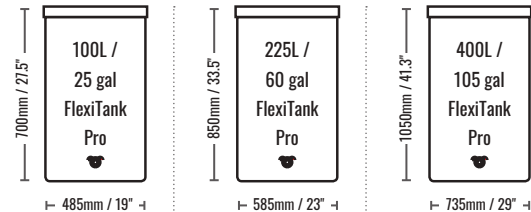


## FLEXITANK ACCESSORIES & FITTINGS

FlexiTank and FlexiTank Pro utilise the same accessories and fittings for easy integration with all AutoPot Watering Systems



## FLEXITANK PRO DIMENSIONS (WHEN FILLED)



# CASE STUDIES

## The Oxfordshire Chilli Farm, U.K.

The Oxfordshire Chilli Farm (Plantasia) have been growing capsicums using AutoPot for 10 years. AutoPot Systems offer growing solutions to each variety under cultivation. For large 'super-hot' varieties the XL System provides ideal size and adjustability. Habanero and Scotch Bonnets are served by the 1Pot System. Sweet peppers are grown using the high-wire method in easy2grow with 15L / 3.9gal pots instead of the 8.5L / 2.2gal as this suits these capsicums better.



## Kunya Beach, Kenya

Kunya Beach Nursery is located in an important horticultural region of Africa. Growers in the area must meet stringent government criteria given the existing demands on resources. AutoPot Watering Systems easily meet these criteria thanks to their water efficiency and power-free operation. For this reason the nursery has attracted a great deal of government and commercial interest. Sustainable horticulture is seen as a great driver for potential local employment. Furthermore the market for affordable, reliable crops is vast and, by utilising such systems, the overheads are minimal.

## Medwyn Williams, Wales

Multiple Champion veg grower, Medwyn Williams MBE is rightly famed for immaculately grown produce. He turned to AutoPot when looking to save on time and costs without concessions on plant health or veg quality. Five garlanded years of using AutoPot have brought Medwyn to the conclusion that our systems bring the growing of large, exhibition-quality veg onto a level playing field. He predicts that, in future, far more entries on show benches will be AutoPot grown.



## Sakata Seeds, Lincolnshire, U.K.

If you know Tenderstem<sup>®</sup> broccoli you know Sakata. The all-in green is perhaps the Japanese company's most famous innovation. However, Sakata have spent over a hundred years reimagining a vast number of other crops via selective breeding. Whatever the variety their ultimate goal is to create greener, easier to grow produce that can thrive in all environments, reducing carbon footprints and increasing local food security around the world. An initial AutoPot trial at their U.K. base has rapidly expanded into full-blown seed production using a 350 plant system comprised of 15L / 3.9 gal 1Pot modules.

# GROW MEDIA



**Soil/Perlite**  
50 / 50 mix

AutoPot Watering Systems are extremely versatile and can be used with pretty much any grow media. In trials we have cultivated plants in a vast range of materials from coral to denim and even pumice stone!

Whatever grow media you decide to use make sure it is absorbent, light, fluffy and free draining. For best results you want it to be 'capillary active' and have the ability to hold plenty of air within the structure.

An ideal media for use with AutoPot is a 50% mix of perlite or clay pebbles with either soil or coco. The organic content allows you to cultivate a rich, bioactive, healthy environment for your plant roots. Meanwhile the 'inert' components (such as perlite, rockwool, growstones, or pebbles) help to hold just the right amount of moisture, release excess water, and provide textured, aerated surroundings. The following examples of grow media blends should provide an excellent basis for growing success.

## POPULAR GROW MEDIA FOR USE WITH AUTOPOT



**Growstones/Coco**  
50 / 50 mix



**Soil/Clay Pebbles**  
50 / 50 mix



**Coco/Perlite**  
50 / 50 mix



**Coco/Clay Pebbles**  
50 / 50 mix

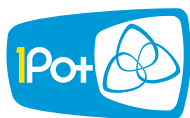


**Rockwool/Clay Pebbles**  
50 / 50 mix

## GET THE BEST FROM YOUR MEDIA WITH AUTOPOT

- » Always use a good quality soil or coco from a reputable brand
- » Look for coco that has been buffered and stabilised
- » If unsure, pot up and pour approx 10L of pH 5.6 water and ¼ strength feed through each pot
- » This will instantly stabilise the coco - allow to drain thoroughly before use
- » 100% peat-based composts will compress when used in the systems - do not use alone!
- » Mix in perlite or clay pebbles to prevent compression, lighten, and improve aeration
- » Always add a 25mm / 1" layer of gravel or pH stable clay pebbles in the bottom of your pot
- » The base layer allows for proper drainage and helps prevent root invasion of the AQUAvalve
- » Alternatively use an AirBase (see page 29) in place of the gravel / pebble base layer
- » Whether using as a base layer or as part of a mix, always pH stabilise clay pebbles before use

# SYSTEM FLOORSPACE REQUIREMENTS\*

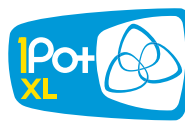
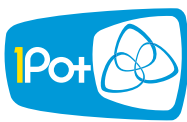


SYSTEM SIZE	FLOORSPACE	SYSTEM SIZE	FLOORSPACE	SYSTEM SIZE	FLOORSPACE	SYSTEM SIZE	FLOORSPACE
1POT	0.8m x 0.8m (2' 6" x 2' 6")	EASY2GROW KIT (2 POTS)	0.8m x 0.8m (2' 6" x 2' 6")	1POT XL / XL FLEXIPOT 1	0.8m x 0.8m (2' 6" x 2' 6")	1POT XXL 35/50	1m x 1m (3' 3" x 3' 3")
2POT	1m x 1m (3' 3" x 3' 3")	EASY2GROW 4	1m x 1m (3' 3" x 3' 3")	2POT XL / XL FLEXIPOT 2	1m x 1m (3' 3" x 3' 3")	2POT XXL 35/50	1.5m x 1.5m (5' x 5')
4POT	1.2m x 1.2m (4' x 4')	EASY2GROW 6	1.2m x 1.2m (4' x 4')	4POT XL / XL FLEXIPOT 4	1.2m x 1.2m (4' x 4')	4POT XXL 35/50	2m x 2m (6' 6" x 6' 6")
6POT	2m x 1m (6' 6" x 3' 3")	EASY2GROW 12	1m x 2m (3' 3" x 6' 6")	6POT XL / XL FLEXIPOT 6	1.5m x 2m (5' x 6' 6")	6POT XXL 35/50	3m x 2m (9' 9" x 6' 6")
8POT	3m x 1m (9' 9" x 3' 3")	EASY2GROW 16	2.5m x 1m (8' 2" x 3' 3")	8POT XL / XL FLEXIPOT 8	1.5m x 3m (5' x 9' 9")	8POT XXL 35/50	4m x 2m (13' 1" x 6' 6")
9POT	2m x 2m (6' 6" x 6' 6")	EASY2GROW 20	3.5m x 1m (11' 5" x 3' 3")	9POT XL / XL FLEXIPOT 9	2m x 2m (6' 6" x 6' 6")	9POT XXL 35/50	3m x 3m (9' 9" x 9' 9")
12POT	2m x 2m (6' 6" x 6' 6")	EASY2GROW 24	2.5m x 2m (8' 2" x 6' 6")	12POT XL / XL FLEXIPOT 12	2m x 3m (6' 6" x 9' 9")	12POT XXL 35/50	4m x 3m (13' 1" x 9' 9")
16POT	2.5m x 2.5m (8' 2" x 8' 2")	EASY2GROW 40	2.5m x 3m (8' 2" x 9' 9")	16POT XL / XL FLEXIPOT 16	2.5m x 3.5m (8' 2" x 11' 5")	16POT XXL 35/50	4m x 3.5m (13' 1" x 11' 5")
24POT	2m x 3m (6' 6" x 9' 9")	EASY2GROW 48	4.5m x 2.5m (14' 8" x 8' 2")	24POT XL / XL FLEXIPOT 24	3.5m x 3.5m (11' 5" x 11' 5")	24POT XXL 35/50	9m x 3.5m (29' 5" x 11' 5")
36POT	3.5m x 3.5m (11' 5" x 11' 5")	EASY2GROW 60	3.5m x 3.5m (11' 5" x 11' 5")	36POT XL / XL FLEXIPOT 36	3.5m x 5m (11' 5" x 16' 4")	36POT XXL 35/50	9m x 4.5m (29' 5" x 14' 8")
48POT	4m x 4m (13' 1" x 13' 1")	EASY2GROW 80	4m x 5m (13' 1" x 16' 4")	48POT XL / XL FLEXIPOT 48	5m x 5m (16' 4" x 16' 4")	48POT XXL 35/50	12m x 4.5m (39' 4" x 14' 8")
60POT	5.5m x 3.5m (18' x 11' 5")	EASY2GROW 100	5.5m x 3.5m (18' x 11' 5")	60POT XL / XL FLEXIPOT 60	7m x 4.5m (23' x 14' 7")	60POT XXL 35/50	15m x 4.5m (49' 2" x 14' 8")
80POT	6m x 5m (19' 7" x 16' 4")			80POT XL / XL FLEXIPOT 80	6.5m x 6m (21' 3" x 19' 7")	80POT XXL 35/50	15m x 6m (49' 2" x 19' 7")
100POT	6m x 5.5m (19' 7" x 18')			100POT XL / XL FLEXIPOT 100	6.5m x 6.5m (21' 3" x 21' 3")	100POT XXL 35/50	15m x 7.5m (49' 2" x 24' 6")

\*All required floorspaces are approx. and based on min. area required. If modules are arranged in linear layouts (long straight runs etc) floorspace may vary. Required floorspace excludes reservoir.

# RESERVOIR REQUIREMENTS\*

\*All Reservoir Requirements required are approximate and based on min. capacity required.



8.5L / 2.2 GAL POT	RESERVOIR	15L / 3.9 GAL POT	RESERVOIR	20L / 5 GAL POT	RESERVOIR	25L / 6.6 GAL POT	RESERVOIR	35L / 9 GAL POT	RESERVOIR	50L / 13 GAL POT	RESERVOIR
x1-8	47L / 12.4 GAL	x1-6	47L / 12.4 GAL	x1-5	47L / 12.4 GAL	x1-5	47L / 12.4 GAL	x1-4	47L / 12.4 GAL	x1-4	47L / 12.4 GAL
x9-12	100L / 25 GAL	x7-11	100L / 25 GAL	x6-11	100L / 25 GAL	x6-11	100L / 25 GAL	x5-9	100L / 25 GAL	x5-9	100L / 25 GAL
x13-24	225L / 60 GAL	x12-23	225L / 60 GAL	x12-23	225L / 60 GAL	x12-23	225L / 60 GAL	x10-23	225L / 60 GAL	x10-23	225L / 60 GAL
x25-60	400L / 105 GAL	x24-60	400L / 105 GAL	x24-60	400L / 105 GAL	x24-60	400L / 105 GAL	x24-60	400L / 105 GAL	x24-60	400L / 105 GAL
x61-100	750L / 200 GAL	x61-100	750L / 200 GAL	x61-100	750L / 200 GAL	x61-100	750L / 200 GAL	x61-100	750L / 200 GAL	x61-100	750L / 200 GAL

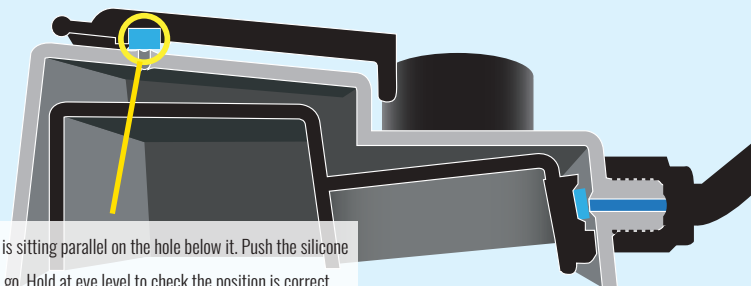


NUMBER OF SYSTEMS	RESERVOIR	NUMBER OF SYSTEMS	RESERVOIR	NUMBER OF SYSTEMS	RESERVOIR	NUMBER OF KITS	RESERVOIR	NUMBER OF SYSTEMS	RESERVOIR	NUMBER OF KITS	RESERVOIR
x1	50L / 12.4 or 13 GAL	x1	100L / 25 GAL	x1	100L / 25 GAL	x1-3	47L / 12.4 or 13 GAL	x1-3	47L / 12.4 or 13 GAL	x1-2	47L / 12.4 or 13 GAL
x2	100L / 25 GAL	x2	225L / 60 GAL	x2	225L / 60 GAL	x4-6	100L / 25 GAL	x4-6	100L / 25 GAL	x3-4	100L / 25 GAL
x4	225L / 60 GAL	x4	400L / 105 GAL	x4	400L / 105 GAL	x7-15	225L / 60 GAL	x7-15	225L / 60 GAL	x5-9	225L / 60 GAL
x8	400L / 105 GAL	x8	750L / 200 GAL	x8	750L / 200 GAL	x16-24	400L / 105 GAL	x16-24	400L / 105 GAL	x10-16	400L / 105 GAL
x10	750L / 200 GAL	x10	1000L / 265 GAL	x10	1000L / 265 GAL	x25-50	750L / 200 GAL	x25-50	750L / 200 GAL	x17-30	750L / 200 GAL

# SUCCESS WITH AUTOPOT

## AQUAVALVE SETUP & CARE

The AQUAvalve is the patented, power-free water control device that regulates the supply of water and fertiliser to your AutoPot Watering System. These Setup & Care Guidelines will help ensure your AQUAvalve functions perfectly and produces excellent results every time - for years to come.



Ensure this silicone is sitting parallel on the hole below it. Push the silicone in as far as it will go. 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. 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.
- 4 Properly inserted, the silicone will ensure the AQUAvalve floods your tray to 20mm<sup>3</sup>/<sub>4</sub>”, closes, and then allows the tray to completely drain before reopening. An improperly inserted silicone may prevent the AQUAvalve from flooding and draining correctly.

### AQUAVALVE CONNECTION

- ! Dip the end of your pipework in **hot** water to ease connection or disconnection. Dip the end of your pipework in **cold** water before threading through a grommet.

### 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 limescale 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 use a drill and drill bit to clear the AQUAvalve5 nozzle. This will potentially damage the AQUAvalve5 beyond repair.**
- 3 Always flush pipework thoroughly at the end of the growing season to remove sediment.
  - ! When using AQUAvalve in modules always ensure the 'half moon' section on the back is pushed firmly onto the T-shaped section in the module tray.

# SUCCESS WITH AUTOPOT

## ALL SYSTEMS - PLANTS

- 1 Placing small seedlings directly into an AutoPot Watering System is not advisable unless you are set up specifically for propagation. Only pot up suitably established plants in modules. Use the following as a guide to suitability:  
  
easy2grow 8.5L / 2.2 gal - **Min. plant height 150mm / 6"**  
1Pot 15L / 3.9 gal - **Min. plant height 225mm / 9"**  
FlexiPot / XL / XXL 20 / 5 gal - 50L / 13 gal - **Min. plant height 300mm / 12"**

## ALL SYSTEMS - SETTING UP

- 1 Always raise your reservoir to a minimum of 150mm (6") above the floor, re-fill your reservoir when there is a 1/3 of the water left... Never let your reservoir run empty.
- 2 Always use a filter with every reservoir, filters should be checked once a month and cleaned if necessary.
- 3 Never place an air stone in your reservoir as this can increase the pH of the water, a small water pump will work better but neither is essential.
- 4 Don't place trays on cold concrete floors, the water in the tray will be chilled from below and will affect plant growth, consider placing polystyrene, cardboard or similar under each tray to ensure the water temperature in the tray is not affected.

## ALL SYSTEMS - IN USE

- 1 AutoPot Watering Systems running AQUAvalve5 and 9mm / 3/8" pipe and fittings can be used to feed mineral or organic fertilisers via the reservoir and pipework.
- 2 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.
- 3 All nutrient types - When refilling your reservoir and adding your nutrients ALWAYS turn your reservoir tap off first. Then add your water and liquid fertiliser. Wait for 30 - 60 minutes. Turn your reservoir tap back on. Doing so prevents any agitated particles in the reservoir from being pulled through the pipework.

- 2 Once in the system allow your plants to establish before switching on. This is vital in order to encourage roots to seek out water and nutrients - they'll learn to feed better as a result.
- 3 If you are unsure as to whether your plant is established simply feel the weight of the pot, if heavy there is plenty of moisture in the pot, if light then turn the system on.
- 4 The amount of time establishing takes depends on many factors including plant type, temperature, humidity, and size of plant. Generally it's 5-21 days (dependant on pot size)
- 5 When potting up, always place 25mm / 1" of Growstones, washed gravel or pH stable clay pebbles in the bottom of each pot. Alternatively you can use an AirBase. Then place your grow media of choice on top, pot up and water through.
- 6 Before placing pots into module trays brush off any grow media stuck to the sides and bottom. This will ensure the tray and AQUAvalve are kept clean and function freely.
- 7 To prevent sediment build-up fit a tap to the end of your pipework run, this should be opened weekly and the water allowed to drain into a jug or similar for 30 seconds to 1 minute.
- 8 Growing more than six plants? Consider using a larger reservoir and supply the water via 16mm pipe reducing the pipe to 9mm at each AQUAvalve connection, using AutoPot fittings.

- 4 Ideally you should aim for a reservoir water temperature of 18-21°C / 64-70°F. During hot spells there are a few tricks you can use to help keep your temperature within this range.
  - Place your reservoir in a shaded area
  - Place a white cover over your reservoir
  - Place a sealed 1-2L / 0.25-0.5 gal bottle of frozen water in the reservoir
  - Use an AutoPot 'Reservoir Heat Shield' - this reflective jacket is specially designed for the 47L reservoir, it will help reflect heat away, keeping water temperature stable
- 5 Flushing through the tops of the pots is not necessary with AutoPot. Instead, simply fill your reservoir with plain water **only** 7-14 days prior to harvest and allow the plants to drink.

# SUCCESS WITH AUTOPOT

## 1POT SYSTEMS - PAGES 8-9

- 1 The 15 L / 3.9 gal pots used in 1Pot systems and the 8.5 L / 2.2 gal pots used in easy2grow systems are interchangeable and can be used in either tray design.
- 2 Use up to four 1Pot modules per square metre of growing space.

## EASY2GROW SYSTEMS - PAGES 10-11

- 1 The 8.5 L / 2.2 gal pots supplied as standard with easy2grow systems can be upgraded to 15 L / 3.9 gal pots - as used in 1Pot systems.
- 2 Use up to three easy2grow modules (6 plants) per sq. metre of growing space.

## 1POT XL SYSTEMS - PAGES 12-13

- 1 As well as the 25L / 6.6gal plastic pots supplied as standard, 1Pot XL system trays will also accommodate our 20L / 5 gal fabric FlexiPots
- 2 Use up to two 1Pot XL modules per square metre of growing space.

## XL FLEXIPOT SYSTEMS - PAGES 14-15

- 1 When growing with fabric pots it is important to monitor humidity - the breathability of the fabric pot means the humidity of the growing area may be increased.
- 2 Use up to two XL FlexiPot modules per square metre of growing space.

## XXL SYSTEMS - PAGES 16-17

- 1 If growing indoors leave the XXL's overflow plug in place. If growing outdoors remove the overflow plug. When growing outdoors, if heavy rainfall occurs turn your reservoir off until rain has stopped and the water has been drained / consumed.
- 2 Use one XXL module per square metre of growing space.

- 3 **1Pot Root Control - in the UK, in Canada, and RoW**  
Marix Disc in pot, Root Control Sheet in tray (gold face up)  
**1Pot Root Control - in the US**  
Root Control Sheet in tray (gold face up)

- 3 **easy2grow Root Control - in the UK, in Canada, and RoW**  
Marix Disc in the pot, PotSock on base of pot (gold face up)  
**easy2grow Root Control - in the US**  
Root Control Disc in the pot, PotSock on base of pot (both gold face up)

- 3 **1Pot XL Root Control - in the UK, in Canada, and RoW**  
Root Control Sheet in pot (gold face down)  
**1Pot XL Root Control - in the US**  
Root Control Sheet in pot (gold face down)

- 3 Fabric FlexiPots can be washed and reused extensively. Before washing allow to dry and brush off debris. **Do not tumble dry fabric pots.**
- 4 **XL FlexiPot Root Control -Worldwide** - PotSock on base of pot (gold face up)

- 3 Fabric FlexiPots can be washed and reused extensively. Before washing allow to dry and brush off debris. **Do not tumble dry fabric pots.**
- 4 **1Pot XXL Root Control -Worldwide** - PotSock on base of pot (gold face up)

## TRAY SYSTEMS - PAGES 18-19

- 1 Auto3 and Auto9 XL are available with our 25 L / 6.6 gal XL plastic pots or, BPA-free, lead-free 20L / 5 gal fabric pots.

## EASY2GO - PAGES 20-21

- 1 Use easy2GO with a flat bottomed garden tray. Select a tray with a min. depth of 30mm 1.25" and a max size of 1.2m x 1.2m / 4ft x 4ft
- 2 Always ensure your tray is completely level - use a bar spirit level to check during set up.
- 3 Ensure the pots you use have holes in the bottom to allow for upward absorption of water. and (when placed directly in tray) are minimum 8L / 2gal capacity. If smaller pots are to be used create a gravel bed inside the tray, to a depth of 25mm / 1".

## TRAY2GROW - PAGES 22-23

- 1 Always ensure the surface you're placing your tray on is flat and sound, ideally with reference to a bar spirit level. Avoid setting up on surfaces such as gravel as these materials can shift over time.
- 2 If using a grow bag fluff it up to loosen the media and perforate the underside before placing in the tray to improve aeration and drainage.
- 3 If growing outdoors remove the overflow plug, allowing any excess water that may accumulate during rainfall to escape. If heavy rainfall occurs turn your reservoir off until rain has stopped and the water has been drained / consumed. If growing indoors leave the overflow plug in place.
- 4 If using Tray2Grow with pots, trays, or planters always pre-soak the capillary matting and root control sheet before fitting.
- 5 If using a Tray2Grow Fabric Planter always place the Planter in the Tray2Grow **BEFORE** filling and potting up - it will be too heavy to move if filled outside.
- 6 Once your bag, planter, pots, or trays are in place and planted up water them through with a watering can. Allow your plants to take up this water before switching the system on.

- 2 When positioning ensure the trays are level. The spirit level in the AQUAvalve cover will provide a good indication.
- 4 Always sit the easy2GO Kit directly on the tray surface, never on capillary matting.
- 5 Clean the bottom and sides of pots before placing in the tray.
- 6 Using the fittings included you can easily create a larger setup in which multiple easy2GO Kits are supplied by just one reservoir. You can irrigate up to 3x easy2GOs with a 47L / 12.4 gal Reservoir. For larger setups increase your reservoir capacity at approx 15L / 3.9 gal per easy2GO Kit.
- 7 In early stages irrigate growbags sparingly. Consider switching Tray2Grow on and off intermittently in order for plants to take up irrigation.
- 8 As grow bags typically include some degree of feed within the grow media it's often best to supply plain water for a few weeks before gradually introducing liquid feeds via the reservoir and pipework.
- 9 If using pots or seed trays always ensure that they have holes on the underside that allow your grow media to be in contact with the root control sheet and matting beneath. This is essential in order for uptake of water and/or nutrients to occur.
- 10 Using the fittings included you can easily create a larger setup in which multiple Tray2Grow Systems are supplied by just one reservoir. You can irrigate up to 3x Tray2Grows with a 47L / 12.4 gal Reservoir. For larger setups increase your reservoir capacity at approx 15L / 3.9 gal per Tray2Grow
- 11 Tray2Grow Fabric Planters are easily disassembled for cleaning and/or storage. The planter fabric should be machine washed on a cool cycle. Once washed the planter fabric should be air-dried. **DO NOT TUMBLE DRY.** Once dry simply brush off any debris before reusing or storing.

# SUCCESS WITH AUTOPOT

## AQUABOX - PAGES 24-25

- 1 Ensure the AQUABox is level in the soil by using the circular spirit level in the lid.  
  
Ensure capillary matting slopes away from the AQUABox at a slight downward gradient. For best results, replace capillary matting every season.  
  
The lid of the AQUABox should sit proud of the final soil level and remain uncovered to allow access if required. Keep the lid on the AQUABox closed at all times, this will prevent rain from washing soil inside.
- 2 Once the AQUABox is installed and the lid is closed, water the bed thoroughly using a hose or watering can. Allow the bed to drain, then plant up. Water the seeds/plants through again to bed them in.
- 3 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.

## CO<sub>2</sub> GENERATOR - PAGES 26

- 1 Always position your CO<sub>2</sub> Generator on the floor, never raise it. If you have a fan or air circulation system route the upper pipe of the Generator into the back of a circulation fan so CO<sub>2</sub> is distributed evenly throughout the growing environment.
- 2 The pump used with your CO<sub>2</sub> Generator should not exceed 1.3-1.5L per min. output
- 3 Use a timer to pulse the CO<sub>2</sub> Generator during 'daylight periods' so that it operates for 5-10 mins and then turns off for 60 mins.
- 4 During the 'dark period' your timer should be set to shut the CO<sub>2</sub> Generator off. Whilst switched off during 'dark periods' the active CO<sub>2</sub> producing bacteria come to life, re-energising the CO<sub>2</sub> Generator.
- 5 As CO<sub>2</sub> levels of over 1100ppm have no extra effect on plant growth, you only stand to waste your inputs by blindly ramping up concentrations. Armed with readouts from a CO<sub>2</sub> Detector you can adjust your inputs to the 1100ppm 'sweet spot'.

- 4 During periods of persistent rain turn your AQUABox off. This can be done using your the inline tap if using the Golf Filter or your reservoir tap if using the Click Fit Adapter & Filter.
- 5 During early stages you may not need to use all the strips on a Spyder. Strips can be 'deactivated' even once set up with the strips still buried. To deactivate a strip simply tuck the end of the strip in the AQUABox up and away from the water supply. Strips can be reactivated as requirements increase - especially with handy for tomatoes etc.
- 6 Using the fittings included you can easily create a larger setup in which multiple AQUABoxes are supplied by just one reservoir. You can irrigate via 2x AQUABoxes using a 47L / 12.4 gal Reservoir. For larger setups increase your reservoir capacity at approx 25L / 6.6 gal per AQUABox.
- 7 Over time you'll notice that the top of your growing media is dry. There is no need to be concerned as the water is being supplied by the capillary matting below the surface.
- 6 The abundant supply of CO<sub>2</sub> produced by a Generator means you can run your LED's at higher output levels, safe in the knowledge that any increased demand for CO<sub>2</sub> will always be satisfied. Combined, the heightened levels of growth-producing light and carbon dioxide result in vastly enhanced yields!
- 7 A ready supply of CO<sub>2</sub> means you can dial down your fans and retain room heat. With ventilation dialled down (in order to retain room heat) humidity will start to rise. However, increased humidity can be easily, inexpensively countered with a dehumidifier.
- 8 The bacteria in CO<sub>2</sub> Generator are most productive at temperatures of 22°C / 71.5° F. When not in use, store the Generator 15°C / 59°F to preserve the natural bacteria and CO<sub>2</sub>-producing manure.
- 9 Once depleted, the natural bacteria and manure inside CO<sub>2</sub> Generator can be safely and productively disposed of as an ideal garden fertiliser.

## RAPID ROOTS - PAGE 27

- 1 When preparing media for cuttings always stabilise rockwool cubes to pH 5.5 and soil/peat rooting cubes to pH 5.8 prior to use.
- 2 When stabilising your media of choice a few drops of Rapid Roots can be added to the soak to enhance the pre-loaded nutrient content.

## AIRDOME - PAGE 28

- 1 Always use an 'open' growing media with min. 50% perlite or similar to maximise aeration.
- 2 Each AirDome needs no more than 1 L / 0.25 gal per minute in pump output. Exceeding this may cause air to 'blow back' and impede AQUAvalve function
- 3 Wait 2-3 weeks for your plant to establish before switching AirDome on. Keep air pumps away from cold surfaces and set your timer to switch off at night.
- 3 When taking cuttings remove 1-2 cm more than is required from the plant, then trim your cutting down at a 45° angle using a scalpel.
- 4 If propagating on coco matting ensure that your rooting cube tray is flat based and perforated - allowing cubes contact the irrigation source beneath and facilitating uptake.

## AIRBASE - PAGE 29

- 1 It is not necessary to force grow media into the holes of the AirBase, simply sprinkling some into the pot and shaking it into place will suffice.
- 2 If using AirBase with AirDome always use an 'open' growing media with a minimum of 50% perlite or similar in order to maximise aeration.
- 3 Blow warm air into the rootzone - never hot or cold - temps of 18-21°C are perfect.
- 4 If using AirDomes with large systems, consider using larger pumps that allow you to connect 16mm / 1/2" pipe (standard hosepipe). Mirror your water supply and reduce the pipe to 6mm / 1/4" at each AirDome connection, using AutoPot fittings.
- 5 AirDome is easily integrated with AirBase - for a well-drained, oxygen-rich rootzone.

## POTDIVIDER - PAGE 30

- 1 It is not necessary to force grow media into the holes of the PotDivider, simply sprinkling some into the pot and shaking it into place will suffice.
- 2 PotDivider is suitable for all grow media and is dishwasher-safe for easy cleaning between seasons.

## AQUAPLATE - PAGE 31

- 1 When using AQUAplate you can add an airstone to the tray for supercharged growing
- 2 Aim for water temperature of 18-21°C / 64-70°F when using the AQUAplate

## PROPAGATION LIDS - PAGE 32

- 1 Initially keep lid vents closed to create a micro environment. The lid helps generate humidity young plants crave. As the plants increase in size half open the vents.
- 2 Fully open vents to harden off your plant. Once vents are fully opened leave for several days prior to removing the lid.

# autopot.co.uk

## Available Worldwide



### **Manufacturer**

Email: [mail@autopot.co.uk](mailto:mail@autopot.co.uk)

Web: [www.autopot.co.uk](http://www.autopot.co.uk)



### **Distributor**

Email: [info@autopot-usa.com](mailto:info@autopot-usa.com)

Web: [www.autopot-usa.com](http://www.autopot-usa.com)



### **Distributor**

Web: [www.autopot.de](http://www.autopot.de)



### **Distributor**

Email: [info@autopot-canada.ca](mailto:info@autopot-canada.ca)

Web: [www.autopot-canada.ca](http://www.autopot-canada.ca)



### **Distributor**

Email: [info@autopot.nl](mailto:info@autopot.nl)

Web: [www.autopot.nl](http://www.autopot.nl)



### **Distributor**

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### **Distributor**

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Web: [www.autopot.co.nz](http://www.autopot.co.nz)



### **Distributor**

Email: [info@huboma.ch](mailto:info@huboma.ch)

Web: [www.autopot.ch](http://www.autopot.ch)



### **Distributor**

Hydrogarden S.A. - Email: [enquiries@hydrogarden.co.za](mailto:enquiries@hydrogarden.co.za)

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Web: [www.autopot-southafrica.co.za](http://www.autopot-southafrica.co.za)

## AutoPot Global Ltd

Unit 5, 108 Hawley Lane,  
Farnborough,  
Hampshire  
GU14 8JE,  
UNITED KINGDOM

Tel: +44 (0)1276 534900

Email: [mail@autopot.co.uk](mailto:mail@autopot.co.uk)

Web: [autopot.co.uk](http://autopot.co.uk)

 [autopot\\_global](https://www.instagram.com/autopot_global)

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## AutoPot USA

### **Postal Address**

AutoPot USA,  
10016 Pioneer Blvd, Suite 222  
Santa Fe Springs,  
CA 90670

Tel: +1 (702) 338-0373

Email: [info@autopot-usa.com](mailto:info@autopot-usa.com)

Web: [autopot-usa.com](http://autopot-usa.com)

 [autopot\\_usa](https://www.instagram.com/autopot_usa)

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