



HIGHLIGHT
HORTICULTURE

OPTIONS

UK'S FAVOURITE LOYALTY SCHEME



**YOU POINTS,
YOUR CHOICE**

Hello and welcome to Highlight Horticulture's 2023/24 product catalogue.

There are, as usual, many new products to have a look at both from existing and new (to us) manufacturers and brands – GrowMax Water Filtration, Super Lumen Lighting, Wind King Fans, Newa Water pumps/heaters, Garland Garden products, Blue Lab pH/EC Control, UGROW dried coco substrates and Grodan Rockwool to name but a few.

The most exciting news for us so far this year has been the completion of purchasing all of the in-house brands and business interests of the award-winning UK distributor Maxigrow. It's a huge bonus for us and Highlight Horticulture now has the UK's most extensive range of plant lighting products including all of the most exciting new LED fixtures from Maxibright, SANlight, HortiKing, Sunking, Super Lumen as well as electronic & magnetic ballasts and lamps from both Sun Master (Venture Lighting) and Maxibright. We are now a truly genuine one stop option for many of our customers, choosing to buy almost exclusively from us to ensure you receive the most competitive products and pricing available with a service that's second to none.

We also have many ideas for new and innovative products in the ranges, please keep an eye out for our newsletters and on our ordering portal to keep up to date.

Our Highlight "Options" loyalty scheme keeps on going from strength to strength, with most of our customers now signed up and saving their points to spend on almost anything they can imagine.

We have the best brands, the best quality, and the best prices!

Once again, the team at Highlight would like to offer a great big thanks to you all for the trade you have given us and look forward to providing you with our great service.

'We keep you growing'

David Oates MD



Voted by stores and industry experts for the Garden Culture Magazine Hydro Poll





BOOK 2023/24

| | | | |
|---------------------------------|------------|--------------------------|------------|
| NUTRIENT & ADDITIVES | 5 | GROW SYSTEMS | 139 |
| food for thought | | automated control | |
| PH & EC CONTROL | 59 | HOME & GARDEN | 175 |
| accuracy is key | | all you need | |
| PEST CONTROL | 79 | LIGHTING | 209 |
| kill all critters | | indoor sun | |
| GROWING MEDIA | 85 | AIR MOVEMENT | 249 |
| down and dirty | | blown away | |
| PROPAGATION | 101 | ENVIRONMENT | 275 |
| the best start | | ambience perfected | |
| GROW ROOM | 119 | ACCESSORIES | 291 |
| home from home | | everyday essentials | |





5

NUTRIENTS & ADDITIVES



CANNA COCO

CANNA COCO is a line of nutrients and substrates developed for growing plants in coco.

CANNA COCO was the first cultivation product line for coco.

Nowadays, it's the most popular growing product line for both professionals and hobbyists.

COCO two-part coco nutrient

Coco A & B is a complete professional nutrient solution for growing plants in coco. It contains all of the essential elements for optimal growing and flowering.

Thanks to the special characteristics of coco substrate, CANNA Coco doesn't have Vega and Flores variants but is one unique formulation for both the growth and blooming phase. We can't make things easier!

CANNA Coco is easy to use, dissolves directly and is extremely suitable for growing in all watering systems, such as run-to-waste systems, flood and drain systems and ebb-and-flow systems.

| | | | | | | | | |
|-----|----|-------|----|-------|-----|-------|-----|-------|
| A&B | 1L | 00338 | 5L | 00339 | 10L | 00340 | 20L | 40346 |
| A | 1L | 02492 | 5L | 02494 | 10L | 02490 | 20L | 40344 |
| B | 1L | 02493 | 5L | 02495 | 10L | 02491 | 20L | 40345 |

CANNA TERRA

Since their launch, Terra Vega and Terra Flores have become the most used nutrients worldwide for cultivating short-cycle and fast-growing plants in potting mix.

The CANNA TERRA line's composition has been adjusted to suit these types of plants.

Terra Vega and Flores contain all your needed nutrients in a form that can be absorbed directly, ensuring that optimal intake is guaranteed from the start of cultivation.



TERRA VEGA grow nutrient

The development of vital young side shoots and good roots is characterised by healthy, fast growth. This is the basis needed for achieving top results.

Terra Vega contains all of the nutritional elements that plants need during this phase.

Terra Vega works universally and is suitable for use with all types of potting mixes.

| | | | |
|-----------|-------|-----|-------|
| T VEGA 1L | 00332 | 5L | 00333 |
| 10L | 00334 | 20L | 39742 |

TERRA FLORES flower nutrient

It is certainly desirable that all nutritional elements plants need be directly available in the correct proportions during their exuberant flowering phase.

It is for this reason that Terra Flores contains all the nutritional elements that plants need during the flowering phase.

| | | | |
|-------------|-------|-----|-------|
| T FLORES 1L | 00335 | 5L | 00336 |
| 10L | 00337 | 20L | 39743 |



CANNA AQUA

CANNA AQUA is a user-friendly range of products for mind-blowing yields in recirculating systems.

Aqua Vega is a fast working nutrient solution for plants, containing all of the essential elements for optimal growth.

Aqua Flores is a complete nutrient solution for plants, containing all of the essential elements for optimal flowering.

AQUA VEGA recirculating system nutrient

CANNA Aqua Vega is a fast-working nutrient solution for plants that contains all of the essential elements for optimal growth. The growth phase is important because during this phase, plants lay the basis for an exuberant bloom and yield.

Aqua Vega is used in recirculating systems, such as NFT or ebb and flow systems.

Due to the special composition of this nutrient, it is not necessary to adjust the pH levels after setting it initially.

Aqua Vega ensures strong plants with vital growth spurts and excessive root development.

Directly absorbable nitrogen compounds, high-quality EDDHA iron chelating agents and trace elements guarantee an ideal start for the bloom.

AQUA FLORES recirculating system nutrient

CANNA Aqua Flores is a complete nutrient for plants, containing all of the essential elements for optimal flowering.

Aqua Vega is used in recirculating systems, such as NFT or ebb and flow systems.

In a plant's blooming phase, it is vitally important that all necessary nutrients are directly available in the right quantities.

Aqua Flores stimulates the growth of fruits and contains all necessary elements required during the blooming phase. For example, a plant requires less nitrogen during the blooming phase; however, its need for potassium and phosphorous is greater. Aqua Flores is rich in these elements, and its special chelated trace elements allow for direct absorption, resulting in a perfect bloom.

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|-----|-------|-------|----|-------|-----|-------|-----|-------|-------|----|-------|
| A&B | 1L | 01118 | 5L | 01114 | 10L | 01115 | A | 1L | 02486 | 5L | 02488 |
| 10L | 02484 | B | 1L | 02487 | 5L | 02489 | 10L | 02485 | | | |

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|-----|-------|-------|----|-------|-----|-------|-----|-------|-------|----|-------|
| A&B | 1L | 01017 | 5L | 01117 | 10L | 01116 | A | 1L | 02480 | 5L | 02488 |
| 10L | 01116 | B | 1L | 02481 | 5L | 02483 | 10L | 02479 | | | |





CANNA HYDRO

Hydro Vega and Hydro Flores contain all of the elements a plant requires in a form that can be absorbed directly, ensuring optimal uptake as soon as the plant begins to grow. This results in maximum yield and full flavour.

HYDRO VEGA run-to-waste nutrient

CANNA Hydro Vega is a complete nutrient solution for the growth phase, specially developed for cultivation on inert media.

Fast and healthy growth is characterised by vigorous shoots and good development of the root system. This forms the basis for achieving top-tier results.

CANNA Hydro Vega contains all of the nutrients a plant needs in this phase. You will need to apply the nutrient solution 1–3 times a day.

You must also ensure that the drainage is such that 10–20% of the nutrient-infused irrigation water leaves the growing medium.

Under normal circumstances, you will need 3–5L of nutrient solution per square metre per day.

| Hard Water | | | | | | Soft Water | | | | | | | |
|------------|----|-------|----|-------|-----|------------|-----|----|-------|----|-------|-----|-------|
| A&B | 1L | 00317 | 5L | 00318 | 10L | 00319 | A&B | 1L | 00323 | 5L | 00324 | 10L | 00325 |
| A | 1L | 02474 | 5L | 02476 | 10L | 02496 | A | 1L | 02466 | 5L | 02464 | 10L | 02462 |
| B | 1L | 02475 | 5L | 02477 | 10L | 02497 | B | 1L | 02467 | 5L | 02465 | 10L | 02463 |

HYDRO FLORES run-to-waste nutrient

CANNA Hydro Flores has been specially developed for use during the flowering phase. During a plant's flowering phase, all nutrients must be available quickly and in the right quantities for the plant to absorb directly.

Again, when using CANNA Hydro Flores, ensure that the drainage is such that about 10–20% of the water leaves the growing medium. This usually means applying 4–6L of nutrient solution per square metre per day.

This will ensure that all elements are directly available to the plants when they actually need them.

| Hard Water | | | | | | Soft Water | | | | | | | |
|------------|----|-------|----|-------|-----|------------|-----|----|-------|----|-------|-----|-------|
| A&B | 1L | 00320 | 5L | 00321 | 10L | 00322 | A&B | 1L | 00326 | 5L | 00327 | 10L | 00328 |
| A | 1L | 02470 | 5L | 02472 | 10L | 02468 | A | 1L | 02458 | 5L | 02460 | 10L | 02456 |
| B | 1L | 02471 | 5L | 02473 | 10L | 02469 | B | 1L | 02459 | 5L | 02461 | 10L | 02457 |



CANNA COGr

COGr consists of a specially formulated mixture of coco husks, coco fibre and coco granulate. This medium offers the advantage that it is aerated, therefore making it easier to control, resulting in faster root development and a higher yield!

COGr is compressed and dried, for easy transportation and storage.

Three revolutionary fertilising products have been developed especially for use with COGr. COGr Vega/Flores and COGr Buffer Agent.

COGr VEGA COGr boards grow nutrient

COGr Vega is a complete professional nutrient solution for the growing period of plants in COGr boards.

COGr Vega ensures healthy and strong plants that produce long, vigorous growth shoots.

COGr Vega contains all the essential elements for optimal growth. It also contains pH stabilisers and humic and fulvic acids.

COGr nutrients in combination with COGr growing substrate are an ideal combination for the experienced and demanding grower.

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|---------------|----|-------|----|-------|-----|-------|
| COGr Vega A&B | 1L | 01020 | 5L | 01093 | 10L | 01323 |
| COGr Vega A | 1L | 02506 | 5L | 02508 | 10L | 02504 |
| COGr Vega B | 1L | 02507 | 5L | 02509 | 10L | 02505 |

COGr FLORES COGr boards flower nutrient

CANNA COGr Flores is a complete professional nutrient solution for the blooming period of plants in COGr boards.

It stimulates fruit development and provides unequalled juice production and large fruits.

COGr Flores in combination with COGr growing medium is the best solution for the experienced and demanding grower.

COGr Flores contains all of the essential elements for optimal flowering. It also contains pH stabilisers and humic and fulvic acids.

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|-----------------|----|-------|----|-------|-----|-------|
| COGr Flores A&B | 1L | 01021 | 5L | 01094 | 10L | 01324 |
| COGr Flores A | 1L | 02500 | 5L | 02502 | 10L | 02498 |
| COGr Flores B | 1L | 02501 | 5L | 02503 | 10L | 02499 |



BIOCANNA

BIOCANNA fertilisers are guaranteed 100% organic and especially developed for cultivation in potting mix. Products grown with BIOCANNA fertilisers may be called biological or ecological, provided they are grown biologically and in accordance with the international CU guidelines.

BIO VEGA bio grow nutrient

Bio Vega has been developed especially for the growth phase of plants. Bio Vega is rich in highly absorbable betaine nitrogen, which is released according to your plants' needs. The bio-active substances in Bio Vega stimulate root development and the formation of strong growth shoots.

BIO FLORES bio flower nutrient

Bio Flores has been developed for the blooming phase of plants. Due to the fact that Bio Flores is made of plant material, it provides many necessary minerals in the correct proportions. In addition to these minerals, the fermented plant material also contains substances such as betaine and a lot of amino acids, which provide plants with extra blooming power.

| | | | | | |
|-------------------------|--------------|-----------|--------------|-----------|--------------|
| BIO VEGA 500ml | 37648 | 1L | 01332 | 5L | 01333 |
| BIO FLORES 500ml | 37649 | 1L | 01330 | 5L | 01331 |

BIO RHIZOTONIC bio root stimulant

The most powerful root stimulator for organic growth. Bio RHIZOTONIC is a 100% natural and organically certified root stimulator, containing a range of vitamins, including B1 and B2. Bio RHIZOTONIC stimulates the development of root hairs and root tips and increases plants' resistance. A powerful root system ensures that a plant can absorb more nutrients and grow faster. Bio RHIZOTONIC has a noticeably vitalising effect on plants.

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|-----------------------|--------------|-----------|--------------|
| BIO RHIZ 250ml | 01687 | 1L | 02406 |
|-----------------------|--------------|-----------|--------------|

BIO BOOST bio flowering stimulant

Bio BOOST is a yield-increasing agent for all cultivation systems and can be applied in combination with all of CANNA's nutritional lines and additives. Bio BOOST is not a nutrient but a natural fermented plant extract with great bloom-stimulating characteristics, which are also responsible for fuller flavour. Bio BOOST was developed by CANNA Research via plant extracts from tropical rainforests. It is a true boost for plants.

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| BIO BOOST 250ml | 01335 | 5L | 01334 |
|------------------------|--------------|-----------|--------------|



RHIZOTONIC

root stimulant

CANNA RHIZOTONIC is a powerful algae based vegetative stimulator for plant roots. It contains multiple vitamins and is 100% natural. RHIZOTONIC contains more than 60 microbiological substances that considerably speed up the growth of a balanced root environment.

In addition to stimulating root growth in plants that are already rooted, it also stimulates new root growth on cuttings and transplants. Various trace elements and vitamins, such as B1 and B2, stimulate the production of hormones and root growth, thus providing beautiful, strong white roots.

Because RHIZOTONIC stimulates root growth, it improves the strength of the plants. This is especially important during the first weeks of a plant's life, since young plants are the most vulnerable.

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|------------------|-------|----|-------|
| RHIZOTONIC 250ml | 00341 | 1L | 00343 |
| 5L | 01895 | | |



CANNAZYM

a unique blend of enzymes

CANNAZYM is a high-quality enzyme product that speeds up the breakdown process of dead root material and activates beneficial microorganisms.

CANNAZYM also helps plants take up nutrients and increases their resistance against diseases. Enzymes are substances that speed up the reactions in living organisms. For example, enzymes play a vital role in our digestion.

They turn dead roots into minerals and sugars. This is important because these minerals and sugars make up a valuable source of nutrients for plants.

CANNAZYM consists of more than 12 different kinds of enzymes, to which vitamins and desert plant extracts are added. These elements improve the plants' uptake of nutrients and defence system.

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|----------------|-------|----|-------|
| CANNAZYM 250ml | 01609 | 1L | 00330 |
| 5L | 00331 | | |



PK 13/14

concentrated flowering additive

Potassium and phosphorus are essential for flowering and fruit-setting plants.

CANNA PK 13/14 is a quality mixture of potassium and phosphorous compounds. CANNA PK 13/14 dissolves easily in water and, therefore, is immediately available.

Use CANNA PK 13/14 from the moment a flower bud develops or at the onset of fruiting.

CANNA only uses high-grade nutrients and chelates, which are immediately and completely available to plants.

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|----------------|-------|----|-------|
| PK 13/14 250ml | 01610 | 1L | 00345 |
| 5L | 00346 | | |



BOOST ACCELERATOR

plant metabolic stimulant

BOOST Accelerator was launched by CANNA in 2007 after an extensive research project to develop a better plant growth booster than anything available on the market. The resulting product is a liquid metabolism elicitor with a high energy content and no added plant growth regulators.

The oligosaccharide polymer is one of the most important elements of this stimulant, with the specific group of oligosaccharides of interest coming from the breakdown of plant cells as well as the fermentation of micro-organic cells into carbohydrates of a specific length and form. Then, the fermentation process begins, reducing these simple sugars into ethanol. This ethanol is removed, and the remaining components are converted into what becomes CANNA BOOST Accelerator.

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|-------------|-------|-----|-------|
| BOOST 250ml | 01579 | 1L | 01580 |
| 5L | 01581 | 10L | 40343 |



CANNA START
young plant nutrient

CANNA Start is a balanced one-part nutrient for seedlings and (rooted) cuttings. CANNA Start can be used on various substrates, such as rockwool plugs, coco pellets, jiffy plugs, seed mixes and most other propagation media, except for recirculating systems and clone machines. Propagation media are media on which you can reproduce plants.

CANNA Start gives you all the micro and macro nutritional elements a seedling or cutting needs to develop into a strong, healthy plant.

CANNA FLUSH
fast nutrient flush

CANNA Flush is a product used to clean substrates and plants of any excess nutrients. Excess nutrients in the root zone of a plant can lead to over-fertilisation or malnutrition.

When used just before harvest, it makes sure the plants get rid of all excess nutrients, which will lead to a clean and tasty harvest.

CANNA Flush effectively cleans the substrate without killing any useful bacteria or beneficial fungi, as may be the case when you use reverse osmosis or de-mineralised water.

It can be used on all substrates. CANNA Flush is recyclable.

CANNACURE
vitality boosting foliar spray

CANNACURE is a unique leaf nutrient that prevents and controls plant pests and mildew. It's environmentally friendly and free of toxins. CANNACURE ensures healthier plants, bigger flowers and increased yields.

It is important that CANNACURE is applied thoroughly on both sides of the leaves. Use CANNACURE once a week as a preventive measure to make sure that plant pests cannot attack the leaves. If you have a heavy infestation of mildew, whiteflies, spider mites or mealybugs, for example, spray every three days and repeat after a further three days if necessary. You can then continue spraying weekly as normal.

CANNACURE can be used from the beginning of growth until harvest alongside your normal feeding routine.

CALMAG AGENT
water hardness improver

In response to popular demand, CANNA has produced CALMAG AGENT. You can use this product to raise the calcium and magnesium content of your soft water, which will increase its EC.

It will improve your water to make sure your plants can grow strong and healthy.

- Fewer plant deficiencies**
- Increased nutrient uptake**
- Stronger plants**
- Stimulates better-quality flowers**
- Highly concentrated**
- Increases the EC of your water**
- Less nutrients required**

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|-------------|-------|----|-------|
| START 500ml | 01888 | 1L | 01889 |
| 5L | 01890 | | |

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|-------------|-------|----|-------|
| FLUSH 250ml | 01891 | 1L | 01892 |
| 5L | 01893 | | |

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|----------------------|-------|----|-------|
| CANNACURE 750ml(RTU) | 02405 | 1L | 02406 |
| 5L | 02407 | | |

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| CALMAG AGENT 1L | 05174 | 5L | 05175 |
| 10L | 05176 | | |



IRON

for healthy chloroplasts

CANNA Iron plays a number of important roles in a plant's overall metabolism, which makes it an essential element. It plays a major part in photosynthesis and a large part in the production of chlorophyll.

CANNA Iron is chelated, so it can be absorbed by the plant directly and mixed with all fertilisers. It has a stable pH.

It is the perfect product to replenish a plant's iron deficiency and stimulate growth and blooming.

MAGNESIUM

key element in photosynthesis

CANNA Magnesium is essential for photosynthesis.

It is an essential atom in chlorophyll. Furthermore, magnesium influences other pigments and physiological processes. This makes it an essential element in a plant's development.

CANNA Magnesium can be directly absorbed by plants, and therefore, the effects can be seen quite soon.

It can be used as a fertiliser for magnesium deficiency and as a supplementary nutrient to stimulate growth and blooming.

TRACE ELEMENTS

balance of key micro-nutrients

CANNA's Trace Elements consists of several trace elements that are essential for the development of your plants.

These trace elements are used for several enzyme systems and, therefore, have an influence on the development of plants.

CANNA's Trace Elements is a mineral fertiliser and is extremely suitable as a supplementary nutrient to stimulate the growth and blooming of plants. Moreover, it can serve to reduce a deficiency of trace elements.

POTASSIUM

water and nutrient transport

CANNA Potassium improves the quality and quantity of flowers.

This organic product makes the cell wall stronger and also increases resistance. It improves the production of proteins, blooms and carbohydrates.

It also improves the water management and transport of water and nutrients in plants.

CALCIUM

build strong and healthy plants

Optimise plant tissues using CANNA Calcium.

It stabilises cell walls, influences growth hormones and regulates the transport of water and nutrients in plants. In addition, liquid calcium can be directly absorbed by plants, so the cell tissue will be immediately strengthened.

CANNA Calcium can be used as calcium fertiliser to replenish a deficiency or as a supplementary nutrient to stimulate growth.



NITROGEN

important for all growth stages

CANNA Nitrogen will stimulate the growth of your plants.

Nitrogen plays a major part in the protein production and energy metabolism of plants

It can be used to improve a nitrogen deficiency and as a supplementary nutrient to stimulate growth.

The liquid can be directly absorbed by plants and improves their vegetative growth.

PHOSPHORUS

used in energy production

CANNA Phosphorus influences a plant's blooming and secondary metabolites and can be directly absorbed by the plant due to its liquid form.

CANNA Phosphorus is the perfect product for stimulating a bloom or curing a phosphorus deficiency in a plant.

Phosphorus is an essential element that plays a major part in a plant's energy system.

D-BLOCK

keeps irrigation flowing

CANNA D-Block is an organic product based on anionic detergents.

CANNA D-Block cleans and prevents obstructions in drip and spraying systems during cultivation. It also prevents the buildup of precipitant.

Use CANNA D-Block pre-emptively during every irrigation (the product is completely non-toxic) and make sure that the pipes and dripper remain wet internally between irrigations.

STARTER KIT TERRA

This set contains everything your plant needs, including the following:

- 1L TERRA Flores**
- 1L TERRA Vega**
- 250ml RHIZOTONIC**
- 125ml CANNA BOOST**
- 125ml CANNAZYM**
- 50ml PK13/14**
- 1 Grow guide**
- 1 Pests & diseases leaflet**
- 1 Deficiency leaflet**

STARTER KIT COCO

This set contains everything your plant needs, including the following:

- 1L CANNA COCO A&B**
- 125ml CANNAZYM**
- 250ml RHIZOTONIC**
- 125ml CANNA BOOST**
- 50ml PK13/14**
- 1 Grow guide**
- 1 Pests & diseases leaflet**
- 1 Deficiency leaflet**

BIOBIZZ®

WORLD WIDE ORGANICS

From planting seeds to picking the first produce, Biobizz is a leader in its field when it comes to eco-friendly crop cultivation.

Potting soil, liquid fertilisers, substrate enhancers – Biobizz produce a huge range of 100% biological products for all kinds of plants. In fact, ever since its beginning in 1992, Biobizz has helped people grow successfully and organically, with no Earth-hating chemicals in sight.

GREEN THINKING

Our philosophy is pure and simple: to be ecologically aware and make the organic cultivation of crops accessible for everyone without leaving behind any negative impacts on the environment.



BIO-GROW

certified organic plant nutrition

You can apply this liquid growth fertiliser to most types of soil and substrate mixtures. It has 100% organic Dutch sugar beet extract, commonly known as vinasse – as its base.

The starches in the sugar are treated with enzymes to produce glucose that (along with other plant nutrients) helps produce a rich food source for soil microbes, boosting their populations for more productive soil.

The natural sugars and potassium in BIO-GROW activate the bacterial flora in the substrate to guarantee an ample harvest of deliciously sweet fruit.

BIO-BLOOM

certified organic plant nutrition

Hoping for exuberant flowers that lead to tasty fruits? Then, this 100% organic and completely liquid fertiliser (as its name suggests) is what you need.

It contains an optimum blend of nitrogen, phosphorous and potassium along with enzymes and amino acids, all of which work together in perfect harmony with the substrate. Trace elements and hormones of vegetable origin have also been added to help create strong-stemmed and vigorous flowering plants.

Potassium and phosphorus help the bulbs, calyces and petals form and grow. In particular, the potassium works with the natural rhythm of the plants throughout the day and night, which helps trigger the flowering process.



FISH•MIX

bio substrate enricher

A rich infusion of organic fish emulsion from the North Sea mixed together with Dutch sugar beet extract helps accelerate the growth of living organisms in your substrate. It also stimulates the production of micro-organisms and useful bacteria in all types of soil and coco-based substrates. It's also good to know that the product is in keeping with our strict organic farming requirements.

FISH•MIX is not extracted with acids or stabilised with BHT (butylated hydroxytoluene, a synthetic preservative). After a few days of use, it will have transformed poor-quality earth into rich, fat soil – full of the natural minerals your plants are hungry for.

TOP•MAX

bio flower stimulant

This organic flowering strengthener contains ingredients that can help increase the actual size and weight of the flower clusters.

Nutrient uptake is improved. Plants grown have sweeter, smoother-tasting flowers. How it activates the flow of nutrients is essentially down to how it's able to free up the minerals, calcium, iron and magnesium in the soil, which stimulate plants' metabolism.

TOP•MAX is incredibly effective because of the humic acids it contains. The main source of these is the ancient substance leonardite.

BIO•HEAVEN

bio plant booster

This product contains carefully selected biological stimulants, such as amino acids – the basic building blocks for proteins and enzymes, which are essential to a plant's structure and metabolism.

It improves the effects and translocation of nutrients in all foliar sprays and fertiliser blends. It also gets rid of toxins through boosting the plants' anti-oxidant system and repairs chlorophyll production.

Bio•Heaven stimulates enzymatic activity and fast nutrient absorption while increasing the chelation of essential macro- and micro-nutrients. Plants are also better able to retain moisture and experience less humidity stress as a result.

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| FISH MIX 250ml | 37258 | 500ml | 02920 | 1L | 00952 |
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| 5L | 02921 | 10L | 02922 |
|----|-------|-----|-------|

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|---------------|-------|-------|-------|----|-------|----|-------|
| TOP MAX 250ml | 37259 | 500ml | 02909 | 1L | 02886 | 5L | 02906 |
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| 10L | 02923 | 20L | 05759 |
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|------------------|-------|-------|-------|----|-------|----|-------|
| BIO HEAVEN 250ml | 02928 | 500ml | 02910 | 1L | 02929 | 5L | 02930 |
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| 10L | 05768 | 20L | 05760 |
|-----|-------|-----|-------|



ALG-A-MIC

bio plant rescue mix

Stress-free, happy plants generally produce larger fruits. ALG-A-MIC comes to the rescue if your plants have suffered from overfeeding, deficiencies, diseases or fluctuations in temperature. It also ensures green leaves by stimulating chlorophyll absorption.

As early as 3000 BC, seaweed was being harvested for food, medicines and fertilisers.

ALG-A-MIC is made from a high-grade organic seaweed concentrate extracted through cold pressing rather than chemical solvents. This high level of natural nutrition caters to the whole spectrum of a plant's needs, resulting in plenty of verdant green foliage.

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|-----------------|-------|-------|-------|----|-------|----|-------|
| ALG A MIC 250ml | 37260 | 500ml | 02924 | 1L | 02911 | 5L | 02925 |
| 10L | 02926 | 20L | 05761 | | | | |



ROOT-JUICE

bio root stimulant

Made entirely from vegetable ingredients and designed for organic gardening. ROOT-JUICE combines two amazing natural substances: premium humic acid and seaweed.

This product is specially formulated to encourage vigorous root development and enhance the natural biological life that surrounds and supports your plants' root systems.

Right from the start, ROOT-JUICE helps with the initial root stage as well as with the growth of plants that have already rooted. This ensures the plants are better prepared to absorb nutrients more quickly, resulting in a strong, resilient crop and a guaranteed good harvest for all plant breeders.

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|------------------|-------|-------|-------|----|-------|----|-------|
| ROOT JUICE 250ml | 02905 | 500ml | 05729 | 1L | 02912 | 5L | 02927 |
| 10L | 05767 | 20L | 05762 | | | | |



CALMAG

organic and certified

Biobizz CALMAG has been designed for the professional grower and the hobbyist that needs an extra boost of calcium and magnesium in their grow.

Calcium and magnesium are essential elements for proper plant growth and blooming, as they play a key role in cell production and photosynthesis.

Calcium and magnesium deficiencies are common, as in today's world, we cannot rely on tap water to ensure a correct mineral concentration.

Whether you need to stick with soft tap water or go down the RO path, Biobizz CALMAG brings you a 100% organic and certified solution for such deficiencies.

| | | | | | | | |
|--------------|-------|-------|-------|----|-------|----|-------|
| CALMAG 250ml | 37553 | 500ml | 37552 | 1L | 37551 | 5L | 37548 |
| 10L | 37550 | | | | | | |



ACTI-VERA

bio health promoter

ACTI-VERA has been designed to protect the immune system, increase the metabolism and enhance the nutrient absorption of all sorts of plants.

ACTI-VERA makes plants both stronger and healthier, inside and out. It protects and activates their immune system and increases their germination and metabolism – breaking down sugars and enhancing nutrient absorption. It is a natural power product for plants and is 100% vegan.

LEAF-COAT

bio plant leaf coater

LEAF-COAT is a ready-to-use product that strengthens and protects plants against unwanted insects and damaging leaf fungi.

Made from natural latex, originally developed to prevent evaporation, it creates a permeable, self-degradable barrier on leaves that still allows air and light to get through. At the same time, the natural latex layer that forms around the leaves helps the plants breathe and stops them from 'sweating'. Then, when the temperature drops, such as in the winter months, LEAF-COAT safeguards against the cold by helping maintain the leaves' temperature.

MICROBES

boost your yield

MICROBES is a complete consortium of microorganisms, enzymes and beneficial fungi that stimulates the process of germination and initial seedling growth and helps with the flowering stage. It improves the flow and uptake of essential nutrients as well as the plants' final yield.

This microorganism consortium has great benefits for the plant rhizosphere, increasing the useful surface area of the roots. This translates to higher and better absorption of nitrogen, phosphorus, potassium and micro-nutrients during all development stages of the plant.

Moreover, the chosen microorganisms are great promoters of phytohormones, such as indole-3-acetic acid and gibberellins.

ACTI-VERA 250ml | 05914 | 500ml | 05364 | 1L | 05365 | 5L | 05915

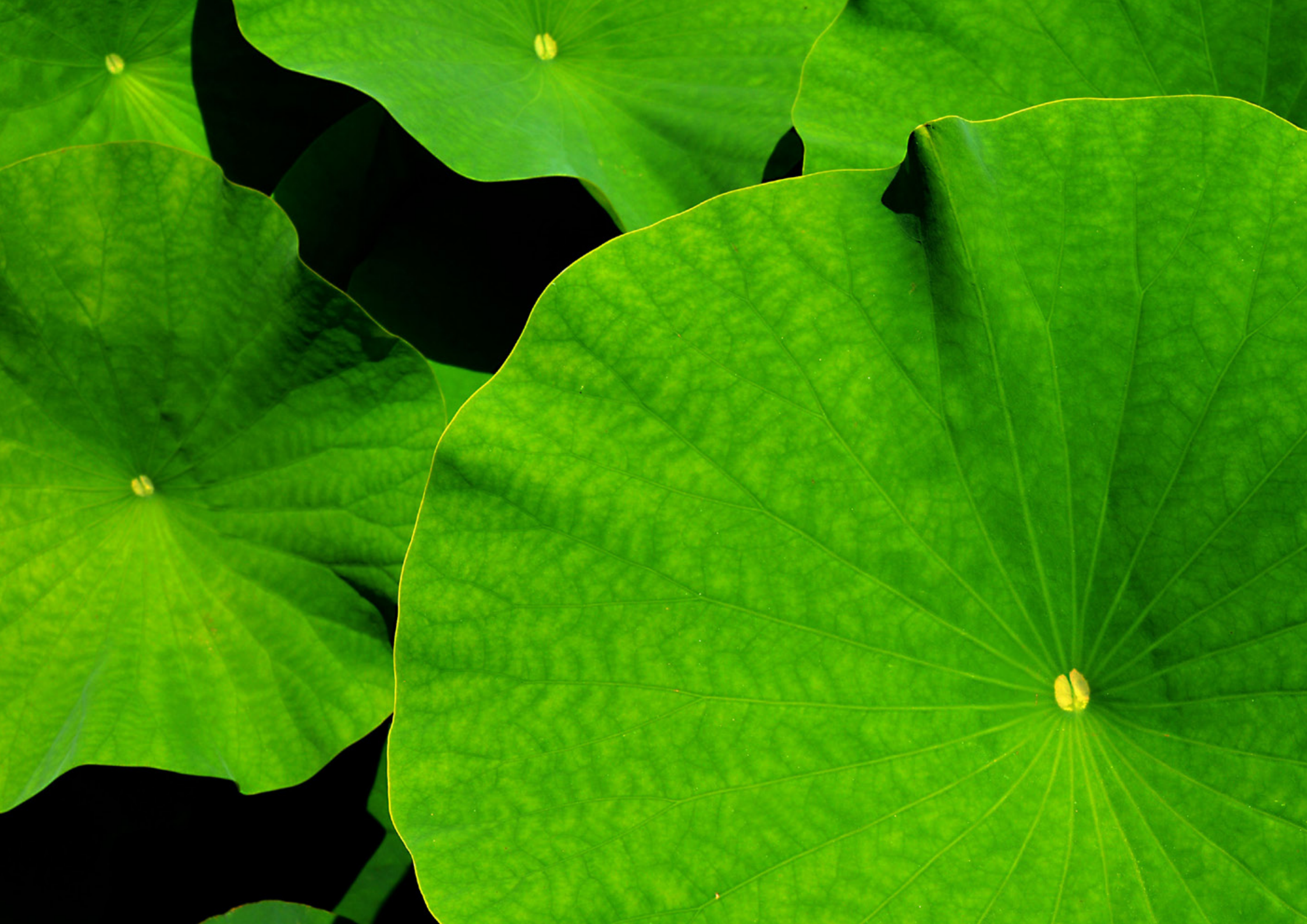
10L | 05916

LEAF COAT 500ml(RTU) | 04531 | 1L | 04530 | 5L | 37261 | 10L | 37262

500mlREFILL | 42061

MICROBES 150g

38939





STARTERS•PACK

enjoy the Biobizz experience

Are you someone with strong organic beliefs?

Do you care about the future of the planet?

Is it quality above quantity – or more about the flavour and the colour of your crop?

Whatever your concerns or goals are, choose Biobizz,

Our STARTERS PACK is fully loaded with everything you need to begin your own growing adventure.

Let us show you the magic of nature: rooting, growing and blooming phases, with a bumper harvest to look forward to at the end.

You don't need to be an expert, just follow our official nutrient schedule, and you and your plants will grow happily ever after.

The STARTER PACK includes the following: 1L BIO-GROW, 1L BIO-BLOOM, 500ml TOP-MAX, 250ml ROOT-JUICE and 250ml BIO-HEAVEN.



TRY•PACK

try the Biobizz experience

INDOOR

If you're into the idea of indoor cultivation but not sure how to start, try the Biobizz TRY-PACK Indoor.

It joins the four members of our TRY-PACK family and makes it simple to gain experience using the Biobizz range of organic fertilisers.

OUTDOOR

If the climate in your region is suitable and growing outside is your thing, let Biobizz make life easy for you.

STIMULANT

The Biobizz Try-Pack Stimulant is the pack to choose when you want to take that extra organic step – with bigger plants, sweeter-tasting fruit and fantastic results.

HYDRO

So you want to grow hydroponically but are tired of feeding minerals to your plants. Maybe you'd like to enjoy the natural taste of an organic harvest but can't let go of your soil-free ways. This is where the Biobizz TRY-PACK HYDRO can help. It makes it simple to gain experience using the Biobizz range of 100% organic fertiliser, which are suitable for any hydroponics system.

Experience the best of two worlds: organic quality and hydroponic quantity.



Despite having one of the longest pedigrees in hydroponics, leading all the way back to California in the 1980s, Terra Aquatica is not resting on its laurels in 2023, bringing several new products to the table.

From dry powder versions of industry leading nutrients, to the first practical solar powered hydroponics system in the industry, TA is trail blazing new ways to grow sustainably without losing any of the performance and quality the brand is so well known for in the UK and worldwide.

TRIPART®
the original three-part nutrient

TriPart® nutrients allow you to perfectly match the changing needs of your plants by varying the mix as your grow progresses: more TriPart® Grow during growth, and more TriPart® Bloom for flowering and fruiting: simple and incredibly effective by design.

Used by the most prestigious research laboratories and universities, including NASA, the TriPart® is an evolving system that we constantly update in line with the latest scientific discoveries, and improve through exhaustive testing in-house and with our partners in professional horticulture.

Many nutrients claim to include everything that your plant needs for healthy growth, but unlike most competitors, the

TriPart® includes not just the primary and secondary nutrients necessary for basic plant nutrition, but a full range of micro and sub- micronutrients as well – and we chelate every possible element for enhanced uptake and stability. This is why the TriPart® delivers such impressive and reliable results in specialist markets where enhanced flavour, aroma, potency, and essential oil production are vital.

The TriPart® is available with hard or soft water formulations of TriPart® Micro to ensure that calcium levels in your nutrient solution remain optimal preventing the lockout / deficiency problems that universal nutrients can provoke.

| | | | | | | | | | | | | | | | | | | | | |
|-------------|-------|-------|-----|-------|--------------|-------|-------|-------|-------------------|----|-------|-----|-------|-----|-------|-------------------|-------|-------|----|-------|
| GROW | 500ml | 37287 | 1L | 37285 | 5L | 37286 | 10L | 37288 | MICRO SOFT | 1L | 37295 | 5L | 37294 | 10L | 37293 | MICRO HARD | 500ml | 37299 | 1L | 37298 |
| | 5L | 37297 | 10L | 37297 | BLOOM | 500ML | 37292 | 1L | 37291 | 5L | 37290 | 10L | 37289 | | | | | | | |



DUALPART®

two-part nutrient for soil and systems

Want the quality and performance of TA's flagship TriPart system but with even fewer bottles? If so, TA Dual Part is for you.

Unique among leading brands, DualPart doesn't need additives for success: most nutrient systems require additional calcium, additional magnesium, PK boosters, plus two bottles of 'grow' and two bottles of 'bloom' nutrients to work. With DualPart that's reduced to just two bottles from seed to a bountiful harvest. And as usual with TA products, you simply vary the ratio between Grow and Bloom as your plants develop: incredibly easy to use, and extremely effective.

There's no loss of quality in exchange for simplicity either: Dual Part is made using the same food grade inputs as TA's flagship line, and it also contains all the trace elements needed for healthy, productive growth even in fully hydroponic recirculating systems.

| | | | | | | | | | |
|---------|-------|-------|-------|-------|----|-------|----|-------|-------|
| GROW SW | 500ml | 37383 | 1L | 37336 | 5L | 37337 | HW | 1L | 37334 |
| 5L | 37335 | BLOOM | 500ml | 37384 | 1L | 37329 | 5L | 37328 | |

DUALPART COCO®

TWO-PART NUTRIENT FOR COCO COIR

All the advantages of TA Dual Part (just two bottles from seed to harvest with no loss of performance) plus extra Calcium and Magnesium for reliable results in Coco Coir.

Dual Part coco can be used in soil or systems if needed, but it's optimised for today's budget coirs which are frequently only partially buffered and can therefore lead to Calcium or Magnesium deficiencies as the substrate sequesters nutrients.

Just like Dual Part, Dual Part coco also contains all the trace elements needed for healthy, productive growth in all phases from seed to harvest.

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|-------|-------|-------|----|-------|----|-------|-----|-------|--|
| GROW | 500ml | 37333 | 1L | 37332 | 5L | 37331 | 10L | 37330 | |
| BLOOM | 500ml | 37672 | 1L | 37673 | 5L | 37674 | 10L | 37675 | |

NOVAMAX®

one-part hybrid organic nutrient

NovaMax represents a breakthrough in fertiliser technology, giving users the strength of a dry concentrate and the ease of a liquid in a truly one-part formulation: one bottle for growth and one bottle for blooming. There is no need for additives to ensure healthy growth.

To make NovaMax®, a unique formulation of highly purified minerals and natural additives is concentrated using patented technology. A very small amount goes a very long way with any plant type. With a maximum dosage of just 2.5ml/L, the new T.A. - made Nova has all the benefits of the older FloraNova but now pours more easily and has less residue thanks to the upgraded humic acids and production line.

| | | | | | | | | | |
|-------|-------|-------|----|-------|----|-------|--|--|--|
| GROW | 500ml | 03053 | 1L | 03054 | 5L | 03055 | | | |
| BLOOM | 500ml | 03056 | 1L | 03057 | 5L | 03058 | | | |



PRO ORGANIC

certified organic one-part liquid nutrient

The most concentrated nutrient that T.A. makes, Pro Organic has a pedigree dating back to 2004 and an extensive commercial user base for three main reasons:

1. Unbeaten flexibility/stability: Pro Organic's unique formula and fabrication process mean it works in everything from pots of garden soil to professional recirculating bare-root hydroponic systems.
2. Amazing concentration and value: a tiny maximum application rate of just 2ml per litre makes Pro Organic one of the most concentrated and economical liquid nutrients currently available.
3. Reliable results even without tons of additives: as with all organic nutrients, in soft water or poorly buffered coco coir or with high-demand crops (e.g. lettuce), you may need to use the T.A. Calcium Magnesium additive with T.A. Pro Organic. But in most growing situations, just one bottle of TriPart Grow and one bottle of TriPart Bloom will deliver impressive 100% organic results from seed to harvest.

DRYPART®

1-part nutrient in dry powder form

Using two mineral-based 1-part formulations, one for grow, one for bloom, DryPart® offers the quality of TA's flagship liquid nutrients in easy to transport, easy to use dry powder form.

DryPart® Grow & DryPart® Bloom include high quality primary, secondary and micronutrients in the right concentrations to give maximum aroma and production with no CalMag or PK supplements required, in even the softest water. Both are also pH-buffered, which means nutrient solution pH will tend to hold its value once your pH target is met. The dry powder format makes DryPart® highly portable and easily stored, which makes it a popular choice for outdoor gardeners and allotmenters as well as indoor growers.

DryPart® Grow & Bloom can be used with all types of plants in coco coir, recirculating hydroponics, soilless or soil-based cultivation.

HYPERBLOOM®

late flowering dry nutrient

Late flowering dry powder nutrient

New for 2023 and complementing their ultra concentrated one-part dry powder range, TA HyperBloom is a one-part high PK late flowering nutrient, designed to push fruit development, essential oil production and ripening in the last 20 days of a plant's life.

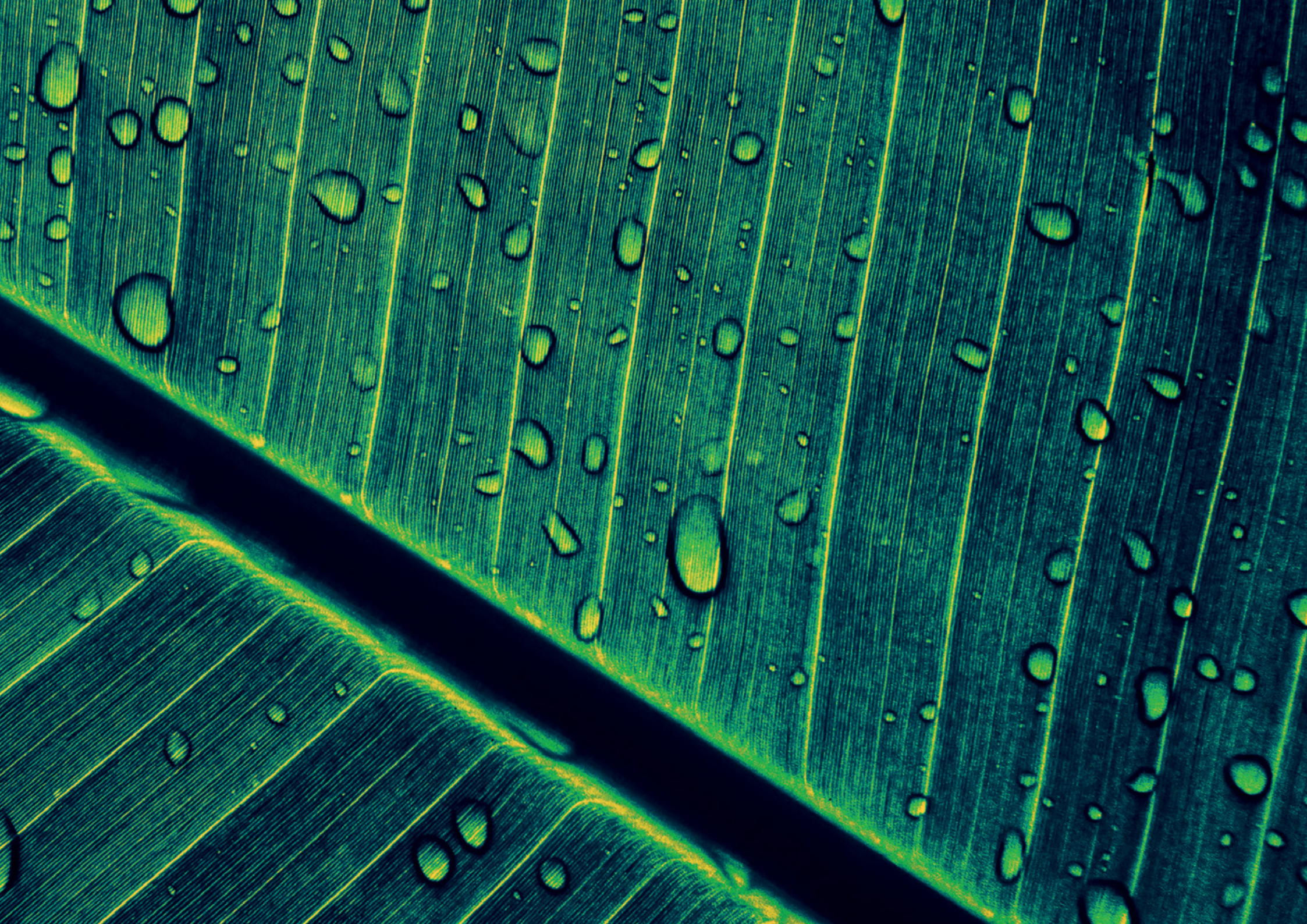
High in readily available potassium phosphorus, and with a complement of sulphur to induce ripening, HyperBloom is suitable for use in coco coir, soil and in recirculating hydroponics.

TA HyperBloom is also a perfect complement for generic A+B type nutrients which require additional PK in late flowering, but do not use with TA liquid nutrients: they already provide all the PK plants require.

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|-------|-------|-------|----|-------|----|-------|
| GROW | 500ML | 36338 | 1L | 36339 | 5L | 36340 |
| BLOOM | 500ML | 36335 | 1L | 36336 | 5L | 36337 |

| | | | | | |
|------|-----|-------|-------|-----|-------|
| GROW | 1KG | 41599 | BLOOM | 1KG | 41600 |
|------|-----|-------|-------|-----|-------|

| | |
|-----------------|-------|
| HYPERBLOOM 500g | 43607 |
|-----------------|-------|





PERMABLOOM

for continuously producing plants

Turn the world's best-selling three-part nutrient system into a tailored two-part system for plants with specific needs: PermaBloom replaces TriPart Grow and Bloom, pairing with TriPart Micro to deliver a bespoke blend of the essential and trace minerals needed by continuously fruiting plants such as chillies, tomatoes, cucumbers, peppers, beans, melons and strawberries.

Made with the same pH-buffered, ultra pure mineral ingredients as T.A. TriPart, FloraMato is particularly efficient in drip systems and automatic irrigation. Like all T.A. nutrients, it is also extremely effective in coco and soil.

Because TriPart Micro comes in hard and soft water formulations, you can confidently grow even calcium-intensive plants such as tomatoes in soft or RO water without the need for additional supplements.

| | | | |
|---------------|-------|----|-------|
| FINAL PART 1L | 38013 | 5L | 38014 |
|---------------|-------|----|-------|



FINALPART®

control your harvest

A late flowering nutrient/forcing solution: a T.A. innovation.

The industry standard way to end a fruiting cycle, FinalPart is T.A.'s best-selling product for good reason! In late life, flowering plants need a dedicated diet to produce maximum flavour and yield. FinalPart provides that diet. So, instead of losing intensity after weeks on water, FinalPart allows plants to continue producing as they eliminate excess chlorophyll and metabolise any nutrient excesses.

FinalPart acts as a 'forcing solution', pushing your plants to finish the ripening process, allowing you to decide when ripening occurs. This results in up to 10% bigger yields, stronger flavours and more active principles.

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|-----------------|-------|----|-------|
| FINALPART 500ml | 37303 | 1L | 37302 |
|-----------------|-------|----|-------|

| | | | |
|----|-------|-----|-------|
| 5L | 37301 | 10L | 37300 |
|----|-------|-----|-------|



FLASHCLEAN®

substrate rinse and conditioner

From rejuvenating houseplants to maximising yields and potential in commercial hydroponics, FlashClean is one of the most powerful tools available to gardeners!

FlashClean releases nutrient bonds between minerals and substrates and allows you to rinse away excess residue. This release also helps plants make the most of remaining fertilisers, especially in the crucial week just before harvest.

What this means in practice is the ability to reset the substrate EC on demand, accentuating changes in the nutrient regime and delivering the ability to eliminate salt and EC buildups when needed.

| | | | |
|------------------|-------|----|-------|
| FLASHCLEAN 500ml | 37307 | 1L | 37306 |
|------------------|-------|----|-------|

| | | | |
|----|-------|-----|-------|
| 5L | 37305 | 10L | 37304 |
|----|-------|-----|-------|



CALCIUM MAGNESIUM

high-quality CalMag supplement

All T.A. mineral and hybrid nutrients contain enough calcium and magnesium to work perfectly, even in RO water – but proper calcium and magnesium availability is vital to optimise nutrition in fast-growing plants. This helps prevent secondary nutrient deficiencies, supports growth and fruiting, and prevents blossom end rot and tip burn in many particularly intensive crops, such as tomatoes and lettuce.

For non-T.A. growers and Pro Organic growers and for general buffering and utility, T.A. Calcium Magnesium provides concentrated calcium and magnesium in a highly bioavailable, clean and soluble form that will not clog drippers. It can be used alongside most nutrient regimes.

T.A. Calcium Magnesium can also help counter calcium sequestration when growing in coco coir using organic nutrients or when expanding compressed coco bales.

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|-------------------------|-------|----|-------|
| CALCIUM MAGNESIUM 500ml | 05966 | 1L | 05967 |
|-------------------------|-------|----|-------|

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|----|-------|-----|-------|
| 5L | 05968 | 10L | 05969 |
|----|-------|-----|-------|



SILICATE

organic silicon source

T.A. Silicate offers the same advantages as the original Mineral Magic: highly soluble silicate, a wide range of trace elements and a colloidal clay base that makes for a great foliar product as well as a substrate or tank additive. Plus, it has lower sulphur levels, which mean it is now compatible with beneficial micro-organisms. It's a win-win.

Less expensive than some potassium silicate products, T.A. Silicate is equally, if not more, bio-available and safe to use for people and beneficial organisms. Its natural bicarbonate content also makes T.A. Silicate a great choice for buffering RO water, as it naturally retains a pH of around 6 to 6.5.

It is suitable for use in hydroponics and traditional gardening by hand application and in systems with good filtration.



FULVIC

natural bio-stimulator

Fulvic acid is a staple of all serious growers. It's a natural chelator that increases the availability of nutrients, stimulates fine root hair growth and contributes to better germination, earlier harvests and better overall plant health.

There are many sources of fulvic acid across the world, and T.A. has taken its usual approach with this product: source a high-quality example and make it available for an affordable price in a no-nonsense format.

T.A. Fulvic now contains higher levels of humates for even better root growth. Suitable for all plants, substrates and systems from germination to flowering.



BLOOM BOOSTER

organic bloom booster

Boost explosive flowering and fruiting naturally. T.A. Bloom Booster is a powerful bloom stimulator that generates explosive flowering and massive fruit production.

It increases metabolic activity and mineral uptake utilising bio-stimulants and organic transport enhancers - not synthetic PGRs. This induces abundant, dense floral clusters during the crucial flowering and fruiting phases. This results in spectacular flowering and more flavourful fruits.

T.A. Bloom Booster works naturally, allowing plants to express the best of their genetic potential. It works with plants during the flowering phase of growth.

Use with all nutrients, all substrates, in your garden and in hydroponic systems.



ROOT BOOSTER

organic root booster

T.A. Root Booster is a natural root growth supplement that helps plants establish healthy and vibrant root systems.

It contains only natural vitamins, enzymes, and organic and humic acids that stimulate root masses through completely safe means - not by using synthetic PGRs.

T.A. Root Booster is an outstanding additive for seedlings and cuttings, helping young plants develop strong and healthy root systems. For mature plants, it will reinforce and maintain health by improving nutrient uptake.

You can also significantly increase germination success rates and improve the health of young seedlings using Root Booster in a solution to soak your seeds before planting.

Use in conjunction with T.A. Fulvic for the ultimate growth phase boost combination.

FULVIC 500ml 36331 1L 36342 5L 36363

10L 36344

BLOOM BOOSTER 500ml 36316 1L 36317

5L 36318

ROOT BOOSTER 500ml 36321 1L 36322

5L 36323

SILICATE 1L 36331



PRO BOOSTERS

Industry-standard boosters

Throughout our research on organic stimulators, we have found an extraordinary line of products that we are proud to include in our range.

Pro Roots, Pro Bloom and Protect were developed by independent researchers, and our tests, as well as those conducted by several of our clients, were dazzling!

They conform to European regulation CE N°834/2007 on organic agriculture, are manufactured naturally and are totally biodegradable.

PRO ROOTS

ultra concentrated booster

T.A.'s concentrated root booster delivers the results of the original formula in a super concentrated form, allowing mineral growers to minimise the amount of organic matter in their systems.

| | | | |
|----------------|-------|------|-------|
| PRO ROOTS 30ml | 36332 | 60ML | 36333 |
| 250ml | 36334 | | |

PRO BLOOM

ultra-concentrated booster

By promoting balanced nutrient delivery and stimulating flowering, T.A. Pro Bloom can add up to 20% in dry weight to flowering plants. Like Pro Roots, Pro Bloom is super concentrated (0.1ml/L), fully organic and also stimulates beneficial microorganisms to further enhance plant growth.

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|----------------|-------|-------|-------|
| PRO BLOOM 30ml | 36328 | 60ml | 36329 |
| 250ml | 36330 | 500ml | 36460 |

PROTECT

concentrated plant protection

T.A. Protect strengthens plants' immune system and repels insects by increasing the production of alkaloidal repulsive saps in the leaves and flowers.

| | | | |
|----------------|-------|------|-------|
| PRO BLOOM 30ml | 36332 | 60ml | 36333 |
| 250ml | 36334 | | |

OLIGO SPECTRUM

micro- and sub-micro-elements

Not all base nutrients contain a full spectrum of plant nutrients. This product is suitable for those situations and for applications where direct application of some ingredients to roots may not be possible, such as in aquaponics.

T.A. has created Oligo Spectrum: a full range of trace and sub-trace nutrients to complement base NPK nutrients.

Just don't use it alongside T.A. nutrients, as they already contain a full range of micro-nutrients!

For use with non - T.A. nutrients only.

| | | | |
|----------------------|-------|----|-------|
| OLIGO SPECTRUM 500ml | 04908 | 1L | 02839 |
| 5L | 04909 | | |

HUMIC

liquid humic acids

Fully organic, wide-spectrum lignohumates from recycled wood. High-quality ultrapure humics from a totally renewable source.

Humic is an excellent source of humates derived from a new, natural and sustainable source: sawdust!

T.A. Humic is a super clean product. It is free of residues and uses a totally sustainable supply.

Containing nothing but pure lignohumate humate organic compounds, with an exceptionally high percentage of plant active humates, T.A. Humic improves nutrient absorption, stimulates microbial activity, promotes an open soil structure, increases nutrient retention and reduces water usage.

For recirculating systems, use T.A. Fulvic.

| | | | | | |
|-------------|-------|----|-------|----|-------|
| HUMIC 500ml | 36319 | 1L | 36320 | 5L | 37106 |
|-------------|-------|----|-------|----|-------|



SEAWEED

pure cold-pressed seaweed

A powerful pre-flowering activator from the purest source on the planet, T.A. Seaweed is a 100% natural plant and soil vitality enhancer that encourages prolific root and foliage growth as well as an increase in flowering sites and larger flowers and fruits.

Seaweed will promote vigorous, healthy growth in sync with any feeding regime in soil, coco or hydroponics.

Many types of marine plants have long been recognised as powerful plant boosters and stress-relieving agents, but one species, *Ascophyllum nodosum*, stands out as the most effective. So, to deliver as many active elements as possible in T.A. Seaweed, including high-quality organic nitrogen, we cold press *Ascophyllum nodosum* from the purest waters on the planet and add nothing else.

SEAWEED 500ml

36324 1L 36325

URTIMAX®

pure liquid nettle brew

A treatment for chlorosis, an organic silica source, a general health tonic and an adaptable pest deterrent: Urtimax is an organic all-rounder. It stimulates plant growth, fights leaf chlorosis and mineral deficiencies, and improves pest resistance.

Urtimax is a high-quality nettle brew like those gardeners have been using for hundreds, if not thousands, of years.

Made by fermenting nettles in water, T.A. Urtimax offers exceptional protection and nutrition for your plants. Nettles are exceptionally rich in silica and iron and contain high levels of nitrogen, potassium, magnesium, micro-elements, enzymes and trace minerals. As with kelp emulsion, nettle tea also stimulates a plant's immune system, improving its resistance to pests and diseases.

URTIMAX 500ml

36326 1L 36327 5L 37841

TRIKOLOGIC®

vital for organic growth

A high-quality dry *Trichoderma harzianum* culture. Vital for organic growth and every commercial gardener's secret weapon.

Trichoderma harzianum breaks down the organic matter in substrates, releasing the minerals that plants feed on. This process of decomposition and nutrient release is fundamental to organic and bioponic gardening.

On top of this benefit, as it establishes colonies, *Trichoderma harzianum* releases a range of plant-growth-stimulating compounds and substances that inhibit or kill pathogens in the soil that might otherwise harm your plants.

As with all T.A. products, our *Trichoderma* brand is of the highest quality – not all strains and cultures are equal, and some are significantly less viable than others.

TRIKOLOGIC10g

36348

TRIKOLOGIC S®

ultimate root zone protection

Professional-quality *Trichoderma* with added hot weather protection.

The ultimate product for biological root zone protection and health, T.A. TrikoLogic S adds hot weather protection from *Streptomyces nigrescens* to our standard biological protection for your grow.

On top of the growth boost and protection offered by *Trichoderma*, *Streptomyces nigrescens* coats roots with a protective mycelium that physically prevents fusarium and pythium spores from infecting them.

TrikoLogic S delivers all of the benefits of additional nutrition and stimulation that standard TrikoLogic® provides but also gives you what is genuinely the only reliable, natural way of protecting your grow from root pathogens in hot and difficult conditions: well-chosen, professional

TRIKOLOGIC S 10g

36504 25g 36505

50g 36506



Welcome to Gold Label, a family run business dating back three generations.

Gold Label has a long history of innovation, product improvement and quality certification.

Its professional substrates and nutrients are the result of using the finest materials in the market and listening to feedback from customers.

Gold Label innovates and develops products as the market changes to meet the expectations of its worldwide customers.

Horticultural growers trust Gold Label. That's why it's professionals' preferred choice.



60/40

designed for 60/40 substrates

60/40 A & B was developed to be used alongside our revolutionary 60/40 substrate; the nutrient is perfectly balanced for regular and extended watering cycles in systems.

If you prefer to hand water in a 60/40 substrate, this product ensures you get the right amount of nutrients into the root zone each time you irrigate.

Typically, 60/40 coco will dry out quicker and will need watering more often. Rather than using a standard coco A & B feed, which could potentially overfeed and create lockouts, use our 60/40 A & B to get the best results every time – whether you are hand feeding or using a system.

| | | | | | | |
|-----------|----|-------|----|-------|-----|-------|
| 60/40 A&B | 1L | 06053 | 5L | 06054 | 10L | 06055 |
| 60/40 A | 1L | 36818 | 5L | 36822 | 10L | 36816 |
| 60/40 B | 1L | 36819 | 5L | 36823 | 10L | 36817 |



COCO

for all coco substrates

The professionals choice when growing in coco coir substrates. Gold Label Coco is highly concentrated for longevity, and we ensure pH stability so that natural pH shifts in the root zone won't negatively affect your results. Perfect for all coco substrates.

Gold Label Coco A & B is specially designed for use with Gold Label coco substrate to achieve the best results. Still, it will work well in all coco mediums due to its stable pH components.

Used alongside our stimulators and boosters, it will give you the best results possible in a coco substrate.

SOIL

peat and compost substrates

Developed for connoisseur growers to use in a soil/peat substrate, helping you achieve the most exceptional quality possible.

When used with Gold Label's special-mix substrates, you'll see plants expressing their natural colours and increased terpene production.

Growing in soil substrates gives you the flexibility to push the plants towards peak quality while still achieving substantial yields. Soil A & B is also the perfect nutrient for growers learning their craft.

Soil substrates and our soil nutrients are incredibly forgiving if you make mistakes. This makes this product the ideal choice if you are starting to learn how to grow plants.

HYDRO

for hydroponic growers

A truly professional nutrient for hydroponic growers.

Whether you grow in expanded clay pebbles, rockwool or other inert media, our Hydro A & B base nutrient is the full-profile product you need to achieve the best results.

Growing hydroponically is considered the best method for maximising plant yield. However, it can require constant pH analysis and alteration.

We developed our Hydro base nutrient to reduce the impact of pH drift alongside our innovative chelation techniques to ensure full nutrient uptake across a broad pH range.

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|----------|----|-------|----|-------|-----|-------|
| Coco A&B | 1L | 06026 | 5L | 06027 | 10L | 06028 |
| Coco A | 1L | 36807 | 5L | 36809 | 10L | 36805 |
| Coco B | 1L | 36808 | 5L | 36810 | 10L | 36806 |

| | | | | | | |
|----------|----|-------|----|-------|-----|-------|
| Coco A&B | 1L | 06026 | 5L | 06027 | 10L | 06028 |
| Coco A | 1L | 36807 | 5L | 36809 | 10L | 36805 |
| Coco B | 1L | 36808 | 5L | 36810 | 10L | 36806 |

| | | | | | | |
|-----------|----|-------|----|-------|-----|-------|
| Hydro A&B | 1L | 06023 | 5L | 06024 | 10L | 06025 |
| Hydro A | 1L | 36812 | 5L | 36814 | 10L | 36803 |
| Hydro B | 1L | 36813 | 5L | 36815 | 10L | 36804 |



FLOWER ENHANCER FE

flavour enhancer with nano iron

A blend of mineral and biological ingredients, we continuously push the boundaries of horticultural technology to produce a product that stimulates flavour and aroma while also increasing yields. Our nano iron is different in two ways. First, it is chelated with aloé vera, which instantly makes it more available than traditional chelators. Second, the size of our iron particles is much smaller than that of standard iron particles, so your plants can take up more without expending extra energy. Iron is needed for the production of chlorophyll, and this molecule makes a plant green and allows it harness light power for food. When you increase the availability of iron to your plants, you are improving their available energy, leading to an increase in your yields and quality.

| | | | |
|--------------------------|-------|-------|-------|
| FLOWER ENHANCER FE 250ml | 38102 | 500ml | 38103 |
| 1L | 38104 | 5L | 38105 |

VEG BOOSTER N

advanced growth enhancer

The importance of nitrogen is due to the amount required during the vegetative cycle, when the foundations are laid for the plant's entire life cycle.

The most rapid growth happens early in a plant's life, and nitrogen is needed for nearly all plant processes during this time. VEG Booster N provides multiple forms of readily available nitrogen for rapid and consistent uptake. Thus, your plants are never short of nitrogen when they need it the most.

We support this with our highly chelated calcium to provide the plant cells with structure and stability.

Calcium is known as an immobile nutrient, so using VEG Booster N means your plant has constant access to calcium whenever it is needed.

| | | | |
|-------------------|-------|-------|-------|
| VEG BOOSTER 250ml | 38093 | 500ml | 38112 |
| 1L | 38094 | 5L | 38095 |

BLOOM BOOSTER NK

advanced flowering enhancer

Bloom Booster NK is the final part of optimising your plants' nutrient regime. Highly concentrated nitrogen and phosphorus used alongside our carefully selected plant hormones give your plants the best chance of reaching peak genetic expression.

This product will increase your resin production, while the chelated trace minerals, amino acids and plant vitamins work together for optimal uptake of nutrients, increasing yields.

Used alongside our full range of additives, this product ensures that every macro and micro-nutrient is being delivered to the plants exactly when they require it. When you achieve an optimal nutrient profile, you will get the most professional results every time.

| | | | |
|------------------------|-------|-------|-------|
| BLOOM BOOSTER NK 250ml | 38096 | 500ml | 38107 |
| 1L | 38097 | 5L | 38098 |

ULTRA MG RO

for vigorous plant production

Base nutrients deliver what plants need for luscious and robust growth throughout all stages of development.

Ultra MG RO compliments this with pure nitrogen and magnesium to enhance the production of chlorophyll (which is essential for photosynthesis and gives plants their green colour) for a truly professional Gold Label result.

To further enhance the power of Ultra MG RO, we have added trace elements and silicon to strengthen the plants and ready them for the rapid growth phase they will go through. It can be used on all substrates and systems and with any nutrient programme.

| | | | |
|-------------------|-------|----|-------|
| ULTRA MG RO 250ml | 40001 | 1L | 40018 |
| 5L | 40019 | | |



ULTRA MG

for vigorous plant production

Base nutrients deliver what plants need for luscious and robust growth throughout all stages of development.

Ultra MG compliments this with pure nitrogen and magnesium to enhance the production of chlorophyll (which is essential for photosynthesis and gives plants their green colour) for a truly professional Gold Label result.

To further enhance the power of Ultra MG, we have added trace elements and silicon to strengthen the plants and ready them for the rapid growth phase they will go through.

Ultra MG can be used on all substrates and systems.

ULTRA PK

keep your irrigation lines clean!

The innovative super FK formula, allows our Ultra PK to be taken up across the broadest pH range. Additionally, our enhanced PK doesn't interfere with calcium or magnesium uptake, resulting in healthy growth and flowering throughout the generative phase.

Traditionally, PK would interfere with calcium and magnesium uptake, which would require the addition of a cal/mag additive to prevent deficiencies. We don't need to use such additives due to our use of super FK, which allows for continuous uptake of competing elements and micro-nutrients.

Ultra PK will keep drip lines clean and can be used with all media types and systems and as part of any nutrient regime.

ULTRA ROOTS

massive root development

For a plant to provide everything it needs to produce leaves and fruits, it requires a system to transport those elements around. That system starts with the roots. An unhealthy root system hinders a plant's growth before it can begin.

Gold Label Ultra Roots uses a small amount of macro- and micro-elements to supplement your current feed schedule alongside humic acids, amino acids and biologically derived kelp extract.

The kelp extract we use has an abundance of trace elements and naturally occurring plant-promoting hormones that stimulate rapid root growth.

This product not only promotes root growth but also stimulates the fine root hairs and accelerates the rate of growth in the vegetative stages for much faster results.

ULTRA ENZYME

enzymes are biological catalysts

Throughout a plant's life cycle, it produces an abundance of roots and fine root hairs, which eventually die off, creating an environment susceptible to mould, bacteria and other pathogens. If left unchecked, these pathogens can reproduce and attack the plant, leading to wilt, root rot and other diseases. The use of Gold Label Ultra Enzyme will protect your plants from this.

We use a specific blend of enzymes that efficiently break down the dead root materials for re-uptake and prevent pathogens from causing problems.

| | | | |
|----------------|-------|-----|-------|
| ULTRA MG 500ml | 38099 | 1L | 38100 |
| 5L | 38101 | 10L | 38111 |

| | | | |
|----------------|-------|----|-------|
| ULTRA PK 500ml | 38090 | 1L | 38091 |
| 5L | 38092 | | |

| | | | |
|-------------------|-------|-------|-------|
| ULTRA ROOTS 250ml | 38084 | 500ML | 38108 |
| 1L | 38085 | 5L | 38086 |

| | | | |
|--------------------|-------|-------|-------|
| ULTRA ENZYME 250ml | 38087 | 500ml | 38109 |
| 1L | 38088 | 5L | 38086 |



Guanokalong®
GK-Organics



This organic super manure works to improve taste, quality and yield. The proof that the bat guano from Guanokalong is ultimately organic is that the bats choose their own food themselves. The organic guano fertiliser is produced with the aid of natural ingredients from the droppings of bats.

This guano has been piling up for hundreds of years in caves and, over time, has changed into compost. Ripe fruit and healthy insects are abundantly available in the rainforest in places where humans still have not had any influence.

KALONG GROW & BLOOM
growth and flowering nutrient

These liquid vegan fertilisers provide astonishing growth and abundant flowering using 100% organic means.

GK-Organics Kalong Bloom and Kalong Grow only contain nitrogen and potassium and, together with Guanokalong Powder, enhance the flavour, quality and yield of the end product.

Fast action enables targeted plant growth adjustments

Extra stimulation and prolonged effect on microbial life in the soil

Astonishing growth and abundant blooming

Easy on roots due to low salt index

100% vegan

COMPLETE ORGANICS
organic mix of ingredients

This 100% organic all-in-one fertiliser contains everything necessary for the growth and blooming of your plants and flowers.

Ideal if you want to devote little time to the soil conditions of your pots or garden.

Complete Organics is a balanced mix of Guanokalong Powder and GK-Organics, Seaweed Powder, Palm Tree Ash, Veg Pearls and Lava Worm Powder.

Superior to chemical and mineral nutrition supplements

An ideal solution for nutrient-poor soil or plants with substantial stress

100% organic

LAVA WORM POWDER
Soil Supplement

GK-Organics Lava Worm Powder is a combination of volcanic rock dust and worm castings, which are naturally very rich in minerals and, therefore, highly suitable for stimulating growth without using too many additives.

GK-Organics Lava Worm Powder also contains a wide range of scarce trace elements, making this product unique in the plant nutrition market!

Naturally rich in minerals

Stimulates growth without requiring many additives

Unique source of scarce trace elements

For both indoor and outdoor use

100% organic

| | | | | | | |
|--------------|----|-------|----|-------|-----|-------|
| GROW | 1L | 05562 | 5L | 05563 | 10L | 38247 |
| BLOOM | 1L | 05564 | 5L | 05565 | 10L | 38248 |

| | | | |
|-----------------------------|-------|-----|-------|
| COMPLETE ORGANICS 1L | 05573 | 22L | 37815 |
|-----------------------------|-------|-----|-------|

| | |
|-----------------------------|-------|
| LAVA WORM POWDER 25G | 37818 |
|-----------------------------|-------|



BATBOOST

organic flower booster

This organic liquid booster improves the flavour, quality and yield of the end product.

Guanokalong BatBoost contains 2% potassium and is a balanced mix of Guanokalong Extract flavour enhancer, GK-Organics Palm Tree Ash and liquid humic acids.

Suitable for every cultivation system!

100% natural bat droppings

Improves flavour, quality and yield.

Stimulates root growth

Promotes abundant bloom sites

Added protection from bacterial infections

High in potassium

EXTRACT

increased terpene production

This organic flavour enhancer is full of natural ingredients and improves the flavour, quality and yield of the end product.

As a liquid extract of Guanokalong Powder, Extract is an ideal choice when not using a soil or coco coir substrate.

Suitable for any cultivation system!

100% natural bat droppings

Improved flavour, quality and yield

Suitable for all growers and all systems

Stimulates root growth

Promotes abundant bloom sites

Protection from bacterial infections

Decreased risk of leaf scorching due to the gradual release of nutrients

FLORIZON

vegan super fertiliser

This liquid vegan super fertiliser offsets phosphorus shortages and provides astonishing root growth and bloom using 100% organic means.

GK-Organics® Florizon contains nitrogen, phosphorus and potassium and together with Guanokalong® Powder enhances the flavour, quality and yield of the end product. Therefore, this plant-based nutritional bio stimulant is often used in organic farming

Fast action enables targeted plant growth adjustments

Extra stimulation and prolonged effect on microbial life in the soil

Easy on the roots due to low salt index

100% vegan

Contains amino acids

LIQUID SEAWEED

vegan super fertiliser

GK-Organics® Seaweed Liquid is made from cold processed seaweed which is vital for plant and soil.

It's a powerful natural plant booster that enhances root and foliage growth as well as larger flowers and fruits.

Seaweed liquid works in full harmony with all fertilizers. Use with any garden soil, potting mix, or other growing media. It can also be used as foliar spray together with foliar nutrients.

Fast action enables targeted plant growth adjustments

Extra stimulation and prolonged effect on microbial life in the soil

Easy on the roots due to low salt index

Contains amino acids

BATBOOST 1L 05567

EXTRACT 1L 05559 5L 05560 10L 42062
20L 37345

FLORIZON 1L 40087

LIQUID SEAWEED 1L CALL 5L CALL
10L CALL

PELLETS

slow-release super fertiliser

Guanokalong Pellets provides astonishing growth by fortifying the root zone with essential micro-elements and enzymes. The plants also receive necessary macro-elements (such as phosphorus) to stimulate healthy plant growth.

Improved taste, quality and yield

The pellet form makes it less susceptible to scattering by the wind

Stimulates root growth

Promotes abundant bloom sites

Protection from bacterial infection

Decreased risk of leaf scorching



PELLETS 25G | 37817

VEG PEARLS

available nitrogen

GK-Organics Veg Pearls, made from sugar cane extract. It is a complete and economical alternative for manure.

For both indoor and outdoor use

Astonishing growth

Improved soil life

No leaching of minerals

Less irrigation required

Increased plant resistance to stress

Economical to use

Easy to scatter due to its rounded shape



VEG PEARLS 1L | 37655 | 25L | 37813

BLACK PELLETS

organic base nutrient

Guanokalong Black Pellets is a mixture of Guanokalong Powder and humic acids in pellet form.

By mixing it as a soil fertiliser with soil or coconut, the pellets ensure stunning flowering and fewer stress and water requirements during transplantation.

Improved taste, quality and yield

Stimulates root growth

Promotes abundant bloom sites

Increased resistance to bacteriological attacks

Decreased risk of leaf scorching



BLACK PELLETS 1KG | 05566

PALM TREE ASH

organic flower booster

This organic vegan flowering booster is ideal for use alongside Guanokalong Powder in a vegetable garden, especially with tomatoes!

This product contains a large amount of potassium as well as phosphorus and magnesium. Other elements present help neutralise the acidity of the soil.

Promotes abundant bloom sites

Ideal for use in a vegetable garden

Can be used both indoors and outdoors

Improved soil acidity

100% vegan



PALM TREE ASH 1KG | 05572 | 5KG | 05833 | 25KG | 37814

SEAWEED POWDER

organic growth promoter

Thanks to its micro-elements, this organic vegan booster of micro life is ideal for upgrading your earth for even better growth.

In addition, seaweed powder is known for its moisture-retaining properties. It promotes moisture management in soil.

Stimulates the root system and growth of plants thanks to growth hormones

Improved moisture management of the soil

Excellent addition to any fertiliser package

Offers resistance to bacteriological attacks

100% vegan

Stress reducing for plants



SEAWEED POWDER 1L | 05568 | 5L | 05569 | 25L | 37816

HIGH PHOS POWDER

growth & bloom stimulation

Guanokalong® High Phos Powder provides astonishing growth by fortifying the root zone with essential micro-elements and a high calcium content.

The plant also receives the necessary macro-elements such as phosphorus to stimulate healthy plant growth.

Improved flavour, quality and yield

Stimulates root growth

Abundant bloom

Protection from bacterial infections

Decreased risk of leaf scorch due to the slow release of nutrients



HIGH PHOS POWDER 1KG, 5KG, 25KG | CALL

VEGETAL FERTILIZER

growth & bloom stimulation

GK-Organics® Vegetal Fertilizer is a fertilizer made from plant-based materials, including vinasse extract, gluten flour, cocoa shells, grape seeds, and rock phosphate, making it a comprehensive and economical alternative to animal-based fertilizer.

Fast action enables targeted plant growth adjustments

Extra stimulation and prolonged effect on microbial life in the soil

Easy on the roots due to low salt index

100% vegan

Contains amino acids



VEGETAL FERTILIZER 1KG | 05566

POWDER

organic flower booster

Guanokalong Powder delivers astonishing growth by strengthening the root zone with essential micro-elements and enzymes.

The plants receive the necessary macro-elements (such as phosphorus) for a healthy growth boost.

Improved flavour, quality and yield

Stimulates root growth

Abundant bloom

Protection from bacterial infections.

Decreased risk of leaf scorch due to the slow release of nutrients



POWDER 500G | 05554 | 1KG | 05555 | 3KG | 05556 | 5KG | 05557 | 10KG | 05558 | 25KG | 36897



Buddha's Tree's a family-owned business that consists of a close, small group of friends and relatives with over 30 years of growing experience and knowledge.

Drawing on their combined experience, the company strives to develop products that set the highest standards and that consistently produce great results.

Buddha's Tree brings to the market new and innovative products and nutrients that achieve new heights by focusing on principles of outstanding performance.



PK 9-18 flower booster

This is the only PK 9-18 soluble solution currently available on the market.

It was created in the UK by a company that has one of the top four chemists in the world working with it. This chemist has formulated fertilisers for many of the world's record-breaking food crop producers. Buddha's Tree has produced a formula that promises to increase yield.

Buddha's Tree PK 9-18 increases plants uptake of nutrients and their natural oils and sugars, making them grow to their full potential, leading to heavier yields and more intensely potent crops. It achieves this by breaking down enzymes in the roots of the plants, which creates healthier roots.

This soluble solution also encourages more uptake of phosphorous and potassium, which is great for your plants' health.

| | | | | | |
|---------------|-------|-------|-------|----|-------|
| PK 9-18 100ml | 04725 | 250ml | 02753 | 1L | 02754 |
| 5L | 05734 | | | | |

SOLAR GREEN POWER

true nano silicic acid

In recent years, the application of nanotechnology has led to the production of colloidal liquid silicon fertilisers with high bioavailability. This new silicon fertiliser can easily penetrate leaves and form a thick silicate layer on their surface. Solar Green Power is an aqueous colloidal dispersion of 10% amorphous silica (SiO₂). More precisely, it is a colloidal dispersion of silicic acid in water.

Silicic acid is the only form of silicon that a plant can absorb. Silica particles occur in the form of discrete spheres that are not cross-linked with each other and contain hydroxyl groups on the surface. The particle size lies within the nano range, typically 15nm.

Stabilisation of colloidal particles takes place as a result of charges on the surface of the particles and is synthesised in an aqueous medium, which consists exclusively of inorganic substances, with no organic solvents present.

This product is weakly alkaline. This is in marked contrast to other liquid products, such as potassium silicate, which is strongly alkali (pH 12). Not only does this make such liquids hazardous to handle, but it also makes mixing them with other products almost impossible.

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|-------------------------|-------|-------|-------|----|-------|
| SOLAR GREEN POWER 250ml | 04726 | 500ml | B4053 | 1L | 04053 |
|-------------------------|-------|-------|-------|----|-------|

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|----|-------|
| 5L | 05851 |
|----|-------|

COCO A/B

two part Coco nutrient

Buddha's Tree Coco A & B is a high-quality nutrient formulated for growing in coco.

It's a two-part nutrient that contains all the essential elements for optima growth and flowering.

Our Coco A & B is also ideal for growing in all watering systems, as it dissolves instantly and is simple and easy to use.

For years, Buddha's Tree has specialised in designing and developing top of-the-line additives, but it's finally released a brand-new Coco A & B base nutrient!

Coco A & B is a premium base nutrient containing all the essential elements a plant needs when grown in this substrate. It's specifically tailored to the characteristics of coco substrates.

It is rich in high-value elements and highly versatile.

| | | | | | | |
|----------|----|-------|----|-------|-----|-------|
| Coco A&B | 1L | 05865 | 5L | 05866 | 10L | 06156 |
|----------|----|-------|----|-------|-----|-------|

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|--------|----|-------|----|-------|-----|-------|
| Coco A | 1L | 36764 | 5L | 36801 | 10L | 36602 |
|--------|----|-------|----|-------|-----|-------|

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|--------|----|-------|----|-------|-----|-------|
| Coco B | 1L | 36765 | 5L | 36802 | 10L | 36603 |
|--------|----|-------|----|-------|-----|-------|







ORGANICUS 99%

single-part plant nutrient

Organicus 99% is a premium organic liquid feed that surpasses all feeds available on the market.

It is a single-part feed that's used in both the growth and flowering phases, making things easier for growers, whether they are beginners or experienced.

Not only does this organic base feed keep your plants in the sweet spot, it also aids in the uptake of all nutrients available to them.

Super clean end product

Easy to flush plants

Suitable for vegetarians and vegans

Can be used in soil, all mixes, coco and 60/40 and also in hydroponic systems

ADVANCED META-BOOST

metabolic plant stimulant

Buddha's Tree Advanced Meta-Boost stimulates and fuels a metabolic increase in plants by providing the correct types of energy sources to the plants' cells to energise their activity.

As we know, plants grow and develop by splitting and reproducing their cells. This takes a lot of energy. A plant expends energy via converting the elements in nutrients into a form of energy that it can use at a cellular level. Advanced Meta-BOOST provides plant cells with the best and most usable type of fuel so that plants don't waste energy converting and producing their own.

It also allows the plants' own saved energy to be given over to other areas of their growth, such as production of oils, resins, terpenes and sugars, causing increases in taste and smell qualities.

Meta-BOOST allows your plants to utilise nutrients more completely and efficiently, and in turn, this stimulates an increase in nutrient uptake, which has a positive impact on the yield and overall quality.

FLOWER BURST

fast flower developer

Flower Burst is a unique product from Buddha's Tree that has been specifically created for use during your plants' pre-flowering and early flowering stages.

It promotes explosive flowering without hindering continuing vegetative growth, creates an increased number of flower sites and ensures a seamless change into the pure flowering phase of the bloom cycle.

This results in a quicker and more efficient flowering response, which is achieved in the kindest and safest way with a carefully composed blend that uses the same highest-quality raw food-safe materials used across our range.

In trials, Buddha's Tree Flower Burst induced a much quicker and more robust flowering response than control specimens. Flowers were recorded 4-5 days earlier than in control plants with an increased amount of flower clusters.

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|------------------|-------|----|-------|-----|-------|
| ORGANICUS 99% 1L | 05897 | 5L | 05898 | 10L | 06198 |
|------------------|-------|----|-------|-----|-------|

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|---------------------------|-------|-------|-------|----|-------|
| ADVANCED META-BOOST 250ml | 05373 | 500ml | 05374 | 1L | 03075 |
| 5L | 03076 | | | | |

| | | | | | |
|--------------------|-------|-------|-------|-------|-------|
| FLOWER BURST 100ml | 04771 | 250ml | 04772 | 500ml | 05123 |
| 1L | 05375 | 5L | 05960 | | |



TAKE YOUR GROW TO THE NEXT LEVEL

Developed to work best in LED spectrum and combining the growing power of multiple products into one bottle, the extra Ca and Mg will push your potency per pound like no other nutrient out there.

Combining the growing power of VEG+BLOOM, STAX, and +HMP, this simplifies everything.

It all comes together to maximize mineral uptake for superior growth at all phases.

A future-ready blend of proprietary nutrients were developed to work best in LED spectrum.

The seed of Hydroponic Research started with the search for the perfect flower.

Ever since, the only way we've grown is up. And while our roots are in cultivation, we're serious about the science too.

Always researching ways to break new ground, never just going with the flow. Like when the industry was all multi-part liquids, we made VEG+BLOOM—the original one-part powder.

Ten years later, we're still perfecting every particle right here at our SoCal home base, so growers everywhere have the pure, powerful nutrients they need for the ultra-high yields they expect. But the work's never done. There's more to grow.



| | | | | | | | |
|---------|-------|-----|-------|------|-------|-------|-------|
| VBX 1LB | 40886 | 5LB | 40885 | 25LB | 40883 | 100LB | 40884 |
|---------|-------|-----|-------|------|-------|-------|-------|

NEW

HYDROPONIC RESEARCH

VBX

7-4-11
NET WEIGHT 25 lb (11.34 kg)

1 ONE-PART POWDER

2 SIMPLE PREP

3 MADE IN CALIFORNIA

GUARANTEED BY HYDROPONIC RESEARCH
4570 Alvarado Canyon Road
Suite 16
San Diego, CA 92120
800 775-8842
hydroponic-research.com

7-4-11
NET WEIGHT 25 lb (11.34 kg)

GUARANTEED BY HYDROPONIC RESEARCH
4570 Alvarado Canyon Road
Suite 16
San Diego, CA 92120
800 775-8842
hydroponic-research.com

FOR USE WITH SEEDLINGS, ROOTED CUTTINGS, VEGETATING PLANTS AND FRUITING FLOWERS.

NET WEIGHT 5-8 G (0.18 oz) 1 GAL (128 FL OZ)

GUARANTEED ANALYSIS

Total Nitrogen (N) 7.5%
Available Phosphate (P₂O₅) 4.5%
Soluble Potash (K₂O) 17%
Calcium (Ca) 7.5%
Magnesium (Mg) 2.7%
Sulfur (S) 0.5%
Boron (B) 0.025%
Iron (Fe) 0.17%
Copper (Cu) 0.005%
Zinc (Zn) 0.005%

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

DO NOT BREATHE IN DUST
STORE TIGHTLY SEALED IN A COOL LOCATION AWAY FROM DIRECT SUNLIGHT
KEEP OUT OF REACH OF CHILDREN

MADE IN CALIFORNIA

ESTABLISHED 2010



PHLO

pH adjustment/fertiliser

pH, condition, and cleanse your source water with a single product.

PHLO pH Down+ from Hydroponic Research is a unique formula which utilizes a non-hypochlorous acid, ensuring that your water is chlorine-free and clean.

Not only does it reduce pH levels effectively, but it also helps to condition your water, eliminating any impurities that could impact your plants.

VEG+BLOOM

one powder for better plants

Formulated for every water type, VEG+BLOOM makes getting lush, aromatic plants as simple as adding the base. All the nutrients your plants need are combined in a single powder blend that all adds up to the best yield quality for the cost.

RO/SOFT

Veg + Bloom RO / SOFT BASE is perfect for all hydroponics systems as well as being compatible with coco, rock wool and peat moss substrates.

VEG+BLOOM RO/SOFT is a revolutionary one-part nutrient suitable for use in all coco or hydroponic systems where the water quality is between 0.0 and 0.3 EC.

DIRTY

VEG+BLOOM DIRTY is formulated for growing mediums like soil and peat.

It contains alkalinity and Cation exchange enhancers, which makes it compatible with premixed media products like Promix, Sunshine and Light Warrior.

Use with SHINE for optimum results.

TAP/HARD

VEG+BLOOM TAP/HARD is great for all hydroponic applications.

Whether you prefer rock wool or grow stones, TAP/HARD will give you results.

It is a more acidic formula that is specifically designed for neutralizing alkaline water supply, (200+PPMS or .4-.7 EC).

PHLO 1L 40887 3.75L 40888 9.05L 40889

RO/SOFT 1lb 06069 5lb 06070 25lb 06071

DIRTY 1lb 06062 5lb 06063 25lb 06064

TAP/HARD 1lb 06066 5lb 06067 25lb 06068





DOS

two part

As simple as A & B. More concentrated. A better price point. Already the cleanest and most stable nutrient, today's DOS makes every part of your grow even easier.

Specially made for proportionate mixers and fertigation systems, the two-part powder maintains a consistent balance as a stock concentrate, so managing EC has never been easier.



DOS A 25lb 38017 DOS B 25lb 38018

DOSATRON 38019

SHINE

flowing additive

SHINE is the ultimate flowering phase additive. Just add it to your reservoir during reproductive growth (usually during weeks 3–7) and watch your flowers swell and sweat.

SHINE is not only a PK booster but also a nectar-secretion agent. 1–2g per gallon is sufficient for most strains.

BOOST: SHINE is the ultimate flowering phase additive. It contains phosphorous compounds called phosphites.

BLOOM: by stimulating reproductive growth, SHINE causes your flowers to swell and sweat.

FLOURISH: SHINE will push your plants to bloom as heavily as your environment will allow by supplying them with an array of bio-stimulants.

SHINE 1lb 06072 2.2lb 06073 5lb 06074

25lb 36494

STAX

bigger leaves, fatter stems, faster growth

STAX is a special blend of humic acids, calcium sugars and magnesium. These are the foundation of your plants' diet, encouraging faster and bigger growth and fatter stems.

What is STAX? It's a super concentrated growth powder. It can be used by the gram for reservoirs or mixed into a concentrate for dosers and fertigation systems.

STAX is a cation exchange enhancer and a root and shoot growth stimulator.

STAX 1LB 36070 2.2lb 36071 5lb 36072

25lb 36703

PUSH

foliar feed

PUSH is a foliar spray that feeds through stems and leaves, increasing chlorophyll production. It stimulates cell division while simultaneously providing calcium and silica for strong growth.

The easy foliar application of PUSH increases plants' vigour and maximises the quality of new growth with the lights on or off. As a foliar application, it goes a long way, as 50ml/gal covers up to 12m² of canopy.

PUSH 250ml 06075 1L 06076



Optic Foliar manufactures the highest-quality and best performing foliar sprays in the industry and creates the first products a consumer reaches for when purchasing a foliar spray.

Striving to develop cutting-edge and innovative foliar technologies that push the performance level of our products by working together as a highly efficient growth-promoting system for your plants.

SWITCH hermaphrodite prevention

SWITCH stimulates flower initiation in plants by preventing and combating key stress factors that can delay the formation of blossoms.

Upon utilising SWITCH during the first two weeks of flowering, plants will begin to trigger blooms earlier, with tighter nodes. This will ensure that the plants begin to form flower sites and maximise flower growth.

It is also very effective at preventing genetic malfunctions by blocking male hormones.

Maximise yields via using OVERGROW during the early growth stage and throughout the flowering stage.

| | | | |
|-----------------|-------|-----------|-------|
| SWITCH 1L (RTU) | 05058 | 4L (RTU) | 05362 |
| 10L (RTU) | 39315 | 24L (RTU) | 39316 |

OVERGROW complete foliar feed plant booster

OVERGROW is the only product on the market that is a dynamic, multi-purpose, ready-to-use spray that combines performance and growth with overall plant health.

OVERGROW is a combination of Watts, Rev and Attack with the addition of Transport in a ready-to-use spray that corrects deficiencies and provides increased performance! Match that with the ability to spray in full sunlight, with no burning and no need to spray the undersides of leaves, and you have the only all-in-one spray with no negative side effects such as leaf burn or residuals.

OVERGROW then provides a full spectrum of NPK, micro-nutrients and a full complement of vitamins, sugars, amino acids and B1 to increase growth and supplement further yield increases.

| | | | |
|-------------------|-------|----------|-------|
| OVERGROW 1L (RTU) | 05055 | 4L (RTU) | 05056 |
| 10L | 39314 | | |

EVIOS for healthy plants

Say good bye to residuals and odours when improving plant health with Optic Foliar EVIOS. A new style of natural plant health spray that utilizes non-traditional plant extracts to make your garden flourish.

Our non oil based no odour solution will be part of your I.P.M while also allowing you to apply in full sunlight without having to spray the undersides of leaves.

The only late stage flower safe solution.

| | | | | | |
|-------------|-------|-------|-------|----|-------|
| EVIOS 250ml | 40968 | 500ml | 40987 | 1L | 40988 |
| 4L | 40989 | 10L | 40990 | | |



TRANSPORT

leaf absorption enabler

Optic Foliar TRANSPORT is a revolutionary delivery agent that delivers the active ingredients within your spray into the plants through the leaves' stomata, which increases gas exchange and allows the plants to absorb spray solutions.

Unlike traditional sprays, TRANSPORT can be sprayed on plants with the lights on and without the need to adjust the spray's pH.

Another benefit of TRANSPORT is that you can use it with any foliar application (growth enhancers, insecticides, etc.). It allows you to halve the application rate of the product you want to use, thus saving money and reducing the amount of product you need to keep your plants strong and healthy!

WATTS

increased leaf efficiency

Optic Foliar WATTS allows plants to utilise additional energy provided to them through sunlight and supplemental HID lighting. This allows the plants to optimise the Calvin cycle and exponentially increase their growth rates.

Using Optic Foliar WATTS will allow for better light usage and efficiency within the plants, dramatically increasing growth rates.

WATTS stimulates chlorophyll/chloroplast production, increasing the ATP cycle in the leaves, which is also known as the 'molecular unit of currency of inter-cellular energy'. Optic Foliar WATTS can thus be used to turbocharge plants' growth and light efficiency within the mesophyll layer.

REV

flower booster

Optic Foliar REV is an exceptional nutrient solution for fast-growing plants.

After the application of Optic Foliar WATTS, the plants will grow markedly faster and require additional nutrients. This is where Optic Foliar REV steps in to provide additional nutrition to the plants and help supplement the high rates of growth created by WATTS.

REV helps the plants maintain their highly accelerated growth and flowering rates, resulting in greener and healthier plants as well as higher-quality crop yields. It provides most of the micro-nutrients, organic vitamins, amino acids, carbohydrate sugars and B1 needed as key additional building blocks for flower development, quality, taste and flavour.

STARTER PACK

all you need

Introducing the Optic Foliar Starter Pack, the ultimate solution for maximizing plant growth and health.

This all-in-one pack includes 60ml bottles of four revolutionary products: TRANSPORT, WATTS, REV, and ATAK. TRANSPORT enhances spray absorption, allowing plants to efficiently absorb spray solutions.

WATTS boosts leaf efficiency, optimizing energy usage and accelerating growth rates.

REV is a flower booster, providing essential nutrients for vibrant blooms and higher-quality yields.

ATAK maintains plant health from mid-flower to harvest with vital trace minerals. With this Starter Pack, you'll have everything you need to unlock your plants' full potential.

| | | | |
|----------------|-------|-------|-------|
| TRANSPORT 60ML | 36574 | 250ml | 05358 |
|----------------|-------|-------|-------|

| | | | |
|-------|-------|----|-------|
| 500ml | 05359 | 1L | 39362 |
|-------|-------|----|-------|

| | | | |
|------------|-------|-------|-------|
| WATTS 60ML | 05059 | 250ml | 05060 |
|------------|-------|-------|-------|

| | |
|-------|-------|
| 500ml | 05360 |
|-------|-------|

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|----------|-------|-------|-------|-------|-------|
| REV 60ml | 05061 | 250ml | 05361 | 500ml | 05062 |
|----------|-------|-------|-------|-------|-------|

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|--------------|-------|
| STARTER PACK | 39171 |
|--------------|-------|



“Grow-Genius” means grow access to genuine innovations in the gardening market that are normally hidden in a sea of marketing spiel.

And they’re not just saying that: GG only sell products that are noticeably and demonstrably, better performing, better value, and better for the planet than the competition.

“Game changing” gets used a lot - but with GG it’s an understatement. There’s only one brand in hydroponics offering 4,000% improvements like for like: Grow-Genius.

MONO-SILICIC
the only second generation Si

Forty times stronger AND forty times better value than big brand “Silica” products, GG’s 40% MSA is fast becoming the UK’s favourite Silicon nutrient.

GG Mono delivers all the benefits of classic formula ‘Silica’ products (thicker, stronger stems and branches, faster root development, and improved resistance to garden pests and fungal pathogens), but with none of the usage downsides: GG is pH neutral, and completely stable in tank mixes.

Grow-Genius 40% Mono-Silicic is made in England using proprietary UK technology resulting in a completely unique silicon with ultra-low heavy metal content that is safe for use on seedlings and mature fruit - exactly where natural protection is most useful.

| | | | |
|-------------------|-------|-------|-------|
| MONO-SILICIC 10ml | 37023 | 100ml | 37024 |
| 250ml | 37025 | 500ml | 37026 |
| 1L | 37027 | | |

WATER-GENIUS ORGANIC
water less, grow more

Cut open soil irrigation bills in half with one application - it’s that powerful. And yet, Water Genius Organic is OMRI listed and totally non hazardous.

Simply treat your soil, coco coir, moss or any other gardening substrate once a month to once a fortnight and then reduce your irrigation by 30 to 50%. It’s that simple. The more organic life in you substrate, the faster it’s broken down: re-apply as effects dwindle, and stop anytime.

Water Genius organic isn’t just for open soil, it’s almost equally effective in containers of any kind, especially fabric pots and hanging baskets, raised beds and kokedamas. WG works by improving water penetration, and fighting loss by evaporation keeping water and nutrients where they are needed: in the rootzone of your plants.

| | | | |
|--------------------|-------|----|------|
| WATER-GENIUS 100ml | 39125 | 1L | CALL |
|--------------------|-------|----|------|

WHOLE IN ONE
safe, systemic immune system support

As powerful as a commercial fungicide but isn’t one! It’s also 100% bioavailable and so leaves no residue in food making it safe for use on all plants at any stage of growth or fruiting, and it’s Organic by default so it can even be used in certified farming.

Whole In One works by using specific plant extracts to initiate, enhance and support the natural immune response of plants making it effective against a wide range of pathogens that normally require the use of commercial fungicidal products to address.

As usual for Grow-Genius, Whole In One is already proven in commercial sustainable agriculture, and it is the a perfect partner for their 40% Mono-Silicic: Mono is the best preventative on the market, and now they have an active treatment for any issues that need curative intervention.

| | | | |
|--------------------|------|----|------|
| WHOLE IN ONE 250ml | CALL | 1L | CALL |
|--------------------|------|----|------|





Ecothrive offers natural, organic products centred around promoting beneficial soil biology, improving plant health and increasing yields.

Ecothrive products are used by both professional growers and hobby gardeners to build an assortment of micro-organisms in the root zone. It's all about providing long-term benefits and truly enhancing plant growth.

We are proud to have all of our products manufactured in the UK, with all components sourced as locally as possible.

NEUTRALISE tap water dechlorinator

Ecothrive Neutralise instantly dechlorinates tap water, protecting beneficial microbes from the harmful effects of both chlorine and chloramine.

It's ideal for conditioning tap water before adding microbial products such as Biosys.

Neutralise can also be used with soil, coco and hydroponic systems as a pre-treatment for irrigation water and nutrient solutions.

It's super concentrated. Simply add one drop (0.05ml) per 1L or 1ml per 20L. 50ml of Neutralise treats 1000L of tap water.

Unleash the biological potential of your growing media and plant nutrients with Neutralise. Allows beneficial microbes to flourish.

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|------|-------|-------|-------|
| 50ml | 38003 | 250ml | 38004 |
| 1L | 38005 | 5L | 38006 |

BIOSYS instant microbe tea

Ecothrive Biosys contains a unique blend of beneficial microbes and natural plant growth stimulants.

Easy and quick to mix and use, nothing immediately improves the health of your root zone quite like Biosys.

Biosys is a concentrated powder that you add to water to make a 'microbe tea.' It is ideal for soaking propagation plugs and watering coco and soil. No brewing is required; simply mix 0.5–1g per litre and water it into the root zone every 1–2 weeks. Biosys contains mycorrhizal fungi, Trichoderma, bacteria fixing, Bacillus, Pseudomonas, humic and fluvic acids, amino acids, enzymes, proteins, carbohydrates and seaweed extract.

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|-----|-------|-----|-------|------|-------|
| 10G | 37999 | 50g | 38000 | 250g | 38001 |
|-----|-------|-----|-------|------|-------|

CHARGE soil conditioner

Ecothrive Charge is a 100% naturally produced potting soil enhancer composed entirely of organic mealworm castings. This premium-grade 'insect frass' is packed full of organic nutrition, beneficial microorganisms and a natural biostimulant – chitin.

Charge will stimulate robust plant growth, improve root zone conditions and create vigorous, high-yielding plants. Simply mix with coco or soil before planting and top dress later in the cycle for longer-term benefits.

A litre of Charge will treat 50–100L of coco or 100–200L of potting soil.

Charge has been certified for use in growing organic crops by the Soil Association.

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| 1L | 37996 | 5L | 37997 | 10L | 37998 |
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LIFE-CYCLE organic soil amendment

Life-Cycle is a balanced organic amendment designed to feed soil with a diverse blend of nutrients and plant growth catalysts.

It was created via a partnership between Ecothrive and Indoor Organics, which worked together to provide genuine organic products using high-quality ingredients.

Life-Cycle will nourish your soil to grow naturally productive plants. It's ideal to use when making an organic soil mix to provide long-term fertility. Life-Cycle can also be used as a top dress throughout growth and blooming and for rejuvenating used soil at the end of a cycle.

1kg of Life-Cycle will treat 50 – 150L of soil or coco.

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|------|-------|-----|-------|-----|-------|
| 250G | 40511 | 1KG | 40509 | 5KG | 40510 |
|------|-------|-----|-------|-----|-------|



MONSTER GROW™ PRO plant growth promoter

Grotek Monster Grow Pro is a soluble yet highly powerful growth enhancer that's added to the existing feeding schedule once per week during the middle to late veg and pre-flowering stages. It can be used in all growing styles (soil, coco or hydro) when high levels of nitrogen are needed.

Adding Grotek Monster Grow Pro to your nutrient solution will encourage the plants to display healthy growth, with the leaves showing a lush green colour.

Improved development of the root zone will also be apparent, with the plants becoming structurally strong as they prepare themselves for flowering.

GROW 130g | 04495 | 500g | 02593



MONSTER BLOOM™ plant flower booster

A classic bloom enhancer, Monster Bloom has gained a reputation for its ability to assist plants during the middle stages of flower development.

The high concentration of phosphorous encourages blooming and plays a vital role in plant metabolism.

The potassium in the formula improves bloom and fruit quality while impacting photosynthesis, assisting starch production within the plants.

It is very concentrated and should be phased out prior to the last two weeks of flowering. This will ensure that the plants have the opportunity to metabolise all of the power locked within Monster Bloom.

The result will be a flavourful and abundant crop.

BLOOM 130g | 04496 | 500g | 02603
2.5KG | 02594



CAL-MAX™ calcium, magnesium and iron

During periods of high temperatures and accelerated growth, plants can develop preventable nutrient deficiencies.

Cal-Max was developed to provide the additional calcium, magnesium and iron needed to support peak production.

Cal-Max can be used to treat problems when they surface, and it can also be used as a preventative supplement in your nutrient programme to avoid deficiencies such as tip burn in lettuce and blossom end rot in tomatoes.

CAL-MAX 1L | 02865 | 4L | A4054



VITAMAX PLUS™ flower booster

Vitamax Plus is specially formulated to improve plant growth, encourage blooming and assist in flower and fruit development.

It contains macro-nutrients and added magnesium to aid in the formation of chlorophyll and other essential plant compounds.

Always use Vitamax Plus as part of your regular fertiliser programme.

Use with every watering up until the last 10 days of crop growth; then, discontinue use. Be sure to soak the soil or medium completely when using the Vitamax Plus solution.

VITAMAX PLUS 4L | 02597

GROTEK™
SCIENCE FOR PLANTS

Grotek planted its roots in Canada in 1998. It has since grown into a company that distributes internationally – gardeners helping gardeners with products for every stage of growing. Consistent and effective, its easy-to-use formulas help clients achieve the highest yields, ensuring great value. At the core of Grotek is a focus on science for plants, and in 2016, the company took that focus and combined it with its experience to bring clients a new level of plant-based nutrition.

It has expanded the use of organic extracts, adjusted nutrient ratios to maximise growth at a cellular level and taken its formulas to a new benchmark in efficacy.



GROWTH TECHNOLOGY
NITROZYME
foliar growth enhancer

Nitrozyme is based upon a highly concentrated and purified extract of marine kelp. It is rich in growth-promoting compounds and has truly amazing effects on crop performance.

Imported from Canada, Nitrozyme has been thoroughly tested by reputable organisations, on many commercial crops.

Nitrozyme can be used as a foliar growth enhancer – misted across the foliage or it can be watered into the root zone.

An advanced blend of supplementary essential vitamins. Aids biological processes in plants.

Use with any nutrients at all stages of plant growth.

| | | | |
|-----------------|-------|-------|-------|
| NITROZYME 100ml | 00098 | 300ML | 00099 |
| 1L | 00097 | 5L | 05201 |

GROWTH TECHNOLOGY
FORMULEX
the perfect all round solution

Formulex has become an industry standard and is valued for its utility and ease of use. It is a single solution with amazing capacity for stable pH through its ground-breaking inbuilt buffering capacity. Formulex can be used for almost every fertilising requirement and is an amazingly useful bottle to have around.

Many people recommend it for seedlings and young plants generally, but it can be used at all stages of growth and for many different crops.

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|----------------|-------|-------|-------|
| FORMULEX 100ml | 05202 | 300ml | 05203 |
| 1L | 05204 | 5L | 05205 |
| | 20L | 39736 | |

GROWTH TECHNOLOGY
LIQUID SILICON
liquid silicon

Silicon is a beneficial plant nutrient found in virtually all natural soils but not in hydroponic nutrient solutions- until now.

It will strengthen your plants' cell walls, producing stronger, healthier plants with massive root systems and increased resistance to pests and disease.

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|----------------------|-------|----|-------|
| LIQUID SILICON 250ml | 02668 | 1L | 02667 |
| 5L | 04628 | | |

GROWTH TECHNOLOGY
LIQUID OXYGEN
increase oxygen

A daily addition of our Liquid Oxygen to your nutrient tank will greatly enhance the photosynthetic process.

This will lead to bushier plants with larger leaves, thicker stems and shorter internodes. The plants will be stronger, and the leaves will be darker, thus collecting light with greater efficiency and further improving the photosynthetic response.

Our Liquid Oxygen will quickly break down in the nutrient tank, releasing a free atom of oxygen. This oxygen atom is extremely reactive and will either attach itself to another atom, forming a stable oxygen molecule, or attack a nearby organic molecule, such as a virus or fungal spore.

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| LIQUID OXYGEN 250ml | 00116 | 1L | 00115 |
| 5L | 04750 | | |



GROWTH TECHNOLOGY

CHILLI & PEPPER FOCUS

essential nutrients

Specifically formulated to produce bumper crops of juicy chillies and peppers.

Chilli & Pepper Focus is expertly formulated for optimum growth of chillies and peppers in pots, grow bags or in the open ground.

A carefully balanced formula of nutrients, it is manufactured from pure mineral salts and enriched with complex organic plant acids such as humic and fulvic acid to increase the fertility of the potting medium.

Unique, balanced nutrient solution for chillies and peppers

The only liquid nutrient solution on the market specifically formulated for chilli and pepper plants

Supports the production of healthier, more vigorous plants and colourful, juicier fruits

CHILLI & PEPPER 100ml | 42079 | 300ml | 42080

1L | 42078

GROWTH TECHNOLOGY

ORCHID FOCUS

essential nutrients

Orchid Focus is manufactured from pure mineral salts and enriched with concentrated organic plant acids. It contains no urea which damages the sensitive orchid roots. Never use a fertiliser that contains urea for your orchids – it is irresponsibly made.

Orchid Focus Grow is a precise formulation for the vegetative periods of Cymbidium, Dendrobium, Odontoglossum, Cambria, Brassia, Miltonia and others. It contains all the necessary nutrients for optimal leaf and shoot production.

Orchid Focus Bloom is a precise formulation for Phalaenopsis at all stages, and for the flowering stage of Cymbidium, Dendrobium, Odontoglossum, Cambria, Brassia, Miltonia and others. Contains all the necessary nutrients for optimal flowering.

ORCHID FOCUS 100ml | CALL | 300ml | CALL

1L | 42078

GROWTH TECHNOLOGY

ORGANIC TOMATO FOCUS

vibrant flowers, naturally

Specifically formulated to promote heavy crops of tomatoes – also suitable for cucumbers, courgettes, peppers and aubergines.

Concentrated liquid fertiliser blended from 100% vegetable raw materials approved for ecological growing

Vegan friendly

A superior organic fertiliser that can be specifically chosen to promote heavy crops of tomatoes. It is also suitable for all fruiting crops such as cucumbers, courgettes, peppers, chillies, beans etc

Contains a full profile of pure organic nutrients including trace elements and complex organic compounds

Further enriched with molasses for superior flavour and pure Ascophyllum nodosum seaweed extract to boost plant metabolism and increase stress resistance

TOMATO FOCUS 1L | CALL | 5L | CALL

GROWTH TECHNOLOGY

ORGANIC GARDEN FOCUS

vibrant flowers, naturally

A superior, multi-purpose organic fertiliser for use in the garden.

A balanced nutrient solution designed to support healthy, vigorous plant growth with all vegetables, fruit trees, bedding and shrubs.

Concentrated liquid fertiliser blended from 100% vegetable raw materials approved for ecological growing

With potassium for stunning floral displays and organic nitrogen for lasting soil fertility

Contains a full profile of pure organic nutrients including trace elements and complex organic compounds. It will encourage beneficial soil microbes, helping to protect plants from pests and diseases

GARDEN FOCUS 1L | CALL | 5L | CALL



AGROTECH
C-RESULT FERTILIZER
all in one product

C-Result A&B ensures a higher and more qualitative yield. More fertilizer elements, boosters and enzymes are used than any other company in one product.

A small amount of C-Result is also added so that all fertilizer elements are optimally transported to the roots. All elements can be absorbed directly by the plant.

C-Result A&B 5L ensures a higher and more qualitative yield.

C-Result A&B is an all-in-one product that contains the following: A&B Fertilizer, Root Stimulator, Enzymes, Silicic Acid, Sugar Booster and PK-Booster.

AGROTECH
C-RESULT
organic flower booster

This is an organic plant stimulant that contains 13 statically charged element molecules of plant origin.

The statically charged molecules collect all of the elements in your nutrient mix and use patented technology to transport them directly to the plants' roots.

C-RESULT allows plants to concentrate their energy on producing flowers instead of on searching for food. Meanwhile, the plants avoid any deficiencies, ensuring maximum yield and quality. This is due to the plants' absorption rate increasing from 55-65% to 80-90%.

C-RESULT can be used in all substrates and all growing methods and with any nutrient range. It is only applied once at the onset of flower formation.

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|----------------|-------|-------|-------|----|-------|
| C-RESULT 250ml | 06047 | 500ml | 06048 | 1L | 06049 |
| 5L | 06050 | 10L | 06051 | | |

GROW SWITCH
FULL ON
nutrient conditioner

To maximize accelerated growth patterns, root feed Full On at least twice a week along with a weekly foliar spray. Using Full On as both a foliar and root drench creates a synergy in the plant, utilizing Full On's minerals and nutrients from both the leaves and the roots.

Full On can be mixed with other nutrients or added to weekly watering regimens.

Full On will not burn plant tissue undiluted and can be applied up to 20ml/gallon if needed. It can also be used in large reservoirs for everyday feeding regimens as well as aquaponics.

We recommend using 2ml/gal in the reservoir.

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| GROW SWITCH FULL ON 5L | 40931 | 10L | 40930 |
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DYNOMYCO™
natural root enhancer

DYNOMYCO inoculates plants with vigorous endomycorrhizal fungi. Mycorrhizae improve the plants' nutrient uptake, which translates to healthier, more resilient plants. Improved quality and higher yields!

Mycorrhizae are a symbiotic relationship between fungi and plants. The microscopic fungi latch onto plant roots and extend them into an underground web. This symbiosis helps the plant access nutrients and water that would otherwise be unavailable.

DYNOMYCO™ is based on 30 years of research by a team of agronomists and plant and soil experts. We understand mycorrhizal fungi and the great impact they have on plants, which are considered obligate mycotrophs.

| | | | | | |
|-------|-------|------------|-------|------|-------|
| 100G | 37646 | STICK 200G | 39324 | 340G | 39325 |
| 750ml | 37647 | 10KG | 39327 | 20KG | 39326 |

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|------------------------|-------|----|-------|
| C-RESULT FERTILIZER 1L | 39341 | 5L | 39432 |
|------------------------|-------|----|-------|



GEN200 CONTROL
bioavailable orthosilicic acid

GEN200 regulates plant growth and ensures plants have a natural defence system. This ensures that the plants have better resistance to diseases and stresses such as heat and cold.

Your plants will root faster and develop stronger stems and leaves, resulting in firmer plants and bigger yields.

GEN200 can be used on all kinds of soil and with all kinds of nutrition.

Farmers can save money using GEN200 because of the decreased importance of the use of insecticides, fungicides and pesticides. Another advantage of GEN200 is higher yields and better-quality fruits and vegetables with an increased shelf life due to better water retention.

GROWCENTIA MAMMOTH P
increase phosphorus uptake

MAMMOTH P is the first organically derived microbial inoculant for growing plants that maximises phosphorus and micro-nutrient cycling to optimise bud growth, increase yields and enhance plant health.

Using MAMMOTH P in hydroponic systems is an excellent way to introduce the organic benefits of microbial soil nutrients without sacrificing water quality.

MAMMOTH P has been engineered to supplement any fertiliser programme. It has been specifically designed to increase phosphorus availability during the blooming phase and should be used as a supplement to your regular fertilisation programme.

PLANT DETONATOR
boost your plant

Plant Detonator has been designed to be added in with ANY feeding schedule, using any nutrient range.

It will boost your plants performance giving you bigger and heavier plants.

Plant Detonator is a metabiological mobilizer which means that it increases nutrient transportation around your plants. This in turn ensures that your plants are reaching their full potential.

HYLINE HYGROZYME™
enzyme formula

Hygrozyme is a natural enzyme product that breaks down old roots into food for your plants while creating space for new roots to grow.

Hygrozyme's manufacturing process is completely unique and contains no living organisms. It can be used throughout the entire growing process or as a soak to rid old media of dead roots and prepare them for your next grow.

Hygrozyme is an enzyme product like no other, created via an entirely unique fermentation process that produces a bacteria-free product consisting of enzymes and amino acid chains. This makes space for new roots to grow in and creates a healthier root zone.

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|---------------|-------|-------|-------|
| CONTROL 100ml | 05002 | 250ml | 05003 |
| 500ml | 05004 | 1L | 05005 |
| 5L | 41421 | | |

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|-----------------|-------|-------|-------|
| MAMMOTH P 120ml | 06190 | 250ml | 06191 |
| 500ml | 06192 | 1L | 06193 |
| 4L | 06194 | | |

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|--------------------|-------|----|-------|
| PLANT DETONATOR 1L | 42159 | 5L | 42160 |
| 10L | 42162 | | |

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|-----------------|-------|-----|-------|
| HYGROZYME 500ml | 02399 | 1L | 02398 |
| 4L | 02401 | 10L | 05770 |



**BIO BAV
PROBLEM SOLVER**

revive, don't throw

Problem Solver contains a mix of organic minerals, beneficial bacteria and important trace elements. Making it a superior plant upgrader and medium conditioner. Weak plants become strong and healthy again; Yellowed plants become beautiful, strong and green again; Hard soil becomes soft and clean.

The beneficial bacteria promotes more root growth and a stronger root system

The organic macro and micro minerals provide a high dose of nutrient so the plant gets reinvigorated and becomes healthy again

The water absorption capacity of the soil is improved; the soil can be utilised better

The micro and macro elements benefit from a non-complex form of enzymes

**MOONSHINE
MOONSHINE
nutrient enhancer**

Moonshine Nutrient Enhancer is a natural, bio-degradable blend of plant extracts that poses no threat to human health or the environment.

This all-natural organic product boosts growth and vitality across all areas of your plants without affecting EC levels.

It's unique formula makes Moonshine Nutrient Enhancer the ideal partner for any nutrient line, enhancing the performance of existing products without altering their strength.

Experience the benefits of this organic booster, including stronger root systems, accelerated flowering, larger fruits, enhanced aromas, and increased stress resistance in your plants.

**MOONSHINE
HOME & GARDEN
nutrient enhancer**

Boost your plant's growth and vitality with Moonshine Home & Garden, a powerful and eco-friendly nutrient enhancer.

Home and Garden is a diluted version of our original Nutrient Enhancer, carefully formulated with a natural blend of plant extracts. It is completely biodegradable and poses no threat to human health or the environment.

Experience the benefits of our all-natural organic formula that improves plant performance in every aspect without affecting your EC levels.

Moonshine Nutrient Enhancer is designed to work seamlessly with any other nutrient line, enhancing the effectiveness of your existing products without altering their feed strength.

**MOONSHINE
MOONSHINE SUNSHINE
nutrient enhancer**

Moonshine Sunshine is a powerful, eco-friendly foliar spray that enhances plant growth.

Its natural blend of plant extracts is biodegradable and safe for humans and the environment.

Unlock the potential of your plants with Moonshine Sunshine, promoting nutrient absorption and efficient photosynthesis for lush foliage and sturdy stems.

Say goodbye to harmful chemicals and embrace sustainable growth. Develop stronger roots, shorter flowering times, and bigger, more flavourful fruits. Join the community of Moonshine Sunshine enthusiasts and experience remarkable results in your garden.

BIO BAV250ml 40895 1L 40893 5L 40894

MOONSHINE 1L 41887 5L 41888
10L 41886

H&G 500ml CALL 1L CALL 5L CALL

SUNSHINE 500ML CALL 1L CALL
1L RTU 42111 5L CALL







59

pH & EC CONTROL

The image features a dynamic splash of clear blue water with numerous bubbles and ripples, set against a light blue background. Two thick, dark blue curved lines frame the central text. The text 'Blueelab' is rendered in a bold, sans-serif font, with the letter 'B' stylized to include a circular element.

Blueelab

COMBO METER

pH, EC & temperature measurement

Measures pH, conductivity and temperature on the go.

Brilliantly simple design that's easy to use, clean and calibrate

Backlit display to capture every measurement with ease.

Includes a pH Probe and Conductivity Probe to cover all your nutrient uptake fundamentals

Customise scales to your preference - conductivity in EC, CF, PPM 500 (TDS) or PPM 700; temperature in °C or °F

The iconic Combo Meter with a toughened Leap pH Probe so you can measure more, faster. All-in-one, portable solution for accurate measurement of pH, conductivity and temperature in nutrient solution.

The Bluelab® Leap pH probe also allows for fast and accurate pH measurements directly in the root zone in a wide range of growing substrates including soil, Rockwool, coco coir and potting mixes - no more slurries or extractions.

The battery-powered, lightweight unit can be used anywhere, anytime to measure critical parameters related to nutrient uptake in plants.

COMBO METER

04474

COMBO METER PLUS

pH, EC & temperature measurement

Measures pH, conductivity and temperature on the go

Brilliantly simple design that's easy to use, clean and calibrate

Backlit display to capture every measurement with ease

Leap pH Probe is safely stored and ready to start measuring straight away

Includes calibration-free Conductivity Probe

2-metre cable for measuring in hard-to-reach locations

Automatic temperature compensation for accurate readings everywhere

Customise scales to your preference - conductivity in EC, CF, PPM 500 (TDS) or PPM 700; temperature in °C or °F

A convenient and portable way to get conductivity, pH and temperature measurements in solution in a compact all-in-one meter.

Easy-to-read screen and push-button operation, choose your preferred parameter to display.

Portable with no external power supply required, this meter can be used anytime and anywhere to help manage your plants' nutrient requirements.

COMBO METER PLUS

43846



CARRY CASE

Enjoy hands-free readings

Firm outer casing for impact resistance

Two custom pockets for holding Bluelab probes

Internal strap to tuck probe cables away tidily

Netted pocket for meter and strap to hold in place

Strong nylon strap with adjustable length

'D' hook at top of outer case for hanging

The sturdy Bluelab Carry Case is an essential companion for your Bluelab meter. Not only does this case have a firm outer casing, which offers impact resistance, but there are also two pockets in the top of the case specially designed for your probes.

This case's removable and adjustable shoulder strap provides comfort and convenience. When you're using your meter, simply place the strap over your shoulder, hold onto the carry case (with the meter inside) and place your probes into the nutrient reservoir to take your readings.

CARRY CASE

CALL



pH PEN

pH measurement

The Bluelab® pH Pen is the preferred option for handheld pH meters. It provides a compact, quick and handy way to manage the success of your crops and helps ensure maximum uptake of nutrients.

A key parameter that affects nutrient uptake in plants is whether your solution is acid or alkaline. We measure this in pH. Teamed with our Bluelab® Conductivity Pen you have a robust, convenient and accurate measurement system.

Fully waterproof • Backlit LCD display • Double junction probe (not replaceable) • Simple two-point calibration process with 30-day calibration indicator • Hold reading function • Low battery indicator • Auto-off function • Automatic temperature compensation for pH

pH PEN | 03129

CONDUCTIVITY PEN

EC and temperature measurement

The Bluelab® Conductivity Pen simply tells you the amount of nutrients in your solution. Conductivity is automatically compensated with the integrated temperature sensor.

Providing a compact, quick and accurate way to measure two key parameters for crop health.

Shows conductivity scales CF, EC, PPM 500 & PPM 700 at the touch of a button • Fully waterproof • Backlit LCD display • Calibration optional • Successful 30-day calibration indicator • Hold reading function

CONDUCTIVITY PEN | 03131



TRUNCHEON NUTRIENT METER

EC measurement

Industry tried, tested and loved by growers for decades, the Bluelab Truncheon Nutrient Meter is renowned as the best conductivity meter for measuring solution. This brilliantly simple, bullet-proof nutrient meter allows you to measure and adjust nutrient levels for optimal plant performance.

The Bluelab Truncheon Nutrient Meter may have been designed for everyday use, but we guarantee that it'll become your growing companion for life.

Robust and reliable construction for long-lasting value • Fully waterproof; splash, submerge or sink - we've got you covered

Automatically detects liquids and bright LEDs indicate measurement for brilliantly simple functionality

Long-format design for mixing and measuring nutrient reservoirs simultaneously

No calibration required and easy to clean and disinfect • All conductivity scales included - EC, CF, PPM 500 (TDS), PPM 700

TRUNCHEON NUTRIENT METER | 00095





GUARDIAN MONITOR WIFI

always on, being there optional

*Built-in Wi-Fi (with option to disable) • High/low pH, temperature and conductivity alarm
Non-volatile memory - keep settings through power loss • 2 metre / 6.6 foot measurement probe cables
Plant-safe green LEDs with adjustable display brightness • Replaceable Bluelab pH Probe*

In just a glance, the Bluelab Guardian Monitor Wi-Fi conveys all 3 critical parameters for successful growth: pH, conductivity, and temperature. With built-in Wi-Fi capability, if enabled the Bluelab Guardian Monitor Wi-Fi can display data in Edenic. Allowing you to keep an eye on your nutrient levels from anywhere, any time.

The Bluelab Guardian Monitor Wi-Fi is a constant indicator of the desired levels of nutrient solution, enabling you to optimise these vital parameters as your crops progress through each growing stage. The Bluelab Guardian Monitor Wi-Fi's plant-safe large backlit LED display allows you to view your pH, EC, and temperature at a glance.

You can also set discreet visual alarms for your preferred parameter ranges; these will let you know whenever your parameters are out of range. This ensures that you will always be on top of your reservoir conditions.



GUARDIAN MONITOR CONNECT

Stay connected to your reservoir parameters 24/7

View your reservoir parameters on your mobile phone no matter where you are in the Edenic by Bluelab app (Connect Stick required, purchased separately (visit Edenic.io for more information)

*View your reservoir parameters on your mobile phone no matter where you are
24/7 continuous monitoring of pH, EC and temperature in reservoirs
Save time with the Bluelab Guardian Monitor Connect*

With the Bluelab Guardian Monitor Connect, you will be able to continuously monitor pH, EC and temperature in your reservoir. There's no need for manual measurements and spot checks; instead, you will only need to adjust for pH and nutrient.

When you consistently track the three fundamental parameters of nutrient uptake, you'll be able to spot any fluctuations, allowing you to solve issues as and when they happen. After all, when you keep these parameters steady, you'll end up with healthier plants.

Save time and labour with the Bluelab Guardian Monitor Connect so that you can focus on growing great plants every single time.

To connect, you'll need to purchase a Connect Stick and download our free Connect software.



MULTIMEDIA pH METER

versatile and compact pH meter

Fast sensor response for quicker readings on the go

Multimedia friendly for measurements across a range of environments

Toughened spear tip for direct root-zone measurements

Simple two-point calibration process for ongoing accuracy

Backlit LCD display to capture measurements with ease

2 x AAA alkaline batteries included

Combine the Bluelab Multimedia pH Meter and Bluelab Leap pH Probe to take fast and accurate measurements in nutrient solution, soil, coco coir, rockwool, potting mix and many other media types.

Calibration is simple with one push button on the meter and fresh Bluelab Calibration Solutions. A successful calibration indicator is displayed on screen; after 30 days, this will disappear and you'll need to recalibrate to ensure ongoing accuracy.

PULSE MULTIMEDIA EC/MC METER

three instant measurements with a single click

Measure EC, moisture and temperature directly in the root zone
Lightning-fast: get three measurements with a single click

View, store and compare all your measurements in the Pulse app

Robust 8 1/200 mm long-format stainless steel probes provide deeper insight

Works in a variety of growing substrates and nutrient solution
Move faster with Blink - get quick in- or out-of-range measurement indicators on the Pulse Meter

The Bluelab Pulse Meter will enable you to accurately measure EC, moisture and temperature with a single click. When you optimise your root zone, you'll be able to unlock your plants' full potential.

All plants need the right amount of food (nutrients) in order to thrive; measuring conductivity will ensure that your plants have access to the right amount of nutrients at every growth stage.

You also need to measure moisture so that you can optimise your irrigation cycles and water consumption while controlling the risk of root infections. Lastly, by regularly measuring temperature, you'll be able to spot temperature fluctuations and optimise root function.



pH CONTROLLER

automatic control of pH levels in nutrient solutions, creating a stable environment

*Automate pH control in reservoirs of up to 760 litres • 10 ml/min peristaltic pump delivers precise control
Controls pH in the up (alkali) or down (acid) direction • In-built safety lockouts prevent overdosing
Dosing routine allows for effective mixing before next dose • Auto-resume dosing when restarting after power loss
High and low alarms to alert you when pH is out of range • Acid- and alkali-resistant delivery tubing
2-metre/6-ft probe and power cable lengths and 4-metre/13.12-ft total tubing for best positioning and viewing
Easy-to-clean display built for clean environments*

Fine-tune reservoir pH levels and have confidence - your pH is taken care of.

Automatic measuring and adjusting to maintain pH levels with optional alarms. Provides consistent control of pH in a growing system.

Intuitive "on time" and "off time" allows the solution to dose and mix before the controller measures and doses again. Reassurance with safety lockouts to prevent over delivery of pH adjusters.

If your pH isn't in the right range, 5.5 - 6.5 for most plant varieties in hydroponics, your nutrients are likely wasted.

Too high or too low, and you're in trouble. The result is nutrient deficiency or complete nutrient lockout. A sure way to unhappy, unhealthy - even dying - plants.



PRO CONTROLLER

Automated and constant control of reservoir pH and nutrient levels

Control pH and conductivity when connected to a dosing system, like the Bluelab® PeriPod

Multiple nutrients at different ratios • Easy to navigate menu to program and adjust settings

Remote viewing and configuration with FREE Bluelab® Connect software and mobile app

Plant safe green LED display with adjustable brightness • Simple pH calibration with on screen instructions

High and low alarm control lockouts • Auto resume dosing on restart after power loss • Use Bluelab® PowerPod to connect to other mains operated dosers and/or heating or cooling devices • Dosing lockouts to protect from overdosing

Full control of reservoir pH, conductivity and temperature in one place.

When connected to a Bluelab® PeriPod doser, Pro Controller manages and maintains pH and conductivity levels in reservoirs. As your plants feed, pH and nutrients are automatically adjusted to the desired range.

Probe cable length: 2 metre / 6.6 feet.



FLOW RATE UP TO:
120 ml/min, PER PUMP



PERIPOD M3/ M4

confidently automate pH and nutrient levels in growing reservoirs

- Peristaltic pumps for accurate and consistent dosing of nutrient and pH into reservoirs*
 - For convenience, doser can be positioned lower than the injection point • 120ml/min flow rate*
 - Quiet and fan-cooled for optimal performance • Manual dosing from the unit to prime tubing*
 - 4m of tubing for dosing pH adjuster solution • Replaceable peristaltic pumps and tubing*
 - Opaque nutrient tubing to prevent algae growth • Rugged wall-mounted design for long-lasting efficiency*
 - High-strength acid-/alkaline-resistant tubing for safe dosing of pH up or down*
- Easy integration for nutrient solution management.

Your time is extremely valuable, don't waste it manually dosing. Designed to be teamed with the Bluelab® Pro Controller for a fully integrated solution for optimal reservoir dosing, the Bluelab® PeriPod is a simple and reliable inclusion to your system.

The Bluelab® PeriPod responds to the Bluelab® Pro Controller and pumps pH adjusters and nutrient stock solutions into your reservoir using peristaltic pumps. Accurately measure, control and maintain pH and nutrient levels. Grow sites are all different so now you can choose the pump size to match your set up needs and add optional extras, external alarm box and sample pot, to your nutrient dosing system set up.

pH PROBE 2M

continuous pH, EC and temperature measurement

- Dependable double-junction pH probe technology that's built to last*
- Double-junction probe reduces reference contamination, extending longevity*
- Fully waterproof - not just water resistant*
- BNC connector allows use with all other compatible Bluelab and Autogrow products*
- 2-metre cable for measuring in hard-to-reach locations*
- Use the included storage cap with KCl to lengthen probes lifespan*
- Fast sensor response ensures quick and accurate measurements*
- Polycarbonate housing for long-lasting strength*
- Effective in solutions of 0.2 EC and above*

The Bluelab® pH Probe is a replacement pH probe suitable for use with all Bluelab® products that use a BNC fitting.

pH probes have a limited lifespan, they age with everyday use. With proper care and use (keeping the probe tip hydrated and cleaning once a month), you can extend the probe life.

The probe tip should be stored in KCl solution to keep it hydrated.



NEW

PROBE CARE KIT - pH
clean & maintain your pH probes

20ml single-use Bluelab® Solution Sachets, 2 each of: pH 7.0 & 4.0 and KCl
3 plastic cups • Bluelab® pH Probe Cleaner and toothbrush

pH PROBE CARE KIT

CALL



NEW

PROBE CARE KIT - CONDUCTIVITY
clean & maintain your conductivity probes

2x 20ml single-use Bluelab® 2.77 EC Standard Solution Sachets
1 plastic cup • Bluelab® Conductivity Probe Cleaner and chamois stick

CONDUCTIVITY PROBE CARE KIT

CALL



NEW

PROBE CARE KIT pH & CONDUCTIVITY
clean & maintain your pH probes

20ml single-use Bluelab® Solution Sachets, 2 of each: pH 7.0 & pH 4.0, KCl and 2.77 EC • 3 plastic cups
Bluelab® pH Probe Cleaner and toothbrush Bluelab® • Conductivity Probe Cleaner and chamois stick

pH & CONDUCTIVITY PROBE CARE KIT

CALL



NEW

SOLUTION SACHET 30 BOX
Mixed pH 4, pH 7, KCl and EC 2.77

10 x single-use Bluelab pH 7.0 Calibration Solution • 10 x single-use Bluelab pH 4.0 Calibration Solution
5 x single-use 2.77 EC Conductivity Standard Sachets • 5 x KCl Storage Solution Sachets

SOLUTION SACHET

CALL



milwaukee

Test the acidity or alkalinity of soil, hydroponic systems, aquariums, beer, wine, cheese, and more with a Milwaukee pH meter. Our pH meter range includes everything from affordable pH pens and advanced pH testers to lab grade pH meters, monitors and controllers.

Milwaukee offers over 30 years of experience and product development combined with expert support. Join hundreds of thousands of people who trust Milwaukee to get to the next level with a digital pH meter.

Make sure that you look after your pH meter to get more accurate results for longer by using our range of calibration, cleaning and storage solutions.



NEW

pH55 PRO Waterproof pH & Temperature Tester

*pH Range: -2.0-16.0 pH Resolution: 0.1 pH
Accuracy: ± 0.1 pH*

The pH55 PRO pH/Temperature tester is one of Milwaukee's most accurate cost effective, well rounded, rugged and reliable testers in the market, featuring dual level LCD readouts, easily replaceable probe and extended pH ranges to meet almost any application. It's simple one or two point automatic calibration is simple-to-use and offers TWO sets of memorized buffers to select. Ideal for use in aquariums, hydroponics, horticulture, education, pools, beer and many other applications.

Fast easy to read results with large digital LCD readout

Extreme pH accuracy to ± 0.1 pH with an extended pH range (-2.0 pH to 16.0 pH).

Resolution to 0.1 pH

Easy measurement: just place the probe in the sample, gently stir, wait for the stability indication to show a stable reading and then freeze the reading

Simple Automatic one or two-point calibration

2 Sets of pre-memorized buffers

Gel-filled, double junction pH electrode for low maintenance and high performance.

Over 300 hours of battery life (batteries included)

Fully waterproof to IP65

Replaceable pH electrode Mi56P



NEW



MW804

MAX Waterproof 4-in-1 pH / EC / TDS/Temp Tester

*pH Range: pH: 0.00-14.00 pH | EC: 20.00 mS/cm
TDS 0 - 10.00 ppt | Temp: 0.0 to 50.0°C / 32.0 to 122.0°F
Accuracy: pH: ±0.05 pH | EC/TDS: 2% Full scale*

The Milwaukee MW804 MAX Waterproof 4-in-1 pH/EC/TDS/Temp Tester is designed as an all-in-one solution for growers.

The Milwaukee MW804 MAX Waterproof 4-in-1 meter offers:

Extreme accuracy to ±0.05 pH, EC / TDS 2% Full Scale and Temperature ±0.5 C / ±1 F

Range 0.00 - 14.00 pH, EC 20.00 mS/cm, TDS 0 - 10.00 ppt, Temperature: 0.0 to 50.0 C / 32.0 to 122.0 F

Lightweight and portable at just 3.5 ounces

Easy measurement: just place the probe in the sample, gently stir, wait for the stability indication to show a stable reading and then freeze the reading

Simple push button, automatic one or two-point calibration with 5 saved calibration points

Gel-filled, double junction pH electrode for low maintenance and high performance

Auto shut off and low power demand for approx.

100 hour of continuous use (batteries included)



EC40 NUTRIENT METER

precision measuring for optimal results

Range: 0.2 to 4 mS/cm | 2 to 40 CF | 140 to 2800 ppm 0.7 scale | 100 to 2000 ppm 0.5 scale

Resolution: 0.1 mS/cm | 1 CF | 70 ppm (factor: 700 ppm = 1 mS/cm | 50 ppm (factor: 500 ppm = 1 mS/cm)

Accuracy: ±4% of reading | ± 1 resolution point

Temperature Compensation: Automatic 5 to 50°C / 41 to 122°F

The Milwaukee EC/TDS Nutrient Meter is designed for Hydroponics, horticulture and agriculture.

Designed to help you make sure that your vegetables and plants are receiving the right amount of nutrient, promoting healthy growth with low to zero product waste.

Keep EC/TDS in your target range to help you achieve better results.

Measures conductivity (EC) and total dissolved solids (TDS) with automatic temperature compensation

Ideal range for Hydroponics (0.2 to 4 mS/cm | 2 to 40 CF | 140 to 2800 ppm 0.7 scale 100 to 2000 ppm 0.5 scale)

Units directly in mS/cm/CF/PPM (no conversions required)

Factory calibrated no continuous calibration required

High accuracy

Automatic Temperature Compensation (ATC)

Auto on/off feature

Blue LED display

Graphite electrode in ABC + PC body

Battery level indicators



pH600 digital pH pen

*Range: 0.0 - 14.0 pH Resolution: 0.1 pH
Accuracy: +/- 0.1 pH Calibration: 1 Point*

The Milwaukee pH600AQ compact pen tester is specifically designed to help maintain aquariums and aquaculture.

Keeping the proper pH improves results for aquarium fish and quality in a range of fish raised in aquaculture.

Use digital accuracy to keep pH in your target range for better results.

Fast, accurate results with digital LCD readout

Easy measurement: just place the probe in the sample, gently stir and wait for the reading to stabilize

Simple one-point calibration with an easy-to-use trimmer located on the back of the pH tester to protect from accidental splashes

Cap to protect the pH sensor and keep it wet when stored upright

Low power demand for extended battery life (batteries included)

MILWAUKEE PH600

40257

CD611 digital conductivity pen (EC)

Temperature Compensation: Automatic

Accuracy: EC: ±2% Full Scale

Range: 0 to 20,000 µS/cm

The Milwaukee Conductivity Pen is designed for hydroponic and other growers to help you make sure that your plants are receiving the right amount of nutrient. Keep EC in your target range to help your achieve better results.

Measures conductivity and temperature with automatic temperature compensation

Ideal range for hydroponics (0 to 20,000 µS/cm)

Units in µS/cm easily convertible to ppm

Factory calibrated with the ability to recalibrate if needed

350 hours continuous use (3 x 1.5V batteries included)

MILWAUKEE CD611

40258



MI6000 economy kit

The Milwaukee Mi6000 is a complete pH and EC pocket tester set consisting of the PH600 | pH tester and the CD611. The pH and EC set is supplied in a solid hard-shell plastic storage case.

MILWAUKEE MI6000

40263



MI5166
economy kit

The Milwaukee Mi5166 is a complete pH and EC pocket tester set consisting of the PH51 pH tester and the C66.

The pH and EC set is supplied in a solid hard-shell plastic storage case.

MILWAUKEE MI5166

40264



pH51
Waterproof pH Tester

*pH Range: 0.0 – 14.0 pH Resolution: 0.1 pH
Accuracy: ±0.1 pH Calibration: Manual 1 or 2 point*

The Milwaukee Waterproof pH51 Tester is one of our most accurate low cost, rugged and reliable pH testers in the market featuring the ability to easily replace the probe providing for years of carefree use. It's simple 2 point manual calibration is simple-to-use.

Ideal for use in aquariums, hydroponics, horticulture, pools and many other applications.

Fast easy to read results with large digital LCD readout

Extreme pH accuracy to ±0.1 pH with a pH range (0.0 pH to 14.0 pH)

Easy measurement: just place the probe in the sample, gently stir, wait for the stability indication to show a stable reading and then freeze the reading

Simple manual one or two-point calibration

Gel-filled, double junction pH electrode for low maintenance and high performance

Fully waterproof to IP65

Over 1500 hours of continuous battery life (batteries included)

Replaceable pH electrode

MILWAUKEE PH51

40260

C66
waterproof high range conductivity pen

Accuracy: EC: ±2% Full Scale

Temperature Compensation: Automatic

Range: 0.00 to 10.00 mS/cm

The Milwaukee Conductivity Pen is designed for hydroponic and other growers to help you make sure that your plants are receiving the right amount of nutrient. Keep EC in your target range to help you achieve better results.

Measures conductivity and temperature with automatic temperature compensation.

Ideal range for hydroponics (0.00 to 10.00 mS/cm).

Units in mS/cm easily convertible to ppm.

Factory calibrated with the ability to recalibrate if needed.

Replaceable electrode.

Fully waterproof to IP65

250 hours continuous use (3 x 1.5V batteries included)

MILWAUKEE C66

40261



MW802 PRO

3-in-1 pH, EC, TDS Combo Meter with ATC

Range: 0.00-14.00 pH | 0.00-6.00 mS/cm | 0-4000 ppm

Accuracy: ± 0.2 pH | $\pm 2\%$ Full Scale EC/TDS

Calibration: Manual, Single Point

The Milwaukee MW802 PRO Combo Meter lets you easily and accurately test pH, conductivity and total dissolved solids (TDS) using a single meter and integrated probe.

Simple, portable and rugged. No more juggling multiple electrodes and wires. Automatic temperature compensation included.

The MW802 is the ultimate solution for pH and nutrient management.

pH, conductivity / nutrient EC, TDS (ppm) with automatic temperature compensation.

A replaceable, integrated pH, EC, and TDS (ppm) probe with a single 3 foot cable for easy use

A fibre junction on the pH sensor to reduce contamination when measuring fertilizer solutions

A light weight and portable form factor at just 5.8 ounces with battery and just over 3" wide

Factory calibration with a simple, single point manual calibration for both pH and EC

Specialized design for hydroponic, aquaponic, and greenhouse growers



MC811

accurate. simple. reliable.

Range: 0.0 - 12.0 pH | 0.00 to 5.00 mS/cm | 14.0°F to 140.0°F

Resolution: 0.1 pH | 0.01 mS/cm | 0.1°F / 0.1°C

Accuracy: ± 0.2 pH | $\pm 2\%$ Full Scale | $\pm 0.5^\circ\text{F}$ ($\pm 0.3^\circ\text{C}$)

Calibration: pH Manual, 2 Point (trimmer) | EC, Manual 1 point | Temp. Factory Calibrated

The MC811 MAX Monitor automatically monitors and displays pH/EC/Temp levels. Just calibrate the parameters and let the Milwaukee MAX Monitor do the rest.

The Milwaukee MC810 MAX pH/EC/Temp Monitor is preferred by people looking to know 24/7 what their pH and nutrient levels are on an ongoing basis. Common uses are nutrient tanks, Hydroponics and aquariums.

Fast easy to read current results with 3 large digital BACKLIT LCD readouts

Simple two-point pH calibration and one point EC, for increased accuracy with manual trimmers for easy adjustment

Gel-filled, double junction MA911B/2 (included) lab grade pH electrode for low maintenance and high performance

6.5 feet probe cables for extra flexibility when testing



**ETI****pH PAL PLUS**

our most popular pH pen

The pH Pal Plus tester is a user-friendly and simple-to-use pH meter that incorporates an automatic calibration feature.

At the touch of a button, the instrument will automatically re-calibrate itself when used in conjunction with a 7-pH buffer solution.

The tester will automatically power off after ten minutes.

Pocket-sized pH meter, ideal for everyday use

Automatic calibration feature

Easy to read 8 mm LCD display display hold function

Temperature operating range 0 to 50°C

**TORUS HYDRO****AUTOMATED pH REGULATOR**

set and forget it

Water is a living organism. Its mineral content, overall health, and environment can alter its state of charge (pH).

This state of charge (pH) has direct effects on the growth rate and health of plants, which are electric, and bio-magnetic in nature.

The XpH kickstarts, and then maintains a balanced state of charge (pH) within the water by storing a large amount of charged ions.

These charged ions are slowly released and interchanged to interact with other minerals and elements in the solution, creating a stable pH and re-energizing the water.

Due to all these varying properties of water, the State of charge (pH) of any given system of water, will vary some from one to another and can change during different stages of growth.

**TERRA AQUATICA****pH TEST KIT**

fast, reliable, accurate pH testing without batteries

Our liquid pH tester is perfect for easy testing and as a backup to your digital meter.

Covering a wide range, from 4.0 to 8.5, our kit gives up to 500 tests with 30 ml.

**TERRA AQUATICA****pH-**
pH adjustment

Premium pH management and buffering for hydroponics, coco and soil.

Not just a simple acid : Terra Aquatica pH- makes a real contribution to nutrient solution stability

To make Terra Aquatica pH- we carefully blend three acids commonly used alone in hydroponics to give you all the benefits of each – without the disadvantages.

Terra Aquatica pH- uses nitric and phosphoric acids to do the initial heavy lifting of altering your water pH, and the blend of both means no disturbance to your N/K ratios throughout grow and bloom – and no residue on the surface of your tank from using phosphoric alone in hard water areas.

T.A. pH- 500ml | 05196 | 1L | 04895

TERRA AQUATICA**pH+**
pH adjustment

Premium pH management and silica source for hydroponics, coco and soil.

Controls pH and boosts silica levels at the same time

Whilst raising pH level may seem crazy to growers in hard water areas, it's a real issue with very soft water or when using reverse osmosis. Terra Aquatica pH+ allows that adjustment and offers a good source of available silicate – which is often deficient in Hydroponics, due to its very low solubility.

Proper silicate levels make a big contribution to plant health and so we include it in products whenever we can.

T.A. pH+ 1L | 04896

TERRA AQUATICA**pH- POWDER**
pH adjustment

Unique dry powder pH management solution for hydroponics, coco and soil.

The only full-strength dry powder pH adjuster on the market

Inert when dry, and a potent acid when mixed with water: TA Powder pH Down is a unique solution to the problems associated with shipping liquid acids for pH management.

TA pH- Powder uses both Phosphoric and Nitrate based acids to deliver powerful yet balanced pH regulation through all growth phases. At high concentration, Terra Aquatica pH- Powder can be used to clean and disinfect lines and systems.

T.A. pH- POWDER 1L | 04896

**CANNA****pH-**
CANNA pH- is used to lower the pH in your nutrient tank.

CANNA pH- 1L | 00348

pH+

In order to adjust the pH upwards, there is CANNA pH+. CANNA has two different CANNA pH+ solutions: one of 5% for small adjustments and one of 20% for larger corrections.

5% 1L | 00349 | PRO 20% 1L | 01325

ORGANO ACID

CANNA Organo Acid can be used as an organic alternative to CANNA pH-.

It can be used to bring down the pH values in your water or substrate. Maintaining the right pH value is crucial to a plant's ability to take up nutrients.

CANNA ORGANO ACID 1L | 01316



**BIOBIZZ
BIO-UP**
pH adjustment

BIO-UP has been designed especially for the organic farming sector. Correcting pH in a natural way is essential for plants to absorb the maximum amount of nutrients. The natural formulation of BIO-UP enables fast pH adjusting of any type of substrate and for any type of crop, without harming the soil micro life.

BIO-UP is a humic acids based formulation harvested from natural sources, specially designed for the growers that want to keep everything organic in their grow, from seed to harvest.

It is designed to work perfectly with the Biobizz nutrients and can be used in every watering.

BIO-UP 250ml | 36058 | 500ml | 36057 | 1L | 36056 | 5L | 36055

**BIOBIZZ
BIO-DOWN**
pH adjustment

BIO-DOWN has been designed especially for the organic farming sector. Correcting pH in a natural way is essential for plants to absorb the maximum amount of nutrients. The natural formulation of BIO-DOWN enables fast pH adjusting of any type of substrate and for any type of crop, without harming the soil micro life.

BIO-DOWN is an aqueous solution made of citric acid found naturally in different citrus fruits, such as lemons.

It is designed to work perfectly with the Biobizz nutrients and can be used in every watering. It is suitable to be used during both the growing and the flowering period.

BIO-DOWN 250ml | 36059 | 500ml | 36060 | 1L | 36061 | 5L | 36062

**HYDROPONIC RESEARCH
PHLO**
pH adjustment

pH, condition, and cleanse your source water with a single product.

PHLO pH Down+ from Hydroponic Research is a unique formula which utilizes a non-hypochlorous acid, ensuring that your water is chlorine-free and clean.

Not only does it reduce pH levels effectively, but it also helps to condition your water, eliminating any impurities that could impact your plants.

PHLO 1L | 40887 | 3.75L | 40888 | 9.5L | 40889

**GOLD LABEL
ULTRA PH-**
pH adjustment

Gold Label Ultra pH- is a universal acid used for adjusting the pH levels of nutrient solutions.

It contains a balanced mix of phosphoric acid, nitric acid and sulphuric acid.

Add Ultra pH- last to your nutrient solution, carefully reduce the pH in small steps and stir well before measuring.

Use Ultra pH- in the vegetative and flowering periods.

Recommended for all type of substrates and nutrient schedules.

ULTRA pH-1L | 06013 | 5L | 06014



**GROWTH TECHNOLOGY
pH UP**

A premium solution for maintaining and raising a nutrient solutions pH level. Formulated using potassium hydroxide and potassium carbonate. Add a little at a time if your nutrient pH is too low in order to raise the pH to the correct level.

pH UP 250ml | 00126 | 1L | 00125



**GROWTH TECHNOLOGY
CONDUCTIVITY STANDARD**

EC measuring calibration Solutions of a known electrical conductivity (EC) used to check and calibrate EC meters. This procedure should be done regularly to ensure best results from the meters. Available Conductivity Standard Solutions: 1.413 and 2.76 mS/cm.

CONDUCTIVITY STANDARD 250ml | 00766



**GROWTH TECHNOLOGY
pH DOWN**

A premium solution for maintaining and lowering a nutrient solutions pH level. Acid formulated using food grade phosphoric acid. Just add a little at a time if your nutrient pH is too high in order to lower the pH to the correct level.

pH DOWN 250ml | 00033 | 1L | 00032 | 5L | 00034



**GROWTH TECHNOLOGY
pH BUFFER**

pH measuring calibration Solutions of a known and fixed pH used to calibrate pH meters. This procedure should be done on a regular basis to ensure ongoing accuracy from the meters. Available pH Buffer solutions: pH 4 & 7.

BUFFER 4 30ml | 00764 | 1L | 42063

BUFFER 7 30ml | 00765 | 1L | 04751





79
PEST CONTROL



**CANNA
CANNACURE**

controls plant pests & mildew

Mildew, whiteflies, aphids, spider mites and mealybugs.

The world is full of diseases, pests and parasites that are looking for an opportunity to infest your plants and ruin your crops. Of course, you want to protect your plants in the best way possible. But how? CANNACURE is a unique leaf nutrient that prevents and controls plant pests and mildew. It's environmentally friendly and free of toxins.

CANNACURE ensures healthier plants, bigger flowers and increased yields.

**OPTIC FOLIAR
ATAK**

foliar fungicide

Optic Foliar ATAK is the only control spray for powdery mildew on the market.

It can be applied with the lights on, without damaging or burning leaves or flowers, and leaves no residuals to wash off!

Comprised of copper sulphate and organics, ATAK is safe to use into late bloom (up to one week before harvest) and will not leave any trace chemicals within the plants at harvest.

Optic Foliar ATAK is the only fungus product on the market that guarantees no damage to leaves while providing safe, non-toxic results, leaving nothing within the plants that will affect the taste or

PUROLYT

professional disinfection

Purolyt is a disinfectant concentrate that is used in professional hygiene management to disinfect surfaces, equipment/ tools, water/liquids and air.

Purolyt's principle of operation is similar to the way the human body fights off bacteria and viruses. When the immune system detects a threat, white blood cells are activated and create an antimicrobial substance called hypochlorous acid (HOCL). HOCL is the active ingredient in Purolyt.

**ECOFECTIVE
BUG & MILDEW CONTROL**

for flowers, fruits & veg

A ready-to-use three-in-one technology to control bugs and powdery mildew and provide nutrition.

Controls powdery mildew by washing away the spores

Provides edibles and ornamentals with nutrients for healthy growth

Pesticide-free. Uses a physical mode of action to stop pests

Safe to use around children, pets and bees

CANNACURE 750Mml RTU | 02405 | 1L | 02406

5L | 02407

ATAK 250ml | 05063 | 500ml | 05064

1L (RTU) | 05065 | 4L (RTU) | 05765

PUROLYT 250ML | 37837 | 500ml | 06061

1L | 37838 | 5L | 37839

BUG & MILDEW CONTROL 1L (RTU) | 39084



**MOONSHINE
MOONSHINE BIO**
eco protector

Moonshine Bio is a natural blend of plant extracts and is bio degradable, it is not hazardous to human health or the environment.

**GREEN MAKERS
BIO GREEN GARLIC**
eco protector

Keep the pests away: 100% organic insect and fungi repellent. Can be used at all plant stages, works as prevention and treatment.

The main bioactive component extracted from the garlic is Allicin, a compound of organic sulphur (thiosulfonate) with a strong antioxidant effect and other good properties for plants.

Allicin works as the first mechanism of defence against insects and fungi. It works preventively against various pathogenic fungi such as mould, mildew, nematodes, snails, beetles and insects such as spider mites, thrips, aphids, fungus gnats, whitefly and more.

**PLANT CHEMIST
INSECT CONTROL**
professional insect control

Plant Chemist Insect Control is a pesticide free product for use on flowers, fruit, vegetables, herbs and ornamentals, both outside and undercover.

Plant Chemist controls a wide range of insects including spider mite, thrips, aphids, mealybug, scale, psyllid and more. Its organic composition ensures healthy, green and clean plants, followed by optimized growth and bloom.

Contains a blend of surfactants which stop the pests from moving and being able to feed. Helps to control, with regular use, powdery mildew, by physically washing the foliage to remove active mildew spores

**HYLINE
HYSHIELD™**
putting your plants' health first

Your plants' overall health is the most critical part of your grow. If your plants' immune system isn't strong and healthy, your crop yields will be significantly reduced.

HYSHIELD tricks plants into thinking they are being attacked by pests, and as a result of this perceived infestation, their immune system goes into protective mode. This natural defence mechanism not only stimulates the plants' immune system but also keeps pathogens and pests at bay.

When applied to crops as a foliar spray or drench, our unique formula can increase your plants' resilience to allow them to survive in high heat and cold stress environments.

MOONSHINE BIO 1L(RTU) 42110

BIO GREEN GARLIC 1L 40891 5L 40892

INSECT CONTROL 250ml 36446 1L(RTU) 36445

HYSHIELD 500ml 37921 1L 37919 4L 37920 10L 37918



HOTBOX

treat pest infestations

Stop the spread of fungal diseases and treat pest infestations with sulphur vapour. This product is incredibly effective. Use it to combat spider mites, botrytis, mildew, black spots, fungi and more! It's one of the best ways to tackle spider mites.

Refill for your Hotbox

2kg of sulphur. Kills mites and stops fungal spores from spreading.

ORGAN-X DESI-DUST

moisture removal powder

Desi-Dust is a natural organic entrapment powder; made up of tiny fossilised silica diatoms. Natural silica has many uses. Absorbing moisture, fats and oils; Aids in plant growth and development; Anti-caking feed additive are but a few.

Desi-Dust works by naturally drawing away all the essential moisture insects require to aid in their development and reproduction. Without any moisture the insects cannot breed, making living conditions uninhabitable!

Desi-Dust can be applied to plants, their leaves and surrounding soil. Silica is naturally abundant in plants, aids growth and development, but also prevents ideal breeding conditions for crawling insects.

LAVA LITE NO-GNATS

control gnats and gnat larvae

A house full of beautiful plants and potted flowers offers a calming living environment. However, all that lovely moist soil is a perfect breeding place for fungus gnats. The adults lay their eggs in warm, damp soil or peat, soon to complete their life cycle and fill your room with small, annoying black gnats looking for the next place to lay their eggs.

NO-GNATS offers a simple, 100% natural solution to eradicate these annoying insects. By creating a barrier between the soil and the air, NO-GNATS inhibits the gnats' ability to lay eggs in the soil.

It also offers the added benefit of being a pH-neutral product.

LAVA LITE NO-SLUGS

do not cross!

Why kill slugs when LAVA LITE's NO SLUGS offers a caring alternative? It preserves your plants by creating a ring of protection that slugs and snails don't like to cross. NO-SLUGS is a highly absorbent material that both deters the attackers and protects your plants.

Should a slug choose to attempt to cross the material and not make it, any predator consuming the slug can do so without fear of poisoning.

NO-SLUGS is a naturally derived, non-toxic product and is safe for children, pets and animals. It contains no chemicals or pesticides and can be safely placed into soil, offering the fringe benefit of soil aeration.



**SPRAY2GROW
MILDEW**
protection spray

MILDEW PROTECTION SPRAY is a natural way to fight fungi, such as mildew. A combination of various plant extracts, silicon and spore elements protects your plants against fungi. This foliar fertiliser also helps your plants quickly recover from pests. Using this foliar spray keeps your plants healthy, green and pest-free, allowing for better growth and blooming. Great for use as a preventative measure.

MILDEW 1L 38981



**SPRAY2GROW
SPIDERMITE**
protection spray

SPIDERMITE CONTROL SPRAY offers a highly effective, non-chemical and non-biological method of spider mite control. Contains only natural plant-derived compounds, such as garlic extract. Helps plants recover from spider mite damage. Concentrated – one 500ml bottle makes 10L of foliar spray. Helps make plants greener, healthier and pest-free.

SPIDERMITE 1L 38980



**SPRAY2GROW
THRIPS**
protection spray

THRIPS PROTECTION SPRAY is a foliar spray that feeds your plants and helps biologically combat thrip infestations. Because of its organic composition, it's completely safe to use at any stage of plant growth. Using this spray will ensure healthy, green and clean plants, leading to optimised growth and blooming. How does it work? Spray2Grow's proprietary formula includes several plant extracts and essential oils. The combination of these ingredients provides effective protection against thrips in all stages.

THRIPS 1L 38979



**INSECTO
SMOKE BOMB**
safe and easy to use

INSECTO smoke bombs come in a range of three different sizes. They contain the active ingredient permethrin. Simply light the non-sparking wick, and smoke fumes will work their way into all nooks and crannies, killing all flying and crawling insects in the treated area. The Mini Smoke Bomb weighs 3.4g and covers up to 120m³. The Midi Smoke Bomb weighs 15g and covers up to 500m³. The Maxi Smoke Bomb weighs 31g and covers up to 1,000m³.

| | | | |
|----------------|-------|------|-------|
| SMOKEBOMB MINI | 05410 | MIDI | 05411 |
| MAXI | 05418 | PRO | 05471 |
| JUMBO | 06196 | | |





85
GROWING MEDIA



CANNA
COCO NATURAL
natural coco-based plant medium

CANNA COCO NATURAL is a natural plant medium that offers gardeners and their plants advantages over other substrates.

CANNA COCO NATURAL consists of 100% coco flakes produced in India while processing coconut shells. The production process is subject to strict quality controls, so we can vouch for this product's quality.

CANNA COCO NATURAL is an organic product that is very lightly buffered and free of harmful viruses or soil diseases.

CANNA COCO NATURAL has an excellent water-to-air ratio that provides the ideal properties for this cultivation method. In addition, it naturally contains a special Trichoderma that protects plants against soil diseases and aids in nitrogen uptake.

CANNA
COCO PROFESSIONAL PLUS
coco-based growing medium

CANNA COCO PROFESSIONAL PLUS is a product with a homogeneous structure that has had a full buffering, eliminating the side effects of growing on coir.

Thanks to CANNA's unique production process, CANNA COCO PROFESSIONAL PLUS is free of harmful viruses and soil diseases.

CANNA COCO PROFESSIONAL PLUS has a complex water/air system that provides ideal conditions for a professional approach to cultivation. In addition, it contains a special Trichoderma that protects plants against soil diseases.

CANNA COCO PROFESSIONAL PLUS makes an excellent potting mix improver after use.

CANNA
TERRA PROFESSIONAL
nitrogen-rich potting mix

Your favourite plant grows best in a nitrogen rich potting mix, and the CANNA TERRA PROFESSIONAL potting mix is unlike anything you will find in a garden centre.

It contains a blend of sphagnum moss peat, compost, worm castings, perlite and a special 'natural plant booster', which is a blend of organic ingredients.

Whether you are going to grow indoors or outdoors, this is the potting mix you want to use.

Exclusive, high-value organic ingredients, such as airy peat moss and various types of tree bark with anti-septic properties directly promote exceptional root development and thicker stem formation, while faster metabolism, combined with low sickness rates, ensures increased production.



CANNA
TERRA PROFESSIONAL PLUS

the purest potting mix possible

CANNA TERRA PROFESSIONAL PLUS is the purest potting mix possible for plant cultivation. It gives the best effects with CANNA Terra nutrients. The formulation is specifically developed for indoor grow room situations. Of course, it also gives good results outside.

The medium is pH adjusted for long-term control, with a lime charge large enough to last an entire cycle. It has a mineral-nutrient starter charge that adjusts the initial level of nutrients up to a good beginning charge, correcting the ratios to work perfectly with CANNA Terra nutrients.

The special structure provides optimum amounts of air and water in the medium.

CANNA TERRA PROFESSIONAL PLUS contains trace elements and chelates, which protect the plants during early growth.



CANNA
BIO TERRA PLUS

a certified organic soil

BIO TERRA PLUS is made of 100% natural materials and, as such, can also be used for organic cultivation. CANNA has succeeded in creating a certified organic soil that meets international organic standards.

BIO TERRA PLUS is made of top-quality peats, including superior-quality white peat. The airy structure of the white peat is supplemented with shredded tree bark that has natural anti-fungus properties.

BIO TERRA PLUS only contains organic fertilisers of plant origin that are released according to your plants' needs. In this way, the plants always get the optimal amount of nutrients.

Coco fibre is also used in Bio Terra Plus, in fact, the best coco is used, CANNA COCO.

This is a certified balanced biological fertiliser enriched with positive soil bacteria for the plants, which will create a beneficial symbiosis.



CANNA
AQUA CLAY PEBBLES

baked clay pellets

CANNA AQUA CLAY PEBBLES are baked clay pellets that form an ideal substrate for use by experienced growers. Aqua Clay Pebbles are ideal for growers who want to control the application of nutrients to and the humidity level of their plants throughout the entire cultivation process.

CANNA AQUA CLAY PEBBLES are created from special types of clay that have a low soluble salt content. Because of this, they are particularly suited for use in closed hydroponic cultivation systems.

CANNA AQUA CLAY PEBBLES have both high porosity and high air content, which stimulate the development of strong roots that grip the substrate well. Strong roots mean bigger yields.

CANNA AQUA CLAY PEBBLES are inorganic, have a neutral pH value, are fungus-free and do not rot.



**CANNA
COCO PEBBLE MIX**
the newest addition to the CANNA family
The newest addition to the CANNA family, CANNA 60/40 COCO PEBBLE MIX is a mixture of 60% CANNA COCO PROFESSIONAL PLUS and 40% CANNA AQUA CLAY PEBBLES.

Coco Professional Plus is a first-rate coco product that is made using top-quality raw materials; it has the optimum structure and purity. Meanwhile, CANNA AQUA CLAY PEBBLES are made from special types of clay that have a low soluble salt content.

**CANNA
TERRA SEED MIX**
ideal for germinating seeds
CANNA TERRA SEED MIX is a potting mix that is perfectly suited for germinating the seeds of your favourite plants. It works great in combination with CANNA START.

The advantages of CANNA TERRA SEED MIX include its homogeneous, stable structure, which is great for retaining water, giving seeds the best chance to germinate correctly.
CANNA TERRA SEED MIX is also particularly suitable for use when rooting cuttings.

**CANNA
COGR 1.0M**
COGr board
At the heart of the CANNA COGr line lies the COGr board. It consists of a sophisticated mix of coconut grit, coconut fibre and coconut granulates.

Thanks to the coarse coconut structure, the COGr board has the unique property of being able to absorb large amounts of nutrients, moisture and air simultaneously, all of which are made immediately available to the plants. This makes the medium superior to all other growing media, promoting faster root development and higher yields.
COGr boards are ideal for transportation. Delivered dried and pressed. In this form, they weigh less than 2kg.

**CANNA
COCO SLAB 1.0M**
professional plus in slab form
CANNA COCO SLAB's have been developed and created to fulfil all of the requirements for plant cultivation.

They contain Trichoderma, which can protect the plants against soil diseases. CANNA COCO SLAB's contain the same coco product as CANNA COCO PROFESSIONAL PLUS! The substrate can be used several times. It can also be used as a potting mix conditioner after use. It is environmentally friendly and meets the strict RHP demands.
CANNA COCO SLAB's are organic products with a homogeneous structure, free of chemical additives, harmful viruses and soil diseases.





**BIOBIZZ
ALL MIX**
pre-fertilised soil mix

ALL MIX literally does it all for you, creating an optimum environment for plants to flourish in throughout the year. This heavily pre-fertilised substrate mixture emulates rich outdoor soil with a full micro-active ecosystem. It's been designed to have enough nutrient-fuelled power to sustain lush growth for a couple weeks without any need to add extra fertiliser.

When using ALL MIX for the first time, moisten it with water and leave it to stand for 36 hours. This gives the Pre Mix active fertiliser and microorganisms inside the substrate a chance to start working their magic before the plants go in.

Keep the soil slightly warm at all times. If it's too cool, the microbial activity will slow down, making it more difficult for the plants to grow. You also want to allow the soil to dry out between each watering. As the ALL MIX substrate dries out, fresh air gets in, which helps the soil breathe.

**BIOBIZZ
LIGHT MIX**
seedlings, young plants and cuttings

If you want more control, LIGHT MIX provides the ideal foundation for encouraging vigorous growth in seedlings, young plants and cuttings right from the beginning.

It gets the vital micro-activity going as the water works with the soil, producing organic catalysts that rapidly develop root structures. LIGHT MIX has also been specially blended to ensure optimal drainage throughout – an essential property if you use automatic irrigation systems.

You can apply larger quantities of this fertiliser to any kind of plant, including heavy feeders, without the risk of overloading the soil and causing a nutrient burn – indicated by yellowing and crunchy, burnt tips on the leaves.

With automatic watering, it's important for the water to properly infiltrate the substrate; otherwise, it can become too wet and cause mould to form.

**BIOBIZZ
COCO MIX**
100% pure coconut coir

Probably the best 100% organic coco coir product on the market. COCO MIX is made from waste materials left over by the coconut industry, which have proven to be an ideal medium for growing plants.

To create this famous substrate, the coco coir matter is first decomposed over a period of time to soften the strong fibres. The fibres are then washed in clear water, dried and shredded to become light and airy COCO MIX – which contains little moisture and a low pH of 5 or 6.

COCO MIX works well plugged into pots as a rock wool replacement for growing all kinds of hydroponic crops – simply fill small pots with plugs of the mix.

It's compatible with all types of nutrients and can be used to refresh All Mix or other soil mixtures with your usual A+B range to improve aeration.

ALL MIX 20L | 02900 | 50L | 02883

LIGHT MIX 20L | 02901 | 50L | 02902

COCO MIX 50L | 02903



**BIOBIZZ
WORM HUMUS**
soil improver

Worm Humus, also known as vermicast, is the final product of decomposed material excreted by the king of the soil – the earthworm.

This high-quality organic compost is made from 100% pure organic worm castings that have been stringently lab tested to ensure they don't contain any farmyard waste, landfill waste or compost.

Packed with water-soluble nutrients and bacteria, our Worm Humus is a very nutritious organic fertiliser and excellent all-round soil improver.

Perfect for refreshing All Mix, adding to substrate mixtures already in use or preparing garden subsoil.



**BIOBIZZ
PRE MIX**
the perfect mix

Want guaranteed optimal growth, flowering and maximum resistance to disease and fungal problems? PRE MIX combines the qualities of different organic fertilisers, rock meals, trace elements and fungi in just the right quantities in one convenient and versatile pack.

You can use PRE MIX as a transplant or starter fertiliser. Blend it into any soil or soilless substrate, or combine it with high-quality organic worm castings to add microbial life and fortify the nutritional value of your soil or planting mix.



**GUANOKALONG
COMPLETE MIX**
pre-fertilised potting soil

This growing medium is charged with the correct amount of Guanokalong Powder.

Mixed with products such as seaweed powder, palm tree ashes, cotton seed powder, fish powder and volcanic loam, this unique soil represents a full-body, pure and organic NPK value with an abundance of trace elements.

The soil has enough nutrients for the first two weeks of growing, as it is lightly enriched with Guanokalong Powder.



**GOLD LABEL
SPECIAL MIX**
pre-fertilised soil mix

Gold Label Special Mix is made using Swedish virgin white peat of the highest quality. 1g of Special Mix can absorb a stunning 10g of water. It's a complete mix ready for use.

The peat is cut into a coarse structure and mixed with only the highest-quality perlite, Swedish clay, lime, minerals, trace elements and organic fertiliser.

Special Mix contains nutrients for the first two to three weeks of your crop cycle.

SPECIAL MIX 45L

05986



**GOLD LABEL
SPECIAL MIX LIGHT**
seedlings, young plants and cuttings

Special Mix Light is for growers who would like to take matters into their own hands when it comes to feeding. It's made with the same high-quality Swedish white peat as our Special Mix, only with less nutrients added.

The lower concentration of nutrients allows the grower to control the nutrients given from day one.

Just enough nutrients are present in the substrate for a healthy start! You can use Special Mix Light with both organic and mineral nutrient lines.

SPECIAL MIX LIGHT 45L

05987



**GOLD LABEL
COCO**
washed & buffered in Holland

Gold Label Coco is the highest-quality coco coir substrate available. Carefully washed and 'charged' in Holland. With a special permit, we are able to guarantee a clean and environmentally responsible product for our customers.

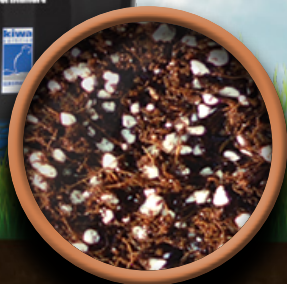
No chemical treatments are performed to 'reduce' the salts from the coco. The salts are washed out, and mineral elements are introduced to guarantee a healthy start for your plants!

Salt is bad for plants! Gold Label Coco is flushed down to 0.05EC and recharged with calcium nitrate, trace elements and vitamins.

Gold Label Coco is charged and ready to go. **Plants love this!** Where the most sensitive plants (clones) often face difficulties, especially at the beginning, they are given a head start with Gold Label Coco.

COCO 45L

05988



**GOLD LABEL
COCOPERLITE 70/30**

increased drainage

A premium 70/30 coco-perlite mix for horticulture. A hydroponic substrate with outstanding drainage features.

Gold Label CocoPerlite 70/30 is a very porous and light inert substrate that combines tremendous air volume with great water retention and capillary action. The 3 to-6mm perlite granules reduce shrinkage of the mixture and contribute to a stable and open structure. The product is made of the finest and cleanest raw coco coir available on the market.

All flushing and buffering processes take place in the Netherlands.

Pre-charged with slow release calcium and natural trace elements. Guaranteed low salt and low heavy metal contents! CocoPerlite 70/30 is a suitable mix for ebb-and-flow and irrigation systems.

**GOLD LABEL
HYDROCORN**

RHP-certified clay pebble substrate

Hydrocorn 8-16mm

Hydrocorn (XL) 16-25mm

Hydrocorn is irregularly shaped which allows roots to grip and produce more side hairs, because of this they are able to absorb more elements.

A stronger root system creates a healthier and better-producing plant.

Hydrocorn pebbles are baked in clean fuels; therefore, they are food-grade and RHP certified. We are proud to say that our Hydrocorn products are the only clay pebbles in the world with the RHP for Horticulture certification!

Gold Label Hydrocorn clay pebbles are porous and able to absorb about 15% of their own weight in water, so they are very forgiving for users.

**GOLD LABEL
HYDRO**

dense baked clay pellets

For people who prefer a round pebble with a hard outside layer, we carry the flushed (not dusty), round Gold Label Hydro pebble.

A nice-looking, round 8 to 16mm clay pebble.

Suitable for intensive drainage irrigation.

This product is not RHP certified.



GOLD LABEL
HYDRO-COCO 60/40
RHP hydro-coco mix substrate

This bulletproof mix offers the best combination of our highest-quality coco coir and unique irregularly sized Hydrocorn clay pebbles, giving you the best of both worlds.

In general, a pure coco substrate grows too wet, meaning the roots will suffocate at the bottom of the pot. A pure clay pebble substrate grows too dry because of the lack of moisture at the roots. If you mix both of these substrates, you make them 'bulletproof' in a way. The mix contains 60% Hydrocorn (RHP) for structure, grip and oxygen and 40% coco RHP certified for nutrient and moisture retention.

In this exclusive mix, we use the outside of the coconut (raw fibres) for better water transportation through the pots (capillary action). This coco is washed and treated exactly the same as the regular Gold Label Coco in Holland under the strictest environmental regulations.

The perfect mix for the Multiflow V3 System.

GOLD LABEL
HYDRO-COCO 80/20
the only RHP hydro-coco mix substrate

Gold Label Hydro-Coco is an ideal substrate for high water capacity, lower watering frequency and better rooting.

We utilise the 8 to 16mm Hydrocorn from Gold Label and the purest Gold Label Coco to give you the perfect ebb-and-flood growing substrate that also works well in any pot-based system.

The 80/20 mix allows you to feed less frequently than with straight Hydrocorn but more frequently than with the 60/40 mix. This gives you a buffer regarding the watering times but still allows you to feed regularly without over watering.

TERRA AQUATICA
COCO FIBRE PERLITE
75/25 coco/perlite mix

T.A. premium-quality coconut coir is one of the cleanest, lightest, best-performing coir substrates on the market today. Its a premium-quality, ultra-clean substrates from a renewable organic source with added perlite: for aeration and superior drainage. Get the ease of soil growing with added performance.

Pathogen-, weed- and pest-free, T.A. Coco Fibre Perlite is safe to use straight from the bag, with no rinsing needed. The optimised drainage and root zone oxygenation offered by the precisely chosen ratio of perlite is ideal for the T.A. Ebb&Grow system, drippers and most self-watering systems.



LAVA ROCK STONES

the best replacement for clay pebbles

Lava rock is a great medium for drainage and water retention. It is the best replacement for clay pebbles.

Lava rock has a neutral pH and can be used many times as a hydroponic substrate.

These lava rock stones provide the roots with the correct ratio of air to water; this in turn provides an ideal breeding ground for beneficial bacteria and mycelium.

Resistant to insects, fungi and plant diseases.

Does not contain any substances toxic to plants.



PERLITE

water-retaining inert medium

Perlite is the white, pumice-like grain that you can find in quite a few potting mixes currently available on the market.

Primarily, it is used to help improve the drainage and aeration of hydroponics substrates, meaning that you are much less likely to run into the problems associated with over watering with this substrate than with a substrate without perlite added to it.

It is particularly useful to add to a medium when you are growing in systems such as Autopot, which are typically constantly saturated with water.



VERMICULITE

soil improver

Vermiculite is the name of a group of hydrated laminar minerals that look like mica.

When added to a garden or potting soil, it increases water and nutrient retention and aerates the soil, resulting in healthier, more robust plants.

Perlite may also be found in potting soils, but vermiculite is far superior for water retention. Although it holds less air than perlite, vermiculite is the correct choice for plants that are heavy feeders.



**ECOTHRIVE
COCO PRO**

100% coco coir

Get your plants off to a flying start every time with Ecothrive Coco.

This unique, top-tier coconut coir potting mix comes complete with Ecothrive Charge, pre-blended at the perfect ratio for an unbeatable biological boost—just when your plants need it the most.

Now you can enjoy all the benefits of Ecothrive Charge straight out of the bag with Ecothrive Coco.

Powered by Charge

Ecothrive Coco uses RHP certified, buffered coco that has been pre-blended with Ecothrive Charge at 1% by volume. This mixing ratio makes it ideal for almost all applications.

Easy to Use

Simply pour out the bag into a pot, break any compressed lumps, settle the mix by tapping edges and base of pot, and plant up.

COCO PRO 50L | 40491

**ECOTHRIVE
COCO LITE**

70% coco 30% perlite

This unique, top-tier coconut coir potting mix comes complete with Ecothrive Charge pre-blended at the perfect ratio for an unbeatable biological boost—just when your plants need it the most. Now you can enjoy all the benefits of Ecothrive Charge straight out of the bag with Ecothrive Coco.

The Perfect Mix

The perfect mix of 70% coco coir and 30% perlite for optimum aeration, pre-blended with Ecothrive Charge for an unbeatable biological boost. With Ecothrive Coco Lite you can enjoy all the benefits of Ecothrive Charge straight out of the bag.

Increased Drainage and Air Space

Perlite increases the amount of air within the mix and reduces the water holding capacity. This creates a lighter mix with better drainage and improved resistance to compaction.

COCO LITE 50L | 40492

**ECOTHRIVE
ECO-LIFE**

70% coco 30% perlite

Get your plants off to a flying start every time with Ecothrive Coco.

This unique, top-tier coconut coir potting mix comes complete with Ecothrive Charge, pre-blended at the perfect ratio for an unbeatable biological boost—just when your plants need it the most.

Now you can enjoy all the benefits of Ecothrive Charge straight out of the bag with Ecothrive Coco.

ECO-LIFE 1000L | 40514 | 45L | 40512



SIMPLY ORGANIC

UGRO

High quality coconut substrate made in India. Coconut substrate, free of soil pathogens, odours, roots and any other impurities.

Washed in clean, salt-free water. A plant-based product for indoor and outdoor use. True-buffered.

ECO - An earth-friendly plant-based product

SUSTAINABLE - Provides environmental, social and economic benefits

PEAT-FREE - Protecting global wetland peatland areas

COCONUT - A 100% coconut shell by-product

EC & PH - Optimal EC & pH levels

WATER RETENTION - Coir has a fibrous texture which provides the best water holding capacity for plant roots

AIR PROPERTIES - Excellent aeration properties

EASY GROWING - Easy to use and easy to grow

CO2 - A plant-based by-product which offsets and reduces carbon dioxide emissions

KO Guarantee - A quality control compliance guarantee

RECYCLE - REUSE. RETHINK. REDUCE. RENEW.

COMPRESSED SUBSTRATES

A dehydrated high quality coconut substrate with a low percentage of fibres, compressed for ease of storage and transportation.

Designed to archive excellent water retention.

Recommended for short-term and seasonal crops.

Optimal nutrient absorption. Low watering frequency. High volumetric performance.

Small = 11L XL = 70L

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| COMPRESSED SUBSTRATES | BASIC | 6XSMALL | 40249 | 12XSMALL | 40722 | XL | 40247 | | |
| RHIZA | 6XSMALL | 40250 | 12XSMALL | 40721 | XL | 40248 | ORGANIC | XL | 40595 |

GROWBAGS

Grow bags holding a mix-of-three dehydrated and compressed coconut structures (coir, chips and fibres).

The bag has been treated to achieve excellent UV stability.

Recommended for long-term and permanent crops.

Higher watering frequency, due to maximum drainage and less water retention.

Long-life substrate as it can be reused time and time again.

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| GROWBAGS | BASIC | POT4 | 40251 | POT9 | 40253 | POT60 | 40310 | RHIZA | POT4 | 40252 | POT9 | 40254 |
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**LAVA-LITE
LAVA-LITE+**
great as a pot topper

LAVA-LITE+ is a new multi-use stone offering numerous benefits. A 100% natural product with pH neutral properties, it is perfect for use with all plants.

The porous properties of LAVA-LITE+ allow it to retain moisture, which in turn reduces soil drying and keeps your plants hydrated longer. This together with its thermal protection properties, which guard root systems and soil from ground frost, makes it an unmatched garden solution.

This all-rounder decorative stone makes for a fantastic choice on your patio, within your garden borders and indoors. Finally, there is a decorative multi-use addition that is equally happy in your garden or your home.

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| LAVA LITE+ 1L | 38432 | 3L | 38433 |
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**LAVA-LITE
CACTUS-GRO+**
provide plant stability

Despite their hardy outer exterior, indoor cactus plants need caring for too!

Well-drained soil with careful water management will ensure that your cactus achieves its best results. CACTUS-GRO+ can help create the perfect environment for your cactus to thrive in, promoting healthy root systems and providing excellent drainage through its moisture retention. This makes watering your cactus a lot easier to manage. This growing medium is the perfect choice for all your cactus and succulent growing needs. This 100% natural, pH-neutral product is also highly decorative, adding to the aesthetics of your plant display.

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| CACTUS GRO+ 1L | 39311 | 3L | 39312 |
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**LAVA-LITE
ORCHID-GRO+**
help your soil breathe

ORCHID-GRO+ is a specialist orchid growing medium that provides your new plants with some real advantages and an environment to thrive in.

This product is not only pH neutral but also aesthetically pleasing. The decorative stones are great to look at and enhances the overall appearance of your plant display. Add to this a whole host of other additional benefits, such as moisture controlling and excellent drainage, and ORCHID-GRO+ makes taking care of orchids effortless.

Mixing ORCHID-GRO+ with bark, another orchid soil or your preferred orchid growing medium also offers additional aeration.

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| ORCHID GRO 1L | 39310 | 3L | 38433 |
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**LAVA-LITE
COMPOSTER+**
help your soil breathe

Composting at home can help reduce carbon emissions and global warming. With this in mind, LAVA-LITE® COMPOSTER+, the newest member of the LAVA-LITE® family, is the perfect conditioner for your compost, whether bought in a shop or made at home.

COMPOSTER+ works by aiding the composting process, increasing air exchange and reducing the amount of nitrogen loss, helping to enhance the compost structure.

As COMPOSTER+ does not degrade, your compost will continue to see the benefits season after season.

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| COMPOSTER 1L | 40631 | 3L | 40632 |
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**LAVA-LITE
SOIL-RESTORE+**
help your soil breathe

Over time, soil compacts, air pockets reduce, and clay can become difficult to plant in, requiring continuous management and hours of hard digging to provide your plants with their best growing environment. SOIL-RESTORE+ offers a long-term solution.

This 100% natural, pH-neutral medium instantly improves the soil structure when dug into the borders.

By offering aeration to improve drainage and water distribution in heavy clay-based soils, SOIL-RESTORE+ reduces compaction, allowing roots to seek out much-needed nutrients.

**LAVA-LITE
HYDRO-GRO+**
provide plant stability

Hydroponic growth requires a stable and controlled environment, which can often be difficult to manage, but with HYDRO-GRO+, you have complete control. Its composition encourages root distribution and strength, and as a pH-neutral, 100% natural, chemically inert medium, it provides the perfect base for full control of the addition of feeds, nutrients and any introduced fertilisers.

Additionally, HYDRO-GRO+'s soil-less growth reduces the associated issues of soil-borne diseases while encouraging beneficial bacteria or microbe colonisation. The product can be reused, offering a high crop cycle with complete control from seed to harvest.

**LAVA-LITE
NO-GNATS**
control gnats and gnat larvae

A house full of beautiful plants and potted flowers offers a calming living environment. However, all that lovely moist soil is the perfect breeding place for fungus gnats. The adults lay their eggs in the damp warm soil or peat, soon to complete their life cycle and fill your room with small annoying black gnats looking for the next place to lay their eggs.

NO-GNATS offers a simple, 100% natural solution to the eradication of these annoying insects. By creating a barrier between the soil and the air, NO-GNATS inhibits the gnats' ability to lay eggs in the soil.

**LAVA-LITE
NO-SLUGS**
do not cross!

Why kill slugs when NO-SLUGS offers a caring alternative?

This product preserves your plants by creating a ring of protection that slugs and snails don't like to cross. NO-SLUGS is a highly absorbent material that both deters the attackers and protects your plants.

Should a slug choose to attempt to cross the material and not make it, any predator consuming the slug can do so without fear of poisoning.

NO-SLUGS is a naturally derived non-toxic product; it is safe for children, pets and animals. It contains no chemicals or pesticides and can be safely dug into soil, offering the fringe benefit of soil aeration.

SOIL RESTORE+ 1L | 38438 | 3L | 38439

HYDRO GRO+ 1L | 38436 | 3L | 38437

NO GNATS 1L | 38435 | 3L | 38434 | 20L | 41656

NO SLUGS 1L | 39061 | 3L | 39062





T01
PROPAGATION

GARDEN HIGHPRO
PROPAGATOR
professional propagation systems

GARDEN HIGHPRO offers a range of propagator tents to help create the perfect environment for germinating seeds and rooting cuttings.

The tent is constructed from strong, tear-resistant 420D nylon fabric, with the frames constructed from a patented strong and stable steel structure. The inner wall is covered in, certified plant friendly, premium 97% reflectivity Mylar.

Its high-quality zippers are light proof and corrosion resistant. Plastic viewing windows and doubled lined, soft fabric air inlet holes complete this tent range.



Propagator S
60x40x40cm

05921

Propagator M
80x60x40cm

05922



Propagator L
60x40x200cm

05923



Propagator XL
120x40x200cm

05924



SECRET JARDIN
DARK PROPAGATOR
propagation tent

The Dark Propagator grow tent is designed for plants measuring less than 80cm tall, with grow spaces of 0.24 to 3.60m².

This grow tent is ideal for seedlings and small plants as well as blooming plants with high light requirements when equipped with appropriate lighting.

It features ducting flanges for managing intake/exhaust and comes with everything you need to install the complete system.

The Dark Propagator tent range comes in three sizes.



GORILLABOX
CLONE TENT
propagation tent

The GorillaBox Clone Tent measures 120 x 60 x 120cm. It has two shelves, creating lots of room for cuttings or seedlings at an affordable price.

Constructed of 600D high-quality, non-toxic Mylar, it has steel poles and metal corners with coated open mesh shelves.

Ideal for use with T5 lights, T-LED lights or CFL bulbs.

Can be used for seedlings, small plants or cuttings.



BUDBOX
BUDBOX LITE
propagation tent

Budbox-LITE propagation tents are reliable and an efficient solution for seed starting, cutting propagation, and nurturing young plants.

Its durable and light-proof fabric material ensures that the plants receive optimal light, while the reflective inner lining maximizes light distribution. The tent's ventilation ports enable proper airflow and allow for the installation of fans or ventilation systems to manage humidity levels effectively.

With the Budbox propagation tent, growers can create an ideal microclimate to promote healthy and vigorous plant growth during the critical propagation stage.



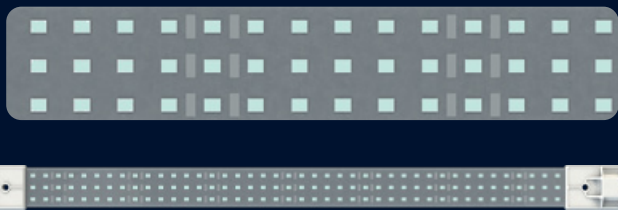
**HORTIMOL
T-LED**

full-spectrum FSG

The T-LED Hortimol 40W system is an ultra-thin (1.5cm), very light (900g) horticultural lighting system designed for vertical farming or propagation. It has 264 Osram LEDs and 8 IR LEDs mounted on an aluminium ramp with impeccable finishes.

Its FSG 4000K spectrum is intended for the growth of cuttings and young gardens planted indoors in a greenhouse or a growing room.

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| HORTIMOL T-LED 40W | 36313 | 60W | 38915 |
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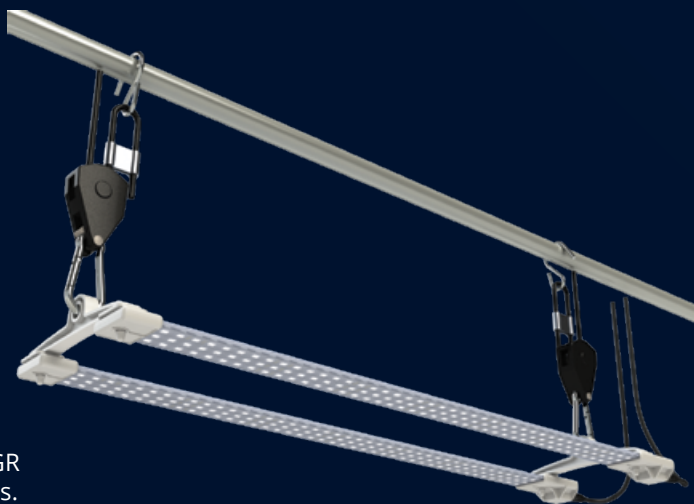
**SECRET JARDIN
TNOLED KITS**

intermediate (growing)

A complete LED lighting kit for medium to high intensity light. They integrate "Grow Spectrum" Cosmorrow strips, which are waterproof, durable (50,000 hours) and highly resistant with low power consumption. TNOLED exists in two versions: TNO40GR & TNO80GR, optimized for 60x40 cm & 120x60 cm grow areas.

They include 60W & 120W power supplies allowing growers to upgrade them by purchasing a third COP strip.

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| SECRET JARDIN TNO40GR | 40844 | TNO80GR | 40845 |
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**MAXIBRIGHT
T5**

low-power florescent grow lights

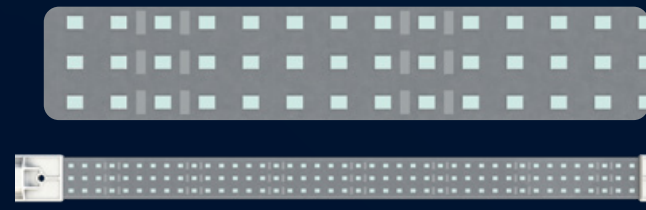
Designed for small plants and cuttings.

Very little heat is emitted, so the units can be placed very close to plant-top height without fear of scorching.

These units also have low power consumption in relation to traditional HID lighting systems.

Available in: 2ft x 2 tubes, 2ft x 4 tubes, 4ft x 4 tubes.

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| MAXIBRIGHT T5 2X2FT | 37185 | 2x4FT | 05800 | 4x4FT | 05801 |
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**SECRET JARDIN
COSMORROW® LED GROWING**

perfect for propagation and vegetative growing

The Cosmorrow LED GROWING is perfect for propagation. Cosmorrow LED Growing are perfect for propagation & growing with their 6500°K spectrum. They are waterproof, durable (50,000 hours), highly resistant with low power consumption and propose PPE 2.70 umol/s/w high efficiency.

There are two power supplies. 1x20W (COM20) and 1x40W (COM40)

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| COP2065 | 43528 | COP4065 | 42241 | COM20 | 37669 | COM40 | 38839 |
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**MAXIBRIGHT
PL2/PL4 PROPAGATION LIGHT**

Maxibright Mk3 PL4 propagation lights come complete with a highly reflective aluminium reflector insert to eliminate hotspots and ensure young plants receive an optimum level of diffused light. Daylight tubes are supplied with the unit for maximum blue light output, essential for young plants in their early growing stage. The Mk3 PL2 unit comes with two 55W thePL4 unit comes with four 55W daylight tubes. Designed with hanging locations and bolts for jack chain to allow easy installation.

Energy efficient ,much more economical to run than high intensity lights

Fluorescent lamps found to be very effective at raising cutting/seedlings and developing young plants

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| MAXIBRIGHT PROPAGATION LIGHT PL2 | 41829 | PL4 | 41830 |
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**MAXIBRIGHT
CFL LAMPS**

Lamp wattages range from 125W to 300W. CFL lamps are designed to consume low amounts of energy and emit very little heat.

These efficient CFL lamps are ideal for placement close to plants resulting in strong, healthy plants with rapid growth and abundant yields.

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| 125W | 41801 | 200W | 41802 | 250W | 41803 | 300W | 41804 |
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**SECRET JARDIN
T-LED**

LED low-power propagation lamps

Choosing T-LED lighting is choosing the lighting technology with the best lighting spectrum.

Available in 26 and 42W versions

Designed for low spaces with small extraction

Five times longer service life and no yield drop over time

More penetration than TCL and T8 technologies

Better spectrum than any other technolog.

| | | | |
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| SECRET JARDIN T-LED | 05751 | 42W | 05753 |
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**MAXIBRIGHT
MAXILED**

perfect for propagation and vegetative growing

Introducing MaxiLED Propagation Strips, the latest edition to the Maxibright LED range.

Available in either 26W (55cm) or 30W (100cm) strips.

Each pack contains 2 x strips. 6500K colour temperature (26W) 57 µmol/s (30W) 66 µmol/s total light output (PPF) per strip.

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| MAXIBRIGHT MAXILED | | | 37569 |
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**GARDEN HIGHPRO
LEDMAXPRO**

propagation lighting system

GARDEN HIGHPRO'S LEDMAXPRO has the ideal light spectrum for cuttings and seedlings. It promotes optimal root and leaf growth with minimal power consumption.

The LEDMAXPRO for propagators is a system of LED bars designed for growing of seedlings, small plants and micro greens, they do not generate excess heat and are IP65 waterproof.

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| LEDMAX PRO S | 38121 | M | 38122 | L | 38123 | XL | 38124 |
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**AUTOPOT
EASY2PROPAGATE**

complete plant production facility

The easy2Propagate Complete Kit is a complete plant production facility. Everything you require to start cultivating on a grand scale is included.

A cavernous 200mm lid height offers your plants more headroom than any other propagator lid available, giving you greater choice as to when you transplant.

Its four large, fully adjustable vents allow for unparalleled scope to fine-tune an environment in which young plants can thrive.

The easy2Propagate system ties together the proven growing technology of the AutoPot range. Fitted with four 9mm piping ports, it is designed to accommodate an AQUAvalve for easy integration with low-maintenance AutoPot watering systems.



**TERRA AQUATICA
RAINFORREST 72**

aeroponic propagation module

Multiple aeroponic growth sites in one compact unit.

The RainForest 72 Propagator uses the vortex motor from the original aeroponic RainForest range to deliver a perfectly oxygenated nutrient solution to up to 72 cuttings without the need for protective covers.

Used by some of the world's biggest labs, including Los Alamos National Laboratory and Argonne National Laboratory in the USA, the RainForest 72 Propagator delivers the most dramatic growth rates of any system they have tested.

Propagate 72 plants on a 67cm large footprint

Large 70L reservoir capacity helps stabilise pH

Made in France from 100% recycled, UV-stabilised and barriered plastic

Lifetime guarantee



MEGAPOT

VEG POT

kickstart the vegetative cycle

The Veg Pot is designed to kick start the vegetative cycle! Perfect for small plants, cuttings and seedlings. The Veg Pot eliminates the need to hand water your small plants!

Veg Pot Benefits: No timer required

Fits 25 x 1 litre pots

Fits 16 x 2 litre pots

No more hand watering small plants

Gravity fed

Fully modular

20mm raised bed

Capillary matting included





**GARLAND
ONE TOP ELECTRIC PROPAGATOR**

Compact electric propagator featuring 8W heated base. Ideal for seeds and cuttings. Features injection moulded growing tray and crystal clear high dome vented cover to create optimal growing conditions.

The One Top electric propagator is an ideal compact unit for growing vegetables, flowers or herbs.

Whether raising seeds or rooting cuttings, this simple non thermostatic control unit provides the perfect low cost means to growing success. Economical to run, the 8W

heated base consumes just one sixth of the power of a standard household light bulb.

The electric base provides warmth which aids fast germination and supports young plant development. The crystal clear high top cover with adjustable vent enables the control of ideal humidity conditions.

The growing tray features 'two tier' drainage and capillary holes which aid healthy root development while the clear cover gives a full 12cm of height clearance.

All components are injection moulded in rigid plastic to give many years of repeat use.



**GARLAND
PRO VARIABLE TEMPERATURE CONTROL ELECTRIC PROPAGATOR**

This top of the range electric propagator is supplied with an XL High Dome Propagator on a heated base and provides a tightly controlled growing environment using state of the art technology and equipment.

Many growers will find the extra headroom provided by the unit particularly useful. Designed for the keen gardener looking to grow seeds in volume, this unit is also ideal for rooting cuttings.

The heated base contains a 50W carbon fibre element ensuring even heat distribution and is supplied with a digital display, variable temperature controller.

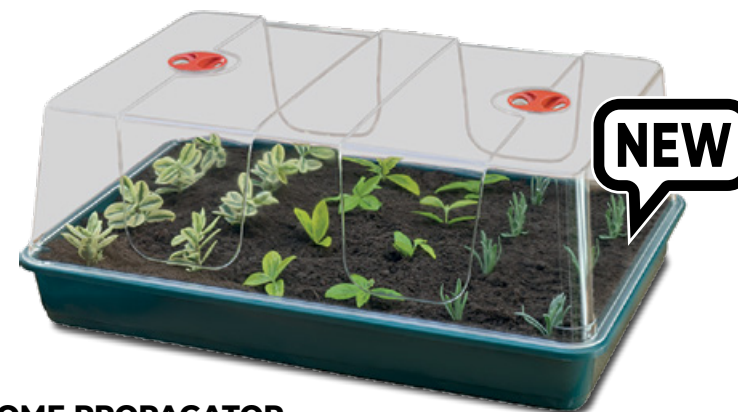
The control unit features a highly accurate probe sensor on a 2m lead and is capable of controlling the temperature of your growing medium to within 1°C. A large lit digital display makes the temperature control unit extremely easy to use. Once the probe sensor is in position, simply enter your desired target temperature and leave the unit to automatically regulate, heating only when needed. You can set a temperature target anywhere between 5°C and 30°C.

Please note that we do not recommend operation of the unit where the ambient temperature falls below 5°C.

The temperature control unit also features a useful hanging loop. The size of the unit lends itself to use in a greenhouse or on a spare room table top.

The unit is fully injection moulded to produce a durable, high quality product.

JUMBO PROFESSIONAL VARIABLE TEMPERATURE CONTROL ELECTRIC PROPAGATOR | 41702



**GARLAND
XL HIGH DOME PROPAGATOR**

Our largest unheated propagator and to our knowledge the largest injection moulded propagator on the UK market.

The base tray does not feature drainage holes, given that most users opt to fill the unit with smaller trays or pots or multi cell inserts.

The unit is easily large enough to accommodate the 'Grodan 77' and 'Jiffy 60' cell inserts which are so popular with keen growers.

XL HIGH DOME PROPAGATOR (GREEN) | 41688 | **BLACK** | 41689



**GARLAND
XL HIGH DOME ELECTRIC PROPAGATOR**

This large electric propagator features a 24W heated base. An injection moulded growing tray and crystal clear high dome vented cover sit on the heated base and create optimal growing conditions.

The XL High Dome Electric Propagator is an ideal unit for growing vegetables, flowers or herbs. Whether raising seeds or rooting cuttings, this simple non thermostatic control unit provides the perfect low cost means to growing success.

Economical to run, the 24W heated base consumes minimal power. The electric base provides warmth which aids fast germination and supports young plant development. The crystal clear extra high top cover with adjustable vent enables the control of ideal humidity conditions.

XL HIGH DOME ELECTRIC PROPAGATOR | 41698



**GARLAND
BIG THREE AUTO TEMPERATURE CONTROL ELECTRIC PROPAGATOR**

Designed for the keen gardener looking to grow seeds in volume, this unit is also ideal for rooting cuttings.

This is our largest electric propagator and is supplied with 3 large high dome propagators, each 37.5cm (15") Long 23cm (9") Wide.

The propagator units are ideal for growing seeds in volume and particularly suited to rooting larger cuttings.

The size of the unit lends itself to use in a greenhouse or spare room table top.

The heated base contains a 50W carbon fibre element for even heat distribution and features an inbuilt fixed temperature thermostat designed to maintain a compost temperature of 19° Centigrade.

The unit features 'Heat On' and 'Power On' neon light indicators.



**GARLAND
THREE TOP WINDOWSILL PROPAGATOR**

Propagator ideally sized for windowsills with three separate sections, the propagator is supplied with 3 high dome propagators - each 23cm long by 17cm wide.

The propagator units are ideal for growing seeds in volume and are particularly suited to larger cuttings.



**GARLAND
TRIO TOP ELECTRIC WINDOWSILL PROPAGATOR**

While windowsills can often provide ideal light conditions for successful propagation, they can also be cool and draughty. This compact electric propagator is supplied with 3 high dome propagators - each 23cm (9") Long 17cm (6.5") Wide.

The propagator units are ideal for growing seeds in volume and particularly suited to larger cuttings. The heated base contains a 13W carbon fibre element for even heat distribution. This unit is not thermostatically controlled and is designed to increase the ambient compost temperature by around 8°C.



GARLAND
JUMBO PRO VARIABLE TEMP CONTROL ELECTRIC PROPAGATOR

This top of the range electric propagator is the largest in our range and is supplied with two XL High Dome Propagators on a heated base and provides a tightly controlled growing environment using state of the art technology and equipment.

Many growers will find the extra headroom provided by the unit particularly useful.

Designed for the keen gardener looking to grow seeds in volume, this unit is also ideal for rooting cuttings.

The heated base contains a 100W carbon fibre element ensuring even heat distribution and is supplied with a digital display, variable temperature controller.

The control unit features a highly accurate probe sensor on a 2m lead and is capable

of controlling the temperature of your growing medium to within 1 °C. A large lit digital display makes the temperature control unit extremely easy to use. Once the probe sensor is in position, simply enter your desired target temperature and leave the unit to automatically regulate, heating only when needed. You can set a temperature target anywhere between 5°C and 30°C.

Please note that we do not recommend operation of the unit where the ambient temperature falls below 5°C.

The temperature control unit also features a useful hanging loop. The size of the unit lends itself to use in a greenhouse or on a spare room table top. The unit is fully injection moulded to produce a durable, high quality product.



**GARLAND
FAB FOUR ELECTRIC PROPAGATOR**

Designed for the keen gardener looking to grow a range of seed varieties. The size of the electric heated base lends itself to use on a windowsill or on a spare room table top. Featuring 4 independent mini vented propagators which allow for added user flexibility, each 17cm (6.75") Long by 10cm (4") Wide. The heated base contains a 8W carbon fibre element for even heat distribution. This unit is not thermostatically controlled and is designed to increase the ambient compost temperature by around 8°C.

FAB 4 ELECTRIC PROPAGATOR

41695



**GARLAND
SUPER 7 SELF WATERING PROPAGATOR**

This product is the perfect size to sit comfortably on a window sill and includes 7 vented mini propagators. The growing trays are supported above the reservoir on raised platforms which are in turn covered in capillary matting. The plants draw the water naturally from the capillary matting as required.

SUPER 7 SELF WATERING PROPAGATOR

41692



**GARLAND
FOUR TOP AUTOMATIC TEMPERATURE CONTROL ELECTRIC**

Designed for the keen gardener looking to grow a range of seed varieties. The size of the electric heated base lends itself to use in a greenhouse or on a spare room table top. The Four Top allows added user flexibility, featuring 4 independent small vented propagators, each 23cm (9") Long 17cm (6.5") Wide 6cm. The heated base contains a 40W carbon fibre element for even heat distribution and features an in built fixed temperature thermostat designed to maintain a compost temperature of 19° Centigrade. The unit features 'Heat On' and 'Power On' neon light indicators.

FOUR TOP AUTOMATIC TEMPERATURE CONTROL

CALL



**GARLAND
SUPER 7 ELECTRIC WINDOWSILL PROPAGATOR**

While windowsills can often provide ideal light conditions for successful propagation, they can also be cool and draughty. This compact electric propagator is a complete nursery for the windowsill. Featuring 7 mini vented propagators, ideally sized for the most gardeners, the Super 7 allows the user to grow a large number of plant varieties on just one unit. The heated base contains a 13W carbon fibre element for even heat distribution. This unit is not thermostatically controlled and is designed to increase the ambient compost temperature by around 8°C.

SUPER 7 ELECTRIC WINDOWSILL PROPAGATOR

41696



Clear cover

Injection moulded growing tray

Capillary matting

Injection moulded support platform

Injection moulded reservoir tray

Growing pellets

Clear cover holds in heat & moisture

Long life injection moulded growing tray

Capillary matting draws up water to supply seedlings

Inner platform supports growing tray and reverses to aid ejection of seedlings

Reservoir automatically supplies water for up to 10 days



**GARLAND
ULTIMATE SELF WATERING SEED SUCCESS KIT**

The Ultimate Self Watering Propagator, just add seeds and water. Maintaining optimal growing conditions is essential for successful seed germination.

A propagator can help but careful and managed watering is also required. This range of self watering propagators feature an internal water reservoir. The growing trays are supported above the reservoir on raised platforms which are in turn covered in capillary matting.

The plants draw the water naturally from the capillary matting as required.

This kit is the perfect size to sit comfortably on a window sill and includes 24 growing pellets giving just the right amount of growing media for each cell, a reservoir tray, support platform, 12 or 24 cell growing tray, capillary matting and a clear cover.

Each of the growing cells measures 5cm x 4.7cm x 5.8cm deep and has a capacity of 0.1L.

With the exception of the capillary matting and the clear covers, this unit is made from recycled plastic. The growing tray can be re-used year after year and can be easily sterilised in a dishwasher.



**GRODAN
DELTA BLOCKS**

Once seeds or cuttings are rooted in a propagation cube, transplant them to a Grodan Delta Block. 3" and 4" blocks are ideal for use in NFT, slab culture, dripper or Ebb & Flood systems.

| | | | |
|------------------------|-------|---------|-------|
| DELTA 3" x384 (S) HOLE | 40536 | (B)HOLE | 40523 |
| DELTA 4" x216 (S)HOLE | 40535 | (B)HOLE | 40522 |



**GRODAN
HUGO BLOCKS**

The cubes are a sterile hydroponic growing medium with a pre cut 1.5" hole to hold the seedling or cutting you are re-potting. Some growers will use the cubes till roots show out of the bottom and then re-pot into a larger pot or system.

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| HUGO BLOCKS 6" x 4" | 40526 |
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**GRODAN
MM 40/40**

These are individually wrapped small cubes for seeds and cuttings.

| | |
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| GRODAN MM 40/40 | 41044 |
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**GRODAN
GROW CUBES**

1cm square cubes of Grodan rockwool mapito. Clean, lightweight and well aerated.

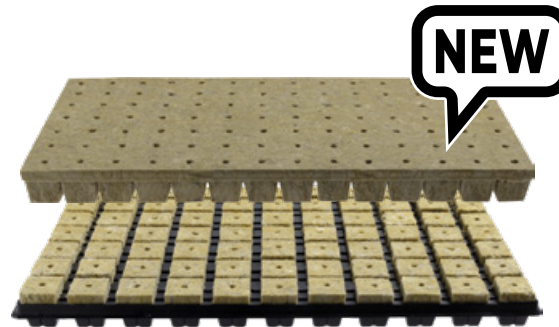
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| GROW CUBES 125L | 40621 | 1.4M ³ | 40620 |
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**GRODAN
WA FINE**

WA Fine offers exceptional water absorption and retention. Its finely textured structure provides optimal root support, promoting healthy plant growth and maximum nutrient uptake.

| | |
|-------------------|-------|
| WA FINE 25KG BAGS | 14045 |
|-------------------|-------|



**GRODAN
SBS SMALL/REFILL CUBES**

Grodan plugs and blocks are known for their homogeneity and reliability. Grodan SBS plugs will provide a uniform germination and a high success rate.

| | |
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| SMALL TRAY X 77 x18 TRAYS | 40518 |
| LARGE TRAY X 150 x18 TRAYS | 40521 |



**GRODAN
GT MASTER SLABS**

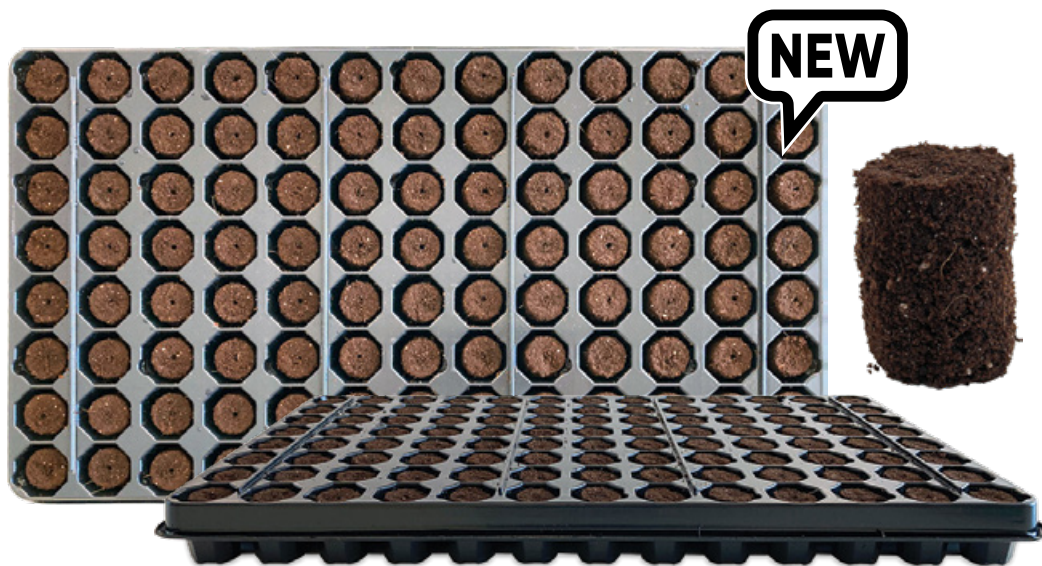
Grodan GT Master Dry is a stonewool substrate slab to grow vegetable plants in high tech cultivation, like tomato, sweet pepper, cucumber and eggplant.

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| MASTER SLAB 1000x150 | 43519 | 1300x150 | 43520 |
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**GRODAN
VITAL SLABS**

Grodan Vital combines simplicity with uniform crop development, reliable technical results, as well as being ideal for precision growing.

| | | | |
|----------------------|-------|----------|-------|
| VITAL SLABS 1000x150 | 41613 | 1300x150 | 43517 |
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**UGRO
COCO PLUGIN TRAY**

Life is easier when the quality of your substrate is optimal. The properties of the raw material and the structure are decisive for the success of the crops. These trays are characterized by a high aeration capacity that guarantees exceptional good drainage, considerably reduces the proliferation of fungi and ensures that rooting produce faster than in other propagation trays. Produced with an ideal and exclusive combination of coconut substrate and perlite of controlled and certified origin, treated with slow-release fertilizers.

EASY EXTRACTION

UGro COCO Pure Plug Tray, plugs keep their size in both wet and dry conditions, preserving the physical properties of the substrate in both situations. Pure Plug Tray is equipped with pre-drilled insertion holes that allow quick work and ensure both a uniform insertion depth and a good contact with the substrate in the case of seed germination.

COCO PLUGIN TRAY | 40316



**UGRO
PLUG BULK BASIC**

A 38 mm dehydrated coconut substrate plug (disc) with a low percentage of coconut fibres, wrapped in a thin biodegradable paper sleeve. Designed to achieve excellent water retention. Recommended for short-term and seasonal crops. Optimal nutrient absorption. Low watering frequency. High volumetric performance.

38mm | 40316

**UGRO
PLUG BULK RHIZA**

A 30/38 mm dehydrated coconut substrate plug (disc) with a low percentage of coconut fibres, wrapped in a thin biodegradable paper sleeve. Designed to achieve excellent water retention. Recommended for short-term and seasonal crops. It is true-buffered, and enriched with endomycorrhizae (fungus) which facilitates a better uptake of nutrients..

30mm | 40318 | 38MM | 40317



**EAZY
PLUG/BLOCK/PYRAMID**
vigorous root development

The Eazy Plug originates from the Dutch centre of cultivation technology and is an innovative propagation and growth medium that is truly unique. It comes with predetermined EC and pH levels and self-regulates to exactly the right air-to-water ratio. Due to its strongly bonded organic components, there is no need for pots or sleeves, thus allowing for huge hair root structures because of the air pruning effect. With superb water uptake and uniform moisture distribution, it can be supplied dry, offering a clean growing medium with an unlimited shelf life.

BLOCK | x160 | 02898 | **PLUG** | x24 | 02588 | x77 | 02587 | x104 | 37432 | **PYRAMID** | x4 | 06045



**GROWTH TECHNOLOGY
ROOT RIOT**
propagation medium

Root Riot is a ready-to-go organic propagation cube for use with seeds and cuttings. Composed of ground coir and an organic polymer, the structure provides the perfect air-to-water ratio for faster, more vigorous rooting. Each cube is inoculated with the micro-nutrients and beneficial fungi necessary to give your young plants the best possible start in life. The cubes are supplied already moistened, with a central hole to accommodate your cuttings or seeds. In practice, the cubes may require re-wetting on arrival. This should be done by soaking them in tepid water and allowing them to drain off.

ROOT RIOT X24 | 05675 | x50 | 01726 | x100 | 01765



CANNA
CANNA START
perfect start for cuttings

CANNA Start is a unique, balanced, one-part nutrient solution to meet the needs of seedlings and rooted cuttings. It gives you all the primary, secondary and macro elements needed for a cutting or seedling to develop into a healthy plant. CANNA Start is a complete one-part nutrient solution, meaning it contains all the needed elements in one bottle. CANNA Start is perfect for growers who grow from seeds or take their own cuttings. Put the seedlings or cuttings in small pots before transplanting them into the final medium.

START 500ml | 01888 | 1L | 01889 | 5L | 01890



UGRO
BACK MAGIC
perfect start for cuttings

A non-pathogenic endospore root-care formula that eliminates old plant roots and keeps the irrigation facilities of your plant clean for longer, slowing down the obstructions caused by the organic matter. It works quickly to combat stress and regulates stem elongation, germination, dormancy, flowering development and leaf and fruit senescence. Stabilises the gibberellic precursors and mobilises nitrogen, phosphorus and potassium retained in soils. Helping fruit set and fruit growth and increases its effectiveness in the presence of calcium salts such as carbonates and bicarbonates.

B MAGIC 125ml | 40311 | 1L | 40312 | 5L | 40313



UGRO
RHIZA 1200.
Root-system-architecture

A fast-acting, non-pathogenic rooting powder that starts working in 24-hours, by accelerating your plant growth and enhancing the accumulation of valuable molecules in your plant. The active ingredient, Rhizophagus irregularis (1200 cfu/g) in Rhiza1200 significantly accelerates root-system-architecture, the shoot & root biomass and it starts working in 24-hours..

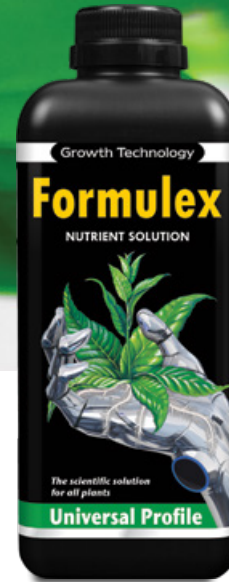
RHIZA 1200 4g (PACK OF 50) | 40315 | 300G | 40314



CUTTING EDGE ORGANICS
ROOTING GEL
100% organic

An organic rooting hormone solution for the gardener that likes to keep everything organic and natural. Cutting Edge Rooting Gel contains only natural ingredients, assuring growers that nothing synthetic has gone into their plants from start to finish. **Promotes rapid and vigorous root cell development**
100% organic
Harvested in a sustainable way
Helps reduce stem rot
Strengthens plants' immune systems
Pure natural extract from Eastern Atlantic seaweed
Readily covers and sticks to plant tissue

ROOTING GEL 50ml | 03068



GROWTH TECHNOLOGY
CLONEX MIST
root promoter

This is a truly iconic product, born out of Growth Technology's own experiences as volume propagators way back in the eighties.

They conceived the idea to use a gel base for the rooting hormones, and the development of that idea led directly to Clonex. It was, as far as we can tell, the first such gel on the market – anywhere.

It is now the market leader on three continents and has a huge, and deservedly loyal, client base.

This famous rooting gel is suitable for most plant species and most types of propagation.

GROWTH TECHNOLOGY
CLONEX PRO START
multi-application nutrient solution

Precisely formulated from a powerful blend of mineral nutrients and organic extracts, CLONEX PRO START supports outstanding root development and early growth in cuttings, seedlings, and young plants.

Correct potassium: nitrogen ratio for early leaf development

Nitrate nitrogen for immediate uptake and use by the plant

Optimal boron and calcium levels to support early root initiation

Full profile of chelated trace elements, balanced for use at low EC

Phosphorus for energy conversion and metabolism

GROWTH TECHNOLOGY
FORMULEX
nutrient solution

Formulex has become an industry standard and is valued for its utility and ease of use.

It is a single solution with amazing capacity for stable pH through its ground breaking inbuilt buffering capacity.

Formulex can be used for almost every fertilising requirement and is an amazingly useful bottle to have around.

Many people recommend it for seedlings and young plants generally, but it can be used at all stages of growth and for many different crops.

GROWTH TECHNOLOGY
NITROZYME
growth enhancer

Nitrozyme is based upon a highly concentrated and purified extract of marine kelp. It is rich in growth-promoting compounds and has truly amazing effects on crop performance. Imported from Canada, Nitrozyme has been thoroughly tested by reputable organisations, on many commercial crops. Please ask us for the Nitrozyme Test Results Summary or click here to download the information.

Nitrozyme can be used as a foliar growth enhancer – misted across the foliage or it can be watered into the root zone.

An advanced blend of supplementary essential vitamins. Aids biological processes in plants. Use with any nutrients at all stages of plant growth.

| | | | | | |
|-----------|-------|-------|-------|-------|-------|
| MIST 50ml | 00027 | 100ml | 03128 | 300ml | 36353 |
| 750ml | 36354 | 1L | 38989 | 5L | 38875 |

| | | | |
|--------------|-------|----|-------|
| CLONEX 300ml | 42409 | 1L | 42411 |
|--------------|-------|----|-------|

| | | | | | |
|----------------|-------|-------|-------|-----|-------|
| FORMULEX 100ml | 05202 | 300ml | 05203 | | |
| 1L | 05204 | 5L | 05205 | 20L | 39736 |

| | | | |
|-----------------|-------|-------|-------|
| NITROZYME 100ml | 00098 | 300ml | 00099 |
| 1L | 00097 | 5L | 05201 |





T19
GROW ROOM



BudBox PRO™

BudBox – the original grow tent manufacturer with over 20 years of expertise is very proud of its industry-leading PRO range.

The multi-award-winning PRO White range offers the best PAR reflectivity of any grow tent and up to 106% more PAR reflectivity than Mylar.

With 25mm tempered steel frames from 120 x 120cm and upwards, BudBox PRO are also the strongest tents out there and come in a huge range of features and sizes.

Budbox has won the UK's favourite grow tent and the UK's Most Sold Grow Tent awards for the past four consecutive years, demonstrating the commitment to quality and innovation that BudBox has been known for since the very beginning.

The PRO range offers grow tents from small (75 x 75 x 100cm) up to the new mighty Titan size (9900 x 450 x 240cm), with dozens of size options in between, ensuring there is a suitable size for all growers' needs and available spaces.

**Industry-leading PAR reflectivity • Strong 25mm frames*
Metal corners • Double-stitched seams • Uplift irrigation bar
Green viewing window • Double-cuff vents • 20% oversized vents
Screened passive vents • Waterproof drip tray • Roof hanging bars
Silicon pads for roof bars • Clear floor space • Hanging straps provided
Canvas completely unzips.**

**From sizes 120x120cm and above. 16mm diameter below 120x120cm*



BudBo

X



BudBox LITE™

A high-quality, hard-wearing grow tent at an affordable price that blows other budget tents out of the water!

BudBox grow tents entered the market back in 2004 and have a proud reputation for making products of excellent quality.

Hard-wearing grow tents that set the standard for all other tents to be judged against.

The BudBox LITE grow tent continues this tradition of excellent design and function but at a lower price point. Although the range is comparatively lower in price than the PRO tent range, it still features tough, durable, well-stitched tent fabric, interlocking heavy-duty poles for sturdy support, solid tent connectors and ventilation ports to allow ducting to be fitted, creating a perfect portable indoor growing environment.

Strong 16 & 19mm frames

Metal corners above 150 x 300cm and 200 x 200cm sizes

Double-stitched seams • Double-cuff vents • 20% oversized vents

Screened passive vents • Waterproof drip tray • Roof hanging bars

Clear floor space • Hanging straps provided

BudBox

| CODE | PRODUCT | W | L | H | LINING |
|-----------------|------------------|----|----|-----|--------|
| 75SERIES | | | | | |
| 05600 | PRO SMALL | 75 | 75 | 100 | WHITE |
| 05599 | PRO SMALL | 75 | 75 | 100 | SILVER |
| 05602 | PRO INTERMEDIATE | 75 | 75 | 160 | WHITE |
| 05601 | PRO INTERMEDIATE | 75 | 75 | 160 | SILVER |
| 05603 | PRO MEDIUM | 75 | 75 | 200 | WHITE |
| 05603 | PRO MEDIUM | 75 | 75 | 200 | SILVER |

| | | | | | |
|------------------|---------------------|-----|-----|-----|--------|
| 100SERIES | | | | | |
| 05606 | PRO L180 | 100 | 100 | 180 | WHITE |
| 05605 | PRO L180 | 100 | 100 | 180 | SILVER |
| 05608 | PRO L200 | 100 | 100 | 200 | WHITE |
| 05607 | PRO L200 | 100 | 100 | 200 | SILVER |
| 05626 | PRO TITAN 1 | 200 | 200 | 200 | WHITE |
| 05625 | PRO TITAN 1 | 200 | 200 | 200 | SILVER |
| 40012 | PRO TITAN 1 HL | 200 | 200 | 220 | WHITE |
| 05746 | PRO TITAN 1 HL | 200 | 200 | 220 | SILVER |
| 40013 | PRO TITAN 1 PLUS | 200 | 300 | 200 | WHITE |
| 05627 | PRO TITAN 1 PLUS | 200 | 300 | 200 | SILVER |
| 37607 | PRO TITAN 1 PLUS HL | 200 | 300 | 220 | WHITE |
| 40016 | PRO TITAN 1 PLUS HL | 300 | 200 | 220 | SILVER |

| | | | | | |
|------------------|----------------|-----|-----|-----|--------|
| 120SERIES | | | | | |
| 05612 | PRO XL | 120 | 120 | 200 | WHITE |
| 05611 | PRO XL | 120 | 120 | 200 | SILVER |
| 05744 | PRO XL HL | 120 | 120 | 220 | WHITE |
| 05744 | PRO XL HL | 120 | 120 | 220 | SILVER |
| 05620 | PRO XXL | 120 | 240 | 200 | WHITE |
| 05619 | PRO XXL | 120 | 240 | 200 | SILVER |
| 05745 | PRO XXL HL | 120 | 240 | 220 | WHITE |
| 05745 | PRO XXL HL | 120 | 240 | 220 | SILVER |
| 05628 | PRO TITAN PLUS | 240 | 240 | 200 | WHITE |

| CODE | PRODUCT | W | L | H | LINING |
|------------------|-------------------|-----|-----|-----|--------|
| 120SERIES | | | | | |
| 05627 | PRO TITAN PLUS | 240 | 240 | 200 | SILVER |
| 36518 | PRO TITAN PLUS HL | 240 | 240 | 220 | WHITE |
| 05747 | PRO TITAN PLUS HL | 240 | 240 | 220 | SILVER |
| 05880 | PRO TITAN 2 | 360 | 240 | 200 | WHITE |
| 05879 | PRO TITAN 2 | 360 | 240 | 200 | SILVER |
| 06154 | PRO TITAN 2 HL | 360 | 240 | 240 | WHITE |
| 05397 | PRO TITAN 2 HL | 360 | 240 | 220 | SILVER |

| | | | | | |
|------------------|-----------------|-----|-----|-----|--------|
| 150SERIES | | | | | |
| 05614 | PRO XL PLUS | 150 | 150 | 200 | WHITE |
| 05613 | PRO XL PLUS | 150 | 150 | 200 | SILVER |
| 37606 | PRO XL PLUS HL | 150 | 150 | 220 | WHITE |
| 40014 | PRO XL PLUS HL | 150 | 150 | 220 | SILVER |
| 05622 | PRO XXL PLUS | 150 | 300 | 200 | WHITE |
| 05621 | PRO XXL PLUS | 150 | 300 | 200 | SILVER |
| 36002 | PRO XXL PLUS HL | 150 | 300 | 220 | WHITE |
| 37697 | PRO XXL PLUS HL | 150 | 300 | 220 | SILVER |
| 05587 | PRO TITAN 3 | 300 | 300 | 200 | WHITE |
| 05385 | PRO TITAN 3 | 300 | 300 | 200 | SILVER |
| 36519 | PRO TITAN 3 HL | 300 | 300 | 220 | WHITE |
| 06133 | PRO TITAN 3 HL | 300 | 300 | 220 | SILVER |
| 05630 | PRO TITAN 6 | 600 | 300 | 220 | WHITE |
| 05629 | PRO TITAN 6 | 600 | 300 | 220 | SILVER |

| | | | | | |
|-------------------|---------------|-----|-----|-----|--------|
| ROOFSERIES | | | | | |
| 05610 | PRO XL R | 120 | 120 | 180 | WHITE |
| 05609 | PRO XL R | 120 | 120 | 180 | SILVER |
| 05845 | PRO XL PLUS R | 150 | 150 | 180 | WHITE |
| 05845 | PRO XL PLUS R | 150 | 150 | 180 | SILVER |
| 05618 | PRO XXL R | 120 | 240 | 180 | WHITE |
| 05617 | PRO XXL R | 120 | 240 | 180 | SILVER |

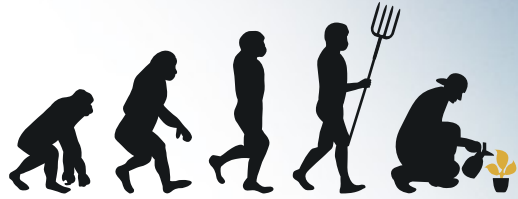
BudBox LITE

| CODE | PRODUCT | CORNERS | W | L | H | LINING |
|-------------------|--------------|---------|-----|-----|------|--------|
| BUDBOXLITE | | | | | | |
| 36241 | 40x40x120 | PLASTIC | 40 | 40 | 120 | SILVER |
| 36242 | 60x90x90 | PLASTIC | 60 | 90 | 90 | SILVER |
| 06129 | 60x60x140 | PLASTIC | 60 | 60 | 140 | SILVER |
| 06130 | 80x80x160 | PLASTIC | 80 | 80 | 160 | SILVER |
| 40038 | 80x80x200 | PLASTIC | 80 | 80 | 200 | SILVER |
| 40039 | 100x100x180 | PLASTIC | 100 | 100 | 180 | SILVER |
| 06131 | 100x100x200 | PLASTIC | 100 | 100 | 200 | SILVER |
| 36243 | 120x120x180 | PLASTIC | 120 | 120 | 180 | SILVER |
| 36243 | 120x120x180R | METAL | 120 | 120 | 180R | SILVER |
| 06132 | 120x120x200 | PLASTIC | 120 | 120 | 200 | SILVER |
| 00000 | 120x240x180R | METAL | 120 | 240 | 180R | SILVER |
| 05974 | 120x240x200 | PLASTIC | 120 | 240 | 200 | SILVER |
| 40016 | 150x150x180R | METAL | 150 | 150 | 180R | SILVER |
| 36244 | 150x150x200 | PLASTIC | 150 | 150 | 200 | SILVER |
| 37108 | 150x300x200 | PLASTIC | 150 | 300 | 200 | SILVER |
| 05975 | 200x200x200 | PLASTIC | 200 | 200 | 200 | SILVER |
| 38012 | 200x200x200 | METAL | 200 | 200 | 200 | SILVER |
| 05976 | 240x240x200 | METAL | 240 | 240 | 200 | SILVER |
| 05977 | 200x300x200 | METAL | 200 | 300 | 200 | SILVER |
| 05978 | 300x300x200 | METAL | 300 | 300 | 200 | SILVER |
| 05979 | 600x300x200 | METAL | 600 | 300 | 200 | SILVER |

Dimension - cm



Environment is Everything



GROW UP WITH Secret Jardin

Secret Jardin uses only top-quality materials:

The frame is made of Q195 steel or #201 stainless steel tubes. Instead of a standard welded-clipped system, Secret Jardin uses special reinforced plastic corner fittings, which are better suited to the repeated changes in weight that the grow tents experience.

The tent fabric is made of 210D, 400D or 900D Oxford fabric with a 0.20mm thick PVC coating and highly reflective Mylar. This provides the plants with 50% to 100% more light while thermally insulating the tent. The fabric is EN 14372:2004 certified to ensure that no toxins, such as phthalates, will harm your plants. The water tray is made from 400g/m² swimming pool liner, which will withstand up to 5 years of intensive use. The carrying bag is made from durable 600D polyester. Nylon #30 210D thread is used on the stitching to ensure that the seams are solid.

Pre-Equipped Grow Tents

Secret Jardin tents come pre-equipped so you can quickly install a complete growing setup without requiring the use of any tools. ducting flanges are used to create intake exhaust ports. PatchITs allow you to move ducting flanges and repair rips in the tent. StrapITs, CableITs, Cable Flanges and Handling Tubes are used to install lighting, ventilation, cables, watering systems, etc. The water tray is a flexible, removable water tray that keeps your tent clean and prevents flooding. Finally, the Space Booster & WebIT can be used to increase your grow space by up to 25% while supporting your plants.

Three Product Ranges

The "High-Space" range, which includes Dark Street, Dark Room and Intense for tall plants from 50 to 150cm.

The "Low-Space" range, which includes Dark Propagator for plants less than 80cm tall. These grow tents are often used for propagation and growing seedlings, and can be used for blooming small plants if the right lighting is used.

The "Multi-Space" range, which includes Lodge grow tents, features three grow spaces in the same tent: a primary grow space for tall plants and two smaller spaces for small plants. The Lodge only requires just one extractor fan to ventilate all three rooms.



Dark Street

Dark Room

Lodge

Dark Propagator



Intense

Hydro Shoot
SMALL

Hydro Shoot
LARGE

The Tent For Do-It-Yourselfers

The Hydro Shoot tent is the ideal foundation for any grower who wants to create a custom configuration.

It comes without accessories, except for a removable Mylar water tray to prevent flooding.

It features socks for managing ventilation and cable hose routing. These are highly reflective and lightproof and can be fitted to various diameter ducts, filters, extraction systems, hoses and cables.

Two Product Ranges

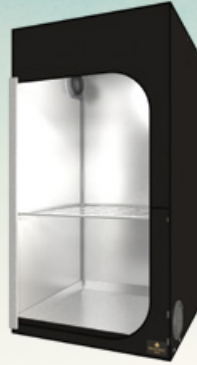
The small size can be used vertically for tall plants or horizontally for small plants and has a 16 mm frame. For the HS120 model and up, the grow tents feature a 19mm frame, and the horizontal door design means the grow tent can be opened on 3 sides for easy access to the entire grow space.



PRE-EQUIPPED
SMALL VERTICAL SPACE



DS60
60x60x158cm



DS90
90x90x178cm



DS120
120x120x200cm



DS120W
120x60x178cm



DS150W
150x77x200cm



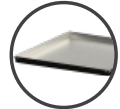
Q195 Steel
Ø16-19mm



Opening 270°
Full plant access



Fully Pre-equipped
Adapt to your needs



Water tray
Movable

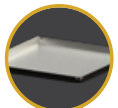


100% Lightproof
Double-flap zip

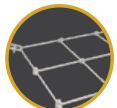
Set Up Included with the Dark Street



**Space
Booster Kit**



Water Tray



WebIT



StrapIT



CableIT

DARK STREET

space saving with premium quality

The Dark Street tent is designed for plants measuring 50 to 150cm tall, with grow spaces of 0.36 to 1.44m².

It features ducting flanges (DF16) for managing intake/exhaust and comes with everything you need to install the complete system. The grow tent comes in a sturdy bag with a shoulder strap.

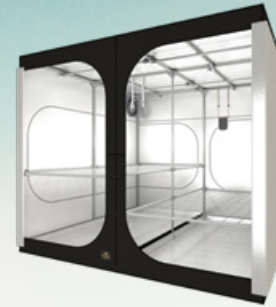
| | | | | | | | | | |
|------------------|-------|------|-------|-------|-------|---------|-------|---------|-------|
| DARK STREET DS60 | 36113 | DS90 | 36114 | DS120 | 06200 | DS120 W | 36115 | DS150 W | 05656 |
|------------------|-------|------|-------|-------|-------|---------|-------|---------|-------|



**PRE-EQUIPPED
MEDIUM VERTICAL SPACE**



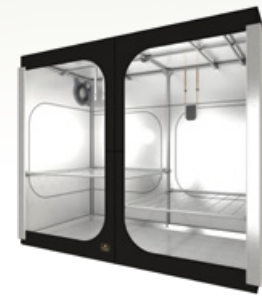
DR150
150x150x217cm



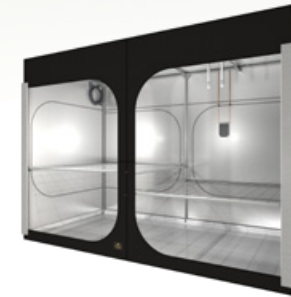
DR240
237x237x200cm



DR300
297x297x217cm



DR240W
237x120x200cm



DR300W
297x150x217cm



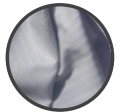
#201 Stainless Steel
Ø25mm



Accessibility 360°
Front Rear & Side



Fully Pre-equipped
Adapt to your needs



Fibred Liner
Strong & Removable

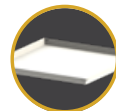


100% Lightproof
Double-flap zip

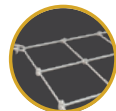
Set Up Included with the Dark Room



**Space
Booster Kit**



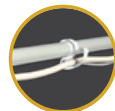
**Removable
Liner**



WebIT



StrapIT



CableIT

DARK ROOM

medium growing space

The Dark Room tent is designed for plants measuring 50 to 150cm tall, with grow spaces of 2.25 to 9.00m².

It features Ducting Flanges (DF16) for managing intake/exhaust and comes with everything you need to install the complete system. The tent comes in a sturdy bag with a shoulder strap.

The door and window zippers are cut separately so that they are covered by a 3cm flap on each side. This double flap makes the tent 100% lightproof.

The configuration advice provided in terms of ventilation, lighting and extraction is specific to intensive Level III growing, for sun-loving plants.

| | | | | | | | | | |
|------------------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|----------------|--------------|
| DARK ROOM DR150 | 38862 | DR240 | 38867 | DR300 | 05650 | DR240 W | 05649 | DR300 W | 05650 |
|------------------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|----------------|--------------|

PRE-EQUIPPED
LARGE VERTICAL SPACE



#201 Stainless Steel
Ø25mm

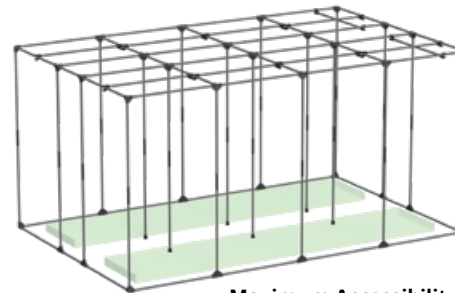
Set up included with the Intense R4.00



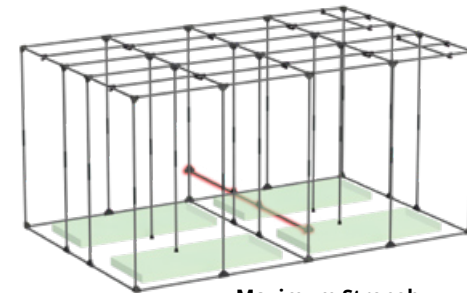
StrapIT



CableIT



Maximum Accessibility



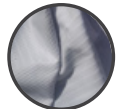
Maximum Strength



Accessibility +360°
Full plant access



Fully Pre-equipped
Adapt to your needs



Fibred Liner
Strong & Integrated



Fully Linkable
Side & Front

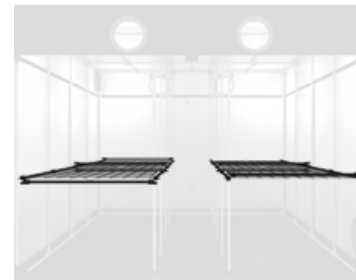
INTENSE
expert

The Intense tent is designed for plants measuring 50 to 150cm tall, with grow spaces of 11.5 to 21.5m².

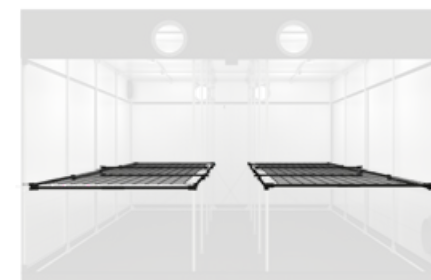
It has a 60cm wide central corridor so you can access the plants from inside and outside, and features one or two grow spaces on both sides of the corridor, depending on the chosen configuration (accessibility or robustness).

You can also choose not to use the corridor and use the entire area as a grow space, with the Space Booster & WebIT that are sold separately.

The Intense grow tent features ducting, for managing intake/exhaust and comes with everything you need to install the complete system.



INT480 Space Booster & WebIT



INT600 Space Booster & WebIT



**PRE-EQUIPPED
MULTI SPACE**



L100
100x60x158cm

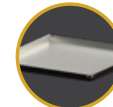


L160
160x120x198cm

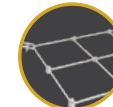
Set up included with the Lodge R4.00



**Space
Booster Kit**



Water Tray



WebIT



StrapIT



CableIT



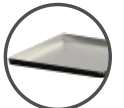
Q195 Steel
Ø16-19mm



1 Extractor/3 Rooms
Full plant access



Fully Pre-equipped
Adapt to your needs



Water tray
Strong & Removable



100% Lightproof
Double-flap zip

LODGE

one box, two environments

The Lodge tent uses the same technology as Dark Street and features 3 grow spaces: The left side is designed for plants measuring 50 to 150cm tall, and the two spaces on the right are designed for plants less than 80cm tall.

It features Ducting Flanges (DF16) for managing intake/exhaust. With the addition of a Light Baffle (DF16LB) between the spaces on the left and right, a single extractor can be used for all three spaces.

The Lodge grow tent comes in a sturdy carrying bag and includes everything you need to install the complete system quickly.



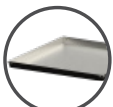
Q195 Steel
Ø16



Removable shelves
Option in DP90



Fully Pre-equipped
Adapt to your needs

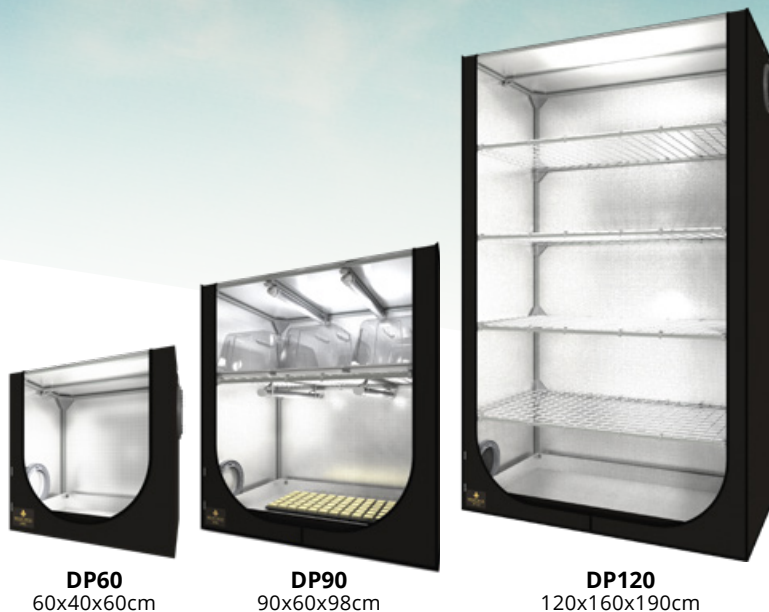


Water tray
Movable



100% Lightproof
Double-flap zip

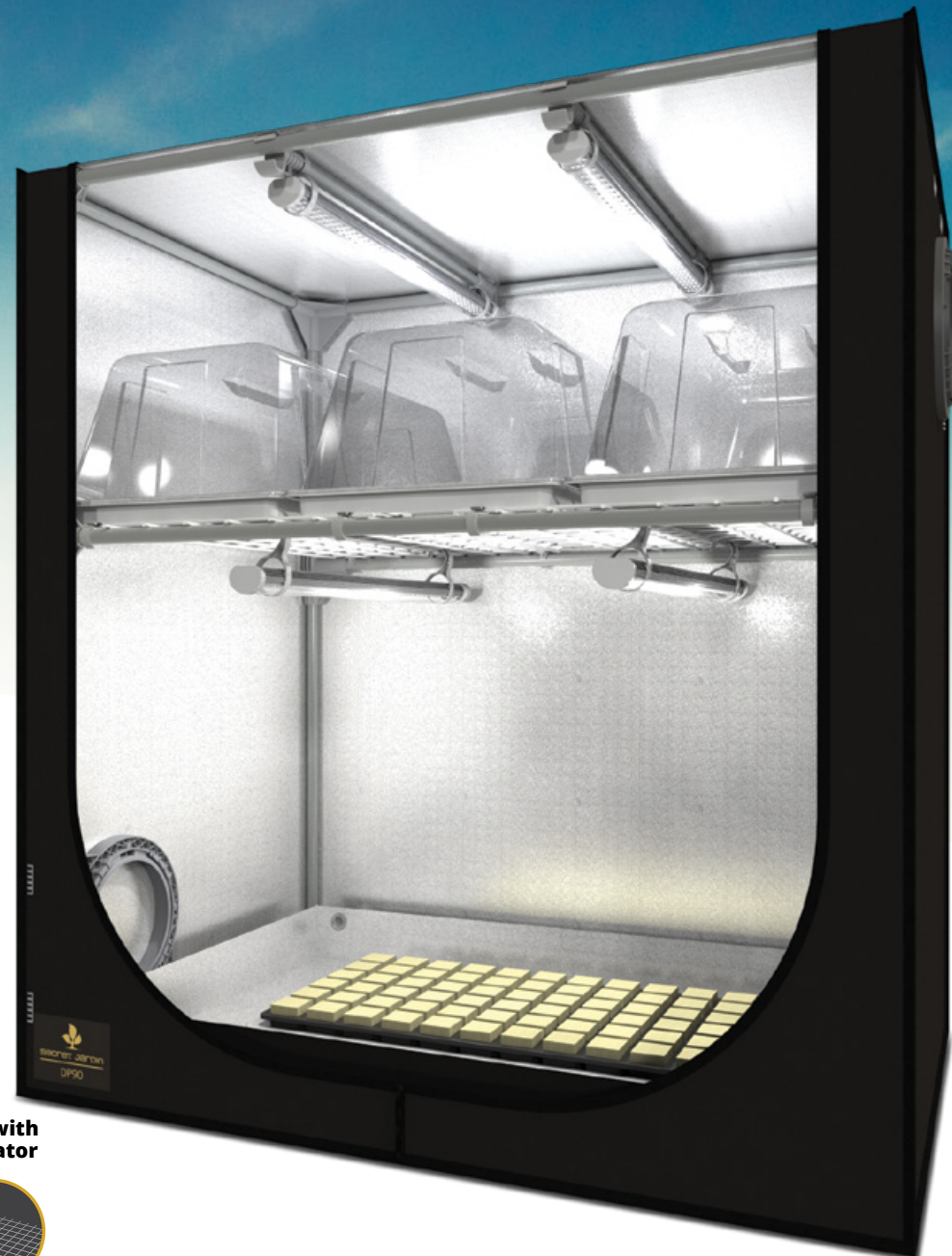
**PRE-EQUIPPED
HORIZONTAL SPACE**



DP60
60x40x60cm

DP90
90x60x98cm

DP120
120x160x190cm



**SECRET JARDIN
DARK PROPAGATOR**
propagation

The Dark Propagator tent is designed for plants measuring less than 80cm tall, with grow spaces of 0.24 to 3.60m².

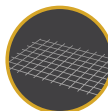
These grow tents are ideal for seedlings and small plants, as well as blooming plants with high light requirements when equipped with appropriate lighting.

It features Ducting Flanges (DF16) for managing intake/exhaust and comes with everything you need to install the complete system.

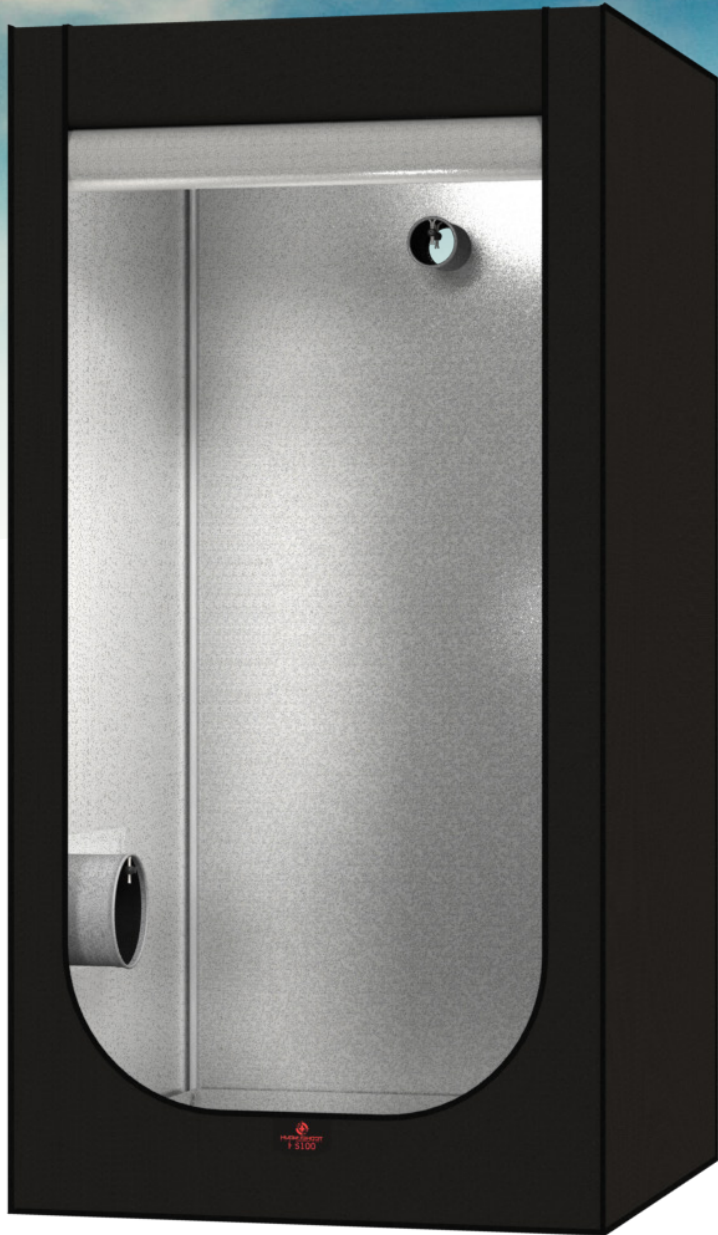
**Set Up included with
the Dark Propagator**



Clips



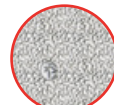
Grid 60/40
(DP90 : Option)



**ESSENTIAL
SMALL HYDRO SHOOT R2.00**



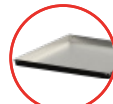
Q195 Steel
Ø16mm



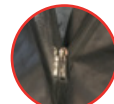
Reflective Mylar
M210D



Big & Small Plants
Vertical or Horizontal



Water Tray
Strong & Removable



100% Lightproof
Double-flap zip

SECRET JARDIN

HYDRO SHOOT (SMALL)
essential without compromise

In the vertical position, the small Hydro Shoot grow tent is designed for plants measuring 50 to 150cm tall and features grow spaces of 0.16 to 1.00m².

In the horizontal position, it can be used for plants measuring less than 80 cm tall and features grow spaces of 0.16 to 1.44m².

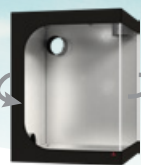
It features reflective socks for the air intake/exhaust ports, and you can also use our Ducting Flange (DF16) to add more openings.

It comes without accessories and can be used with accessories and peripherals designed specifically for all our grow tents.

**ESSENTIAL
LARGE HYDRO SHOOT R2.00**



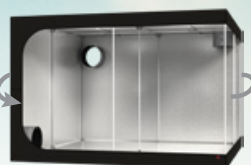
HS120
120x120x200cm



HS150
150x150x200cm



HS240
238x238x200cm



HS300
298x298x200cm



HS240W
238x120x200cm



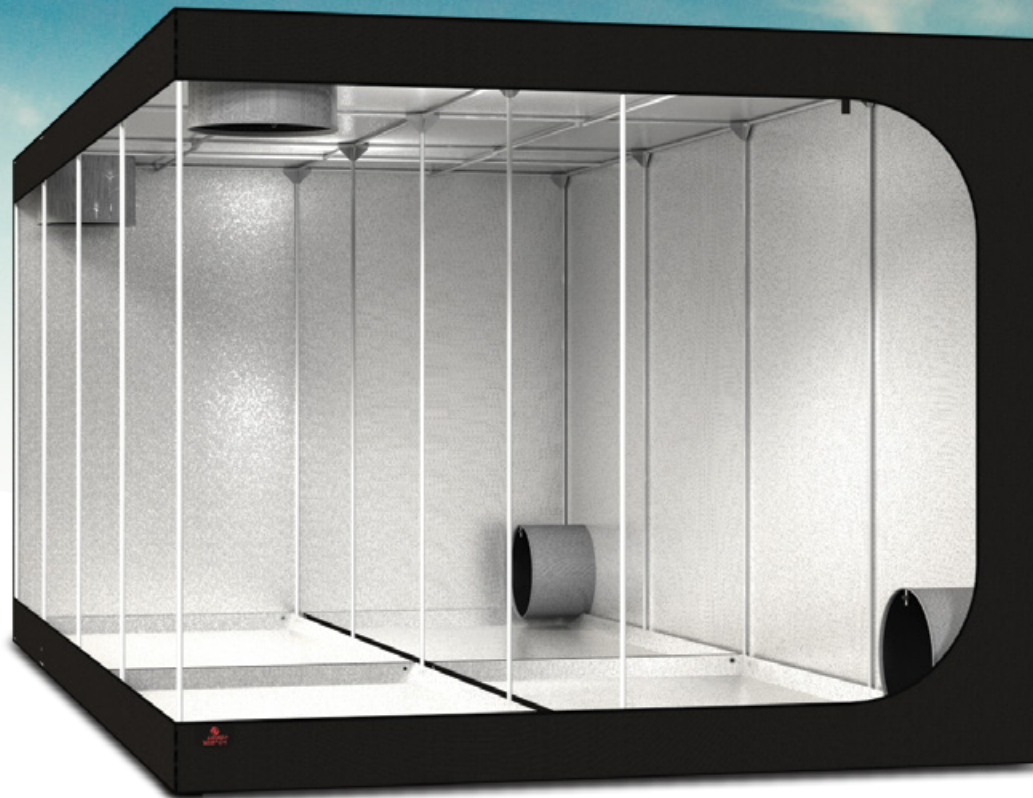
HS300W
298x150x200cm



HS480W
472x238x200cm



HS600W
594x298x200cm



HYDRO SHOOT (LARGE)

essential without compromise

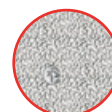
The large Hydro Shoot grow tent is designed for plants measuring 50 to 150cm tall and features grow spaces of 1.44 to 18.00m².

It is easy to set up and has doors that completely open three sides of the tent for easy access to the plants.

It features reflective socks for the air intake/exhaust ports, and you can also use our Ducting Flange (DF16) to add more openings. It comes without accessories and can be used with accessories and peripherals designed specifically for all our grow tents.



Q195 Steel
Ø16mm



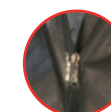
Reflective Mylar
M210D



Opening 270°
Full plant access



Water tray
Strong & Removable



100% Lightproof
Double-flap zip

HYDRO SHOOT LARGE HS120 | 05839 | HS150 | 38824 | HS240 | 38825 | HS240 W | 36091 | HS300 | 38826

HS300 W | 38829 | HS480 W | 38830 | HS600 W | 38833

**ESSENTIAL
SPARE PARTS ARE AVAILABLE FOR ALL SECRET JARDIN TENTS**



| | |
|----------|--------|
| T16-40 | 360mm |
| T16-60 | 560mm |
| T16-80 | 760mm |
| T16-90 | 860mm |
| T16-100 | 960mm |
| T16-120 | 1160mm |
| T16-LINK | LINK |

POLES
Ø16MM



CORNER 3 AXES
C16-Y



| | |
|----------|--------|
| T19-60 | 554mm |
| T19-75 | 726mm |
| T19-90 | 826mm |
| T19-100 | 975mm |
| T19-120 | 1152mm |
| T19-LINK | LINK |

POLES
Ø19MM



CORNER 3 AXES
C19-Y



| | |
|----------|--------|
| T25-60 | 600mm |
| T25-75 | 717mm |
| T25-100 | 967mm |
| T25-120 | 1134mm |
| T25-LINK | LINK |

POLES
Ø25MM



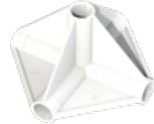
CORNER 3 AXES
C25-Y



CORNER 3 AXES
C16-T



CORNER 4 AXES
C16-K



CORNER 5 AXES
C16-XI



CORNER 4 AXES
C19-K



CORNER 5 AXES
C19-XI



HANDLING CORNER
C19-H



CORNER 3 AXES
C25-T



CORNER 4 AXES
C25-K



CORNER 5 AXES
C25-XI



HANDLING CORNER
C16-H



SPACE BOOSTER
C16-SB



RUBBER FEET
C16-RF



SPACE BOOSTER
C19-SB



RUBBER FEET
C19-RF



HANDLING CORNER
C25-H



SPACE BOOSTER
C25-SB



RUBBER FEET
C25-RF



SECRET JARDIN

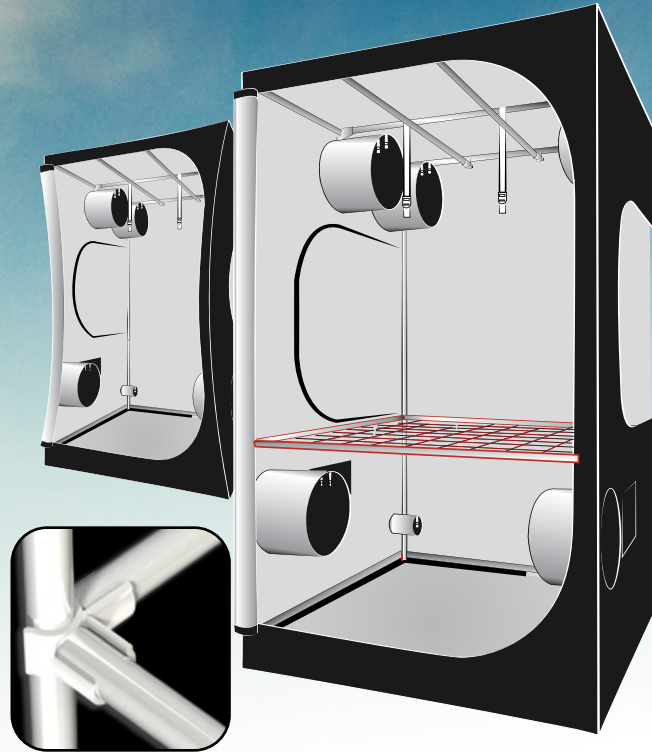
PATCHIT

repair

With the PATCHIT, you can change the location of your Ducting Flange as many times as you like, patching the holes that are created.

It has a Mylar and a fabric layer, both self-adhesive, and can be used to permanently repair tears and snags in your tent.

- PATCHIT7** **Ø110mm MYLAR/FABRIC (CF7D)**
- PATCHIT16** **Ø220mm MYLAR/FABRIC (DF16)**
- PATCHIT25** **Ø350mm MYLAR/FABRIC (DF25)**



SECRET JARDIN

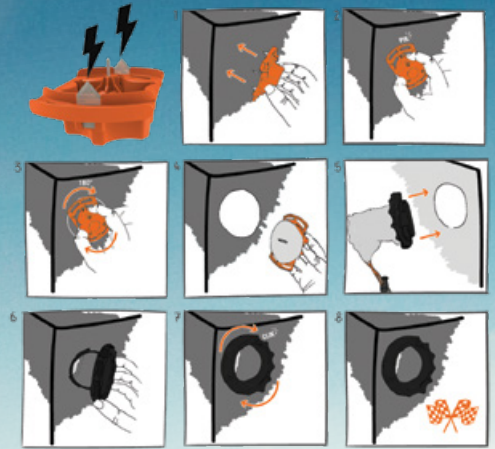
SPACEBOOSTER

prevention

With the Space Booster Kit you can prevent the tent walls of your Secret Jardin Room from bulging inwards due to the negative pressure of the exhaust system.

If you place the poles correctly, you can gain up to 25% more growing space for your indoor grow.

Thanks to the practical plug-in system, the poles can be mounted in a few simple steps and can also be easily moved in position at any time.



SECRET JARDIN

CABLE FLANGE KIT

For poles Ø16-19mm & Ø25mm

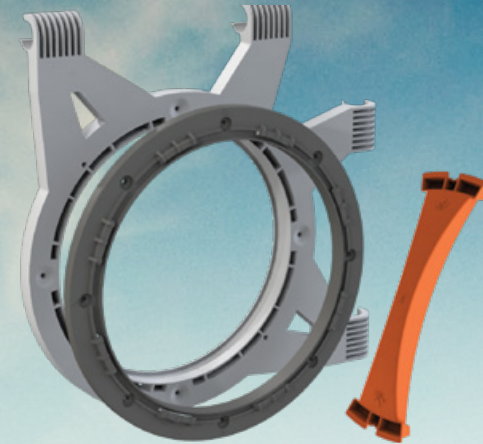
Make your grow tent more flexible. The Ducting Flange Kit allows you to create vents anywhere on your tent and simplifies your configuration.

With their 100% airtight design, you can easily connect filters, ducts and extractors.

When used with the Light Baffle, the Ducting Flange Kit is also a completely light-proof air intake.



DF16 CONNECTOR Ø100-150mm
& LIGHT BAFFLE



DF25 CONNECTOR Ø150-200-250mm
& LIGHT BAFFLE



LIGHT BAFFLE WITH MESH
DF16 & DF25



Easy to install
ON POLES OR
TENT FABRIC



Can be plugged up
PATCHIT 16 & 25
(SPARE PARTS)

SECRET JARDIN

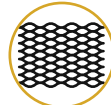
DUCTING FLANGE KIT

For poles Ø16-19mm & Ø25mm

Make your grow tent more flexible. The Ducting Flange Kit allows you to create vents anywhere on your tent and simplifies your configuration. With their 100% airtight design, you can easily connect filters, ducts and extractors. When used with the Light Baffle, the Ducting Flange Kit is also a completely light-proof air intake.



Block light,
not air



Micro mesh
pre-filters



DUCTING FLANGE KIT 16-19mm

38841 | 25mm | 38846



SECRET JARDIN

MOBILE DUCTING FLANGE KIT

Create a 315-mm hole

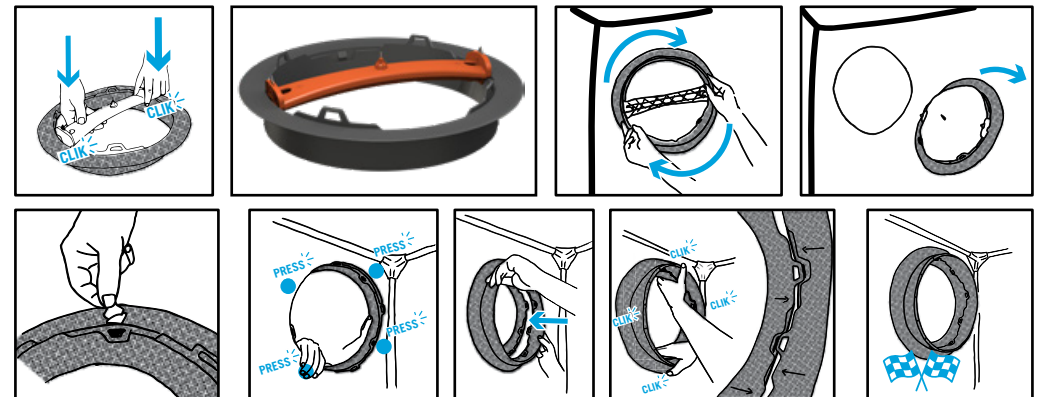
The Mobile Ducting Flange Kit allows you to install a 315mm rigid flange wherever you want on a flexible wall. With the cutting tool provided, you can easily position the product and cut through any material up to 2.5mm thick.



Choose your
placement



Through any
flexible wall



MOBILE DUCTING FLANGE KIT

CALL





GORILLABOX
affordable quality

Available in a variety of sizes to accommodate different situations. Standard grow tents are available for customers looking to grow a few plants, while deluxe ones are for those growing a full garden throughout the year.

A matched ventilation system will provide temperature control and increased air circulation within the space.

The light proof construction allows for a controlled day night light cycle for your chosen indoor lighting system without it being effected by outside light.

The grow rooms are constructed of high quality, heavy duty 210D and 600D Mylar fabric. Incorporating high quality, heavy duty zips.

The frame is a sturdy 16mm or 25mm diameter 1.0mm thick coated metal construction with welded metal corners and click lock joints.

| CODE | PRODUCT | L | W | H | LINING |
|-------|---------------|-----|-----|-----|--------|
| 04961 | STANDARD TENT | 60 | 60 | 140 | SILVER |
| 04962 | STANDARD TENT | 80 | 80 | 160 | SILVER |
| 04963 | STANDARD TENT | 100 | 100 | 200 | SILVER |
| 04964 | STANDARD TENT | 120 | 120 | 200 | SILVER |
| 04966 | STANDARD TENT | 120 | 240 | 200 | SILVER |
| 04965 | STANDARD TENT | 150 | 150 | 200 | SILVER |
| 05925 | STANDARD TENT | 200 | 100 | 200 | SILVER |
| 04968 | DELUXE TENT | 200 | 200 | 200 | SILVER |

| CODE | PRODUCT | L | W | H | LINING |
|-------|------------------|-----|-----|-----|--------|
| 38955 | DELUXE TENT TALL | 200 | 200 | 220 | SILVER |
| 04969 | DELUXE TENT | 240 | 240 | 200 | SILVER |
| 38966 | DELUXE TENT TALL | 240 | 240 | 220 | SILVER |
| 04967 | DELUXE TENT | 300 | 150 | 200 | SILVER |
| 04970 | DELUXE TENT | 300 | 200 | 200 | SILVER |
| 38961 | DELUXE TENT TALL | 300 | 200 | 220 | SILVER |
| 04971 | DELUXE TENT | 300 | 300 | 200 | SILVER |
| 38964 | DELUXE TENT TALL | 300 | 300 | 220 | SILVER |

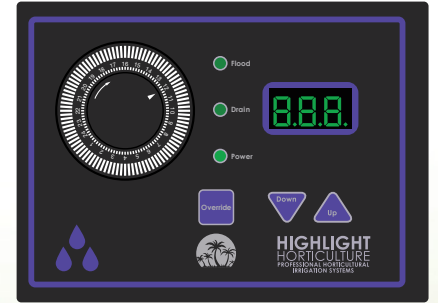
| CODE | PRODUCT | L | W | H | LINING |
|-------|-------------|-----|-----|-----|--------|
| 05926 | DELUXE TENT | 400 | 200 | 200 | SILVER |
| 05258 | DELUXE TENT | 600 | 300 | 220 | SILVER |
| 05259 | DELUXE TENT | 600 | 300 | 220 | SILVER |
| 37029 | DELUXE TENT | 800 | 400 | 220 | SILVER |
| 05927 | ROOF TENT | 120 | 120 | 180 | SILVER |
| 05928 | ROOF TENT | 150 | 150 | 180 | SILVER |
| 05929 | ROOF TENT | 240 | 120 | 180 | SILVER |

Dimension - cm





139
GROW SYSTEMS



Multiflow Digital Controller

MULTIFLOW SYSTEM V3R

minimum effort, maximum yield

The V3R Multiflow takes the best parts of a V1 (easy to set up with an analogue timer) and seamlessly combines them with the enhanced facilities of the V2R Digital Controller. Incorporating multi-adjustable flood times, the ability to miss days, big-bore pipe work for faster flood and drain times, and a remote timer for ease of operation. This means that the V3R is a hybrid analogue/digital system that is super easy to use while being the most advanced flood and drain controller around. Class-leading technology from Highlight Horticulture!

V3R Integration with other systems

The V3R can be used as a deep water culture controller to ensure that all pots in a DWC or bubble pot system are kept topped up correctly at all times. It can also drain the nutrient solution back to a tank, where adjustments can be made, and then re-flood the pots to ensure that they all have a similar pH/Cf content.

The V3R can be used as a high-pressure drip irrigation controller. Want to run a multiflow as a drip irrigation system? Our updated relays can control large high-pressure pumps (up to 1000W). Try that on any other system!

The V3R can be used as an aqua farm/water farm controller to ensure that all such farms are kept topped up at all times. It can also drain the nutrient solution back to a tank, where adjustments can be made, and then re-flood the pots to ensure that they all have a similar pH/Cf content.

BASIC SET-UP: super quick, super easy

Set the time of day on the Grasslin analogue timer, push a peg out to indicate when you want a flood cycle to occur and press the up or down button to say how long you want the flood cycle to last.

ADVANCED SET-UP: Dynamic Learning Mode

Not sure how long to set your flood times to ensure your system is filled completely? Too short and some plants aren't being properly fed; too long and plants are sitting in deep water unnecessarily. Neither scenario provides an optimal root environment.

Let the V3R take charge! Simply select Dynamic Learning Mode (by simultaneously pressing a couple of buttons), and the V3 Multiflow will learn how long it takes to be completely filled, automatically set the length of time it takes and store it in its memory! Then, all it takes is for you set how many floods per day by pushing out a peg on the Grasslin timer and you have multiflow perfection!

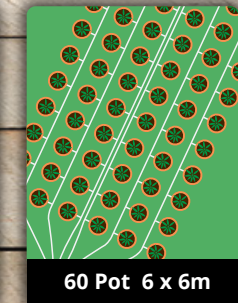
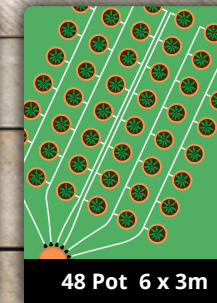
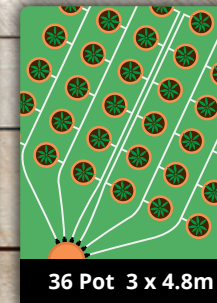
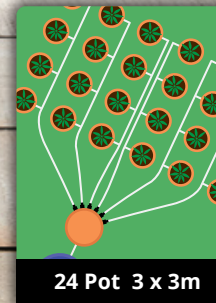
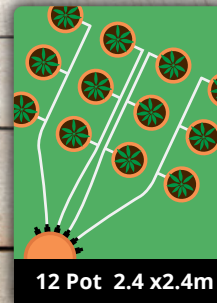
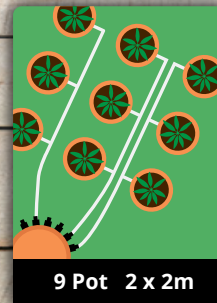
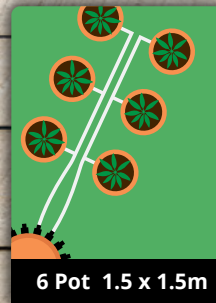
ADVANCED SET-UP PLUS: class-leading flexibility

The V3R has the ability to skip days while remembering what time of day you want to fill the system and for how long.

So, if you like to use a coco- or soil-based growing medium but find it too wet to be flooded on a daily basis (or when plants are small), select Day Mode (by pressing a couple of buttons) and tell the unit to feed every one, two, three or more days to ensure that your favourite mixture is correctly irrigated. Then, switch back to filling the pots each day when your plants are ready for it.

Multiflow System Accessories

We offer a comprehensive range of replacement parts and accessories for the Multiflow V3R.



CALL OR LOGIN TO THE PORTAL FOR SYSTEM VARIATIONS



**AUTOPOT
1POT SYSTEMS**

The 1Pot module is the number one best seller for AutoPot in the UK and performs extremely well in both the national and international horticultural markets.

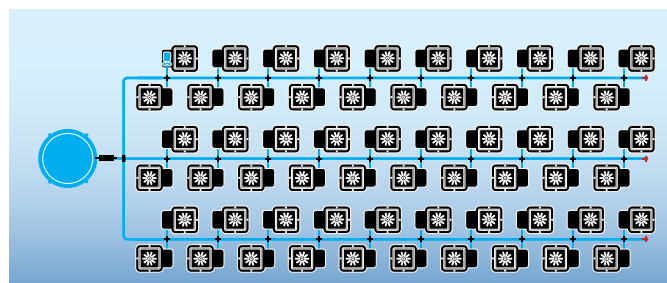
Whatever medium you choose, the 1Pot System enables gardeners and growers of all abilities to achieve incredible yields from their plants.

The 1Pot System is easily extended, and many 15L pots can be linked to a single reservoir.

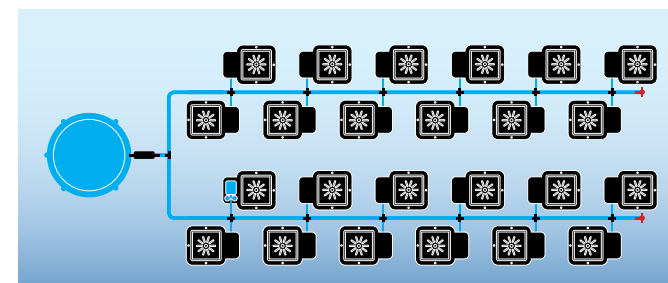
The pots and trays are modular and can be easily spaced apart as plants grow. Once assembled, the reservoir is filled with water and liquid fertiliser (if required). The system will completely take care of all your plants' feeding requirements, providing them with fresh, balanced feed throughout their entire life cycle.

This versatile system can be used in the home, greenhouse or polytunnel garden to feed and water your plants and offers an easy and efficient watering system for all manner of crops, whether edible or ornamental.

1Pot Systems are available in a range of size layouts. The system does not stop at 100 pots – it will just keep extending.



Complete 60 Pot System with 750L FlexiTank



Complete 24 Pot System with 400L FlexiTank

CALL OR LOGIN TO THE PORTAL FOR SYSTEM VARIATIONS



**AUTOPOT
EASY2GROW**

The easy2grow system is AutoPot's best-selling watering system worldwide.

Whether using the easy2grow Starter Kit in a garden or multiple easy2grow Extension Kits on a vast commercial scale, this system provides fresh, balanced feed to your plants throughout their entire life cycle.

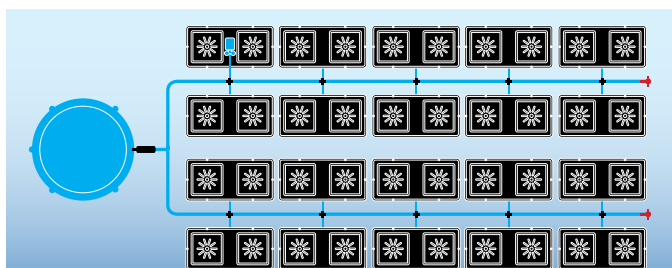
The 8.5L pots and modular 2Pot trays can be used to grow a wide variety of crops and are ideally suited to either short, bushy varieties (such as herbs or strawberries) or tall vine plants. Multiple kits can be placed end to end in a garden, greenhouse or polytunnel.

The easy2grow system can be used with a wide range of growing substrates either traditionally (with soil) or hydroponically.

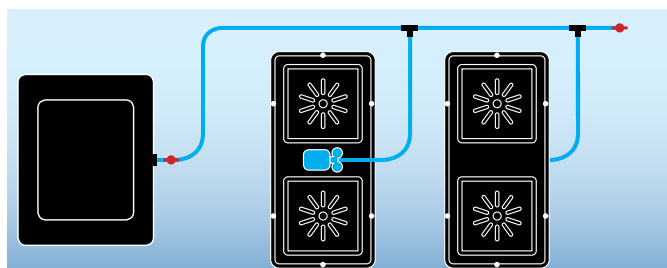
Low-maintenance, reliable and automated, the easy2grow system allows gardeners to relax, go away on holiday and still grow healthy plants and bumper harvests.

Maintenance-free growing.

CALL OR LOGIN TO THE PORTAL FOR SYSTEM VARIATIONS



Complete easy2grow 40 Pot System with 400L FlexiTank



Complete easy2grow 4 Pot System with 47L tank





**AUTOPOT
1POT XL**

Developed by AutoPot to meet the demands of the ambitious gardener and featuring a massive 25L growing capacity, the 1Pot XL is perfect for growers looking to cultivate big plants and achieve even bigger yields.

This original design has a clam-shaped tray that accommodates the large-volume 25L XL pot.

The round-based pot enables growers to easily rotate a big plant while the pot is still in the tray.

Ideal for large-specimen plants, such as blueberry bushes or Japanese maples, the 1Pot XL can be used as a single-unit system or linked to larger reservoirs to create huge systems of any size or configuration.

The 1Pot XL is supplied with all necessary connections and an AQUAvalve that controls the water supply to each and every plant in the system, delivering fresh, balanced feed throughout the plants' entire life cycle.



**AUTOPOT
1POT XL FLEXIPOT**

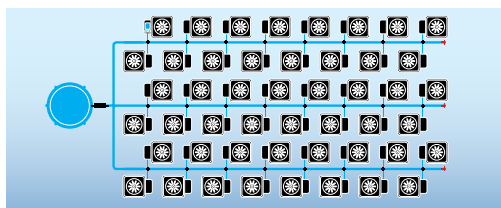
AutoPot XL FlexiPots take the immense capacity and versatility of the 1Pot XL and incorporate the original, market-leading FlexiPot. All of our 1Pot XL systems are now available with 20L fabric FlexiPots at no extra cost. Among the range of fabric pots on the market, FlexiPots are exceptional for their use of BPA-free, lead-free material, with no off-gassing or leaching guaranteed.

The construction of FlexiPots is such that they provide a uniquely rigid base for the fabric pot that keeps your plants upright. For retailers and customers alike, FlexiPot systems also offer huge savings in shipping, stocking and storage space.

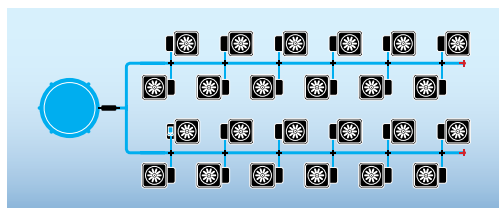
Bigger – FlexiPot's porous fabric sides allow for air pruning, which effectively eliminates root circling, giving you bigger plants from smaller pots.

Faster – the increased oxygen exchange in the substrate via the porous fabric walls supercharges growth.

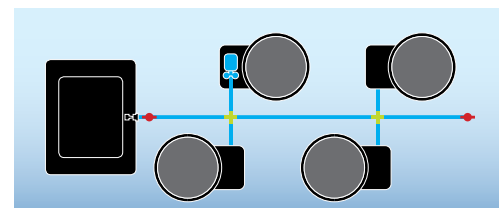
Smarter – air pruning cultivates a vastly increased number of secondary feeder roots,



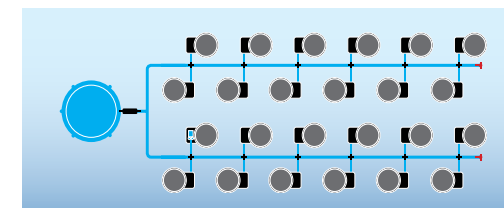
48Pot XL System with 400L FlexiTank



24Pot XL System with 400L FlexiTank



FlexiPot 4 System with 47L tank



24Pot XL System with 400L FlexiTank

CALL OR LOGIN TO THE PORTAL FOR SYSTEM VARIATIONS

CALL OR LOGIN TO THE PORTAL FOR SYSTEM VARIATIONS

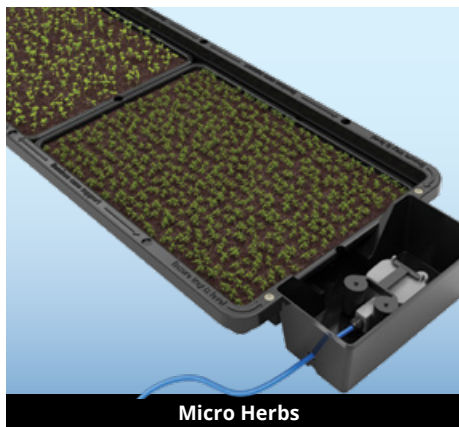
**AUTOPOT
TRAY2GROW**

Tray2Grow is the completely automated, completely power-free system that offers you five ways to feed and water your plants. Seed trays, small pots, grow bags, micro herbs, and planters, can each be accommodated, making this the most versatile product in the AutoPot range and one of the most versatile irrigation systems period.

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 capacious 107.5L / 23.5 gal framed fabric planter.

Three guide holes on each side of the tray are provided for garden canes if you're trellising plants and there are three inset spirit levels to help you ensure everything is 100% horizontal.



NEW



TRAY2GROW INCLUDES:

- | | |
|--------------------------|-------------------------------|
| 1x tray2grow tray & lid | 1x root control sheet |
| 1x Aquavalve5 | 4x seed trays |
| 2x 9mm grommet | 1x slug repellent copper tape |
| 1x 9mm golf filter | 1m of 9mm pipe |
| 1x 6mm overflow grommet | 16-9mm click-fit filter |
| 3x circular spirit level | 1115mm x 410mm x 95mm |
| 10x capillary spikes | |
| 1x capillary matting | |



AUTOPOT TRAY SYSTEMS

Maximise your growing space with the AutoPot Tray Systems. These innovative and efficient irrigation solutions were developed with our commercial partners and are now available to the public.

Our development partners wanted to pull as much profit per square metre as possible. Our Tray Systems allow you to achieve this with the capacity to irrigate multiple pots in a single tray and lid assembly, all fed by a single AQUAvalve.

The AutoPot Tray Systems run on exactly the same AQUAvalve-driven technology as our other systems. You are still growing power-free, with not a drop of water wasted. But the Tray Systems can cut your overheads even further. The reduction in components as opposed to multiple individual pots and trays (each with their own valve and line) means a fraction of the maintenance duties.

AUTO3 XL FLEXIPOT/XL INCLUDES:

- 1x Auto3 XL tray/lid
- 1x round blue access cover
- 1x AQUAvalve5 & cover
- 1x 9mm top hat grommet
- 1m length of 9mm piping
- 3x 25L solid pot
- 3x Root Control Disc

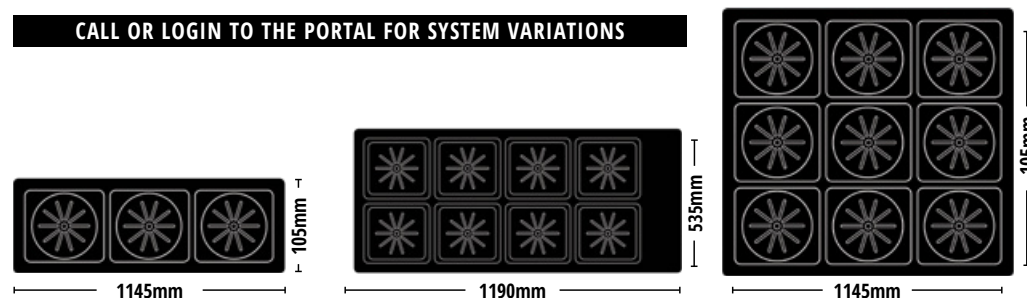
AUTO8 8.5/15L INCLUDES:

- 1x Auto8 tray, lid & access cover.
- 1x AQUAvalve5 & cover
- 1x 9mm top hat grommet
- 1m length of 9mm piping
- 8x 8.5/15L solid pot
- 8x PotSock Square
- 8x Marix Disc Square

AUTO9 XL FLEXIPOT INCLUDES:

- 1x Auto 9 XL tray, lid & access cover
- 1x AQUAvalve5 & cover
- 1x 9mm top hat grommet
- 1m length of 9mm piping
- 9x 25L XL solid pot
- 9x Root Control Disc

CALL OR LOGIN TO THE PORTAL FOR SYSTEM VARIATIONS



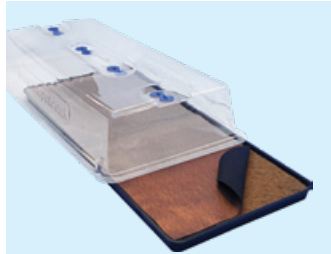
Auto3 XL/XL FlexiPot



Auto8 8.5/15L FlexiPot



Auto9 XL/XL FlexiPot



easy2Propagate



Extension



Complete

AUTOPOT EASY2PROPAGATE COMPLETE KIT

The easy2Propagate Complete Kit is a complete plant production facility. Everything you require to start cultivating on a grand scale is included. The kit compliments the growing potential of the easy2Propagate system with proven ultra efficient and low-maintenance AutoPot watering systems.

A cavernous 200mm lid height offers your plants more headroom than any other single-piece propagator lid available, giving you a greater choice as to when you transplant. Four large, fully adjustable vents allow growers unparalleled scope to fine-tune an environment in which young plants can thrive.

The easy2Propagate Complete Kit ties together the proven growing technology of the AutoPot range. Fitted with four 9-mm piping ports, it is designed to accommodate an AQUAvalve for easy integration with low-maintenance AutoPot watering systems.

AUTOPOT AQUABOX SPYDER

The AQUAbox Spyder offers a revolutionary self-watering solution for grow-your-own enthusiasts. No mains water supplies, pumps or timers are required. Simply connect to an existing water barrel to automatically water a 1.2m² area.

Positioned directly in the ground, the AQUAbox Spyder is ideal for watering conventional beds or the increasingly popular raised beds. A series of capillary wicks fan out from the AQUAbox Spyder, distributing water underneath the soil across an area of up to 1.2m².

With the AQUAvalve at its core, the AQUAbox Spyder draws on the water supply (water barrel or tank) as required by the plants, ensuring fantastically efficient use of water. The roots of the plants instinctively head towards the water source, attaching themselves to the capillary wicks below the soil level. The capillary wicks should be changed every growing season.

Extension kits (link to AQUAbox Spyder Extension) are available to allow you to connect multiple units to a single water barrel.

The kit is supplied with 2m of 9mm pipe and a reducing connector with an integral filter, allowing for simple connection to a water barrel tap via a section of standard garden hosepipe (not supplied).

A spirit level in the lid of the AQUAbox Spyder ensures that the AQUAbox is level once positioned in the ground.



COJUS.WWW



**AUTOPOT
EASY2GO KIT**

the ultimate holiday watering kit
easy2GO can be installed anywhere in the home, greenhouse, conservatory or patio and multiple kits can be linked together to keep larger volumes of plants watered while you're away.

This inexpensive, flexible system can be assembled in minutes and contains all fittings required to connect to a reservoir of your choice. You simply need a water container with a minimum 30 litre capacity and a flat based gardening tray with a minimum depth of 30mm.

EASY2GO | 04759

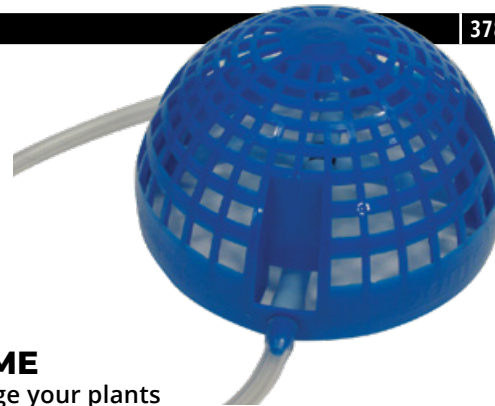


**AUTOPOT
AQUAVALVES**
a 66% bigger inlet

A replacement AQUAvalve Main Body. The AQUAvalve is easily disassembled.

In order to replace the Main Body simply unclip the bottom float from its pivoting position to remove. Raise top float to a vertical position and slide the all the way across to remove.

AQUAVALVES | 37858



**AUTOPOT
AIRDOME**
supercharge your plants

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.

AIRDOME | 02289



**AUTOPOT
AQUAPLATE**
increase phosphorus uptake

The AQUAplate kit contains all you need to adapt your existing AutoPot system for hydroponic growing.

Assembled in minutes the AQUAplate simply drops into an AutoPot tray. This seamless integration saves time, expense and allows you to grow in our proven irrigation system.

| | | | |
|-------------------------|--------------|------------------------|--------------|
| AQUAPLATE SQUARE | 40010 | AQUAPLATE ROUND | 40010 |
| BLUE FOAM DISC | 40022 | NEOPRENE COLLAR | 40010 |
| MESH POT | 40024 | | |



**AUTOPOT
COCOMAT**
propagation assistance

A CocoMat measuring 58cm x 51cm x 3cm made from coco fibres. CocoMat holds all the moisture required. Fill your tray just once and CocoMat will water the plants for up to ten days. The CocoMat controls watering by holding and gradually wicking the water to the plants via capillary action.

COCOMAT | 40011





**TERRA AQUATICA
CULTIMATE**

the original recirculating hydroponic system

Literally the first home hydroponics unit on the market: much upgraded, often copied, but still never equalled.

Quick and easy to set up in any space from greenhouses to kitchens and balconies, CultiMates can be used to grow decorative and culinary plants of all sizes; from basil and other herbs to small trees.

CultiMates use air to draw nutrient solution up from the reservoir, before dripping it back down through clay pebble substrate. This simple, reliable design is incredibly effective at delivering perfectly oxygenated nutrient

solution to plants - exactly what's needed for optimal growth and flowering.

CultiMates' two-part construction offers easy reservoir and root access, which can be difficult or impossible in many systems, and Terra Aquatica are so confident in the quality

of their recycled plastics that they offer a lifetime guarantee on the main components of the CultiMate (and all TA systems). Available in two sizes, S and L. Roto-moulded in France from tough recycled plastic.

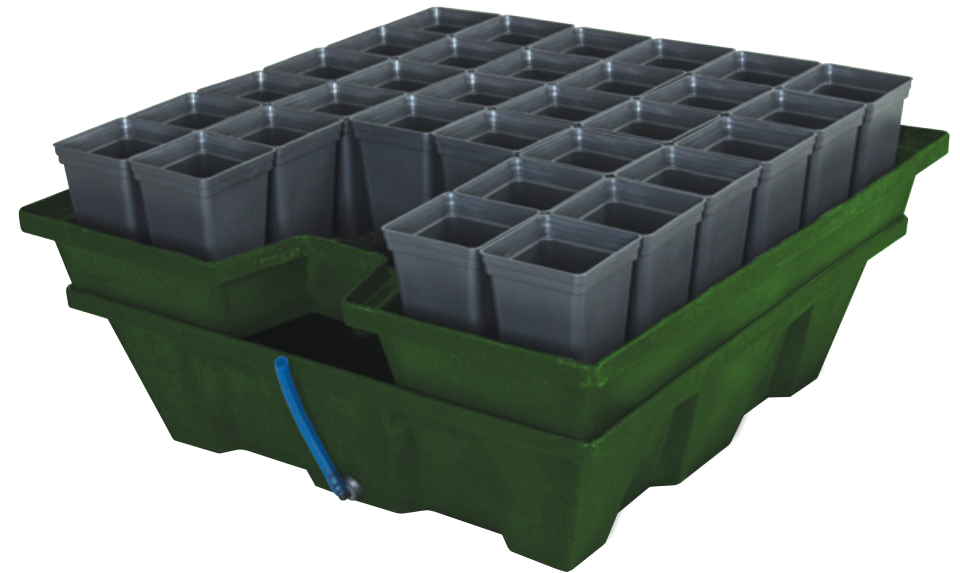


**TERRA AQUATICA
ACS CONTROLLER**
air driven circulation

The CultiMate® Controller works with almost any recirculating modular hydroponic system delivering full nutrient solution re-circulation in under 30 minutes, without complex electronics and pumping systems.

The key to the system's efficiency is our revolutionary T-Piece design which forces solution to recirculate through each module, as opposed to mostly flowing past with limited exchange as happens with a normal t-connector.

The circulation is provided in the most elegant way by a small air pump that circulates the solution between each pot. This, plus the simplicity and reliability of the controller design make the Terra Aquatica CultiMate® Controller the best choice for always on, recirculating modular hydroponic control.



TERRA AQUATICA
EBB & GROW

the easiest way to discover hydroponic growing

Perfect for balconies, small gardens and indoor use, the Ebb&Grow® lets you grow plants in pots, but with the added advantages of hydroponics.

Produce more, more easily, without wires, tubes and complicated systems. Want to grow hydroponic herbs and vegetables at home, work or school, but put off by the complexity of the systems? The Ebb&Grow® means you can use any pot you like, almost any substrate (although we recommend Coco Fiber with Perlite), and move plants around at will. Herbs in the front and tomatoes and chillies in the back? No problem. All salads this month and cut flowers from pots next? No problem. All our hydroponics systems are flexible, but the Ebb&Grow® really is the most adaptable system we have ever made, and with no risk of leakage or overflow, easy disassembly and cleaning, it can be used anywhere that space is available.

The Terra Aquatica Ebb&Grow® is an “ebb and flood” design : a simple timer (not included) runs a pump intermittently to bring nutrient solution up to the growing table, where it flushes spent air from the roots of your plants, waters and feeds them, then pulls fresh air in as the water drains back down to the reservoir.

The system can hold up to thirty-two 15 cm plastic pots, twenty-two 1 gallon (3.75L) fabric pots, or as many larger pots as you can fit on its 88 cm square growing surface, and with a height of just 38 cm low ceilings are not a problem.

Made from the same ultra-durable, UV blocking, 100% recycled plastic, as with all Terra Aquatica manufactured systems, the moulded plastic parts of the Ebb&Grow® are guaranteed for life* – unique in the hydroponics industry.

There is also a solar powered version available.





TERRA AQUATICA
GROWSTREAM
ultra efficient, modular hydroponic system

Based on the same technology as our AeroFlo system and featuring a series of improvements that make the system more user friendly without compromising on quality, this is probably the most efficient hydro system on the market. The new system has a detachable cover and rounded angles for easy cleaning, a double wall both for the channel and the cover for better insulation, and the irrigation line is inside the chamber to avoid any leaks.

The size is slightly larger compared to the AeroFlo system to create more space for roots and enable a higher water capacity, which makes it adapted for large plants. The result is a versatile system in which you can choose to grow small or big plants. It is the only hydroponic system on the market adapted to growing large plants and not only lettuces or herbs.

Ranging from 10 to 120 plants per unit, and with unlimited number of units available, GrowStream® systems are truly the most flexible way to produce plants hydroponically. Working on the principle of distributing oxygenated water optimally along the length of the unit, the GrowStream® concept offers the advantages of what has become known as “Aeroponics”, without the downsides of water heating, and extreme susceptibility to pH fluctuations.

GrowStream® systems run from one simple water pump in the reservoir which lifts water to the growth tube, where it is injected at carefully calculated intervals. The nutrient solution then falls back down the downpipe, perfectly oxygenating the nutrient reservoir as it does so, no complex controllers, or multiple air pumps – GrowStream® Systems are incredibly easy to set up and run so you can focus on plant management, not system maintenance.

These advantages, including the incredible performance of plants in the system, are why the GrowStream® is our best-selling commercial system worldwide, and the system of choice of our commercial partners, Les Sources, Aeromates, Hydroleb, and more.



GREEN MAN SYSTEM

nature tamed

The Green Man System is a unique and versatile combination growing system.

This product can be a single-pot or a multi-pot growing system. Whichever way you choose to use it, the process is so easy that the plants seem to grow themselves.

The overall benefits include a huge reservoir tank with a 40L root growing capacity, which means your pot will never become root bound. The roots will always be able to breathe, even on a 7ft plant.

The Green Man System is a combination system, combining deep water culture, an aeration dripper and a flood and drain system, maximising each unique characteristic of each growing method into one complete super-system.

Not only is the Green Man System the perfect growing method for your plants, but it's also the only system on the market that uses air to move the water through the pumping column while simultaneously oxygenating each individual pot, making it easier to use, with less fuss, fewer wires and less electricity.

The Green Man System can be pared back to simply function as a large-capacity flood and drain system. Using the unique Green Man tray insert, you can fill up your pots with a 60/40 mix of coco and pebbles, LIGHT-MIX and pebbles, or ALL-MIX and pebbles.

Whichever way you choose to grow, the Green Man System is proven to deliver results - big results. More Power To You!

The newly designed Green Man Systems, both the Combi and Flood & Drain, now come with 19mmØ fittings and pipework. This makes the whole Green Man System smoother and much more efficient. It feeds your plants faster, drains quicker than ever before and prevents the blockages and build up that can happen with a standard 13mm pipeline.

The new 19mm pot fixture keeps your Green Man System more stable than ever, making it much more durable.



Combi System

The Combi System works by feeding from both the top and the bottom using an oxygenating dripper ring that pulls more oxygen into the nutrient solution as it is pumped up through the pumping column.

It feeds the roots from its huge-capacity reservoir below, oxygenated using a 4" airstone in each pot.

The system runs on air power from a central air pump, limiting the amount of electricity used in your grow room while keeping noise levels at a minimum.

Each pot has a sloping, raised base that drains each pot entirely of all nutrients. They drain back to the central reservoir, where the system mixes up all of the nutrients, letting you keep complete control of your nutrient levels with exact accuracy and no build-up while keeping your nutrient temperature stable.

Flood & Drain

The Flood & Drain takes all the benefits of the Green Man Combi System and makes it even easier to achieve impressive results. Using the substrate tray at the bottom of the pot, you can fill up the pot with soil, coco or a substrate mix of your choosing. This way, you can benefit from the incredible precision the Green Man System offers with all the stability of growing in organic inert media.

Growing this way tends to be more forgiving by keeping the roots insulated and feeding at regular intervals to ensure your plants are well nourished. The system works by flooding all the pots connected to your reservoir so that capillary action takes place, wherein the nutrient solution is held in the medium, waiting for your plants' roots to take it up. The nutrients are then drained, mixed and sent back out to the pots to repeat the process.

The Green Man System does all of this for you; it is fully automated and programmable. It's never been easier to grow massive crops with full and fruitful yields.



VEGEPOD

container gardening

An easy-to-manage contained raised gardening bed is perfect for the home. Control your growth and veggie quality in a separate environment, away from the ground - and away from pests.

Veggie health is ensured with our self-watering technology, which uses a wicking system and waters the plants from below. Plants can last weeks without watering in our VegePods.

VegePod creates a greenhouse in your backyard using a polyethylene-knitted mesh to protect crops from UV and pests. The cover also helps manage the temperature by allowing water and air to penetrate.

Easy growing all year round

Keeps pests and wildlife out and minimises weather damage

All-season commercial-grade VegeCover canopy included

Self-watering wicking bed system and a built-in irrigation system with two misting sprays



SMALL RAISED GARDEN BED

Size - (W)50 x (L)100 x (H)103cm

Growing Depth - 26cm

Soil Required - 2 (60l) bags

| | | | |
|--------------------|-------|-------------------|-------|
| SMALL | 39033 | INC TROLLEY STAND | 39044 |
| TROLLEY STAND ONLY | | 39036 | |

MEDIUM RAISED GARDEN BED

Size - (W)100 x (L)100 x (H)103cm

Growing Depth - 26cm

Soil Required - 4 (60l) bags

| | | | |
|--------------------|-------|-------------------|-------|
| MEDIUM | 39034 | INC TROLLEY STAND | 39042 |
| TROLLEY STAND ONLY | | 39037 | |

LARGE RAISED GARDEN BED

Size - (W)200 x (L)100 x (H)103cm

Growing Depth - 26cm

Soil Required - 8 (60l) bags

| | | | |
|--------------------|-------|-------------------|-------|
| LARGE | 39035 | INC TROLLEY STAND | 39041 |
| TROLLEY STAND ONLY | | 39038 | |



VEGEBAG
container gardening

VegePod's signature self-watering reservoirs have been customised for the VegeBag.

Holding 6L of water, the unique wicking cell reduces watering by up to 80%.

Vegetables are watered from their roots up, with the soil nutrients sucked up into the root system rather than washed from the bag as with most traditional pots.

VegePod's signature mesh encases the VegeBag, thus providing amazing growth rates as well as protecting plants against wildlife, pets, pests, bugs and inclement weather.

Simply pop the bag open and place the wicking cell at the bottom of the VegeBag; then, fill the bottom section with a good-quality compost (80L) and plant your veg. Make sure your VegeBag has adequate sunlight and is watered in the absence of rain.

Great for all herbs, leafy greens and root vegetables

Ideal when containment growing is desired

Rubber handles for easy movement

Hard plastic base for durability, with drainage holes to prevent flooding

Significant soil levels for root vegetables.

Collapsible design for easy access and storage

Double-zippered opening for easy access to your plants



MEGAPOT

AN INTELLIGENT SOLUTION TO ENABLE GROWERS TO PRODUCE BETTER RESULTS.

MEGAPot™ is a revolutionary hydroponics system, produced in the UK. Utilising gravity to water soil, coco or any type of medium to enhance your yields.

MEGAPot™ gives you bigger crops. There are no water pumps or plug sockets required. Our hydroponics system does not use soil, instead the root system is supported using an inert medium such as coco, perlite, rockwool, clay pellets, peat moss, and vermiculite.

Designed specifically with the hydroponic grower in mind, MEGAPot allows you to gain MEGA yields, bigger than you've ever seen. The basic premise behind hydroponics is to allow the plant roots to get in direct contact with the nutrient solution, while also giving great access to oxygen, known to be essential for proper growth.

The system is made up of 500mm diameter base to fit 56L fabric pots, ½" white reflective pipe with black inner core to reduce temperatures and stop light penetration, MegaValve with a massive 10mm inlet hole to prevent any blockages, 10mm raised base with channels specifically designed gripair curtains, it's scalable from a single pot to 100's of modules, has a circular design that allows for the plant to be turned, tapered side walls allow for complete root pruning and it's simply the best hydroponics system on the market.



**Gravity fed no electricity needed!
500mm diameter base to fit 56L fabric pots!**

½" White reflective pipe with black inner core to reduce temperatures and stop light penetration!

Mega-Valve with a massive 10mm inlet hole to prevent any blockages!

10mm raised base with channels specifically designed gripair curtains!

Allows nutrients to be oxygenated at all times and gives the plant a boost!

Scalable from a single pot to 100's of modules!

Circular design allows for the plant to be turned!

Tapered side walls allow for complete root pruning!

CALL OR LOGIN TO THE PORTAL FOR ALL AVAILABLE FOR DETAILS AND SYSTEM INFORMATION



MULTI-POT 4 POT SYSTEM

4 pot 16 litres gravity fed system made for growers who like shorter plant cycle lengths. The Multi-Pot is an easy to use gravity fed system that uses just 1 valve to feed 4 plants.

Easy to set up! - only 1 valve

Perfect layout for 4 x 16L pots

Pots are raised just 10mm off the ground for maximum headroom

Can be modular for larger spaces

Can be used with air curtains

Contains:

1 x 80cm x 80cm multi-pot tray

4 x 16 litre root pouches

1 x mega valve

1 x hose tail

4x 16 litre pots for growers who like shorter plant cycle lengths

Measuring 80cm x 80cm the footprint is perfect for 4x 16 litre pots!

LINK MULTIPLE SYSTEMS



22/39L FABRIC POT

This fabric pot is ideal for those wanting a suitable and durable alternative to the conventional plastic pot.

A fabric pot promote the growth and development of root structures and mass due to the freedom of growth. The fabric is also useful for those who tend to overwater their plants as it allows for excellent drainage.

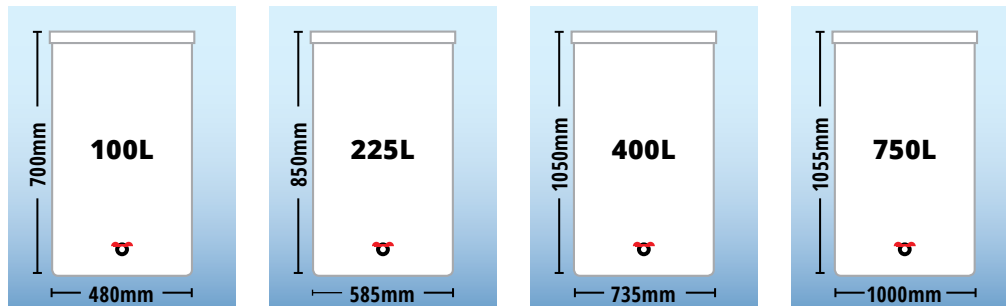


**AUTOPOT
FLEXITANK PRO**

The revolution refined: the FlexiTank Pro offers an even greater scope for growing with AutoPot watering systems in extreme climates.

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

The FlexiTank Pro's skin beautifully disguises an extremely rugged, fully collapsible design within. Concealed tank supports and internal capacity markings add neat edges to the proven ultra strong and ultra practical FlexiTank design.



FLEXITANK PRO 100L 05713 225L 05714 400L 05715 750L CALL

**AUTOPOT
FLEXITANK**

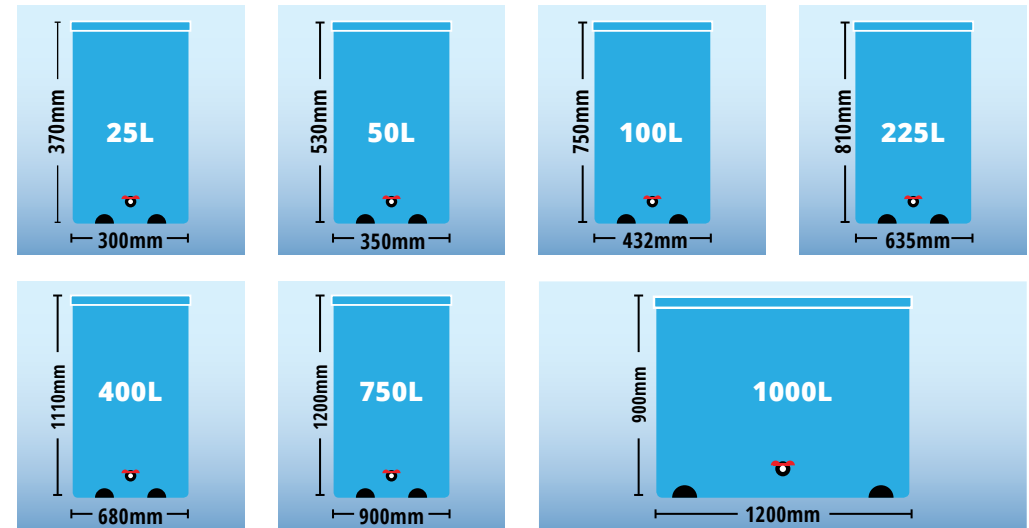
Struggling to fit a plastic reservoir into your car or home is now a thing of the past!

Available in a variety of sizes.

It revolutionises water storage for every gardener, whether on a domestic or commercial scale.

FlexiTanks reduce storage and shipping costs and take minutes to assemble with no tools required. Everything a gardener needs in one compact box.

It really couldn't be simpler.



FLEXITANK 25L 05920 50L 05930 100L 03003 225L 03004 400L 03005 750L 03006 1000L 05067

350L MAGNUM

01253

200L GARDEN LAKE

01254

SPACE SAVER 250L

05248

95L GARDEN LAKE

02385



CENTURY GROWSYSTEMS
BLOOMROOM
FLEXI TRAY

BLOOMROOM FLEXI TRAY

95X95cm 06126 115X115 06122 195X95 06123 235X115 06124 290X290 06125

SPACE SAVER 100L

01224

WATER BUTT STAND

03050



GRONEST CLASSIC POTS

breathe life

Gronest® classic fabric pots have a second layer called the “Aqua Breathe” layer, this is designed to provide additional benefits for plant growth and health.

The “Aqua Breathe” layer is designed to be less permeable than the outer fabric layer, which helps to regulate the water flow and prevent excessive moisture buildup around the roots.

Gronest® classic fabric pots a popular choice for hobby gardeners, who can use them to grow a wide range of plants, from vegetables and herbs to flowers and succulents.

With the right care and attention, fabric pots can help hobby gardeners create a beautiful and thriving garden in their home or outdoor space.

GRONEST GROW BAGS

breathe life

Gronest® grow bag is a low cost type of container used for growing plants, especially in horticultural and agricultural applications.

They are made of a permeable material, a type of non woven material, that allows for air and moisture to reach the roots of the plants.

Gronest® grow bags are commonly used for growing vegetables, herbs, flowers, and other plants in indoor and outdoor settings.

They come in a variety of sizes and shapes to accommodate different types of plants and growing systems, and are commonly used for container gardening, hydroponic systems, and commercial farming operations.

GRONEST TRANSPLANTER POTS

breathe life

A transplanter fabric pot with “Aqua Breathe” layer is a type of fabric pot that is designed specifically for transplanting plants.

Transplanter fabric pots are typically smaller in size than regular fabric pots, and are used to temporarily hold plants before they are permanently planted in the ground or larger fabric pots.

The velcro band allows for effortless and gentle planting of seedlings, preserving the integrity of their roots.

Gronest® transplanter fabric are commonly used by hobby gardeners and professional growers who want to ensure that their plants are well taken care of during the transplanting process, and that they are able to establish healthy root systems in their new environment.

GRONEST YBP BAGS

breathe life

Single-layer fabric pots are typically used for professional horticulture and agriculture applications, where high-quality, durable containers are required to grow a variety of crops.

These pots are designed to be long-lasting and able to withstand the harsh conditions often encountered in commercial growing operations.

Overall, single-layer fabric pots are a popular choice among professional growers due to their durability, versatility, and cost-effectiveness.

They are used for growing a wide range of crops, including vegetables, herbs, flowers, and other plants.



**GARDEN HIGHPRO
PROPOT WALL GEOTEXTILE POTS**

Very strong and reusable

Variety of plant pockets 4/8/12

Ideal for indoor and outdoor growing

Roots breath properly

Active fabric pots for indoor and outdoor growing, ideal for the creation of easy to maintain living walls

Made from high quality fabric, these wall pots have waterproof back and sides to prevent your roots from being oversaturated.

4 POCKET 37834 8 POCKET 37835 12 POCKET 37836



PROPOT ACTIVE FABRIC POTS

Strong and reusable

Square base to optimise the growing space

Ideal for indoor and outdoor growing

Roots breath properly

PROPOTS use 'air-pruning' to encourage a dense and fibrous radial root system. This effectively eliminates root circling around the sides of the pot and reduces the time it takes to develop a thick root system.

Increased performance over conventional pots.

4L 03116 7L 03117 11L 03118 15L 04858 20L 04859 30L 04860 50L 04861



FAB POTS

engineered for greatness

Fabpots promote faster plant development, as the engineered material allows the roots & root hairs to prune allowing more oxygen to flow through.

This then allows the plant to grow denser, due to the roots spreading in a way that fills up the whole Fabpot, in comparison to the spiral effect that you may see in your standard solid pots.

Fabpots have changed the game forever, and it's no secret that our pots are used by the best growers to produce outstanding yields.

Air prunes the roots for a more defined root system

Eliminates messy root spirals

An environmentally friendlier pot compared to your standard plastic pot - Fabpot is reusable & recyclable

Uses scientifically engineered material that will endure conditions that most generic brands fail in

Can promote better growth rates

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



MAXIBRIGHT

DIRT BAG

quality roots = quality fruits

Breathable grow bags have taken the market by storm. No longer should plants be subjected to tapering root systems, circling around the edges of a barren plastic pot.

Dirtbags prune the roots as they meet the relatively drier fabric of the 'pot'. This forces the root system to branch off and form more sub-lateral roots, making full volume of the media in the pot. Resulting in a much larger root mass concentrated in an area that has much preferable conditions for roots.

Also, being made from recycled plastic, they are much better for the environment too.

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



MEGAPOT

ROOT POUCHES

degradable, made from recycled materials

Root Pouches are degradable fabric plant pots made from 100% recycled materials.

They are washable, durable and reusable. The insulated material keeps out the winter cold, but allows roots to cool in the summer.

Both air and water can pass through the material freely, allowing the roots to breathe and take up oxygen efficiently.

The Root Pouches are also great with drip systems, and can speed up the vegetative stage, boosting plant growth.

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES





ROUND POTS, SQUARE POTS, & SQUARE TO ROUND POTS AND SAUCERS

various sizes of black plastic pots for all occasions

Widely used, these pots are lightweight, flexible and can be washed and reused for several seasons. Plants are easy to remove – gently squeeze the pot to release the roots.

| POTS | | | | | | | |
|------|-------|--------|--------------|-------|-------|--------|--------------|
| SIZE | ROUND | SQUARE | SQUARE ROUND | SIZE | ROUND | SQUARE | SQUARE ROUND |
| 1L | 05588 | | 05520 | 15L | 36254 | | |
| 2L | 02980 | | 05521 | 18L | | 36255 | |
| 3L | 36996 | | 36153 | 20L | 36161 | | |
| 4.5L | | 05114 | 05522 | 23L | 05529 | | |
| 5L | 05524 | 06152 | 38859 | 25L | 39332 | 06112 | |
| 6.5L | | 01659 | | 30L | 38117 | | |
| 7L | | 05707 | | 30L | 05575 | | |
| 7.5L | 05525 | | | 35L | 38860 | 42315 | |
| 10L | 05526 | | | 35L H | 02393 | | |
| 11L | | 05589 | | 45L | 39215 | | |
| 12L | 36159 | | | 50L H | 04514 | | |
| 14L | | 41624 | | 55L H | 05577 | | |

| SAUCERS | | |
|---------|-------------|--------|
| SIZE | ROUND | SQUARE |
| 25cm | | 05111 |
| 26cm | | 38774 |
| 28cm | 36501 | |
| 29cm | | 05959 |
| 30cm | 37308/00747 | |
| 32cm | 02386 | |
| 35cm | 39012/36976 | |
| 37cm | 36502 | |
| 40cm | 36499 | |
| 45cm | 38429/36503 | |
| 52cm | 03036 | |
| 60cm | 38118 | |

GARLAND TRAY

Solid plastic trays

Sturdy moulded plastic trays in various sizes to hold your pots in place.

**FOR A COMPLETE LIST OF
GARLAND TRAYS PLEASE SEE
THE HOME & GARDEN SECTION**





HAILEA
HX SERIES WATER PUMP
low power water pump

A compact construction, the HX series are capable of high performance in low water levels, making them ideal for use in NFT hydroponic systems for pumping oxygen into specific areas thanks to its fully adjustable flow regulator. pump is used.

HX1500 | 02062 | HX2000 | 02063 | HX2500 | 04063 | HX4500 | 02369



HAILEA
HX88/F SERIES
water pump

The HX88 series of water pumps comes with multiple benefits for both the aquatic and hydroponic market. Suitable for both submersible or external use the HX88 series has an integrated thermal protector and uses its robust aluminium ceramic shaft which can handle small particles.

HX8810 | 04886 | HX8825 | 04044 | HX8830 | 05353 | HX8890 | 05352



HAILEA
SSH SERIES
water pump

The SSH series air pumps are ideal for larger hydroponic tanks and aquariums; they allow several air stones to be run from one pump so that a large amount of water can be aerated at one time. The cover on each pump can be removed so that clean air can be drawn from outside the grow room or tank house.

SSH SERIES 30 | 02214



NEWA
JET/MAXI-JET
water pump

The SSH series air pumps are ideal for larger hydroponic tanks and aquariums; they allow several air stones to be run from one pump so that a large amount of water can be aerated at one time.

The filter cover on each pump can be removed so that clean air can be drawn from outside the grow room or tank house, making them ideal pumps for both aquatic and hydroponic applications.

1700 | 42250 | 2300 | 42251 | 3000 | 42252 | 4500 | 42253 | 500 | 41889 | 750 | 41890 | 1000 | 42125



HAILEA
22 SERIES AIR PUMP
air pump

The Hailea 22 Series possess advanced air-compressing system, damping system and multi-level muffler which is extremely low in noise.

They possess special artificial rubber to keep steady air output and pressure.

The structure is reasonable and compact and has the best effect with the lowest power consumption.

AC02201 | 02433 | AC02202 | 42217 | AC02204 | 02432 | AC02206 | 02435 | AC02208 | 05284



**HAILEA
V SERIES**
air pump

The V series air pumps are ideal for larger hydroponic tanks and aquariums. They allow several air stones to be run from one pump so that a large amount of water can be aerated at one time.

The filter cover on each pump can be removed so that clean air can be drawn from outside the grow room or tank house, making them ideal pumps for both aquatic and hydroponic applications.

The V Series is ideal for circulating nutrients and aerating water in your hydroponic system.

V SERIES V10 | 05717 | **V20** | 05716 | **V30** | 05048 | **V60** | 02542



**HAILEA
SUPER SILENT**
air pump

The ACO96 series of super quiet air pumps are ideal for oxygenating nutrient reservoirs or aquariums for optimum health.

The non-oil lubricated design of the ACO96 series produces a large output of purified air due to its high efficiency and compact design.

Low power consumption and long service life, energy and costs are saved. The ACO96 series allows several processes to be run from the same pump.

SUPER SILENT SINGLE | 02336 | **DOUBLE** | 02337 | **FOUR** | 02338 | **SIX** | 02339 | **EIGHT** | 02340

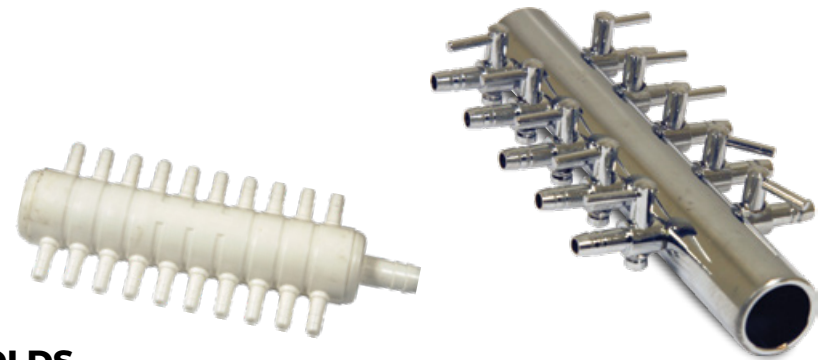


**HAILEA
ET SERIES**
air pump

The ET series range of air pumps ensures that there is plenty of water movement in wastewater applications; this boosts oxygen levels in the water, allowing aerobic bacteria to decompose.

Green drive technology offers energy efficient motors meaning low power consumption.

ET SERIES ET30 | 02355 | **ET40** | 02366 | **ET60** | 02367 | **ET80** | 02296



**HAILEA
MANIFOLDS**

This product helps distribute air flow to your pond or aquarium more evenly, helping you make the most efficient use of your air pump.

STEEL | 6WAY | 02436 | 8WAY | 02437 | 10WAY | 02438 | **PLASTIC** | 8WAY | 05516 | 10WAY | 02574 | 20WAY | 02297



BUBBLEGEN V1
efficient circulation, endless bubble

The BubbleGen V1 is a twin-jet hydroponic bubble generator with an integral silencer that efficiently and quietly oxygenates and circulates a nutrient tank. The BubbleGen V1 uses atmospheric pressure to pull oxygen-rich air through the input port and then mixes it with the nutrients passing through the body of the unit, ejecting an energetic circulating stream of nutrients and bubbles without the need for a noisy compressor air pump.

| | |
|-----------|-------|
| BUBBLEGEN | 05756 |
|-----------|-------|



HAILEA WATER CHILLER
low-noise series

On-board electronic display for quick and easy operation. Digital temperature control technology ensures accuracy. Uses a Freon-free R134 a refrigerating system that is environmentally friendly.

| | | | |
|--------------------|-------|------|-------|
| WATER CHILLER 100A | 05719 | 130A | 06052 |
| 150A | 04444 | 250A | 05282 |
| 300A | 05283 | | |



HAILEA WATER HEATER
thermostatic temperature control

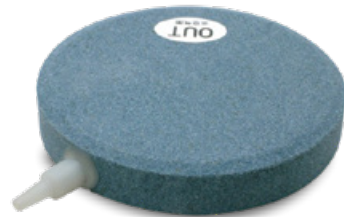
It is ideal for heating water in aquariums/fish tanks and nutrient solutions in hydroponic tanks. The heater is fully thermostatically controlled.

| | | | |
|------------------|-------|------|-------|
| WATER HEATER 50W | 05159 | 100W | 05160 |
| 150W | 05161 | 200W | 05162 |
| 300W | 05163 | | |



AIR STONES
Budget air stones to meet specific oxygenation needs.

| | | | |
|-----------|-------|----------|-------|
| GOLF BALL | 02145 | CYLINDER | 05049 |
|-----------|-------|----------|-------|



ROUND AIR STONES
A range of larger air stones for oxygenating large tanks and grow systems.

| | | | | | |
|----|-------|----|-------|----|-------|
| 4" | 02404 | 6" | 02362 | 8" | 02368 |
|----|-------|----|-------|----|-------|



AIR CURTAIN
This flexible rubber air curtain sends a torrent of air bubbles cascading from the tank.

| | | | | | |
|-----|-------|-----|-------|-----|-------|
| 12" | 05279 | 18" | 05720 | 24" | 05280 |
| 30" | 05721 | 36" | 05281 | | |



RING DIFFUSER AIR
This ring diffuser air stone makes a ring of highly oxygenated air bubbles.

| | | | | | |
|----|-------|----|-------|----|-------|
| 3" | 02143 | 4" | 02144 | 5" | 02365 |
|----|-------|----|-------|----|-------|



AIR LINE
A roll of 4mm clear airline for distributing air to air stones.

| | | | |
|------------|-------|-------|-------|
| 30M | 42087 | | |
| 200M BLACK | 05113 | CLEAR | 02363 |







T75
HOME & GARDEN



Garland
PRODUCTS LIMITED





ULTIMATE SELF WATERING SEED SUCCESS KIT

The Ultimate Self Watering Propagator, just add seeds and water. Maintaining optimal growing conditions is essential for successful seed germination.

A propagator can help but careful and managed watering is also required. This range of self watering propagators feature an internal water reservoir. The growing trays are supported above the reservoir on raised platforms which are in turn covered in capillary matting.

The plants draw the water naturally from the capillary matting as required.

This kit is the perfect size to sit comfortably on a window sill and includes 24 growing pellets giving just the right amount of growing media for each cell, a reservoir tray, support platform, 12 or 24 cell growing tray, capillary matting and a clear cover.

Each of the growing cells measures 5cm x 4.7cm x 5.8cm deep and has a capacity of 0.1L.

With the exception of the capillary matting and the clear covers, this unit is made from recycled plastic. The growing tray can be re-used year after year and can be easily sterilised in a dishwasher.



Clear cover

Injection moulded growing tray

Capillary matting

Injection moulded support platform

Injection moulded reservoir tray

Growing pellets

Clear cover holds in heat & moisture

Long life injection moulded growing tray

Capillary matting draws up water to supply seedlings

Inner platform supports growing tray and reverses to aid ejection of seedlings

Reservoir automatically supplies water for up to 10 days



ONE TOP ELECTRIC PROPAGATOR

Compact electric propagator featuring 8W heated base. Ideal for seeds and cuttings. Features injection moulded growing tray and crystal clear high dome vented cover to create optimal growing conditions.

The One Top electric propagator is an ideal compact unit for growing vegetables, flowers or herbs.

Whether raising seeds or rooting cuttings, this simple non thermostatic control unit provides the perfect low cost means to growing success. Economical to run, the 8W

heated base consumes just one sixth of the power of a standard household light bulb.

The electric base provides warmth which aids fast germination and supports young plant development. The crystal clear high top cover with adjustable vent enables the control of ideal humidity conditions.

All components are injection moulded in rigid plastic to give many years of repeat use.

The growing tray features 'two tier' drainage and capillary holes which aid healthy root development while the clear cover gives a full 12cm of height clearance.



PRO VARIABLE TEMPERATURE CONTROL ELECTRIC PROPAGATOR

This top of the range electric propagator is supplied with an XL High Dome Propagator on a heated base and provides a tightly controlled growing environment using state of the art technology and equipment.

Many growers will find the extra headroom provided by the unit particularly useful.

Designed for the keen gardener looking to grow seeds in volume, this unit is also ideal for rooting cuttings.

The heated base contains a 50W carbon fibre element ensuring even heat distribution and is supplied with a digital display, variable temperature controller.

The control unit features a highly accurate probe sensor on a 2m lead and is capable of controlling the temperature of your growing medium to within 1°C. A large lit digital display makes the temperature control unit extremely easy to use. Once the probe sensor is in position, simply enter your desired target temperature and leave the unit to automatically regulate, heating only when needed. You can set a temperature target anywhere between 5°C and 30°C.

Please note that we do not recommend operation of the unit where the ambient temperature falls below 5°C.

The temperature control unit also features a useful hanging loop. The size of the unit lends itself to use in a greenhouse or on a spare room table top.

The unit is fully injection moulded to produce a durable, high quality product.

JUMBO PROFESSIONAL VARIABLE TEMPERATURE CONTROL ELECTRIC PROPAGATOR

41702



XL HIGH DOME PROPAGATOR

Our largest unheated propagator and to our knowledge the largest injection moulded propagator on the UK market.

The base tray does not feature drainage holes, given that most users opt to fill the unit with smaller trays or pots or multi cell inserts.

The unit is easily large enough to accommodate the 'Grodan 77' and 'Jiffy 60' cell inserts which are so popular with keen growers.

XL HIGH DOME PROPAGATOR (GREEN)

41688 BLACK

41689



XL HIGH DOME ELECTRIC PROPAGATOR

This large electric propagator features a 24W heated base. An injection moulded growing tray and crystal clear high dome vented cover sit on the heated base and create optimal growing conditions.

The XL High Dome Electric Propagator is an ideal unit for growing vegetables, flowers or herbs. Whether raising seeds or rooting cuttings, this simple non thermostatic control unit provides the perfect low cost means to growing success.

Economical to run, the 24W heated base consumes minimal power. The electric base provides warmth which aids fast germination and supports young plant development. The crystal clear extra high top cover with adjustable vent enables the control of ideal humidity conditions.

XL HIGH DOME ELECTRIC PROPAGATOR

41698



BIG THREE AUTOMATIC TEMP CONTROL ELECTRIC PROPAGATOR

Designed for the keen gardener looking to grow seeds in volume, this unit is also ideal for rooting cuttings.

This is our largest electric propagator and is supplied with 3 large high dome propagators - each 37.5cm (15") Long 23cm (9") Wide.

The propagator units are ideal for growing seeds in volume and particularly suited to rooting larger cuttings.

The size of the unit lends itself to use in a greenhouse or spare room table top.

The heated base contains a 50W carbon fibre element for even heat distribution and features an inbuilt fixed temperature thermostat designed to maintain a compost temperature of 19°C.

The unit features 'Heat On' and 'Power On' neon light indicators.



THREE TOP WINDOWSILL PROPAGATOR

Propagator ideally sized for windowsills with three separate sections, the propagator is supplied with 3 high dome propagators - each 23cm long by 17cm wide.

The propagator units are ideal for growing seeds in volume and particularly suited to larger cuttings.



TRIO TOP ELECTRIC WINDOWSILL PROPAGATOR

While windowsills can often provide ideal light conditions for successful propagation, they can also be cool and draughty. This compact electric propagator is supplied with 3 high dome propagators - each 23cm (9") Long 17cm (6.5") Wide.

The propagator units are ideal for growing seeds in volume and particularly suited to larger cuttings. The heated base contains a 13W carbon fibre element for even heat distribution. This unit is not thermostatically controlled and is designed to increase the ambient compost temperature by around 8°C.



JUMBO PROFESSIONAL VARIABLE TEMPERATURE CONTROL ELECTRIC PROPAGATOR

This top of the range electric propagator is the largest in our range and is supplied with two XL High Dome Propagators on a heated base and provides a tightly controlled growing environment using state of the art technology and equipment.

Many growers will find the extra headroom provided by the unit particularly useful.

Designed for the keen gardener looking to grow seeds in volume, this unit is also ideal for rooting cuttings.

The heated base contains a 100W carbon fibre element ensuring even heat distribution and is supplied with a digital display, variable temperature controller.

The control unit features a highly accurate probe sensor on a 2m lead and is capable

of controlling the temperature of your growing medium to within 1 °C. A large lit digital display makes the temperature control unit extremely easy to use. Once the probe sensor is in position, simply enter your desired target temperature and leave the unit to automatically regulate, heating only when needed. You can set a temperature target anywhere between 5 °C and 30 °C.

Please note that we do not recommend operation of the unit where the ambient temperature falls below 5 °C.

The temperature control unit also features a useful hanging loop. The size of the unit lends itself to use in a greenhouse or on a spare room table top. The unit is fully injection moulded to produce a durable, high quality product.



FAB FOUR ELECTRIC PROPAGATOR

Designed for the keen gardener looking to grow a range of seed varieties. The size of the electric heated base lends itself to use on a windowsill or on a spare room table top. Featuring 4 independent mini vented propagators which allow for added user flexibility, each 17cm (6.75") Long by 10cm (4") Wide.

The heated base contains a 8W carbon fibre element for even heat distribution. This unit is not thermostatically controlled and is designed to increase the ambient compost temperature by around 8°C.

FAB 4 ELECTRIC PROPAGATOR

41695



SUPER 7 SELF WATERING PROPAGATOR

This product is perfect size to sit comfortably on a window sill and includes 7 vented mini propagators.

The growing trays are supported above the reservoir on raised platforms which are in turn covered in capillary matting.

The plants draw the water naturally from the capillary matting as required.

SUPER 7 SELF WATERING PROPAGATOR

41692



FOUR TOP AUTOMATIC TEMPERATURE CONTROL ELECTRIC

Designed for the keen gardener looking to grow a range of seed varieties.

The size of the electric heated base lends itself to use in a greenhouse or on a spare room table top. The Four Top allows added user flexibility, featuring 4 independent small vented propagators, each 23cm (9") Long 17cm (6.5") Wide 6cm.

The heated base contains a 40W carbon fibre element for even heat distribution and features an in built fixed temperature thermostat designed to maintain a compost temperature of 19° Centigrade. The unit features 'Heat On' and 'Power On' neon light indicators.

FOUR TOP AUTOMATIC TEMPERATURE CONTROL

CALL



SUPER 7 ELECTRIC WINDOWSILL PROPAGATOR

While windowsills can often provide ideal light conditions for successful propagation, they can also be cool and draughty. This compact electric propagator is a complete nursery for the windowsill.

Featuring 7 mini vented propagators, ideally sized for the most gardeners, the Super 7 allows the user to grow a large number of plant varieties on just one unit. The heated base contains a 13W carbon fibre element for even heat distribution. This unit is not thermostatically controlled and is designed to increase the ambient compost temperature by around 8°C.

SUPER 7 ELECTRIC WINDOWSILL PROPAGATOR

41696



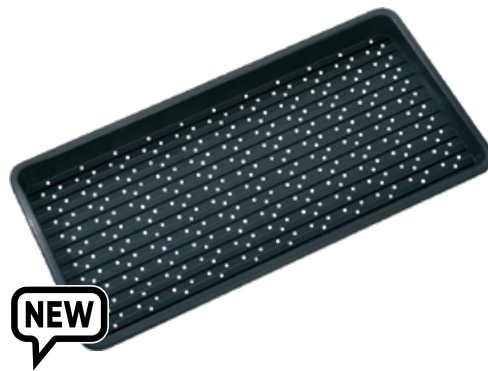


NEW

MICROGREENS RESERVOIR TRAY

56 x 28 x 3cm

The ideal water reservoir base tray for growing micro greens.



NEW

MICROGREENS GROWING TRAY

56 x 28 x 3cm

The ideal tray for growing micro greens. Two tier holes allow optimal watering and drainage.

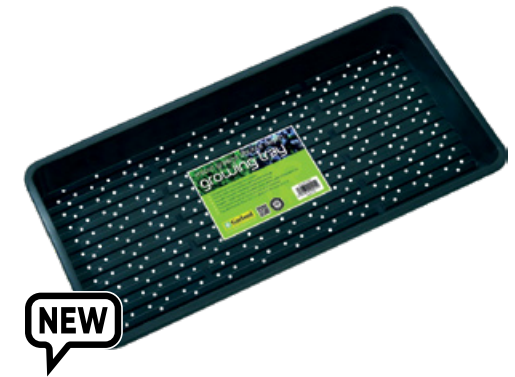


NEW

MICROGREENS DOUBLE DEPTH RESERVOIR TRAY

56 x 28 x 6cm

The ideal extra depth water reservoir base tray for growing micro greens.



NEW

MICROGREENS DOUBLE DEPTH RESERVOIR TRAY WITH HOLES

56 x 28 x 6cm

The ideal extra depth tray for growing micro greens. Two tier holes allow optimal watering and drainage.

MICROGREENS RESERVOIR TRAY 41685

MICROGREENS GROWING TRAY 41684

MICROGREENS RESERVOIR TRAY 41687

MICROGREENS RESERVOIR TRAY WITH HOLES 41686



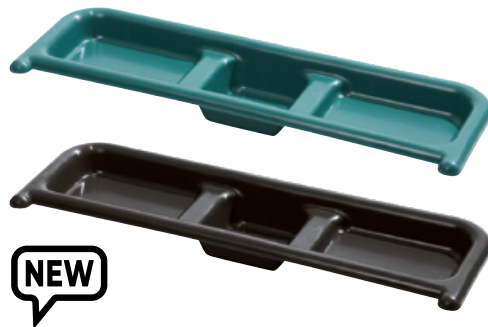
NEW

TIDY TRAY

61 x 55 x 20cm

This tough one piece potting tray is now established as an essential garden accessory.

Mess & dirt are confined within the tray whilst low front allows easy access to the work space.



NEW

TIDY TRAY SHELF

62.5 x 20 x 6.5cm

A perfect companion to the Tidy Tray. Sits securely on the top rim of the Tidy Tray and provides 3 recessed pockets to hold accessories and tools, keeping the work space clear of obstruction.



NEW

COMPACT TIDY TRAY

49 x 50 x 15cm

This tough compact one piece tray with it's integral shelf is an essential garden accessory. Mess & dirt are confined within the tray whilst low front allows easy access to the work space.



NEW

STANDARD GARDEN TRAY

57 x 38.5 x 5cm

The smallest in our range of tough injection moulded garden trays. An ideal water reservoir tray for pots and seed trays. 9L internal capacity.

TIDY TRAY GREEN 41709 **BLACK** 41708

TIDY TRAY SHELF GREEN 41710 **BLACK** 41711

COMPACT TIDY TRAY 41707

STANDARD GARDEN TRAY 41712



NEW

PRO POTTING ON TRAY

18 x 9cm Pots

Made from recycled and recyclable plastic. Grow healthy plants from seed in your home or greenhouse,

Suitable for striking cuttings, replacement pots available

PROFESSIONAL POTTING ON TRAY

41683



CHIEFTAIN TRAY

64.5 x 49.5 x 12cm

A large mixing tray that's great for mixing cement, concrete, mortar, sand or other building materials.

Great gardening tray for use in the garden - use for plant pots, gravel, potting, under grow bags etc.

CHIEFTAIN TRAY

02658



60CM TRAY

60 x 60 x 15cm

This tray has a depth of 12 cm and an internal capacity of 32Ls. The 60cm Square Tray features a series of shallow horizontal ridges on the internal base of the tray which aid drainage from plant pots.

60CM TRAY

02519



NEW

JUMBO TRAY

117 x 40 x 5cm

This tough, injection moulded tray has a number of valuable applications.

It will easily accommodate a full sized grow bag. It is equally useful as a water reservoir tray for pots and seed trays.

It will hold 5 Large Seed Trays (G17).

JUMBO TRAY

04947



GIANT GARDEN TRAY

110 x 55 x 5cm

The Giant Tray has proved popular when used by private and commercial gardeners alike as a large irrigation table for keeping a multitude of potted plants watered. The tray can be filled with grit or capillary matting if preferred.

GARLAND GIANT GARDEN TRAY

01164



TITAN TRAY

110 x 55 x 15cm

Boasting an exceptional depth of 15cm and an internal capacity of 65Ls, the Titan Tray is ideal for greenhouse users but has countless other applications. A series of shallow horizontal ridges feature on the internal base of the tray which can aid drainage.

TITAN TRAY

05910



NEW

RECTANGULAR TRAY BLACK

120 x 60 x 12cm

This is the largest rectangular tray in our range with an impressive internal capacity of 70Ls. The tray is ideal for greenhouse users but has countless other applications. A series of shallow horizontal ridges feature on the internal base of the tray which can aid drainage.

RECTANGULAR TRAY BLACK

41713



METRE SQUARE TRAY

100 x 100 x 12cm

This huge tray is one of the largest in our range with a depth of 12 cm and a massive internal capacity of 100Ls. The Metre Square Tray features a series of shallow horizontal ridges on the internal base of the tray which aid drainage from plant pots.

METER SQUARE TRAY

01985



NEW

VALUE GROWBAG TRAY

100 x 40 x 5cm

Ideally sized for grow bags, the tray features a series of shallow horizontal recesses on the internal base of the tray which aid drainage and allow water flow under grow bags or plant pots.

VALUE GROWBAG TRAY 43461



NEW

MAXI GARDEN TRAY

79 x 40 x 5cm

Comfortably holds 3 full size seed trays and is an ideal water reservoir tray for numerous pots. 12L internal capacity.

MAXI GARDEN TRAY 43457



NEW

2 PLY NATURAL JUTE TWIN

packs of 25

A 50g Spool of 2 Ply Natural Jute Twine, ideal for general garden and household tying and marking out seed lines or for making bean frames. Gentle on plants. Made from 100% natural and biodegradable jute.

2PLY NATURAL JUTE 50g 41714



NEW

3 PLY NATURAL JUTE TWIN

packs of 15(100g) 12(250g)

3 Ply Natural Jute Twine, ideal for general garden and household tying and marking out seed lines or for making bean frames. Gentle on plants. Made from 100% natural and biodegradable jute.

3 PLY NATURAL JUTE 100g 41715 250g 41716



NEW

TWINE TIN WITH CUTTER

packs of 6

A Twine Tin with Cutter contains a 100g spool of 3 Ply Natural Jute Twine, ideal for general garden and household tying and marking out seed lines or for making bean frames. Gentle on plants. Made from 100% natural and biodegradable jute. 50g or 100g refill spools available

TWINE TIN WITH CUTTER 41719



NEW

POLYPROPYLENE TWINE

packs of 25(50g) 15(1000g)

Ideal for general garden and household tying and marking out seed lines. Strong rot proof twine, made from 100% polypropylene.

POLYPROPYLENE TWINE 50g 41717 100g 41718



NEW

GARDEN WIRE COATED

20,30m

Plastic coated garden wire for home & garden use.

GARDEN WIRE 20M 2mm 41724 30m 2mm 41723



NEW

5M HOOK N' LOOP TIE

2 x 2.5m rolls

Cut a piece to the required length. Put round the plant and stake and simply press the tie together for a firm grip.

5m HOOK N' LOOP TIE 41729



NEW

TWIST TIE PLASTIC COATED

50m length

50m of plastic coated twist tie for home & garden use, with easy Press to Cut dispenser.

TWIST TIE PLASTIC COATED

41722



NEW

FLEXIBLE TIE GREEN 3MM

kind to your plants

The kind way to tie your plants.

The soft and stretchy plastic tie grows with the plant or tree and will not slip or chafe the plant

Very strong and holds a knot without slipping, totally reusable and frost proof.

FLEXIBLE TIE GREEN 40M 41731 80CM X8" 41732



NEW

WHITE SOLID TEE LABELS

pack of 10

Ideal for greenhouse or garden to write name of seeds or plant on, with a large area for writing on.

WHITE SOLID TEE LABELS

41726



NEW

WHITE TEE LABELS

pack of 10

Ideal for greenhouse or garden to write name of seeds or plant on, or simply fold and clip empty seed packet into the label.

WHITE TEE LABELS

41727



NEW

15CM HOOK N' LOOP TIES

pack of 10

Put round the plant and stake. Pass through the slot and simply press the tie together for a firm grip.

Great for keeping cables neat and tidy.

15CM HOOK N' LOOP TIES

41730



NEW

TWIST TIES

pack contains 100 ties

Available in 15cm. These twist ties have many uses around the home or garden for tying freezer bags or securing plants back against trellis in the garden.

Simply peel from the strip.

TWIST TIES 6" 41731 8" 41732



NEW

WATERPROOF GARDEN MARKER

waterproof

This black waterproof garden marker is ideal for writing on plastic, timber, rubber and steel.

Alcohol based ink which is water and fade resistant.

BLACK WATERPROOF GARDEN MARKER

41725



NEW

WIDGER & DIBBER SET

pack contains 1 widger & 1 dibber

The ideal widger & dibber for planting seeds or young plants in seed trays or pots.

The widger is ideal for pricking out plants and seedlings, the dibber is perfect for making the right size hole in the compost ready for planting.

WIDGER & DIBBER SET

41728



NEW

pH SOIL TEST (2 TEST)

packs of 12

Test your soil before you grow.

Pack contains 2 single use pH tests.

pH SOIL TEST

41737



NEW

GREEN KITCHEN BIN

packs of 20

A classically shaped 9L bucket with lid and handle with countless potential applications.

Often used as a budget priced container for storing kitchen waste suitable for composting. Manufactured from recycled polypropylene.

GREEN KITCHEN BIN

41740



NEW

GARDEN FLAT BASE SCOOP

packs of 10

Flat based scoop that's ideal for scooping compost, grit, fertiliser, dog food & bird food etc,

Made from durable plastic, will last for years.

GARDEN FLAT BASE SCOOP GREEN

41739



NEW

VALUE WATERING CAN 10L

packs of 6

This value blow moulded 10L watering can is a tough well balanced can, ideal for watering around the greenhouse and garden.

VALUE WATERING CAN

41738



NEW

SOIL MOISTURE METER

packs of 6

Simple to use, no battery required.

Instant dry, moist or wet reading.

SOIL MOISTURE METER

41736



NEW

SOIL pH METER

packs of 6

Simple to use, no battery required.

Instant acid or alkaline reading.

SOIL pH METER

41735



NEW

PLASTIC WALL THERMOMETER

packs of 10

This thermometer will help you determine the most comfortable and economical temperature in your home.

Also suitable for outdoor use.

PLASTIC WALL THERMOMETER

41734



NEW

PROPAGATOR THERMOMETER

packs of 5

The ideal thermometer to ensure the correct temperature for seed germination. Insert thermometer stem into propagator compost.

Please consult a gardening book or the seed packet for the correct temperature.

PROPAGATOR THERMOMETER

41733





MICRO GROW LIGHT GARDEN

available in black or white

Grow what you love, love what you grow - all year long. Full spectrum (6400K) grow lights replicate natural sunlight for year round growing.

Perfect for growing salads and herbs or for early season seed starting. Use also to boost flowering house plants out of season.

Features a high efficiency Sunblaster 11W high output light consuming 20% less power than a standard domestic light bulb and giving up to 10,000 hours of use. NanoTech Reflectors reduce heat build up and maximise performance by reflecting 100% of the light towards the plants.

Supplied with 4 reusable tough growing trays (17cm (6.5") Long 10cm (4") Wide 5cm (2") High) for easy succession planting. Includes raised platform insert and capillary matting allowing plants to self water for up to 14 days (subject to climate conditions).

Canopy height adjusts easily to a maximum of 38cm from the base to achieve optimal plant growth.

Attractive table top design perfect for use in the home, office or restaurant.

Manufactured from 100% recycled tough plastic and sturdy aluminium. Electronic ballasts eliminate annoying buzzing while in operation.

MICRO GROW LIGHT GARDEN BLACK

41703 WHITE 41705



GROW LIGHT GARDEN

available in black or white

Grow what you love, love what you grow - all year long. Full spectrum (6400K) grow lights replicate natural sunlight for year round growing.

Perfect for growing salads and herbs or for early season seed starting. Use also to boost flowering house plants out of season.

Features 2 high efficiency Sunblaster 24W high output lights consuming 20% less power than a standard domestic light bulb and giving up to 10,000 hours of use. NanoTech Reflectors reduce heat build up and maximise performance by reflecting 100% of the light towards the plants.

Supplied with 4 reusable tough growing trays (37cm (14.5") Long 13.5cm (5.25") Wide 6cm (2.5") High) for easy succession planting. Includes raised platform insert and capillary matting allowing plants to self water for up to 14 days (subject to climate conditions).

Canopy height adjusts easily to a maximum of 38cm from the base to achieve optimal plant growth.

Attractive table top design perfect for use in the home, office or restaurant.

Manufactured from 100% recycled tough plastic and sturdy aluminium. Electronic ballasts eliminate annoying buzzing while in operation.

LIGHT GARDEN BLACK

41704 WHITE 41706



**BIOBIZZ
FISH•MIX**

bio substrate enricher

A rich infusion of organic fish emulsion from the North Sea mixed together with Dutch sugar beet extract helps accelerate the growth of living organisms in your substrate. It also stimulates the production of microorganisms and useful bacteria in all types of soil and coco-based substrates. It's also good to know that the product is keeping with our strict organic farming requirements.

Fish•Mix is not extracted with acids or stabilised with BHT (butylated hydroxytoluene, a synthetic preservative). After a few days of use, it will have transformed poor-quality earth into rich, fat soil – full of the natural minerals your plants are hungry for.

**BIOBIZZ
MICROBES**

boost your yield

Microbes is a complete consortium of microorganisms, enzymes and beneficial fungi that stimulates the process of germination and initial seedling growth and helps with the flowering stage. It improves the flow and uptake of essential nutrients as well as the plants' final yield.

This microorganism consortium has great benefits for the plant rhizosphere, increasing the useful surface area of the roots. This translates to higher and better absorption of nitrogen, phosphorus, potassium and micro-nutrients during all development stages of the plant.

Moreover, the chosen microorganisms are great promoters of phytohormones, such as indole-3-acetic acid and gibberellins.

**OPTIC FOLIAR
OVERGROW**

complete foliar feed plant booster

OVERGROW is the only product on the market that is a dynamic, multi-purpose, ready-to-use spray that combines performance and growth with overall plant health. OVERGROW is a combination of Watts, Rev and Attack with the addition of Transport in a ready to use spray, correct deficiencies and provide increased performance! Match that with the ability to spray in full sunlight, with no burning or the need to spray the undersides of leaves, and you have the only all-in-one spray with no negative side effects from leaf burn to residuals.

OVERGROW provides a full spectrum of NPK, micro nutrients as well as a full complement of vitamins, sugars, amino acids and B1 to further increase growth and supplement further yield increases.

**ECOTHRIVE
CHARGE**

soil conditioner

Ecothrive Charge is a 100% naturally produced potting soil enhancer composed entirely of organic mealworm castings.

This premium-grade 'insect frass' is packed full of organic nutrition, beneficial microorganisms and a natural biostimulant – chitin.

Charge will stimulate robust plant growth, improve root zone conditions and create vigorous, high-yielding plants. Simply mix with coco or soil before planting and top dress later in the cycle for longer-term benefits.

AL of Charge will treat 50–100L of coco or 100–200L of potting soil.

Charge has been certified for use in growing organic crops by the Soil Association.

FISH MIX 250ml | 37258 | 500ml | 02920

1L | 00952

MICROBES | 38939

OVERGROW 1L(RTU) | 05055 | 4L(RTU) | 05056

CHARGE 1L | 37996 | 5L | 37997 | 10L | 37998



ECOTHRIVE NEUTRALISE

tap water dechlorinator

Ecothrive Neutralise instantly dechlorinates tap water, protecting beneficial microbes from the harmful effects of both chlorine and chloramine.

It's ideal for conditioning tap water before adding microbial products such as Biosys.

Neutralise can also be used with soil, coco and hydroponic systems as a pre-treatment for irrigation water and nutrient solutions.

It's super concentrated. Simply add one drop (0.05ml) per 1L or 1ml per 20L. 50ml of Neutralise treats 1000L of tap water.

Unleash the biological potential of your growing media and plant nutrients with Neutralise.

Allows beneficial microbes to flourish.



GUANOKALONG COMPLETE ORGANICS

organic mix of ingredients

This 100% organic all-in-one fertiliser contains everything necessary for the growth and blooming of your plants and flowers.

Ideal if you want to devote little time to the soil conditions of your pots or garden.

Complete Organics is a balanced mix of Guanokalong Powder and GK-Organics, Seaweed Powder, Palm Tree Ash, Veg Pearls and Lava Worm Powder.

Easy all-in-one fertiliser

Improved soil conditions due to fermentation

Balanced mix

Superior to chemical and mineral nutrition supplements

An ideal solution for nutrient-poor soil or plants with substantial stress

For indoor and outdoor use

100% organic



GUANOKALONG PELLETS

slow-release super fertiliser

Guanokalong Pellets provides astonishing growth by fortifying the root zone with essential micro-elements and enzymes.

The plants also receive necessary macro-elements (such as phosphorus) to stimulate healthy plant growth.

Improved taste, quality and yield

For both indoor and outdoor use

The pellet form makes it less susceptible to scattering by the wind

Stimulates root growth

Promotes abundant bloom sites

Added protection from bacterial infections

Decreased risk of leaf scorching due to the slow release of nutrients

No unpleasant odours

No expiration date when kept in a dark and dry location



GUANOKALONG BLACK PELLETS

organic base nutrient

Guanokalong Black Pellets is a mixture of Guanokalong Powder and humic acids in pellet form.

By mixing it as a soil fertiliser with soil or coconut, the pellets ensure stunning flowering and fewer stress and water requirements during transplantation.

Improved taste, quality and yield

Can be used both indoors and outdoors

Less susceptible to wind thanks to its pellet form

Stimulates root growth

Promotes abundant bloom sites

Increased resistance to bacteriological attacks

Has a reduced risk of burning plants due to its delayed release

NEUTRALISE 50ml | 38003 | 250ml | 38004 | 1L | 38005

COMPLETE ORGANICS 1L | 05573 | 22L | 37815

PELLETS 25KG | 37817

BLACK PELLETS 1KG | 05566



**GK-ORGANICS
VEG PEARLS**
available nitrogen

GK-Organics Veg Pearls, made from sugar cane extract. It is a complete and economical alternative for manure.

For both indoor and outdoor use

Astonishing growth

Improved soil life

No leaching of minerals

Less irrigation required

Increased plant resistance to stress

Economical to use

Easy to scatter due to its rounded shape

DYNOMYCO®
natural root enhancer

DYNOMYCO inoculates plants with vigorous endomycorrhizal fungi. Mycorrhizae improve the plants' nutrient uptake, which translates to healthier, more resilient plants. Improved quality and higher yields! Mycorrhizae are a symbiotic relationship between fungi and plants. The microscopic fungi latch onto plant roots and extend them into an underground web. This symbiosis helps the plant access nutrients and water that would otherwise be unavailable.

DYNOMYCO™ is based on 30 years of research by a team of agronomists and plant and soil experts. We understand mycorrhizal fungi and the great impact they have on plants, which are considered obligate mycotrophs.

**GROW GENIUS
GG MONO-SILICIC**
19% silicon w/w

Forty times stronger AND forty times better value than big brand "Silica" products, GG's 40% MSA is fast becoming the UK's favourite Silicon nutrient.

GG Mono delivers all the benefits of classic formula 'Silica' products (thicker, stronger stems and branches, faster root development, and improved resistance to garden pests and fungal pathogens), but with none of the usage downsides: GG is pH neutral, and completely stable in tank mixes.

Grow-Genius 40% Mono-Silicic is made in England using proprietary UK technology resulting in a completely unique silicon with ultra-low heavy metal content that is safe for use on seedlings and mature fruit - exactly where natural protection is most useful.

**GROW GENIUS
WATER-GENIUS ORGANIC**
water less, grow more

Cut open soil irrigation bills in half with one application - it's that powerful. And yet, Water Genius Organic is OMRI listed and totally non hazardous.

Simply treat your soil, coco coir, moss or any other gardening substrate once a month to once a fortnight and then reduce your irrigation by 30 to 50%. It's that simple. The more organic life in you substrate, the faster it's broken down: re-apply as effects dwindle, and stop anytime.

Water Genius organic isn't just for open soil, it's almost equally effective in containers of any kind, especially fabric pots and hanging baskets, raised beds and kokedamas. WG works by improving water penetration, and fighting loss by evaporation keeping water and nutrients where they are needed: in the rootzone of your plants.

| | | | |
|---------------|-------|------------|-------|
| VEG PEARLS 1L | 37655 | 25L | 37813 |
| 100g | 37646 | STICK 200g | 39324 |
| 340g | 39325 | 750ml | 37647 |
| 10KG | 39327 | 20KG | 39326 |

| | | | |
|-------------------|-------|-------|-------|
| MONO-SILICIC 10ml | 37023 | 100ml | 37024 |
| 250ml | 37025 | 500ml | 37026 |
| 1L | 37027 | | |

| | | | |
|--------------------|-------|----|------|
| WATER-GENIUS 100ml | 39125 | 1L | CALL |
|--------------------|-------|----|------|



**MOONSHINE
HOME & GARDEN**
nutrient enhancer

Boost your plant's growth and vitality with Moonshine Home & Garden, a powerful and eco-friendly nutrient enhancer. Home and Garden is a diluted version of our original Nutrient Enhancer, carefully formulated with a natural blend of plant extracts. It is completely biodegradable and poses no threat to human health or the environment.

Experience the benefits of our all-natural organic formula that improves plant performance in every aspect without affecting your EC levels.

Moonshine Nutrient Enhancer is designed to work seamlessly with any other nutrient line, enhancing the effectiveness of your existing products without altering their feed strength.



**GROWTH TECHNOLOGY
CLONEX**
root promoter

This is a truly iconic product, born out of Growth Technology's own experience as volume propagators way back in the eighties.

They conceived the idea to use a gel base for the rooting hormones and development of that idea lead directly to Clonex. It was, as far as we can tell, the first such gel on the market - anywhere.

It is now the market leader on three continents and has a huge, and deservedly loyal, client base.

The famous rooting gel, suitable for most plant species and most types of propagation.



**CUTTING EDGE ORGANICS
ROOTING GEL**
100% organic

At last, there is an organic rooting hormone solution for the gardener that likes to keep everything organic and natural.

Cutting Edge have released this Rooting Gel that contains only natural ingredients, assuring the grower that nothing synthetic has gone into their plants from start to finish.

Promotes rapid and vigorous root cell development.

100% organic.

Harvested in a sustainable way.

Help reduce stem rot.

Strengthens the plant's immune system.

Pure natural extract from Eastern Atlantic seaweed.

Readily covers and sticks to plant tissue.



**CANNA
CANNACURE**
vitality boosting foliar spray

Mildew, whitefly, aphids, spider mites and mealy bugs.

The world is full of diseases, pests and parasites that are looking for an opportunity to infest your plants and ruin your crop. Of course, you want to protect your plants in the best way possible. But how? CANNACURE is an unique leaf nutrient that prevents and controls plant pests and mildew. It's environmentally friendly and free of toxins.

CANNACURE ensures healthier plants, bigger flowers and increased yields.

| | | | | | |
|-----------|-------|-------|-------|-------|-------|
| MIST 50ml | 00027 | 100ml | 03128 | 300ml | 36353 |
| 750ml | 36354 | 1L | 38989 | 5L | 38875 |

| | | | | | |
|-----------|------|----|------|----|------|
| H&G 500ml | CALL | 1L | CALL | 5L | CALL |
|-----------|------|----|------|----|------|

| | |
|-------------|-------|
| ROOTING GEL | 03068 |
|-------------|-------|

| | | | |
|----------------------|-------|----|-------|
| CANNACURE 750ml(RTU) | 02405 | 1L | 02406 |
| 5L | 02407 | | |



GREEN MAKERS
BIO GREEN GARLIC
eco protector

Keep the pests away: 100% organic insect and fungi repellent. Can be used at all plant stages, works as prevention and treatment.

The main bioactive component extracted from the garlic is Allicin, a compound of organic sulphur (thiosulfonate) with a strong antioxidant effect and other good properties for plants.

Allicin works as the first mechanism of defence against insects and fungi. It works preventively against various pathogenic fungi such as mould, mildew, nematodes, snails, beetles and insects such as spider mites, thrips, aphids, fungus gnats, white-fly and more.

PLANT CHEMIST
INSECT CONTROL
pesticide free

Plant Chemist Insect Control is a pesticide free product for use on flowers, fruit, vegetables, herbs and ornamentals, both outside and undercover.

Plant Chemist controls a wide range of insects including spider mite, thrips, aphids, mealy-bug, scale, psyllid and more. Its organic composition ensures healthy, green and clean plants, followed by optimized growth and bloom.

ECOFECTIVE
BUG & MILDEW CONTROL
for flowers fruit & vegetables

Ready to use 3-in-1 technology to control bugs, powdery mildew and provide nutrition. Controls powdery mildew by washing away the spores

For edibles and ornamentals – provides the plants with nutrients for healthy growth PESTICIDE FREE, uses physical mode of action to stop pests

Safe to use around children, pets and bees.

OPTIC FOLIAR
ATAK
foliar fungicide

Optic Foliar ATAK is the only control spray against Powdery Mildew on the market that can be applied with the lights on with no damage or burning to the leaves or flowers. Comprised of copper sulphate and organics; ATAK is safe to use into late bloom up to one week before harvest and will not leave any trace chemicals within the plant at harvest.

ATAK can be sprayed with the lights on, no damage or burning to the leaves and no residuals to wash off!

Optic Foliar ATAK is the only fungus product on the market that guarantees no damage to the leaves while providing safe non-toxic results that leave nothing within the plant that will affect the taste or the quality of crops.

BIO GREEN GARLIC 1L | 40891 | 5L | 40892

INSECT CONTROL 250ml | 36446 | 1L (RTU) | 36445

BUG & MILDEW CONTROL RTU 1L | 39084

ATAK 250ml | 05063 | 500ml | 05064
1L (RTU) | 05065 | 4L (RTU) | 05765



GUANOKALONG COMPLETE MIX

pre-fertilised potting soil

This growing medium is charged with the correct amount of Guanokalong Powder.

Mixed with products such as seaweed powder, palm tree ashes, cotton seed powder, fish powder and volcanic loam, this unique soil represents a full-body, pure and organic NPK value with an abundance of trace elements.

The soil has enough nutrients for the first two weeks of growing, as it is lightly enriched with Guanokalong Powder.



BIOBIZZ WORM-HUMUS

soil improver

Worm Humus, also known as vermicast, is the final product of decomposed material excreted by the king of the soil – the earthworm.

This high-quality organic compost is made from 100% pure organic worm castings that have been stringently lab tested to ensure they don't contain any farmyard waste, landfill waste or compost.

Packed with water-soluble nutrients and bacteria, our Worm Humus is a very nutritious organic fertiliser and excellent all-round soil improver.

Perfect for refreshing All Mix, adding to substrate mixtures already in use or preparing garden subsoil.



CANNA TERRA SEED MIX

ideal for germinating seeds

CANNA TERRA SEED MIX is a potting mix that is perfectly suited for germinating the seeds of your favourite plants.

It works great in combination with CANNA START.

The advantages of CANNA TERRA SEED MIX include its homogeneous, stable structure, which is great for retaining water, giving seeds the best chance to germinate correctly.

CANNA TERRA SEED MIX is also particularly suitable for use when rooting cuttings.



CANNA BIO TERRA PLUS

a certified organic soil

BIO TERRA PLUS is made of 100% natural materials and, as such, can also be used for organic cultivation. CANNA has succeeded in creating a certified organic soil that meets international organic standards.

BIO TERRA PLUS is made of top-quality peats, including superior-quality white peat. The airy structure of the white peat is supplemented with shredded tree bark that has natural anti-fungus properties.

BIO TERRA PLUS only contains organic fertilisers of plant origin that are released according to your plants' needs. In this way, the plants always get the optimal amount of nutrients.

Coco fibre is used in Bio Terra Plus, in fact, the best coco is used, CANNA COCO.

This is a certified balanced biological fertiliser enriched with positive soil bacteria for the plants, which will create a beneficial symbiosis.



**BIOBIZZ
PRE•MIX**
soil improver

Want guaranteed optimal growth, flowering and maximum resistance to disease and fungal problems? PRE MIX combines the qualities of different organic fertilisers, rock meals, trace elements and fungi in just the right quantities in one convenient and versatile pack.

You can use PRE MIX as a transplant or starter fertiliser. Blend it into any soil or soilless substrate, or combine it with high-quality organic worm castings to add microbial life and fortify the nutritional value of your soil or planting mix.

PRE MIX 5L | 02913 | 25L | 02914



**LAVA-LITE
LAVA-LITE+**
great as a pot topper

LAVA-LITE+ is a new multi-use stone offering numerous benefits. As a 100% natural product with pH neutral properties, it is perfect for use with all plants.

The porous properties of LAVA-LITE+ allow it to retain moisture, which in turn reduces soil drying and keeps your plants hydrated longer. This together with its thermal protection properties, which guard root systems and soil from ground frost, makes it an unmatched garden solution.

This all-rounder decorative stone makes for a fantastic choice on your patio, within your garden borders and indoors. Finally, there is a decorative multi-use addition that is equally happy in your garden or your home.

LAVA-LITE+ is a must-have product. You will wonder how you coped without it.

LAVA LITE+ 1L | 38432 | 3L | 38433



**LAVA-LITE
SOIL-RESTORE+**
help your soil breathe

Over time, soil compacts, air pockets reduce, and clay can become difficult to plant in, requiring continuous management and hours of hard digging to provide your plants with their best growing environment. SOIL-RESTORE+ offers a long-term solution. This 100% natural, pH-neutral medium instantly improves the soil structure when dug into the borders.

By offering aeration to improve drainage and water distribution in heavy clay-based soils, SOIL-RESTORE+ reduces compaction, allowing roots to seek out much-needed nutrients.

The addition of SOIL-RESTORE+ to borders reduces the need for continuous back-breaking soil turning. Introduce with feed to offer your plants a happy place to live and thrive.

SOIL RESTORE+ 1L | 38438 | 3L | 38439



**LAVA-LITE
COMPOSTER+**
help your soil breathe

Composting at home can help reduce carbon emissions and global warming. With this in mind, LAVA-LITE® COMPOSTER+, the newest member of the LAVA-LITE® family, is the perfect conditioner for your compost, whether bought in a shop or made at home.

COMPOSTER+ works by aiding the composting process, increasing air exchange and reducing the amount of nitrogen loss, helping to enhance the compost structure.

As COMPOSTER+ does not degrade, your compost will continue to see the benefits season after season.

COMPOSTER 1L | 40631 | 3L | 40632



LAVA-LITE ORCHID-GRO+

help your soil breathe

ORCHID-GRO+ is a specialist orchid growing medium that provides your new plants with some real advantages and an environment to thrive in.

This product is not only pH neutral but also aesthetically pleasing. The decorative stones are great to look at and enhances the overall appearance of your plant display. Add to this a whole host of other additional benefits, such as moisture controlling and excellent drainage, and ORCHID-GRO+ makes taking care of orchids effortless.

Mixing ORCHID-GRO+ with bark, another orchid soil or your preferred orchid growing medium also offers additional aeration.



LAVA-LITE CACTUS-GRO+

provide plant stability

Despite their hardy outer exterior, indoor cactus plants need caring for too!

Well-drained soil with careful water management will ensure that your cactus achieves its best results. CACTUS-GRO+ can help create the perfect environment for your cactus to thrive in, promoting healthy root systems and providing excellent drainage through its moisture retention. This makes watering your cactus a lot easier to manage. This growing medium is the perfect choice for all your cactus and succulent growing needs. This 100% natural, pH-neutral product is also highly decorative, adding to the aesthetics of your plant display.

CACTUS-GRO+ can be used as part of a cactus potting mix or cactus potting soil. It can also be used on its own as a complete cactus potting medium if you are propagating cacti and succulents for better root growth, and it looks fantastic as a top dressing.



LAVA-LITE NO-GNATS

control gnats and gnat larvae

A house full of beautiful plants and potted flowers offers a calming living environment. However, all that lovely moist soil is the perfect breeding place for fungus gnats. The adults lay their eggs in the damp warm soil or peat, soon to complete their life cycle and fill your room with small annoying black gnats looking for the next place to lay their eggs.

NO-GNATS offers a simple, 100% natural solution to the eradication of these annoying insects. By creating a barrier between the soil and the air, NO-GNATS inhibits the gnats' ability to lay eggs in the soil.

It also offers the added benefit of being a pH-neutral product that can be used with any household plant variety, and its composition increases moisture retention.



LAVA-LITE NO-SLUGS

do not cross!

Why kill slugs when NO-SLUGS offers a caring alternative?

This product preserves your plants by creating a ring of protection that slugs and snails don't like to cross. NO-SLUGS is a highly absorbent material that both deters the attackers and protects your plants.

Should a slug choose to attempt to cross the material and not make it, any predator consuming the slug can do so without fear of poisoning.

NO-SLUGS is a naturally derived non-toxic product; it is safe for children, pets and animals. It contains no chemicals or pesticides and can be safely dug into soil, offering the fringe benefit of soil aeration.

Choosing NO SLUGS is a sound ecological decision, giving your unwanted visitors a chance to simply move on.

ORCHID GRO 1L | 39310 | 3L | 38433

CACTUS GRO+ 1L | 39311 | 3L | 39312

NO GNATS 1L | 38435 | 3L | 38434 | 20L | 41656

NO SLUGS 1L | 39061 | 3L | 39062



VEGEPOD

container gardening

This easy-to-manage contained raised gardening bed is perfect for the home.

Control your growth and veggie quality in a separate environment, away from the ground and away from pests.

Veggie health is ensured with our self-watering technology, which uses a wicking system and waters the plants from below. Plants can last weeks without watering in our VegePods.

Create a greenhouse in your backyard using a polyethylene knitted mesh to protect crops from UV and pests. The cover also helps manage the temperature by allowing water and air to penetrate it.

Easy growing, all year round

Keep pests and wildlife out and minimise weather damage

All season commercial grade Vegecover canopy inc.

Self watering wicking bed system and an In built irrigation system with 2 misting sprays



SMALL RAISED GARDEN BED

Size - (W)50 x (L)100 x (H)103cm
Growing Depth - 26cm
Soil Required - 2 (60l) bags

| | | | |
|--------------------|-------|-------------------|-------|
| SMALL | 39033 | INC TROLLEY STAND | 39044 |
| TROLLEY STAND ONLY | | 39036 | |

MEDIUM RAISED GARDEN BED

Size - (W)100 x (L)100 x (H)103cm
Growing Depth - 26cm
Soil Required - 4 (60l) bags

| | | | |
|--------------------|-------|-------------------|-------|
| MEDIUM | 39034 | INC TROLLEY STAND | 39042 |
| TROLLEY STAND ONLY | | 39037 | |

LARGE RAISED GARDEN BED

Size - (W)200 x (L)100 x (H)103cm
Growing Depth - 26cm
Soil Required - 8 (60l) bags

| | | | |
|--------------------|-------|-------------------|-------|
| LARGE | 39035 | INC TROLLEY STAND | 39041 |
| TROLLEY STAND ONLY | | 39038 | |



VEGEBAG

container gardening

Vegepod's signature self watering reservoirs have been customised for the Vegebag. Holding 6L of water the unique wicking cell reduces watering by up to 80%.

Vegetables are watered from their roots up with soil nutrients being sucked up into the root system rather than washed from the bag, as most traditional pot plants do.

Vegepod's signature mesh encases the Vegebag thus providing amazing growth rates as well as protecting against wildlife, pets, pests, bugs and inclement weather.

Simply pop the bag open and place the wicking cell in the bottom of the Vegebag then fill the bottom section with a good quality compost (80L) and plant your veg. Make sure your Vegebag has adequate sun (we suggest 6 hours) and is watered in the absence of rain.

Great for all herbs, leafy greens and root vegetables

Ideal when containment growing is desired

Rubber handles for easy movement

Hard plastic base for durability with drainage holes to prevent flooding

Significant soil levels for root vegetables

Collapsible design for easy access and storage

Double zipped opening for easy access to your plants





MAXIBRIGHT

MAXILED

perfect for propagation and vegetative growing

Introducing MaxiLED Propagation Strips, the latest edition to the Maxibright LED range.

Available in either 26W (55cm) or 30W (100cm) strips.

Each pack contains 2 x strips. 6500K colour temperature

(26W) 57 µmol/s (30W) 66 µmol/s total light output (PPF) per strip.

MAXIBRIGHT MAXILED

37569



SECRET JARDIN

COSMORROW® LED GROWING

perfect for propagation and vegetative growing

The Cosmorrow LED GROWING is perfect for propagation and the vegetative stage of plant development.

It can be as close as you want to the plants, but we usually advise keeping a 15cm distance to avoid having to move them too often.

COSMORROW LED GROWING

37569



GARDEN HIGHPRO

LEDMAXPRO

propagation lighting system

GARDEN HIGHPRO'S LEDMAXPRO has the ideal light spectrum for cuttings and seedlings. It promotes optimal root and leaf growth with minimal power consumption.

The LEDMAXPRO has a system of LED bars designed for growing of seedlings, small plants and micro greens, they do not generate excess heat and are IP65 waterproof.

LEDMAXPRO S

38121

M

38122

L

38123

XL

38124

GARDEN HIGHPRO

MICROGREEN HOME

professional propagation systems

GARDEN HIGHPRO offer a range of propagator tents to help create the perfect environment for commercial or hobby microgreen production.

Constructed from strong and tear-resistant 420D Nylon Fabric, Strong steel frames and an inner surface covered with highly reflective plant friendly Mylar.

The high-quality zippers are lightproof and corrosion resistant.

The whole of the front is a clear plastic viewing area. A Velcro attached blackout cover is provided to allow a night cycle in permanently lit areas.

The tents have saleable holes for electric cables and ventilation.

A perfect match to the LEDMAXPRO lighting system.

Propagator S

Propagator M

60x40x40cm

80x60x40cm

Propagator L

Propagator XL

60x40x200cm

120x40x200cm



S



L

MICROGREEN HOME S

05921

M

05922

L

05923

XL

05924



AUTOPOT EASY2PROPAGATE

easy2Propagate's size and features deliver entirely new levels of growing potential and plant control.

A cavernous 200mm lid height offers your plants more headroom than any other single piece propagator lid available giving you greater choice as to when you transplant. Four large, fully adjustable vents allow growers unparalleled scope to fine-tune an environment in which young plants can thrive.

easy2Propagate ties together the proven growing technology of the AutoPot range. Fitted with four 9mm piping ports, it is designed to accommodate an AQUAvalve for easy integration with low maintenance AutoPot watering systems.

AUTOPOT 1POT SYSTEMS

This versatile system can be used in the home, greenhouse, polytunnel garden to feed and water your plants and offers an easy and efficient watering system for all manner of crops whether edible or ornamental.

The 1Pot module is the number one best seller for AutoPot in the UK and performs extremely well in both national and international horticultural markets. Whatever medium you choose the 1Pot system enables gardeners and growers of all abilities to achieve incredible yields from their plants.

The 1Pot System is easily extended and many 15L pots can be linked to a single reservoir.

The pots and trays are modular and can be easily spaced apart as plants grow. Once assembled, the reservoir is filled with water and liquid fertiliser (if required), the system will completely take care of all your plant's feeding requirements, providing them with fresh, balanced feed throughout their entire life cycle.

AUTOPOT AQUABOX SPYDER

The AQUABox Spyder offers a revolutionary self-watering solution for Grow Your Own enthusiasts. No mains water supply, pumps or timers are required. Simply connect to an existing water barrel to automatically water a 1.2sq/m area.

Positioned directly in the ground the AQUABox Spyder is ideal for watering conventional beds or the increasingly popular raised beds. A series of capillary wicks fan out from the AQUABox Spyder distributing water under the soil, across an area of up to 1.2sq/m.

With the AQUAvalve at its core, the AQUABox Spyder draws on the water supply (water barrel or tank) as required by the plants, ensuring a fantastically efficient use of water. The roots of the plants instinctively head towards the water source, attaching themselves to the capillary wicks below the soil level. The capillary wicks should be changed every growing season.

AUTOPOT TRAY SYSTEMS

Maximise your growing space with AutoPot Tray Systems. These innovative and efficient irrigation solutions were developed with our commercial partners and are now available to the public.

Our development partners wanted to pull as much profit per square metre as possible. Tray systems allow you to achieve this with the capacity to irrigate multiple pots in single tray and lid assembly, all fed by a single AQUAvalve.

AutoPot Tray Systems run on exactly the same AQUAvalve-driven technology as our other systems. You are still growing power-free, with not a drop of water wasted. But Tray Systems can cut your overheads further. The reduction in components as opposed to multiple individual pots and trays (each with their own valve and line) means a fraction of the maintenance duties.



GARDEN HIGHPRO

PROPOT FABRIC POTS

Strong and re-usable
Square-based to optimise the growing space
Ideal for indoor and outdoor growing
Lets roots breathe

GRONEST

FABRIC POTS, TRANS-PLANT & GROW BAG

breathe life

These fabric pots are designed for indoor and outdoor use by commercial nurseries, organic growers and home gardeners.

GENERIC FABRIC POTS

Prevent plant roots from entangling and circling using these breathable fabric bags. They ensure that roots grow quicker and healthier by allowing the soil to aerate, unlike traditional plant pots.

| POTS | | | | | | | |
|------|-------|--------|--------------|-------|-------|--------|--------------|
| SIZE | ROUND | SQUARE | SQUARE ROUND | SIZE | ROUND | SQUARE | SQUARE ROUND |
| 1L | 05588 | | 05520 | 15L | 36254 | | |
| 2L | 02980 | | 05521 | 18L | | 36255 | |
| 3L | 36996 | | 36153 | 20L | 36161 | | |
| 4.5L | | 05114 | 05522 | 23L | 05529 | | |
| 5L | 05524 | 06152 | 38859 | 25L | 39332 | 06112 | |
| 6.5L | | 01659 | | 30L | 38117 | | |
| 7L | | 05707 | | 30L | 05575 | | |
| 7.5L | 05525 | | | 35L | 38860 | 42315 | |
| 10L | 05526 | | | 35L H | 02393 | | |
| 11L | | 05589 | | 45L | 39215 | | |
| 12L | 36159 | | | 50L H | 04514 | | |
| 14L | | 41624 | | 55L H | 05577 | | |

| SAUCERS | | |
|---------|-------------|--------|
| SIZE | ROUND | SQUARE |
| 25cm | | 05111 |
| 26cm | | 38774 |
| 28cm | 36501 | |
| 29cm | | 05959 |
| 30cm | 37308/00747 | |
| 32cm | 02386 | |
| 35cm | 39012/36976 | |
| 37cm | 36502 | |
| 40cm | 36499 | |
| 45cm | 38429/36503 | |
| 52cm | 03036 | |
| 60cm | 38118 | |

GARDEN HIGHPRO

PROPOT WALL GEOTEXTILE

Very strong and reusable
Variety of plant pockets (4,8 or 12)
Ideal for indoor and outdoor growing
Lets roots breathe properly

Propots use 'air-pruning' to encourage a dense and fibrous radial root system.

Effectively eliminate root circling around the sides of the pot. Reduce the time it takes to develop a thick root system. Increased performance over conventional pots.

CALL OR LOGIN TO THE PORTAL FOR ALL AVAILABLE SIZES





**IBEBOT
AIRCOMFORT**

connected temperature & humidity reporting

The AirComfort is a Bluetooth-connected thermo hygrometer. The AirComfort Bluetooth temperature and humidity sensor is a very useful gadget that lets you keep an eye on your grow room temperature and humidity levels. It wirelessly connects to any smart phone via secure Bluetooth and uses an app to display the readings and change settings.

The AirComfort records and stores temperature and humidity data and can be downloaded to the app when you are in range – simply open the app and refresh the feed, and all the information will be quickly available.

There are a range of options you can set, including how often the unit records information.

You can also set up an alert for when the set parameters are passed, be it too hot, too cold, too damp or too dry. With the touch of a button, you can view the historical data in graph form, so you can easily see the highest and lowest points of both measurements.

AIRCOMFORT HH INC CARABINER 36580 ORANGE 05780 PURPLE 05779



**IBEBOT
SOILQUALITY**

connected soil moisture & nutrient sensor

The ultimate soil sensor allows you to track and take care of your plants by making soil moisture and soil nutrient data available through a mobile app. With the SoilQuality sensor, you'll know when your plants are thirsty or in need of more nutrients for growth. It is water resistant and perfect for your indoor plants and kitchen garden.



The app connects to the SoilQuality sensor via Bluetooth so that you can monitor, track and analyse the soil conditions of your garden.

SOILQUALITY SENSOR 39135



**GARDEN HIGHPRO
PROHYGRO HYGROTHERMO PREMIUM**
indoor thermometer with hygrometer
Japanese components for precise measurements
Indoor-humidity range 25% to 90% RH
Temperature range: 0° - 50° C / 32° - 122°F

PROHYGRO HYGROTHERMO PREMIUM 05404



**GARDEN HIGHPRO
PROHYGRO HYGROTHERMO MEDIUM**
indoor thermometer with hygrometer
Accuracy 1° C RH 5%
Indoor-hygro range 25% to 90% RH
Temperature range: 0° - 50° / 32° - 122°F

PROHYGRO HYGROTHERMO MEDIUM 04797



16L KNAPSACK SPRAYER

A 16L backpack pump. A general-purpose pressure sprayer with a side handle, hand pump and comfortable shoulder strap.

Adjustable spray lance to enable easy and accurate spraying with a safety pressure release valve.

The anatomically shaped tank offers balanced weight distribution when in use.

KINGFISHER 16L KNAPSACK SPRAYER 05240

1.5L PRESSURISED SPRAYER

Pressurised sprayers are a must-have when dealing with grow room pests.



PRESSURISED SPRAYER 04671



5L PRESSURE SPRAYER

A 5L pump sprayer with a shoulder strap for easy and comfortable use.

The sprayer features a built-in lid-based hand pump and a safety pressure release valve. The spray lance is easy to use and adjustable to enable accurate spraying.

PRESSURE SPRAYER 5L 05849



GARDEN HIGHPRO PUMPRO

Moisten your plants in an efficient and uniform way.

It features 3600 nozzle rotation and a resistant pumping system.

PUMPRO 38070



WATERING CAN

Modern and stylish. Strong and durable. Complete with a detachable sprinkler rose to control water flow.

WATERING CAN 38667



SPACESAVER 100L BUTT

SPACE SAVER 100L WATER BUTT 01224



350L MAGNUM BUTT

350L MAGNUM WATER BUTT 01253



GARDEN SCOOP

Made from durable and lightweight polypropylene. Profiled handle with hole for hanging. Ideal for dispensing seeds, powders, pellets and other dry materials. Capacity: 500ml.

GARDEN SCOOP 38668



WIGWAM CANE GRIPS

Easily build support for plants by pushing it over the top of canes or bamboo, meaning there is no need for ties or twine.

You can use up to six canes between 5 and 13mm.

WIGWAM CANE GRIPS 38755

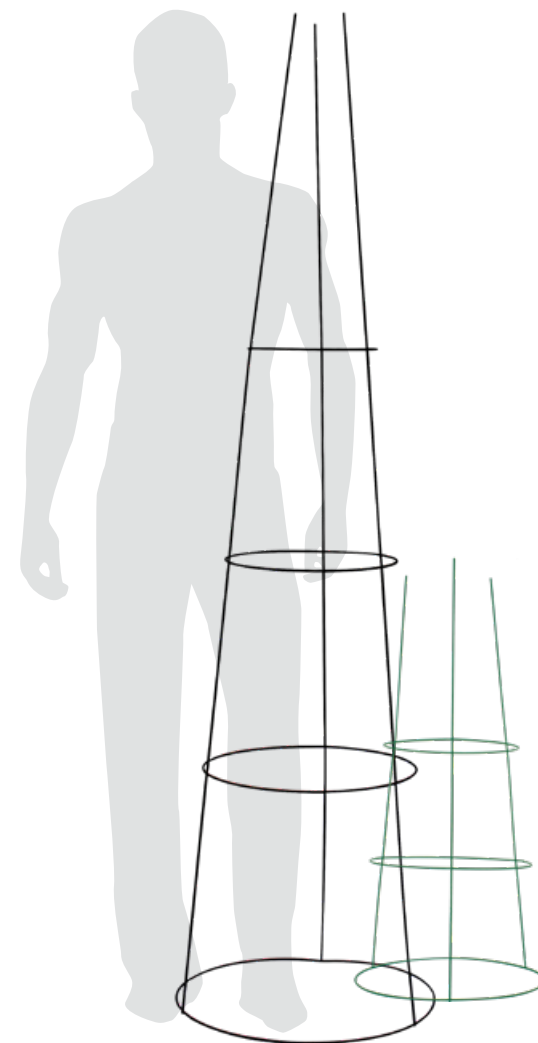


BAMBOO CANES

These pre-packed bamboo canes are the enthusiastic gardener's ideal accessory!

Made from strong, durable, long-lasting and flexible bamboo, these canes are available in 20 or 25 pack sizes at a convenient 1.2m length.

CALL OR CHECK PORTAL FOR SIZES



PLANT TRELLIS SUPPORT

Plastic-coated steel. Available in various sizes.

CALL OR CHECK PORTAL FOR SIZES



PLANT LABELS

These stick-in plant labels are extremely hard-wearing, sturdy and easy to write on. The plant labels are slightly porous, allowing for easy permanent marking. Easy to push into compost or soil.

PLANT LABELS 38755



GARDEN TWISTY TIES

Strong, flexible plant ties coated in soft PVC to help aid plant growth.

Suitable for garden and household use. Available in 4.8 or 8m lengths.

2.5 x 8mm 37076 4.8 x 5mm 37077

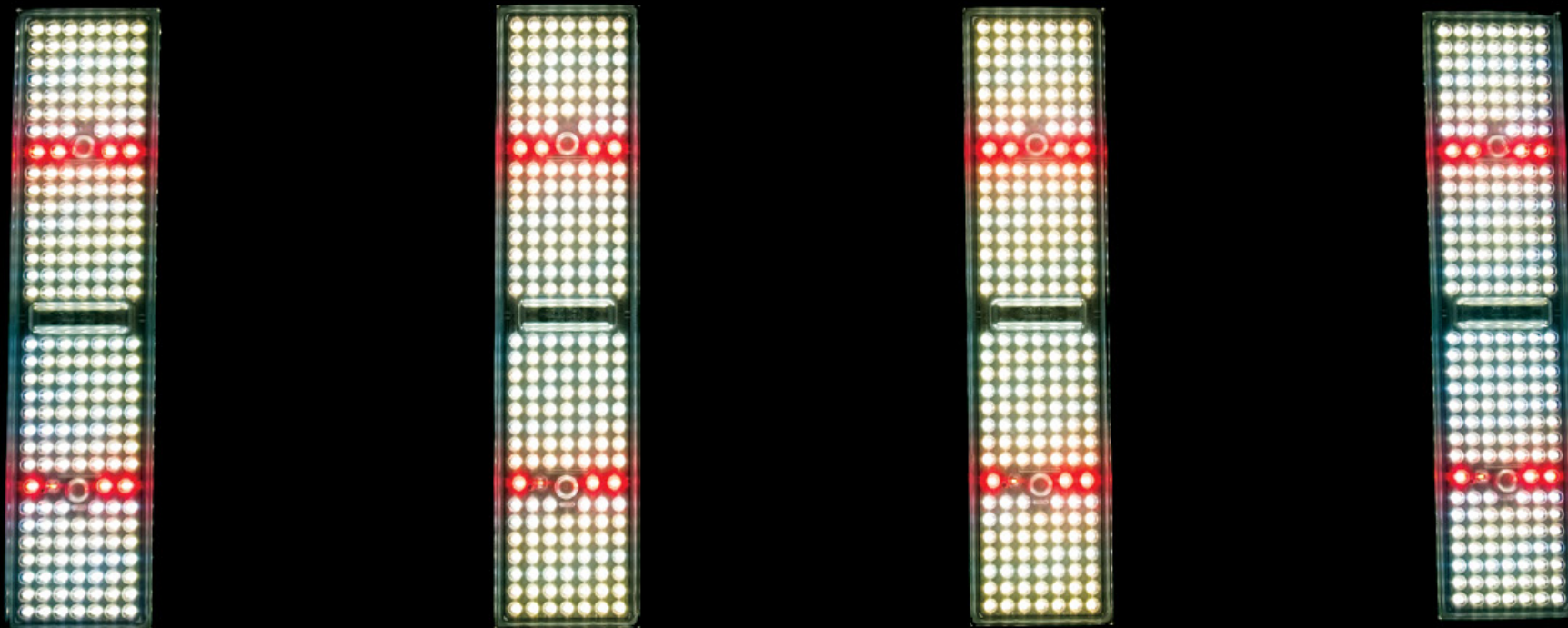
4.8mm 37254



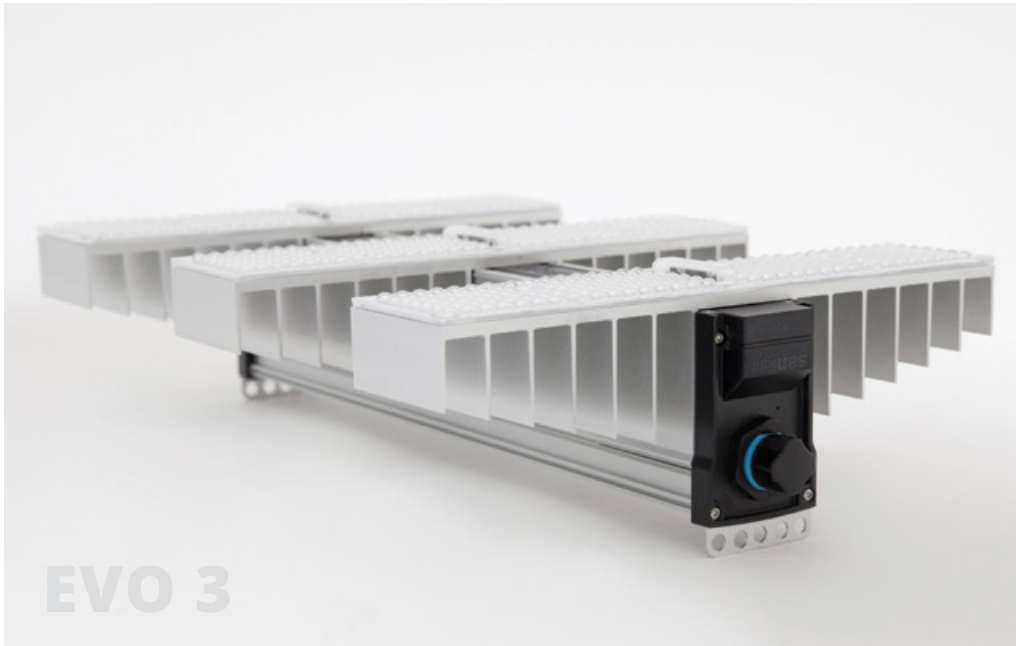


2019

LIGHTING



SANlight
The EVO-Series
The peak of EVOLution



EVO-SERIES

high efficiency LED plant lighting system

The EVO-Series elevates your cultivation space to the top tier of LED growing. SANlight is the leading LED light manufacturer and is known for creating some of the best plant-cultivation LEDs in the market.

The EVO-Series offers superb advanced efficiency of more than $3\mu\text{mol}/\text{J}$ at the module level.

The EVO-Series introduces SANlight's newly developed highly sophisticated three-dimensional secondary optics. These brand new optics capture more than 95% of total photons and direct them where you want them, bathing your plants with diffused light.

The EVO-Series LED lights combine years of in-house expertise and external research to bring you the best new LED technology!

With the SANlight EVO-Series LED grow lights, you benefit from maximum flexibility, the best system efficiency and sustainability over the LEDs' lifetime.

Maximisation

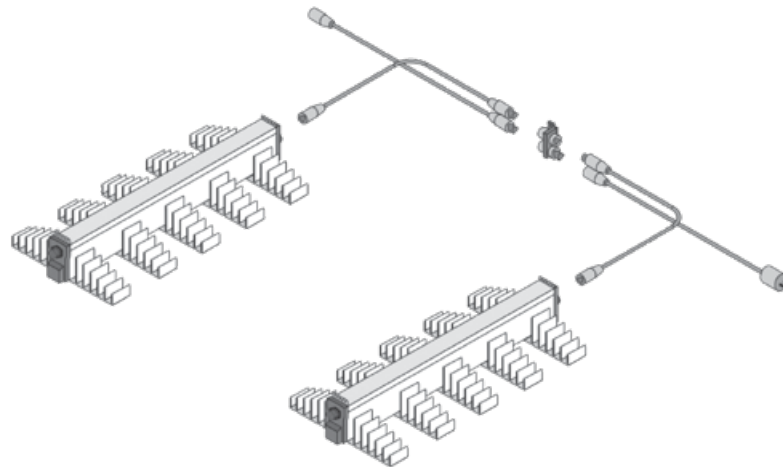
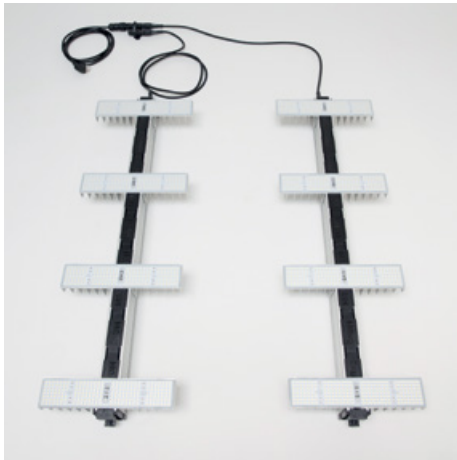
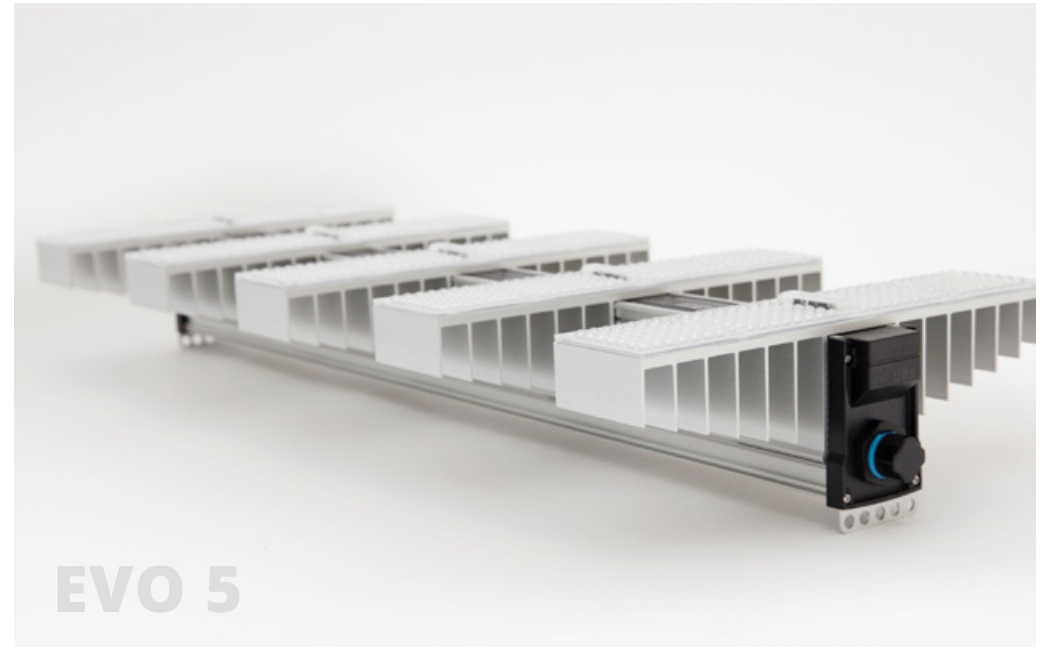
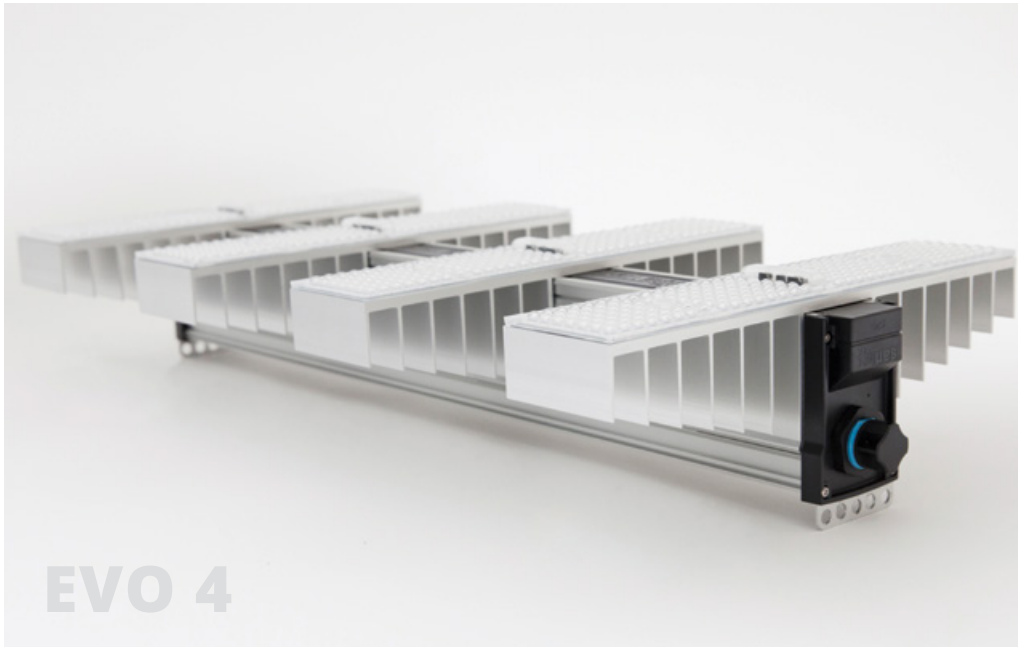
Even if our lights are a little higher at first glance, in practical use, quite a bit of height can be saved. In most grow rooms, filters and ventilation systems are mounted on the ceiling. With our EVO-Series, the required equipment can be positioned between the lights, and no centimetre of usable height is lost. Lighting systems from other manufacturers must be mounted below the ventilation system due to their design, which wastes significantly more space. This applies to both small grow tents and large professional installations.



Ready to dim

Each model of the EVO-Series is 'ready to dim'. This means that each lamp is compatible with the typical control systems that are used in greenhouse technology. Alternatively, you can retrofit the lamp with a magnetic dimmer or Bluetooth dimmer. Compared to rotary potentiometers, ours don't wear out, and humidity and water cannot harm them.

| | | | | | | | | | | | | | | | | | |
|-----------------|-------|------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| EVO SERIES 3-60 | 38968 | 3-80 | 38969 | 3-100 | 38970 | 4-80 | 38971 | 4-100 | 38972 | 4-120 | 38973 | 5-100 | 38974 | 5-120 | 38975 | 5-150 | 38976 |
|-----------------|-------|------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|



Daisy chaining for the EVO-Series...

There are plenty of different connection options available for the SANlight EVO System, which is why we do not include a power cord with every lamp. Not only does this protect our planet from senseless pollution, it also saves valuable resources. It gives you the possibility and flexibility to build a plug-and-play system tailored to your needs.

| | EVO 3 | EVO 4 | EVO 5 |
|------------|---------------|---------------|---------------|
| POWER | 190W | 250W | 320W |
| PPF | 520 | 696 | 870 |
| WEIGHT | 3.5/3.8/4.1KG | 4.5/4.8/5.1KG | 5.6/5.9/6.4KG |
| PROTECTION | IP65 | IP65 | IP65 |

COMPLETE SANLIGHT EVO SET UP



SANLIGHT 60 SET

60cm x 60cm cultivation area.

- 1x EVO 3-60
- 1x Power Cord
- 1x SANlight Hangers (2 Pcs.)
- 1x SANlight M-Dimmer

SANLIGHT 80 SET

80cm x 80cm growing area.

- 1x EVO 4-80
- 1x Power Cord
- 1x SANlight Hangers (2 Pcs.)
- 1x SANlight M-Dimmer

SANLIGHT 100 SET

100cm x 100cm growing area.

- 2x EVO 3-100
- 1x Y-Power Cord
- 2x SANlight Hangers (2 Pcs.)
- 2x SANlight M-Dimmer

SANLIGHT 120 SET

120cm x 120cm growing area.

- 2x EVO 4-120
- 1x Y-Power Cord
- 2x SANlight Hangers (2 Pcs.)
- 2x SANlight M-Dimmer

SANLIGHT 150 SET

150cm x 150cm growing area.

- 2x EVO 5-150
- 1x Y-Power Cable
- 2x SANlight Hangers (2 Pcs.)
- 2x SANlight M-Dimmer

| | | | | | | | | | |
|--------|-------|--------|-------|---------|-------|---------|-------|---------|-------|
| 60 SET | 40938 | 80 SET | 40939 | 100 SET | 40940 | 120 SET | 40941 | 150 SET | 40942 |
|--------|-------|--------|-------|---------|-------|---------|-------|---------|-------|





SANLIGHT
Q1W DIM

compact and flexible linear light

**125 $\mu\text{mol/s PPF}$ 2,7 $\mu\text{mol/J}$ - Broadband full spectrum - 90° beam angle
3 years full warranty - Passive and soundless cooling**

The SANlight Q1W DIM LED module has been designed for the home and hobby sector. It offers maximum flexibility, especially for smaller areas of plant cultivation. The combination of high-quality light sources, and matching supply electronics with dimming function, guarantee a high light output with a long service life and high energy efficiency. Passive cooling increases the reliability and there is no operating noise.

A universally applicable light spectrum enables both the raising of young plants and seedlings as well as the successful cultivation of ornamental, flowering and fruit-bearing plants.

The dimming function allows the light intensity to be regulated in 20% steps: 0% - 20% - 40% - 60% - 80% - 100%

The Q1W DIM covers a very wide range of applications, it can be used to illuminate smaller cultivation areas, as a spotlight for single plants, for pre-growing young plants or as an extension for existing lighting. Depending on the growth stage and plant species or area, the light intensity can be adjusted by the dimming function or the number of individual modules. This way you can always create the optimal lighting solution for your individual cultivation needs.





**SANLIGHT
FLEX II**

compact and flexible linear light

The SANlight FLEX II series is a compact and powerful LED lighting solution with a wide range of applications: from multilayer applications, as interlight, for rooting plants to as a lighting solution for indoor plants.

The revised light spectrum of the SANlight FLEX II series is exceptionally broadband and has a balanced FarRed/Red ratio. This not only accelerates rooting in cuttings, it also strongly promotes growth in the first phase of plant life. In addition, it can also be used very well for lighting a wide variety of indoor plants.

Due to the generously designed passive cooling, the luminaire remains cool even during operation. In combination with the high IP68 protection rating, this allows the SANlight FLEX II to be used between plants where no light would otherwise reach. This greatly improves the quantity and quality of your harvest.

Used in multilayer systems, the wide and homogeneous radiation characteristic ensures perfect light distribution, even with small distances between light source and plant tip. In addition, the small overall height reduces the space required for the individual tiers. To keep installation simple even in larger systems, several luminaires can be supplied via a common LED driver. The luminaires can be connected directly to each other with the available connecting cable without tools. The mounting bracket can also be moved for convenient installation.

This makes the SANlight FLEX II an extremely flexible system for any application such as seedling cultivation, interlighting applications and indoor plants.



Available in three different lengths and power classes

Compact space-saving design

Cool operating temperature

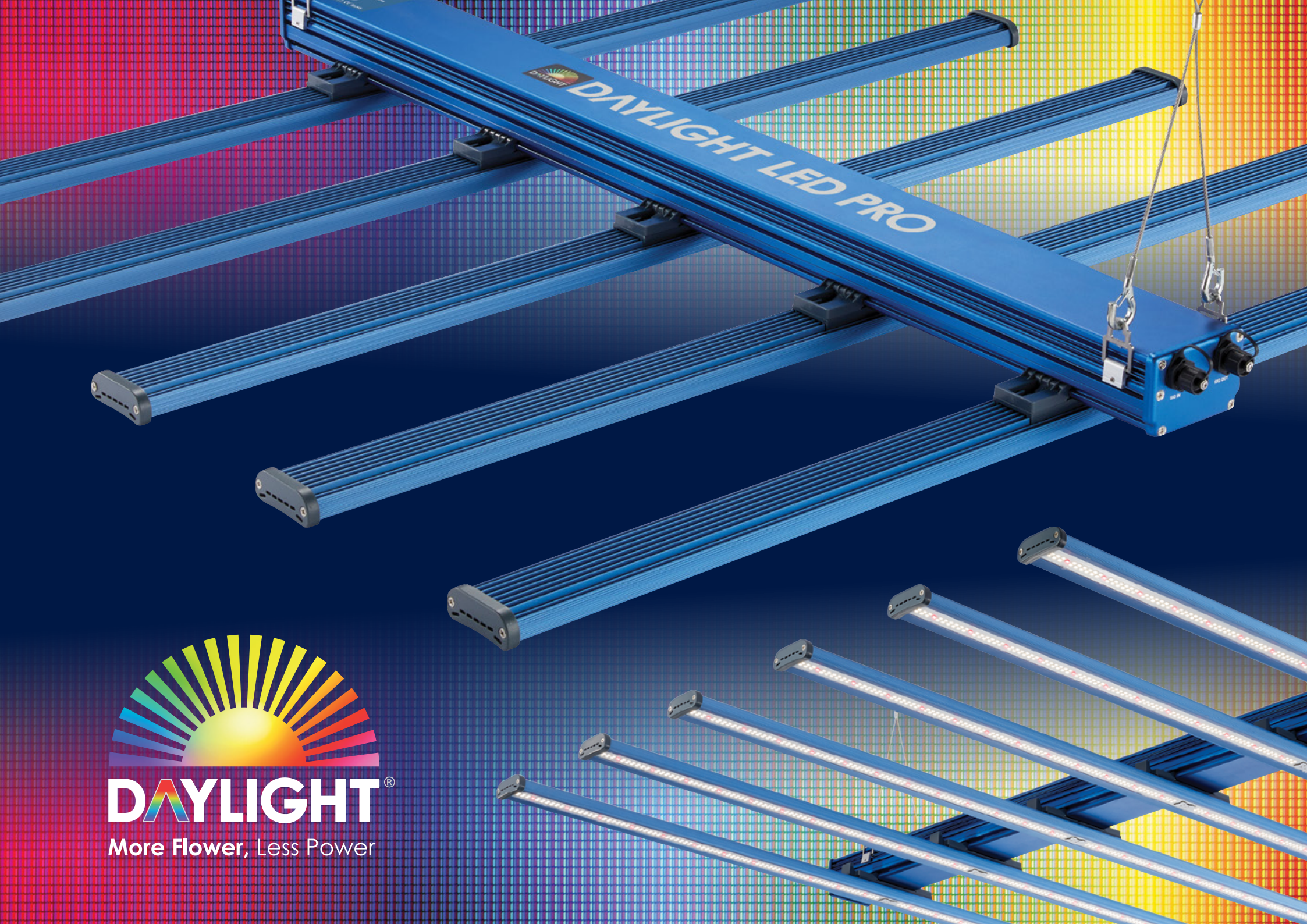
Broadband light spectrum

Operation of several luminaires with one LED driver

Waterproof IP65

Homogeneous wide beam distribution 113-133°

Rectangular light distribution



DAYLIGHT LED PRO



DAYLIGHT[®]
More Flower, Less Power

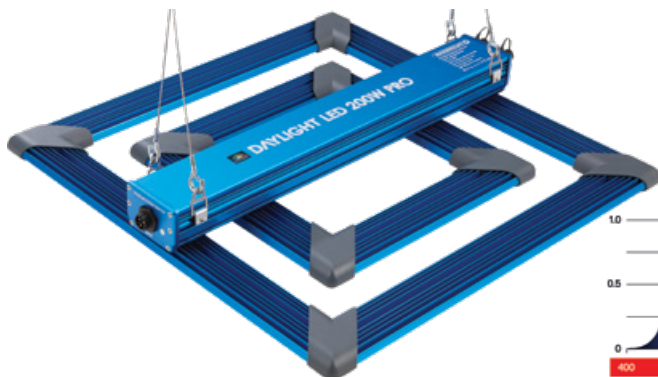


DAYLIGHT 200W LED PRO

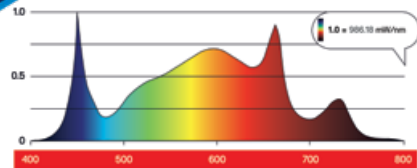
lumiled white (2.85 $\mu\text{mol/J}$) and lumiled red (3.65 $\mu\text{mol/J}$) chips.

The DAYLIGHT 200W PRO is the perfect choice. With an impressive total output of 500 $\mu\text{mol/s}$ and a fixture efficiency of 2.5 $\mu\text{mol/J}$.

This unit boasts all the incredible features of the standard version PLUS remote dimmer, IP65 Ingress Protection and the ability to control multiple units via iLink using the DAYLIGHT Lighting Controller.



500 $\mu\text{mol/s}$
Total Output (PPF)



DAYLIGHT 200W PRO

41605

DAYLIGHT 200W LED

lumiled white (2.49 $\mu\text{mol/J}$) and lumiled red (1.9 $\mu\text{mol/J}$) chips.

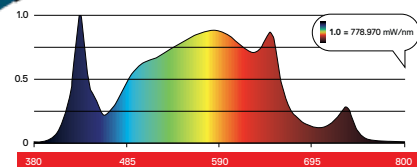
For growers who find that space is it at a premium, the DAYLIGHT 200W LED is designed to perfectly cover a smaller footprint of 0.8m x 0.8m.

Boasting a fixture efficiency of 2.3 $\mu\text{mol/J}$ and a total output of 460 $\mu\text{mol/s}$.

There is no better option for growers dealing with those tight spaces! Full spectrum (including far-red) and using high-quality Lumiled chips means an exceptional rate of growth from plants in a small area.



460 $\mu\text{mol/s}$
Total Output (PPF)



DAYLIGHT 200W

39063

DAYLIGHT 300W LED PRO

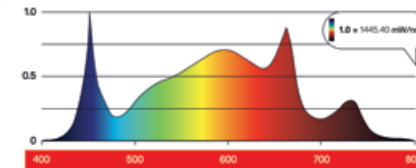
lumiled white (2.85 $\mu\text{mol/J}$) and lumiled red (3.6 $\mu\text{mol/J}$) chips.

With an outstanding total output of 750 $\mu\text{mol/s}$ and a fixture efficiency of 2.5 $\mu\text{mol/J}$.

This unit retains all of the brilliant features that made the standard version so effective PLUS a remote dimmer, IP65 Ingress Protection and the ability to control multiple units via iLink using the DAYLIGHT Lighting Controller.



750 $\mu\text{mol/s}$
Total Output (PPF)



DAYLIGHT 300W PRO

40410

DAYLIGHT 300W LED

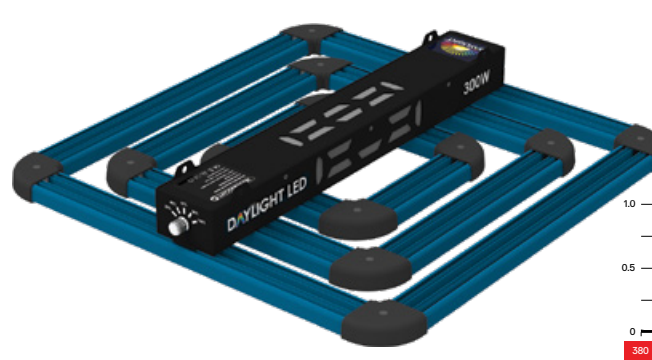
lumiled LEDs white (2.85 $\mu\text{mol/J}$) and lumiled red (2 $\mu\text{mol/J}$) chips.

For growers who find that space is it at a premium, the DAYLIGHT 200W LED is designed to perfectly cover a smaller footprint of 0.8m x 0.8m.

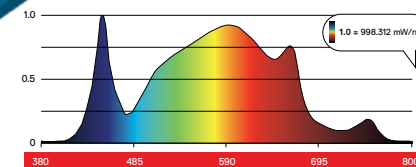
Boasting a fixture efficiency of 2.3 $\mu\text{mol/J}$ and a total output of 460 $\mu\text{mol/s}$.

There is no better option for growers dealing with those tight spaces!

Full spectrum (including far-red) and using high-quality Lumiled chips means an exceptional rate of growth from plants in a small area.



690 $\mu\text{mol/s}$
Total Output (PPF)



DAYLIGHT 300W

38675

DAYLIGHT 480W LED PRO (2ND GEN)

lumiled white (3.0 $\mu\text{mol}/\text{J}$) and Osram red (3.9 $\mu\text{mol}/\text{J}$) chips.

Introducing the DAYLIGHT 480W LED PRO, for growers looking for higher outputs and greater yields in a more compact and versatile unit.

The DAYLIGHT 480W LED PRO boasts a full spectrum of light with a fixture efficiency of 2.8 $\mu\text{mol}/\text{J}$ and a total output of 1344 $\mu\text{mol}/\text{s}$.

This is all made possible by 5 bars of high-quality Osram and Lumiled LED chips, covering a 1.2m x 1.2m area perfectly, with outstandingly uniform light coverage.



DAYLIGHT 480W PRO

38619

DAYLIGHT 660W LED PRO (2ND GEN)

lumiled white (3.0 $\mu\text{mol}/\text{J}$) and Osram red (3.9 $\mu\text{mol}/\text{J}$) chips

Introducing the DAYLIGHT 660W LED PRO, our 'Flagship' high output LED lighting fixture.

With an impressively high PPF of 1848 $\mu\text{mol}/\text{s}$ and a fixture efficiency of 2.8 $\mu\text{mol}/\text{J}$.

This unit pushes LED grow lighting to the next level. It's 6 bars of high-efficiency Osram and Lumiled LED chips cover a 1.5m x 1.5m area perfectly, with outstandingly uniform light coverage.



DAYLIGHT 660W PRO

42093

DAYLIGHT 480W LED

lumiled LEDs white (2.6 $\mu\text{mol}/\text{J}$) and Osram red (3.15 $\mu\text{mol}/\text{J}$) chips.

Introducing the DAYLIGHT 480W LED. These fixtures boldly bridge the gap between the higher and lower powered units in the range, meaning they're adaptable to a wide range of applications such as propagation, multi-layer gardening and grow tents/rooms.

The DAYLIGHT 480W LED boasts a full spectrum of light with a fixture efficiency of 2.3 $\mu\text{mol}/\text{J}$ and a total output of 1104 $\mu\text{mol}/\text{s}$.



DAYLIGHT 480W

38618

DAYLIGHT 660W LED

lumiled white (2.6 $\mu\text{mol}/\text{J}$) and Osram red (3.15 $\mu\text{mol}/\text{J}$) chips

Our new and improved DAYLIGHT 660W LED features the same outputs that made the original our most successful and popular unit.

What sets it apart is the brand new design of the fixture and the host of new features that come along with it!

With a PPF of 1518 $\mu\text{mol}/\text{s}$ and a fixture efficiency of 2.3 $\mu\text{mol}/\text{J}$, you can expect the same exceptional quality of light and improved yield as the original.



DAYLIGHT 660W

38377

DAYLIGHT 1030W LED PRO (2ND GEN)

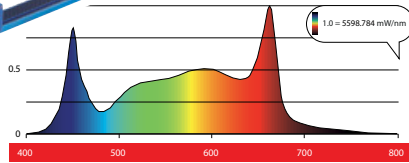
lumiled white (3.0 $\mu\text{mol/J}$) and Osram red (3.9 $\mu\text{mol/J}$) chips

Introducing the DAYLIGHT 1030W LED PRO, our most powerful LED lighting fixture.

With a blisteringly high PPF of 2884 $\mu\text{mol/s}$ and a fixture efficiency of 2.8 $\mu\text{mol/J}$. This unit continues to push LED grow lighting to the next level. It's 10 bars of high-efficiency Osram and Lumiled LED chips cover a 1.5m x 1.5m up to a 1.8m x 1.8m area, with outstandingly uniform light coverage.



2884 $\mu\text{mol/s}$
Total Output (PPF)



DAYLIGHT 1030W PRO

38911

DAYLIGHT 1030W LED

lumiled white (2.4 $\mu\text{mol/J}$) and Osram red (3.1 $\mu\text{mol/J}$) chips.

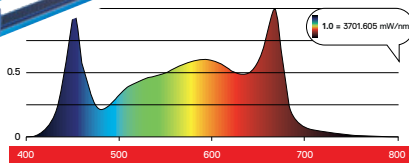
Our 2.3 $\mu\text{mol/J}$ version of the DAYLIGHT 1030W LED packs a huge punch.

With a PPF of 2369 $\mu\text{mol/s}$ and all of the features you have come to love about our LED fixtures, including a remote dimmer, IP65 protection for watertight performance, iLink compatibility and slimline design.

With 10 x high powered clip on bars, this LED is not to be overlooked if you want to add even more full spectrum light to your grow room!



2369 $\mu\text{mol/s}$
Total Output (PPF)



DAYLIGHT 1030W

38910



DAYLIGHT LIGHTING CONTROLLER precise and versatile lighting control

The new DAYLIGHT Lighting Controller has been designed and manufactured to power your grow lights, whether you are using CMH or LED technology.

Whether you want functionality like sunrise/sunset options, dimming on overheat or simply need to control the times of banks of lights with ease, this unit has you covered.

Connected via the iLink ports, you can daisy chain multiple lighting fixtures together and control them all from the one unit, with the simple touch of a few buttons. Things couldn't be made simpler for you!

DAYLIGHT LIGHTING CONTROLLER

38677



CONTROLLER TO LED ILINK CABLE

Replacement cable to link LEDs to the DAYLIGHT Lighting controller. Excluding 200W and 300W 2.3 μmol units.

CONTROLLER TO LED ILINK CABLE 5M

39127



LED TO LED ILINK CABLE

Link up to 10 x LEDs via iLink cables using dimmer. Link up to 100 x LEDs via iLink cables and the DAYLIGHT Lighting controller.

LED TO LED ILINK CABLE 2M

41808

5M

39126

LED POWER CABLE EXTENSION

Extend LED power cable to 9m For 480W/660W/1030W Daylight LED.

LED POWER CABLE EXTENSION 5M

39128





PPF 1870 μ MOL/S

DIMMABLE: 250W,400W,600W,720W (BOOST)

FULL SPECTRUM LIGHT OUTPUT FOR THE COMPLETE GROW CYCLE

FOLDABLE AND LIGHTWEIGHT - 50'000 HOURS LIFESPAN



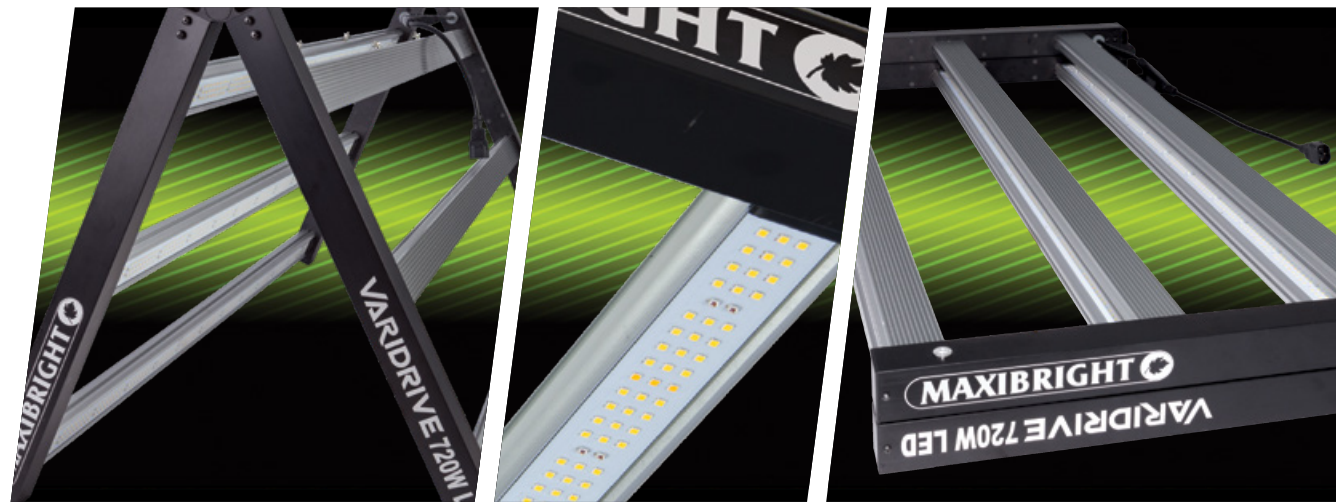
VARIDRIVE 720W LED

The Maxibright Varidrive 720W LED is a foldable LED fixture with an impressive total output of 1870 μ mol/s of full-spectrum light, delivered uniformly over a 1.5 x 1.5m area via an array of high-quality LED diodes.

Additional red light makes this fixture perfect for flowering, as well as the vegetative stage of growth.

Powered by the Maxibright Varidrive 600W variable power pack, giving you the option to dim the LED, as well as the ability to mount your power pack directly to the LED unit, or connect remotely to help control temperatures in your grow room.

Sold as kit or separately. The Varidrive ballast is on page 232.





JUNO PRO 1800 LED

affordable and incredibly powerful

The Juno Pro 1800 LED from Maxibright is both affordable and incredibly powerful.

This 720w unit boasts a very high total light output of 1800 umol/s (PPF) and is optimised to cover up to a 1.5m x 1.5m area. It features 6 LED bars which provide a uniform, full spectrum light with added red spectrum for enhanced flowering. As with all Maxibright products, this fixture is built to the same standard of uncompromising quality and can easily outperform other more expensive brands!

It is proven that the 'bar' style of LED provides the best overall results from an LED light. Due to the size of the unit there are no lenses needed to help spread the light and ultimately drop the PPF. The Juno measures 1130mm x 1100mm x 40mm, making a single light setup possible in the ever popular 1.2m x 1.2m sized grow tent, but for the very best results we suggest one light per 1.5m x 1.5m.

The Juno uses all new MaxiLED chips. These high quality chips have been had picked by Maxigrow and will provide the perfect spectral output for heavy yielding plants.

Each unit comes complete with a remote dimmer allowing you to adjust the light from 25% - 50% - 75% - 100% power. For multiple light setups, Juno



fixtures can be linked together and controller via the Juno LED Lighting Controller for the ultimate control over your grow room.



JUNO LED CONTROLLER

The Maxibright JUNO LED PRO lighting controller will provide indoor gardeners the maximum control over your lighting.

Boasting all the latest and best features the grower who's looking to achieve the highest quality & yield possible. Utilising RJ12 connections and a 0-10v signal which manages the fixtures light output, the unit will allow the grower to set a maximum permissible temperature at which point the controller will start to dim the lighting fixtures to drop below the set temp, in the event that the temps reach unmanageable levels such as a fan failure the grower sets a maximum temperature at which point the fixtures will power off.

On/Off 24hr light cycle timer

Dual zonal controlling which operate independently to each another

Controls upto 400 HID ballasts or 100 LED fixtures split between the 2 zones

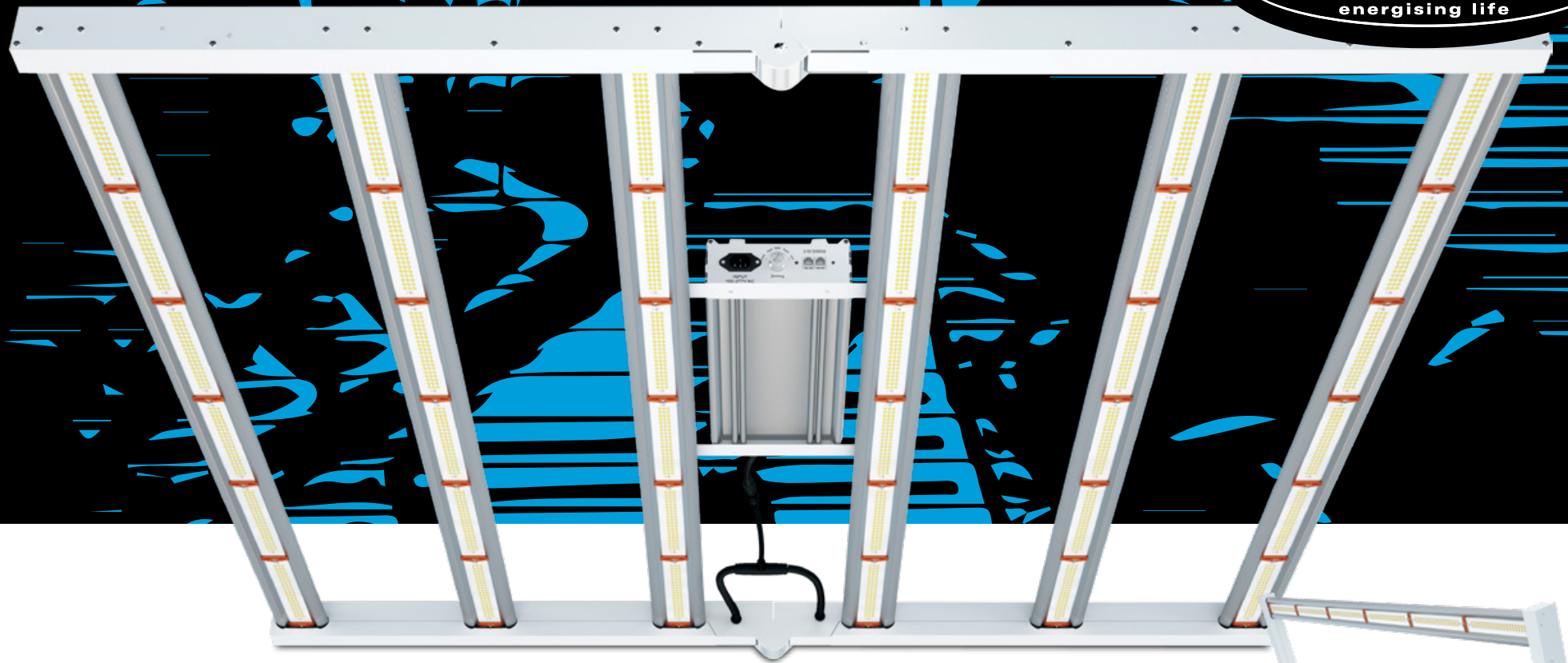
Sunset and sunrise settings: 0-30 mins

Thermostatically controlled dimming @ 1% increments

LED dim range - 20%-100% - HID dim range - 50%-100%

Temperature safety control

Control: DAYLIGHT 315W HID, 480W LED, 660W LED



ELITE LED

six-bar, low-power-consumption, higher-efficiency PPF

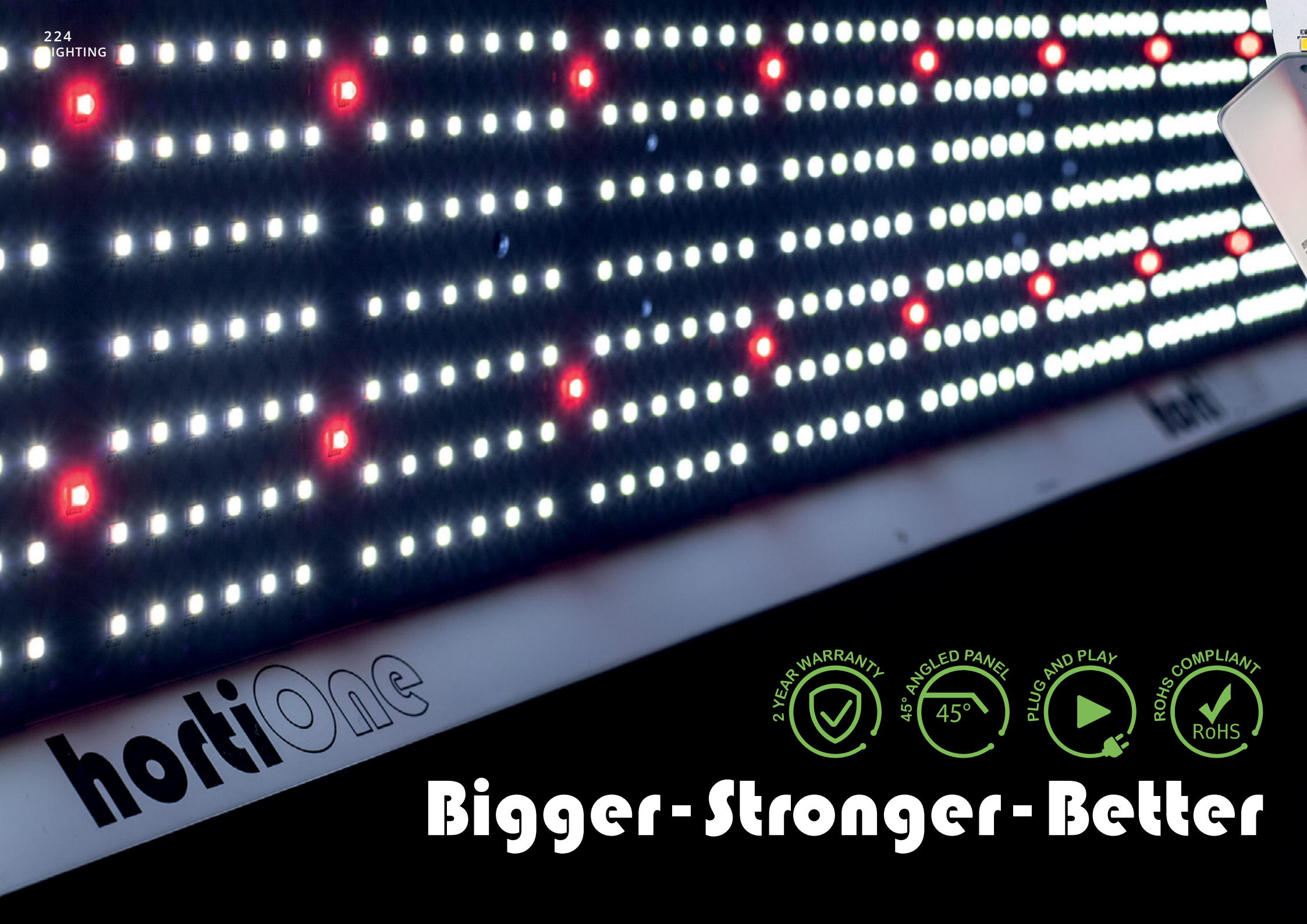
The Elite LED Model S 630 is a high-performance yet affordable high-end lighting solution for horticulture.

Designed for applications requiring efficient, precise and uniform PPF.

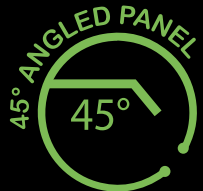
Total output of $1700\mu\text{mol/s}$, with an impressive efficiency of $2.7\mu\text{mol/j}$, producing an average PPF of $1000\mu\text{mol/s per m}^2$.

Foldable plug-and-play design for reduced shipping costs and easier transport.





hortiOne



Bigger-Stronger-Better



420 LED PANEL

150W 408µmol/s 2.9 µmol/J

45° angled LED panel for indoor cultivation.

The reflector supports diffuse lighting, leading to increasing homogeneity and higher light output in your cultivation area.

Hybrid construction using only high-quality components with full-spectrum and high-performance MID-Power LEDs (Seoul 3030C with 4000K) mixed with OSRAM giant high-power LEDs (deep-red: 660nm) for good flowering results.

Suitable for the vegetative and generative phases (full cycle). High light output for a small budget. Neutral white light for a real colour rendering and natural development of your plants.

Very high durability, longevity and chemical resistance against VOCs and sulphur.

600 LED PANEL

220W 600µmol/s 2.9 µmol/J

Extra-Long (940mm) and 45° angled LED Panel for indoor cultivation.

The Reflector supports diffuse lighting, leading to increasing homogeneity and higher light output in your cultivation area.

Due to the length, a high level of uniformity can be reached in big areas.

Hybrid construction with full-spectrum and high-performance MID-Power LEDs (3030C Plattform with 4000K) mixed with OSRAM High-Power LEDs (660nm) for good flowering results.

Suitable for the vegetative and generative phases (full cycle).

High light output for a small budget. Neutral white light for a real colour rendering and natural development of your plants.

DIMMER

ultimate light control

horitONE Dimmer Knob & Bluetooth can simultaneously control up to 3 LED drivers. hortiONE 420/600 models are plug & play.

Included are 3 cables for hortiONE LED. These can optionally be removed and all compatible drivers can be connected (DIY). vOptional USB-B Port for 3rd party driver without 12V supply.

There are 3 function modes:

1. Manual.
2. Bluetooth (Directly from smartphone to dimmer) with timing and Sunrise / Sunset function.
3. Bluetooth with gateway, so the dimmer can be controlled via a cloud and also connected to external sensors to create a SMART garden.

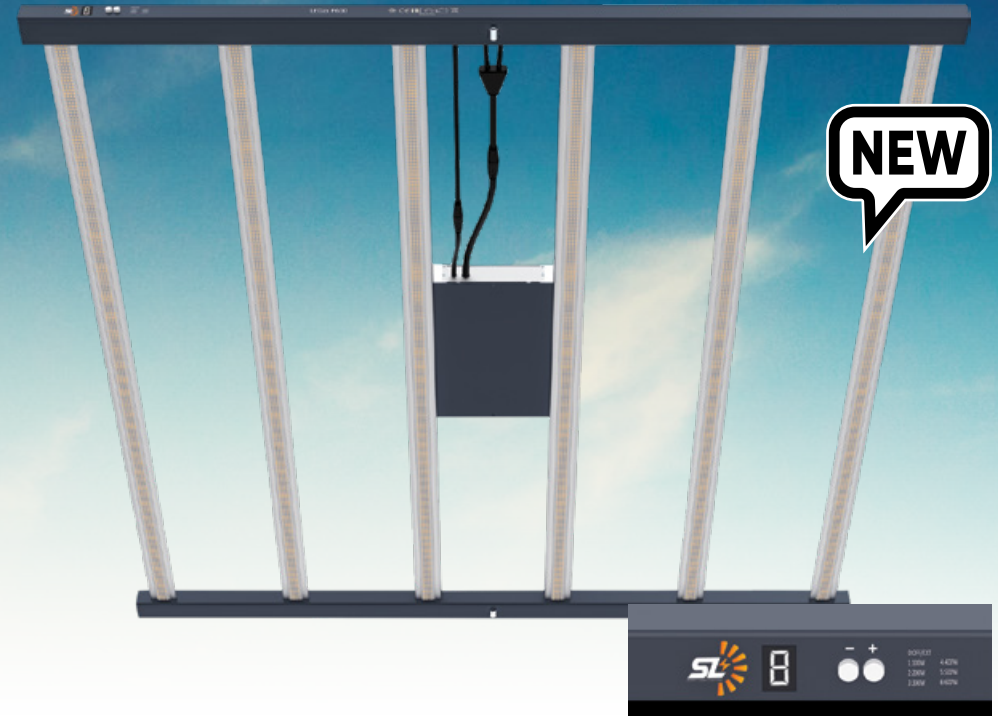


SUPER LUMEN BEAM 720W LED

Introducing the Super Lumen 720W, an exceptionally efficient lighting fixture designed to support plant growth throughout every stage. This robust, full-spectrum light source utilizes branded diodes to deliver impressive PPF (Photosynthetic Photon Flux) and efficacy. With an average PPF (Photosynthetic Photon Flux Density) of 1000 $\mu\text{mol/s m}^{-2}$, it ensures optimal lighting conditions for your crop.

Adjustable brightness settings allow you to customize the lighting intensity according to your needs. Choose from five options: 290W, 430W, 580W, 720W, or EXT (external control). For enhanced control, the Super Lumen 720W is compatible with 0-10v external controllers like the Trolmaster. It comes equipped with an external RJ14 cable, enabling you to connect up to 160 fixtures per controller port through a simple daisy-chain setup.

Experience the benefits of full spectrum lighting with our LED series. By combining white LED diodes with red LED diodes, we've achieved the perfect spectrum for all growth phases. This precise light spectrum promotes tight and compact growth during the vegetative stage and enhances morphogenesis and light absorption by the plant, leading to optimal photosynthetic activity. As a result, you may even see a reduction in flowering time.

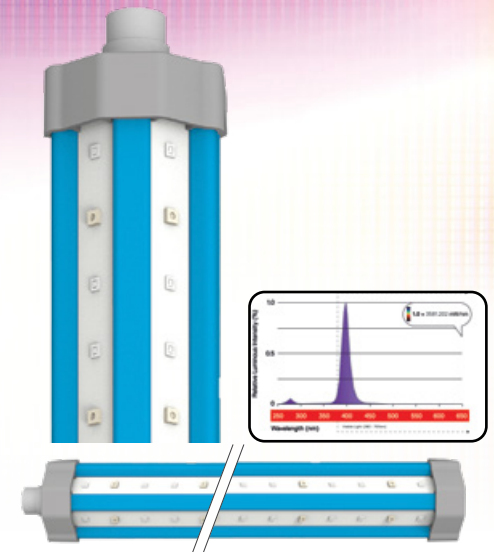
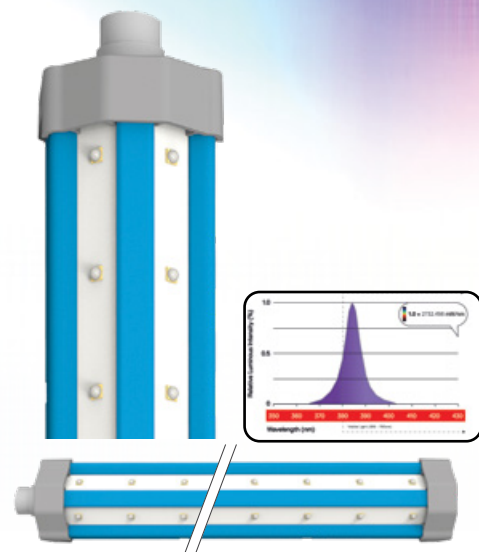
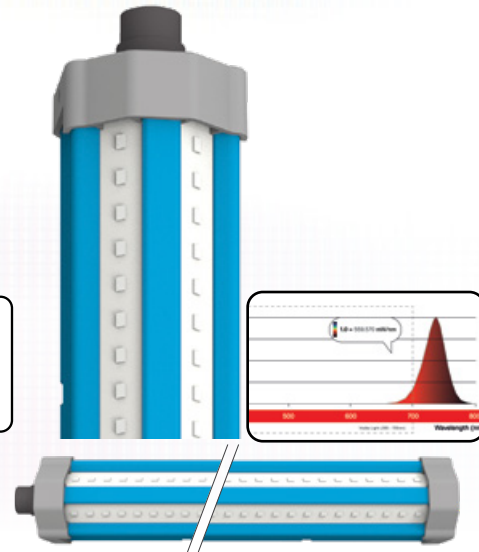
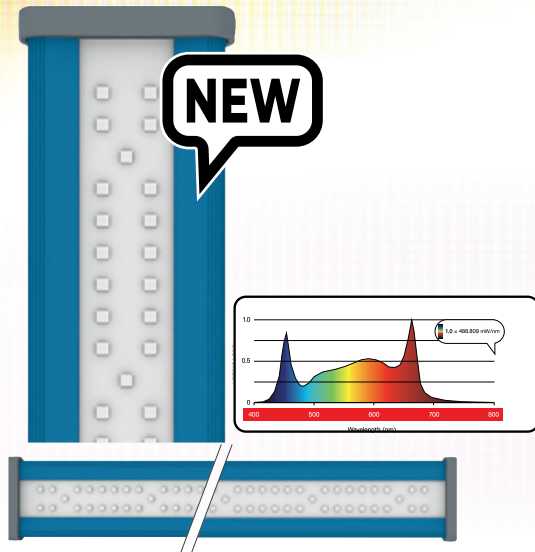


SUPER LUMEN BEAM 600W LED

The Super Lumen Beam 600W is a high quality LED light that boasts an impressive 658 wattage rating, that's more growing power for your money! We have had our LED's externally rated by certified testers ledgrowlights.co.uk, which means no boosting our numbers here, just pure power. Our SUPER LUMEN 600W LED can be used for your entire growth cycle, as it is highly efficient & energy saving meaning you'll have more power for less electricity.

With digital control buttons on the side of the fixture, this allows full control over your temperature & growing environment. It has dimming options that allow a range of 100W, 200W, 300W, 400W, 500W & 600W/658W. The LED allows for random start or soft start depending on your preference and has over-voltage, open/short circuit protection that makes it safe for the user.

The SUPER LUMEN fixtures have an LED bar protection function meaning if one of the bars fail, the life of other bars and the power supply will never be affected. The IP65 design ensures the LED is waterproof, moisture-proof and dustproof.



100W LED

The DAYLIGHT 100W Dimmable LED fixture is an energy-efficient grow light, delivering high and uniform outputs of rich PAR spectrum's for crop cultivation. A reliable, efficient, and adaptable solution to maximize your plants' potential. Its slim-line design seamlessly integrates as a supplemental light with existing LED setups or HID systems. Effortless installation enhances your current lighting configuration. With an output of 280 $\mu\text{mol/s}$ of full spectrum light, this fixture significantly boosts crop yield. The dimmable feature optimizes plant growth throughout various stages, including propagation.

Total output: 280 $\mu\text{mol/s}$

Overall fixture efficiency: 2.8 $\mu\text{mol/J}$

Lumileds white (2.8 $\mu\text{mol/J}$) and Osram red (3.9 $\mu\text{mol/J}$) chips: The best of the best

Full-spectrum: Full-bodied, enhanced red spectrum improves plant growth and flowers

Silent running: No fans or moving parts

60W FAR RED LED

This single 60W Far Red DAYLIGHT LED bar is a slim-line, stand-alone unit, which makes for an easy installation as a supplemental light to an existing LED fixture.

With an efficiency of 2.3 $\mu\text{mol/J}$ and a total output of 138 $\mu\text{mol/s}$, it will help to fine-tune the spectrum of any setup.

Overall fixture efficiency: 2.3 $\mu\text{mol/J}$

Total output: 138 $\mu\text{mol/s}$

Osram LED red chips

Attach to DAYLIGHT LED lighting fixtures (480W/660W) or use independently

Internal LED driver: Plug and Play

Ideal as supplementary lighting

IP65 Ingress Protection

60W 100% UVA

This 100% UVA DAYLIGHT LED bar is a slim-line, stand-alone unit, which can also be installed as a supplemental light to an existing LED fixture.

It will help to fine-tune the spectrum of any set up.

Light Radiation: 20000mW

Attach to DAYLIGHT LED lighting fixtures (480W/660W) or use independently

5000 hour lifespan

Internal LED driver: Plug and Play

Ideal as supplementary lighting

IP65 Ingress Protection

60W 40% UVA 60% UVB

This UVA and UVB DAYLIGHT LED bar is a slim-line, stand-alone unit, which can also be installed as a supplemental light to an existing LED fixture.

It will help to fine-tune the spectrum of any set up.

Light Radiation: 6600mW

(UVA: 6200mW UVB: 400mW)

Attach to DAYLIGHT LED lighting fixtures (480W/660W) or use independently

5000 hour lifespan

Internal LED driver: Plug and Play

Ideal as supplementary lighting

IP65 Ingress Protection



TNOLED KITS

intermediate (growing)

TNOLED are complete LED lighting kit for medium to high intensity light.

They integrate "Grow Spectrum" Cosmorrow strips, which are waterproof, durable (50,000 hours) and highly resistant with low power consumption.

TNOLED exists in two versions: TNO40GR & TNO80GR, optimized for 60x40 cm & 120x60 cm grow areas.

They include 60W & 120W power supply allowing growers to upgrade them by purchasing a third COP strip.

TNO40GR & TNO80GR : PPE 2.7 $\mu\text{mol/s/w}$

TNO40GR: TNoled 2x20W Growing (for 60x40 cm)

TNO80GR: TNoled 2x40W Growing (for 120x60 cm)

COSMORROW KIT

intensive (blooming)

Cosmorrow kits are complete lighting systems for high-intensity light requirements.

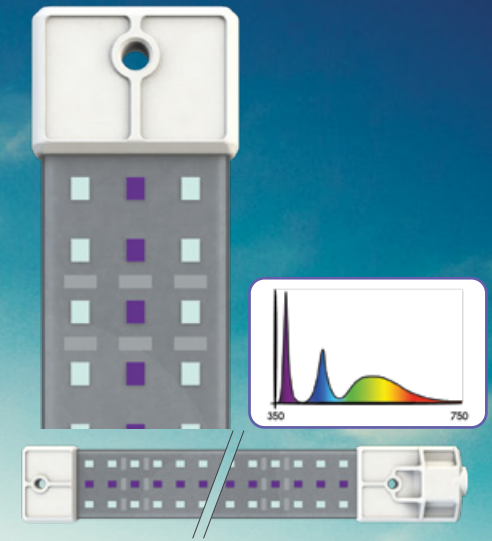
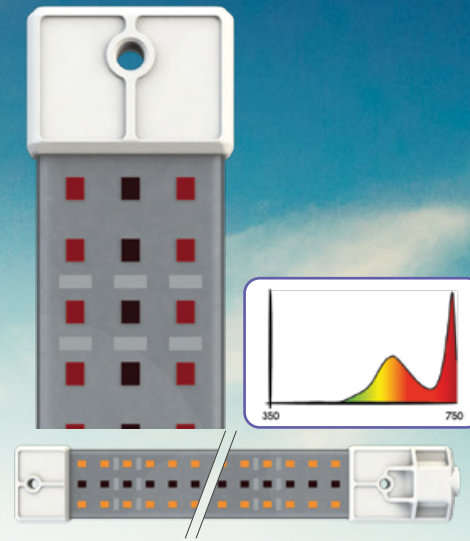
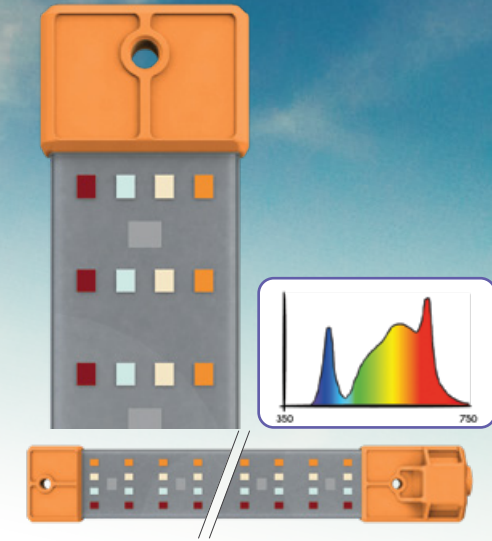
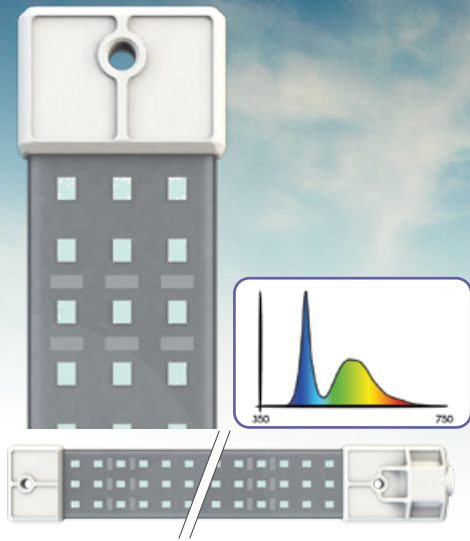
This patented modular technology has made the Cosmorrow waterproof, durable (50.000 hours) and indestructible with the best light coverage area on the market.

It also allows for easy maintenance and upgrades by disconnecting (dimnable to 100%, 80% and 60%) or replacing individual light bulbs.

COM60K & COM100K : PPE = 2.4 $\mu\text{mol/s/w}$

COM120K & COM200K : PPE = 2.7 $\mu\text{mol/s/w}$





**COSMORROW
GROW SPECTRUM**

The Cosmorrow LED GROWING is perfect for propagation and the vegetative stage of plant development.

It can be as close as you want to the plants, but we usually advise keeping a 15cm distance to avoid having to move them too often.

COP2065 | 43528 | COP4065 | 38838

**COSMORROW
FULL SPECTRUM**

The COSMORROW BLOOM LED developed by our team is perfect for blooming.

The warm white light in combination with a 660nm peak is what you need for a good flowering stage.

We advise to keep the light 25 to 35cm away from the plants to avoid having to move them too often.

COP20BL | 42242 | COP40FS | 42241

**COSMORROW
INFRARED**

The COSMORROW INFRARED LED allows you to keep the IR part of your spectrum on a separate channel.

You can now heat up your plants thanks to IR radiation, trigger flowering via using it for short periods at the end of the day and make your plants grow higher.

COL20IR | 37667 | COP4065 | CALL

**COSMORROW
ULTRAVIOLET**

The COSMORROW ULTRAVIOLET LED allows you to keep the UV part of your spectrum on a separate channel.

UV can be used to reduce mould development, make your leaves thicker and stronger, and enhance the immune system of your plants. The plants will also be more compact.

COL20UV | 37668 | COL40UV | CALL

SECRET JARDIN

**T-LED
grow/bloom**

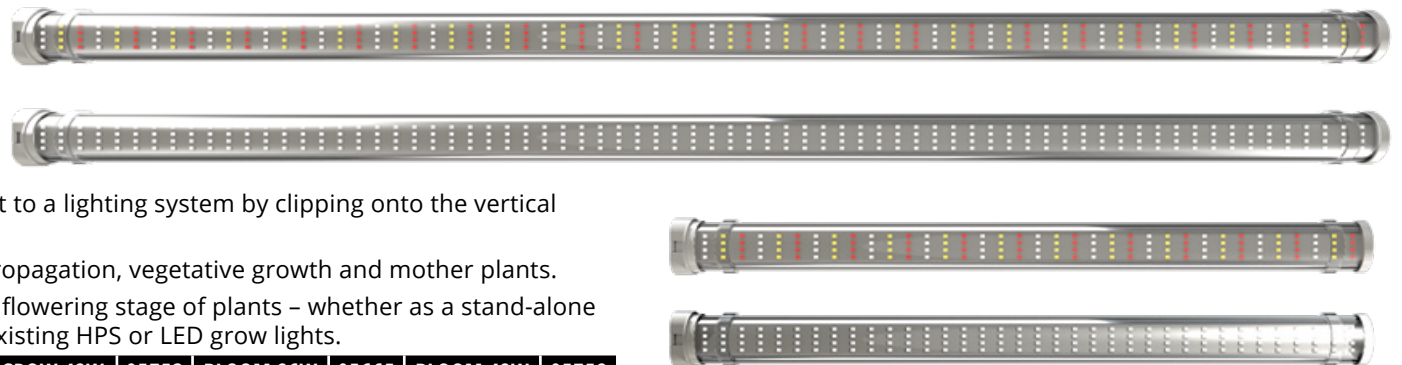
TLED is a 220 volt LED light with a very long life (up to 50,000 hours). Available in 26 and 42w, and in two colours, Bloom, also called Full Spectrum, and Grow.

It is ideal for low plants and can also be used as a complement to a lighting system by clipping onto the vertical poles of your grow room.

The Blue T-LED emits blue light at 6500K, making it ideal for propagation, vegetative growth and mother plants.

The Red T-LED emits red light at 2100K, making it ideal for the flowering stage of plants – whether as a stand-alone light for small plants or as additional lighting to supplement existing HPS or LED grow lights.

T-LED GROW 26W | 05751 | GROW 42W | 05753 | BLOOM 26W | 05665 | BLOOM 42W | 05752







HORTI KING PRO 1000W

designed for 400V DE bulbs

The Horti King 400V 1000W ballast is the newest addition to the Horti range from Highlight Horticulture.

A fanless design and air-finned case allow the ballast to run quietly and efficiently.

The ballast will run in humidity levels between 10% and 90% and is rated IP20 dust-tight, with good protection.

The ballast has built-in protection against short circuits, open loop circuits, ignition failure and lamp failure.

The dimmable function allows the ballast to be run at different power levels to allow for heat and light control of your growing area and also includes a power boost function for better results in the last few weeks of the growing cycle.

HORTI KING PRO 600W

digital dimmable ballast

Constructed inside sturdy aluminium cooling finned housing, the ballast runs without a fan and is extremely quiet during operation. The ballast has a fast start-up, and the bulb reaches maximum brightness very quickly

The dimmable function allows the ballast to run different power bulbs from the same ballast for heat and light control of your room and also includes a power boost function for better results in the last few weeks.

The ballast incorporates dynamic load and power supply detection as well as protection against overload, over voltage, load short/open circuit, under voltage and lamp EOL.

HORTI SUN 315W CMH

more light, less heat

These fixed-power 315W CMH magnetic ballasts are based on the same design as our class-leading Horti Gear magnetic ballast and are a welcome addition to our ballast range.

In our testing, this ballast outperformed its digital equivalent. It was able to strike a bulb with 50m of wiring between the ballast and bulb.

The keen pricing of this ballast puts 315W CMH lighting in the price range of the hobby grower looking to reduce costs on power consumption and heat issues without a huge investment.

The ballast's efficiency is better than 92%, and it can be easily wall mounted.

HORTIMOL T-LED

full-spectrum FSG

The TLED Hortimol is a lighting solution designed to maximize the growth of your cuttings and young plants in confined and low spaces. This will give your plants an even distribution of light at close range with near zero radiant heat. It has 264 Osrams and 8 IR LEDs mounted on an impeccably finished aluminium rail as well as a 1.55 meter power cable with secure BNC connection.

The spectrum has been specially developed to provide the fastest growth while allowing optimal flowering. Its spectral content is strongly oriented towards blue 450, although it also contains red 660 but in lesser quantity. In response your plants take root with great efficiency, and begin to form sturdy and closely inter-knot stems. In other words, they grow efficiently.



**VARIDRIVE
DIGITAL**

POWER: **600W**
BULB TYPE: **HPS/MH/LED**
DIMMABLE: **250,400,600W**
BOOST: **660W**

42059



**SUPER LUMEN
DIGITAL**

POWER: **600W**
BULB TYPE: **HPS/MH/LED**
DIMMABLE: **250,400,600W**
BOOST: **660W**

42150



**WARP DRIVE PRO
DIGITAL**

POWER: **600W**
BULB TYPE: **HPS/MH/LED**
DIMMABLE: **250,400,600W**
BOOST: **660W**

42091



**ECO KING
DIGITAL**

POWER: **600W**
BULB TYPE: **HPS/MH/LED**
DIMMABLE: **NO**
BOOST: **660W**

38010

DAYLIGHT DIGITAL

POWER: **315W**
BULB TYPE: **CMH**
DIMMABLE: **NO**
BOOST: **NO**

05547



SUNMASTER MAGNETIC

POWER: **600W**
BULB TYPE: **HPS/MH**
DIMMABLE: **NO**
BOOST: **NO**

41844



LOTUS MAGNETIC

POWER: **600W**
BULB TYPE: **HPS/MH**
DIMMABLE: **NO**
BOOST: **NO**

39059

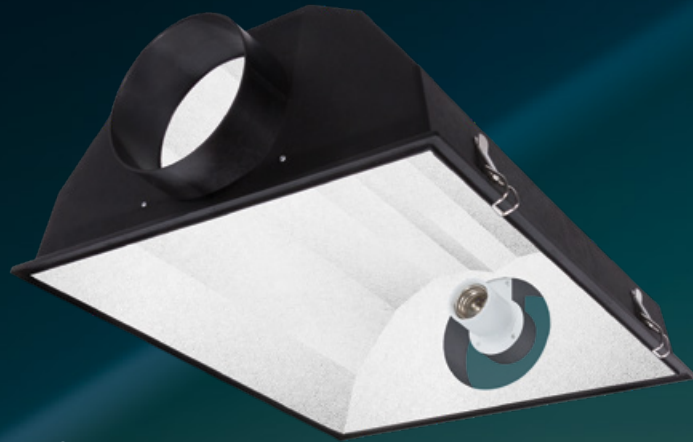


PHOENIX MAGNETIC

POWER: **600W**
BULB TYPE: **HPS/MH**
DIMMABLE: **NO**
BOOST: **NO**

05785



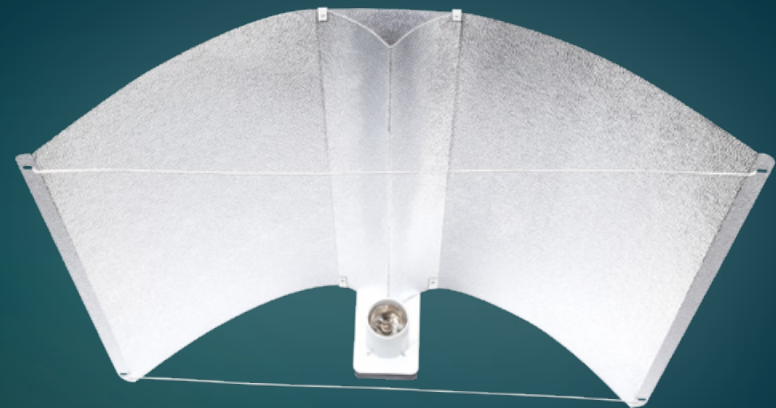


**GARDEN HIGHPRO
MAXLIGHT**
high-performance cool shade

Air-cooled reflectors such as the MAXLIGHT allow you to remove the excess heat generated by artificial lighting. This can be the difference between plants just surviving and actually thriving.

MAXLIGHT

04573



**GARDEN HIGHPRO
PEARLPRO XL**
adjustable XL reflector

The PEARLPRO XL spreads light evenly using pearl technology aluminium. The PEARLPRO XL is provided with three different sizes of spreader sticks to maximise the light distribution depending on the size of your growing area.

PEARLPRO XL

05405



**GARDEN HIGHPRO
DOUBLEPRO**
double-ended bulb reflector

Designed to hold a standard DE bulb, the DOUBLEPRO by GARDEN HIGHPRO is an ideal match for the Horti King 1000W ballast.

DOUBLEPRO

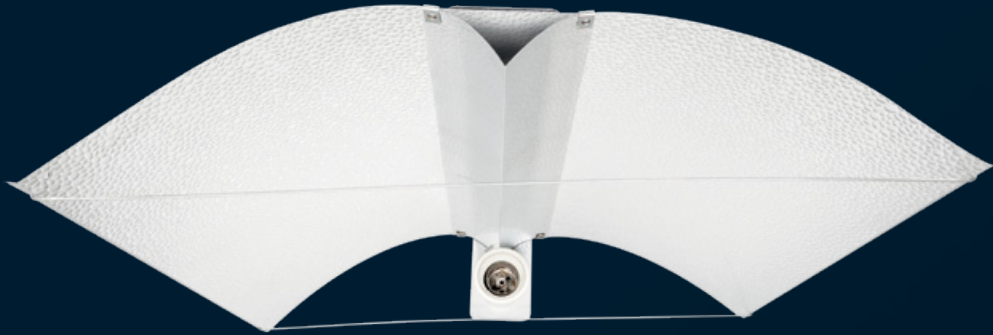
37844



**GARDEN HIGHPRO
PROTUBE**
high-performance cool tube

The PROTUBE is one of the best air-cooled reflectors on the market today. Designed to dissipate the heat emitted by the bulb of our indoor grow room to the air flowing through the tube.

125 X 300MM | 05346 | 125 X 400MM | 05347 | 150 X 400MM | 05348 | 150 X 600MM (DOUBLE ENDED) | 05349

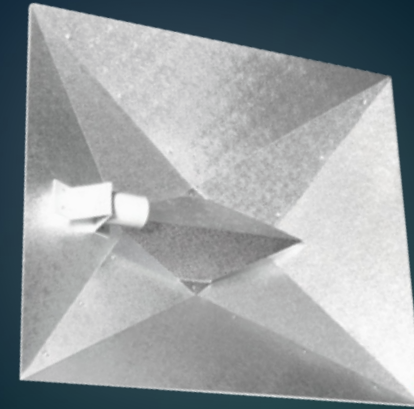


GARDEN HIGHPRO
WATERMARK XL
adjustable XL reflector

A remarkably good reflective spread for the money.
Made from highly reflective dimpled aluminium

WATERMARK XL

37137



GARDEN HIGHPRO
INDOOR MATRIX LUMEN EVOLUTION
high-performance tent light shade

The Indoor Matrix Lumen Evolution is the latest and one of the most revolutionary reflectors on the market.
Made from pearl technology marked aluminium from Germany, the new MATRIX guarantees 98% reflectivity.

INDOOR MATRIX EVOLUTION

05101



ECOTECHNICS
LARGE DIAMOND REFLECTOR
efficient light reflection

The Large Diamond Reflector has an diamond-shaped aluminium design.
This style of reflector is often referred to as a closed-end reflector, meaning that HID lamps are enclosed on all sides by the reflector walls, forcing all light to be reflected downwards.

LARGE DIAMOND REFLECTOR 600W

00590

600W AIR COOLED

02210

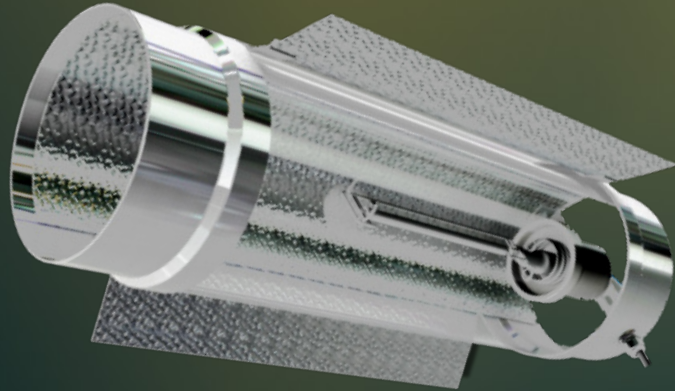


ECOTECHNICS
MINI DIAMOND REFLECTOR
mini diamond for 315, 400-and 600W lamps

The newest addition to the diamond reflector range has been manufactured so that a 315-W CDM bulb sits perfectly in the centre.
Used with 400 and 600W HID bulbs.

315 DIAMOND REFLECTOR

05852

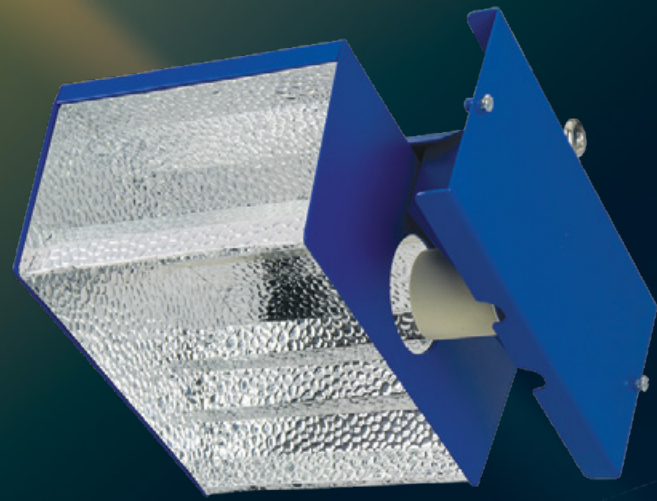


ECOTECHNICS
COOL SHADE
the original cool tube

The Cool Shade comes complete with an internal reflector and small external reflector wings. It has one light socket for HID lighting and is pre-wired and ready for use.

COOL SHADE 5"

02230 | 6" | 02356



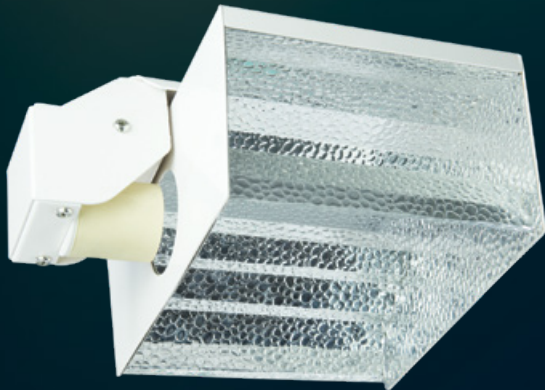
MAXIBRIGHT
HORIZON CONNECT
next-generation 315-V lighting

The first thing you'll notice is the Horizon Connect reflector's unique shape/size, as its measures just 260 x 210 x 115mm.

Its wide angle throws the light out rather than down. It can cover a room size of 1.2 x 2.4m to get the most out of this space.

HORIZON CONNECT

05802



MAXIBRIGHT
HORIZON REMOTE
315W lighting shade

The Maxibright Horizon Remote is part of the next generation of lighting, designed to help you get the very best from your CDM light.

Excellent build quality and rigorous testing, as standard.

HORIZON REMOTE

05582



MAXIBRIGHT
DAYLIGHT 315 V3 REFLECTOR
maximum light intensity

The Maxibright Daylight Single Reflector V3 has a 315W PGZ18 lamp holder included. This third-generation daylight reflector offers improved light coverage.

DAYLIGHT V3

05742

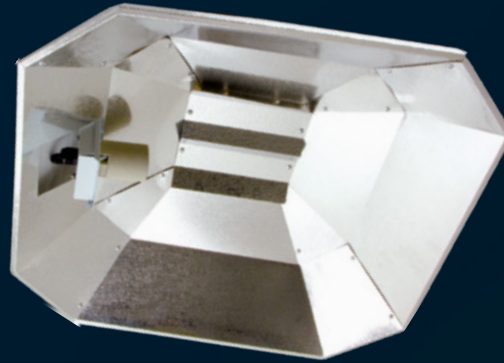


SUN KING
VERTICAL PARABOLIC
even light spread

The Sun King Vertical Parabolic umbrella-shaped reflector has a high gloss white, powder-coated or dimpled aluminium finish.

Ideal for use with grow tents to give an even distribution of light.

WHITE MEDIUM | 02661 | **LARGE** | 02660 | **SILVER** MEDIUM | 02663

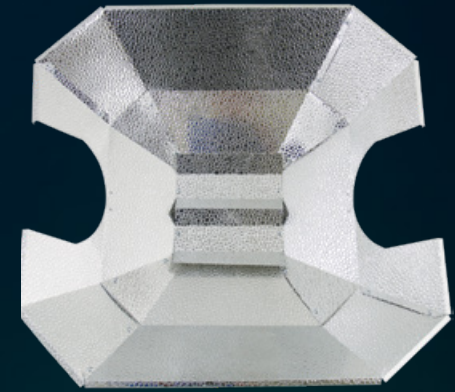


SUN KING
GREAT 8 REFLECTOR
flexible bulb positioning

The Great 8 Reflector has been designed so that you can use any size bulb, whether 250, 400, 600 or 1000W.

The Great 8 Reflector has two vents at the top of the shade to let the heat out, stopping heat from building up around the bulb.

GREAT 8 REFLECTOR | 02664



SUN KING
AERO 8 REFLECTOR
maximise your cool tube

Maximise the effectiveness of your cool tube lighting with a Sun King Aero 8 Reflector.

The Aero 8 is designed to fit straight over your existing 5" or 6" Cool Shade.

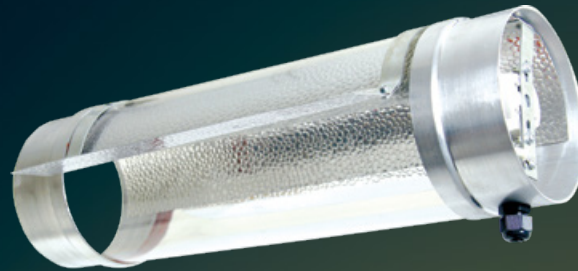
AERO 8 REFLECTOR | 04080



HIGHLIGHT
PRO SERIES LIGHTING
full range of air cooled shades

The Pro Series reflectors feature a hinged, fully sealed lid for efficient cooling. The highly polished reflective aluminium surface ensures an even distribution of light across your growing area.

6" SMALL | 04760 | **6" MEDIUM** | 04622 | **8" TWIN LAMP** | 04625



HIGHLIGHT
COOL TUBE
budget air cooled lighting

The Cool Tube is an air-tight, fully sealed clear glass tube with a lamp mounting bracket in its centre.

It's perfect for removing the excess heat generated by HID grow lights without leaking unpleasant odours.

COOL TUBE 5" | 05268 | **6"** | 05363



BARN REFLECTOR
budget reflector

Although this is the cheapest reflector available, it offers a remarkably good reflective spread for the price.

Made from highly reflective dimpled aluminium.

HORTIKING | 06149 | **SUPER LUMEN** | 41631



**PHILIPS
MASTER GREENPOWER 600W**
dual spectrum lamp

The Philips Master GreenPower 600W HPS lamp is a dual spectrum lamp with a high output of 88000 lumen's.

It produces light in the orange/red part of the spectrum for excellent flowering plus a generous amount of blue for healthy plants and vegetative growth. Lumen's measure the total light output, not the amount of light that plants can actually use.

The Philips Master GreenPower 600W HPS lamp has a lower lumen output than some other HPS lamp but actually produces more usable light for your plants than any other, making it the best lamp for growing plants that you can get.

The Philips Master GreenPower 600W lamp has been built to professional standards, and because of this, it maintains it's light output for much longer than other lamps, meaning it lasts longer between change-outs.

MASTER GREENPOWER 600W

00596



**PHILIPS
MASTER GREENPOWER 600W 400V**
dual spectrum lamp

The Philips Master GreenPower Plus 600W 400V HPS Pro EL lamp has been designed specifically for pro-HPS 400V/600W lighting systems.

This lamp runs at 400V and should only be used with systems such as the Gavita Pro 400V/600W HPS Complete Lighting Kit.

This lamp must NOT be used with any other type of lighting system. When used in a pro-HPS 400V/600W system, it will outperform virtually all other 600W lamps and will last for approximately a year!

Produces the most μ mol's (plant-usable light) of any 600W lamp for flowering.

MASTER GREENPOWER 600W 400V

05469



**PHILIPS
MASTER GREENPOWER 1000W**
dual spectrum lamp

The Philips Master GreenPower Plus EL double-ended lamp is a professional European-made, high-frequency horticultural 400V/1000W HPS lamp.

It is filled with nitrogen, with a quartz glass outer jacket for perfect optical quality. This lamp comes with generic, non-retail packaging.

It has a robust construction that is vibration and shock resistant, thus leading to a reliable and long life.

MASTER GREENPOWER 1000W

38034



**PHILIPS
315 MASTERCOLOUR 942**
942 daylight CDM lamp

Broaden your light spectrum and increase your PAR output from a single Philips 315W CDM lamp.

It emits a broad light spectrum that's a lot closer to actual sunlight to prevent stretching and enhance growth.

Superior performance

Excellent PPF 1.7 micromoles μ mol's

Bluer light spectrum

Superior lumen/PPF maintenance of 90% at 8,000 hours

Fantastic during vegetative growth

Reduced cost of Lighting

93% ballast efficiency can provide substantial energy savings

Increased time between re-lamping cycles when compared to standard metal halide lamps

315 MASTERCOLOUR 942

05549



**PHILIPS
315W MASTERCOLOUR 930**
930 Agro CDM lamp

Philips Green Power CDM-TP Lamps provide outstanding growth light performance and substantial energy savings when combined with an efficient ballast.

Superior performance

Excellent PPF 1.9 umols/s

Superior lumen/PPF maintenance of 90% at 8,000 hours

Long life – 20,000-hour rated average

Suitable for use in open fixtures

Reduced cost of Lighting

93% ballast efficiency can provide substantial energy saving

Increased time between re-lamping cycles when compared to standard metal halide lamps

315 MASTERCOLOUR 930 | 05548



**SYLVANIA
GROLUX 600W/400W**
dual spectrum lamp

The Sylvania GroLux 600W lamp is a world-renowned reliable and high-performing lamp.

This is the lamp of choice for growers who are looking for a lamp that will help produce high-yielding crops at an affordable price.

The lamp has a broad spectrum output, making it usable during the vegetative and flowering stages. It produces an output of 90000 lumen's.

The Sylvania GroLux 400W lamp is a dual spectrum lamp with a high output of 58000 lumen's.

The lamp produces light mostly in the red part of the spectrum for excellent flowering but also produces some blue light, making it suitable for the vegetative growth stage too.

600W 400W | 04988 | 600W | 00600 | 400W | 01875



**SYLVANIA
SHP-TS SUPER**
flowering lamp

Affordable, reliable and powerful.

Like all of the lamps in this series, what stands out is the price and excellent performance value.

Sylvania is a subsidiary of Osram and has certainly made a name for itself in the world of grow lights.

The lamps in the Sylvania SHP-TS Super series emit a large proportion of their light in the red spectrum (approx. 2050K) and, therefore, are best suited for the flowering phase of most harvest crops and ornamental plants.

The manufacturer states that the lamps have an average lifetime of 30,000 hours of operation, which makes the Sylvania SHP-TS Super lamps not only good value but also relatively long-lasting.

SHP-TS 600W | 01876



**OSRAM
VIALOX**
flowering lamp

This popular 600W lamp sets itself apart with exceptional reliability, a high luminous flux output (up to 150 lumen's/W) and first-class production quality.

The patented shock absorber ensures reliable ignition and preservative operation of the high-pressure discharge lamp, and the new technology also reduces gas loss in the electrode feed through. This allows for a long life with out any substantial loss of light output.

The purely red-yellow light spectrum (approx. 2000K) of this lamp is predestined for use in the flowering phase of most cultivated plants. Blossom and flower formation is stimulated, which encourages lavish plant growth.

VIALOX 600W | 00602 | 400W | 00598



**OSRAM
PLANTASTAR-T**
dual spectrum lamp

The Osram Plantastar-T HPS lamp is one of a handful of lamps specifically designed for the horticulture market.

The colour temperature rating of the Osram Plantastar-T is 2000K, which is firmly in the red spectrum. There is also a substantial amount of light in the blue spectrum to give more rounded and balanced lighting for your plants.

The Osram Plantastar-T uses the standard E40 lamp fitting, meaning it is compatible with all standard reflectors and 240V ballasts.

It has been designed with a focus on tall growing plants, which may suffer from light drop-off at the lower leaves.

The Osram Plantastar-T gives great penetration into the canopy, delivering high amounts of PAR light to more photosynthesis sites to boost the production of sugars, leading to better harvests.

OSRAM PLANTASTAR-T 600W | 04752 | 400W | 38739



**MAXIBRIGHT
1000W SUPER BLOOM DE**
double ended 1000W 400V lamp

These 1000W 400V DE Super bloom lamps from Maxibright, have the sort of high-end efficiency you would expect in a top-notch grow lamp (2.1 μmol per Watt - total output of 2100 μmol per second) and at a great price. Giving the most intense and full-bodied output of all of the lamps in the range.

The PAR Spectrum is heavily weighted towards the orange/red end of the spectrum too. In fact, you will find a whopping 74% more red in these lamps compared to equivalent lamps on the market - perfect for helping grow high quality flowers and fruit.

Exceptionally efficient at a great price and ideal for grow rooms with a high head height, get down your local store for more info now.

MAXIBRIGHT SUPER BLOOM 400V DE 1000W | 41854



**MAXIBRIGHT
DAYLIGHT 600W CMH 3K**
full spectrum, high output CMH lamp

Ever wanted to take advantage of full spectrum growing but don't want the expense of swapping out all your old power packs and reflectors? Well fear not dearest grower, DAYLIGHT have brought the power of full spectrum growing right to your finger-tips, without the high cost that can often be associated.

The DAYLIGHT 600W 3K CMH lamp comes with a familiar E40 screw fitting, ready to integrate exclusively into your existing digital or magnetic 600W power packs.

Ideal for the flowering stage of growth, with an efficiency of 1.6 $\mu\text{mol}/\text{s}$ and an enhanced red, full PAR spectrum.

MAXIBRIGHT DAYLIGHT 3K CMH 600W | 37010



**MAXIBRIGHT
DAYLIGHT 600W CMH 4K**
97% CRI full spectrum, high output

Ever wanted to switch over from HPS to using Ceramic Metal Halide lamps but found the kits cost too prohibitive?

Now being compatible with magnetic AND digital power packs alike, the DAYLIGHT 600W 4K CMH lamps solve that problem for you. Providing a full spectrum of light with an impressive 1.6 $\mu\text{mol}/\text{J}$ efficiency, and 97% CRI, these 4K Elite lamps are an ideal spectrum for the vegetative stages of growth, and can be integrated into any existing 600W lighting system with ease.

MAXIBRIGHT DAYLIGHT 4K CMH 600W | 41827



**MAXIBRIGHT
600W SUPER BLOOM**

HPS lamp ideal for flowering stages

HPS and MH lamps may not have the sex appeal of LED'S in the current climate of plant lighting, but they are still the No.1 choice of growers up and down the country for their reliability and overall efficiency compared to cost.

The new Maxibright HPS and MH 600W Special Chemistry lamps are unique due to their enhanced spectral output. PAR lock feature, maintaining the ideal spectral distribution when used on either a lower, or overdriven power level.

Having optimised light outputs, the 600W HPS delivers 29% more red than comparable lamps on the market. Combined with a more than ample total output of light, these lamps make sure you get the most out of your plants. Make the switch today!

MAXIBRIGHT 600W SUPER BLOOM 600W | 41798

**MAXIBRIGHT
600W HPS+**
dual spectrum lamp

High Pressure Sodium lamps remain the go-to lamp for indoor growers; affordable, high quality PAR outputs giving consistent results, crop after crop.

None more so than the Maxibright 600W Dual Spectrum HPS+ lamps, manufactured and developed by Maxibright. They have an immense total output of 1125 $\mu\text{mol/s}$ that you will find hard to beat.

On top of the immense output, their unique Par-Lock feature means you get no change in spectral output, regardless of how you choose to dim or overdrive the lamp.

MAXIBRIGHT HPS+ 600W | 41798

**MAXIBRIGHT
600W SUPER GROW**
metal halide lamp for growth

HPS and MH lamps may not have the sex appeal of LED'S in the current climate of plant lighting, but they are still the No.1 choice of growers up and down the country for their reliability and overall efficiency compared to cost.

The new Maxibright HPS and MH 600W Special Chemistry lamps are unique due to their enhanced spectral output. PAR lock feature, maintaining the ideal spectral distribution when used on either a lower, or overdriven power level.

Having optimised light outputs, the 600W MH delivers 53% more blue light than comparable lamps on the market. Combined with a more than ample total output of light, these lamps make sure you get the most out of your plants.

600W MAXIBRIGHT SUPERGROW 600W | 41800

**SUNMASTER
GROW+ PHOTONIC**
dual spectrum lamp

This Sunmaster 600 and 400W dual spectrum HPS grow lamp puts out red spectrum light and enough blue spectrum light to be used as a sole light source throughout all stages of plant growth. This eliminates the need to buy separate metal halide and HPS lamps for the vegetative and flowering/fruitletting stages of growth. In particular, Sunmaster grow lights are specifically tailored for the horticultural market and are some of the best lamps around for growing purposes.

Sunmaster's range of dual spectrum lamps are an economic and simple solution for growers.

600W 400V | 04988 | 600W | 00600 | 400W | 01875



**SUNMASTER
600W SON-T**
red spectrum

Sunmaster high-output HPS lamps are high pressure sodium lamps designed to deliver 10% more light than standard HPS lamps. This extremely energy-efficient grow lamp provides more energy, which is essential for an optimised photosynthetic response.

The Sunmaster lamp range has proven to be excellent value for money, providing reliability and quality lamps.

Electronic ballast friendly

10% more light than a standard HPS lamp

Red output for stem elongation and flowering

Long life. Economical

Ideal for metal halide conversion lamps

37238



**SUNMASTER
COOL DELUXE**
grow lamp

Sunmaster Cool Deluxe grow lamps emit light from 5000 to 6500K, imitating the natural look of daylight. They are an ideal light source for the seedling and vegetative stages of plant growth while still emitting a wide spectral distribution.

The 600W Sunmaster Cool Deluxe metal halide lamp has a lumen output of 55000K, all of which is in the blue part of the spectrum, making the lamp ideal for vegetative growth. This creates plants with shorter internodes, setting them on a course to heavy yields.

The Sunmaster lamp range has proven to be excellent value for money, providing reliability and quality lamps time and time again.

Horticultural lamp light output will decrease with use. We recommend that growers replace the lamps at regular intervals to maintain optimum yields.

04918



**SUNMASTER
METAL HALIDE FINISHING 10K**
10'000K finishing lamp

Sunmaster lamps are proven to give excellent results in commercial greenhouses and hydroponics.

With beneficial UV for the final stages of the growth cycle and fully compatible with magnetic and digital ballasts, these energy efficient lamps improve flavour, increase oil production and help ripen fruits.

42086



**HORTIKING
600W DUAL SPECTRUM**
dual spectrum lamp

The Horti King 600W Dual Spectrum HPS lamp produces a spectrum of light that is suitable for your plants in both the growing and flowering stages.

The lamp produces 90,000 lumen's of light with a 2000K colour temperature. Dual spectrum lights have more blue in the spectrum than traditional red spectrum HPS lamps, which helps in the formation of more compact plants with shorter internode distances.

The lamp is priced to enable it to be sold with budget light kits while still producing good overall results for the hobby grower.

06058

SON-T 600W

COOL DELUXE 600W

600W METAL HALIDE FINISHING 10K

42086

HORTI KING 6000W

06058



**HORTIKING
METAL HALIDE**
blue spectrum lamp

Metal Halide lamps are fantastic for growers who want to avoid plants stretching. The plant, when under a HortiKing metal halide lamp, remain shorter and develop more roots therefore allowing a sturdier plant with a large root system allowing an increased uptake of water and nutrients.



**SUNLUX PRO
PRO DUAL SPECTRUM**
dual spectrum lamp

The Sunlux Pro Dual Spectrum 400 and 600W lamps are aimed at the budget end of the lamp market. However, the quality of the lamps far outweighs their cost. The lamps will fit into any E40 reflector fitting and will work with all types of 400 and 600W ballasts.



**SUNLUX PRO
METAL HALIDE**
grow lamp

Sunlux Pro Metal Halide lamps are fantastic for growers who want to avoid plant stretching. Under a metal halide lamp, plants remain shorter and develop more roots, allowing for sturdier plants with large root systems, which leads to increased uptake of water and nutrients.



**SUPER LUMEN
600W HPS PRO**
dual spectrum

This HPS lamp has a clear outer lamp and is optimized for grow light output and maintenance. The SUPER LUMEN 600W HPS lamp also produces dual spectrum light. This means it can provide your plants with both red and blue light from the same lamp, covering all ends of the spectrum and giving all the types of light your plant needs.

LIGHT KITS
PICK YOUR BALLAST
PICK YOUR SHADE
PICK YOUR BULB

DIGITAL | MAGNETIC | 315
Choose your own variation
from our vast collection.





**APEX/MASTERSEAL
13A INDUCTIVE
LOAD PLUG-IN
TIMER**

single-light timer

The Apex Plug & Grow 13A Inductive Load Plug-In timer. It is the only plug-in timer that will switch 13A of all types of lighting.

Simply use the timer with a good-quality extension lead, and you can switch multiple lights up to 13A.

13A PLUG IN TIMER | 38722



**APEX
TIMER**
single-light timer

The Plug & Grow Timer makes it possible to switch on lights without having to buy expensive contactors. With built-in 22A switching, this timer can run a 1000W HPS ballast.

PLUG & GROW TIMER | 02610



**OPTIMUM
24HR TIMER**
single-light timer

Unless you want to be in and out of your grow room every time your lights need to be turned on and off, a timer is an absolute necessity.

The timer represent the best timer that money can buy and is definitely a worth while investment for every grower.

OPTIMUM 24HR TIMER | 00219



**MAXIBRIGHT
MAXISWITCH
PLUG IN 24 HOUR
TIMER**

intelligent control

Easy to use plug in segment 24 hour timer is ideal for time-controlling your pumps and lighting contactor-switches.

Save energy & money whilst improving on efficiency! 15 minute interval settings.

MAXIBRIGHT 24HR TIMER | 41866



**MAXIBRIGHT
MAXISWITCH PRO
SOLO TIMER**
intelligent control

Heavy duty reliable switching for up to 600W of HID lighting

Made to BS1363 Standard
24 hour programmable period with 15 minute intervals
Precision controlled timer
Heavy Duty Microswitch for high power HID applications

MAXIBRIGHT PRO SOLO | 42088



**MAXIBRIGHT
MAXISWITCH PRO
QUAD TIMER**
intelligent control

Heavy duty reliable switching for up to 4x 600W of HID lighting

Made to BS1363 Standard
24 hour programmable period with 15 minute intervals
Precision controlled timer
Heavy Duty Microswitch for high power HID applications

MAXIBRIGHT PRO QUAD | 41823



**MAXIBRIGHT
MAXISWITCH PRO**
intelligent control

Heavy duty GE contactor switching, ensuring long service life and reliable high amperage switching.

Quality IMO relay switching for lower amperage applications

Professional Grasslin panel mount timers that ensure accurate time keeping and switching in fifteen minute segments. These timers are easy to program and can be set up in seconds.

Rubberised moulded BSI approved plugs designed to be hardwearing and break proof.

Heavy duty cables, hard wearing and over rated

Hanging bracket with keyhole slots for easy wall mounting

Switchable sockets for easy appliance isolation

2 year guarantee

2WAY | 42081 | 4WAY | 42082 | 6WAY | 42083 | 8WAY | 42084



**MAXIBRIGHT
MAXISWITCH CLASSIC**
intelligent control

Heavy duty switching for up to 600W of HID lighting.

13A 4WAY | 41864 | 13A 4WAY TIMER | 41863 | 10A 2WAY | 41861



THE BOSS CONTACTOR
grasslin timed

Housed in a robust metal enclosure, the Boss Contactor will control the switching of up to six 600W lights. Incorporating an industry leading grasslin timer, the Boss Contactor will give you long and trouble-free switching of your chosen ballast and lamp configuration.

THE BOSS CONTACTOR 4WAY | 02646



**ECOTECHNICS
POWERSTAR PRO
CONTACTOR**
trouble-free light switching

The EcoTechnics PowerStar Pro Contactors have been specifically designed to allow the timed switching of horticultural lights and appliances.

The PowerStar Pro Contactors have high-power relays to pass power to the lighting system, so they are only used for control. The timer on the contactors can be set at 15-minute intervals, allowing you to control your lighting with confidence.

4WAY PRO | 04500 | 4WAY PRO (GRASSLIN) | 04499 | 6WAY PRO | 02650 | 8WAY PRO | 01742

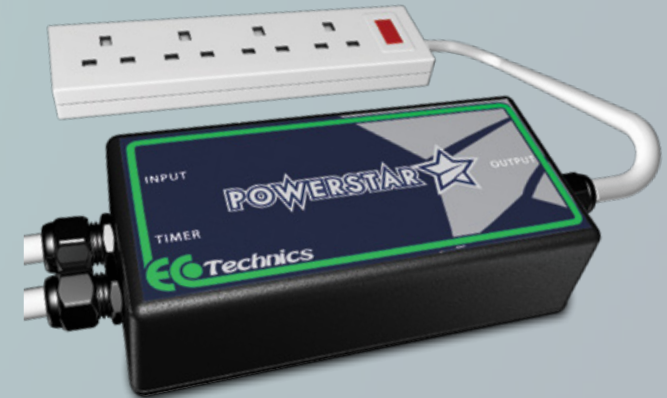


**ECOTECHNICS
POWERSTAR CONTACTOR**
budget light switching

The EcoTechnics PowerStar Contactors have been specifically designed to allow the timed switching of horticultural lights and appliances.

The PowerStar Contactors have high-power relays to pass power to the lighting system, allowing you to control your lighting with confidence.

1WAY | 01928 | 2WAY | 01739 | 3WAY | 01929 | 4WAY | 01740







24+9

AIR MOVEMENT

The Original Can-Fan®

L'authentique

GENERATION 1 2 3



MAX-FAN

powerful & efficient

The Max-Fan is a unique diagonal tube fan designed to be efficient, powerful and less noisy than other fans.

The rotor stator system makes the Max-Fan the most efficient fan on the market, both in terms of air performance and power consumption.

ISO-MAX

Max-Fan PS integrated into a silencer

By far the most popular fan in the range, the Can-Fan Iso-Max is an efficient in-line fan designed to run as quietly as possible.

A Max-Fan is integrated into a silencer. Foam is used to reduce the fan noise, and the fan is enclosed in a galvanised outer casing.

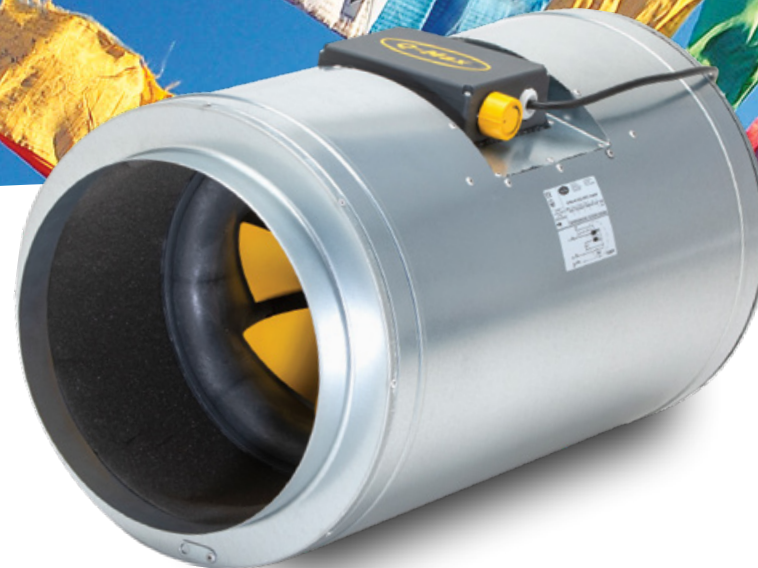
Compatible Filters

| Code | Product | Vol (m ³ /h) | W | L | Amps | Watts | Original | 38 Special | Can-Lite | In-line |
|-------|---------|-------------------------|-----|-----|------|-------|----------|------------|-----------|---------|
| 36298 | 200 | 920 | 201 | 225 | 0.5 | 100 | 350 | W/50 | 800 | 1000 |
| 36299 | 250 | 1625 | 250 | 215 | 0.8 | 160 | 100 | W/100 | 1500 | 1500 |
| 05964 | 250 | 1740 | 250 | 278 | 1 | 180 | 125 | W/125 | 2000/1500 | 1500 |
| 36300 | 315 | 2360 | 315 | 308 | 1.6 | 270 | 150 | W/150 | 2500 | 2500 |
| 36301 | 315 HP | 3510 | 315 | 351 | 3.2 | 530 | - | - | 3500 | 3000 |
| 36302 | 355 | 2580 | 354 | 396 | 1 | 150 | - | - | 3000 | 3000 |
| 04524 | 355 HP | 4940 | 354 | 396 | 5.4 | 960 | - | - | 4500 | - |

Dimension - mm Weight - kg

Compatible Filters

| Code | Product | Vol (m ³ /h) | W | L | Amps | Watts | Original | 38 Special | Can-Lite | In-line |
|-------|---------|-------------------------|-----|-----|------|-------|----------|------------|-----------|---------|
| 04014 | 150 3S | 410 | 231 | 680 | 0.2 | 51 | 333 | - | 425S | - |
| 04013 | 200 3S | 870 | 199 | 600 | 0.5 | 121 | 350 | W/50 | 800 | - |
| 04449 | 150 | 410 | 231 | 680 | 0.2 | 51 | 333 | - | 425S | - |
| 03147 | 200 | 870 | 199 | 600 | 0.5 | 121 | 350 | W/50 | 800 | - |
| 04015 | 250 | 1480 | 315 | 680 | 0.9 | 150 | 100 | W/100 | 1500 | 1500 |
| 04016 | 250 HP | 2310 | 354 | 680 | 1.7 | 273 | 150 | W/150 | 2500/2000 | 2500 |
| 04017 | 315 | 2380 | 354 | 680 | 1.7 | 265 | 150 | W/150 | 25000 | 2500 |
| 04045 | 315 HP | 3260 | 354 | 680 | 3.2 | 512 | - | - | 3500/3000 | 3000 |
| 36099 | 355 HP | 4800 | 432 | 995 | 5.23 | 962 | - | - | 4500 | - |



MAX-FAN PRO

powerful & compact

The new Max-Fan Pro, the second generation of the Max-Fan, is a diagonal fan using a 3D rotor-stator system that has been improved to be quieter and more efficient.

The design of the fan makes it very compact and easy to use, as the ventilation duct adapter is integrated into the mounting brackets. You just have to mount the adapter first and then fasten the fan with two screws.

The fan incorporates a two-speed toggle switch for manual speed adjustment. The entire range meets the mandatory ERP requirements for all EU-marketed fans.

Q-MAX

Max-Fan PS integrated into a silencer

The Q-Max incorporates the German-made Max-Fan Pro series, part of the Can-Fan range, into a sound-insulated metal casing. This unique combination provides you with a very quiet in-line, mixed-flow fan with the best aerodynamic efficiency.

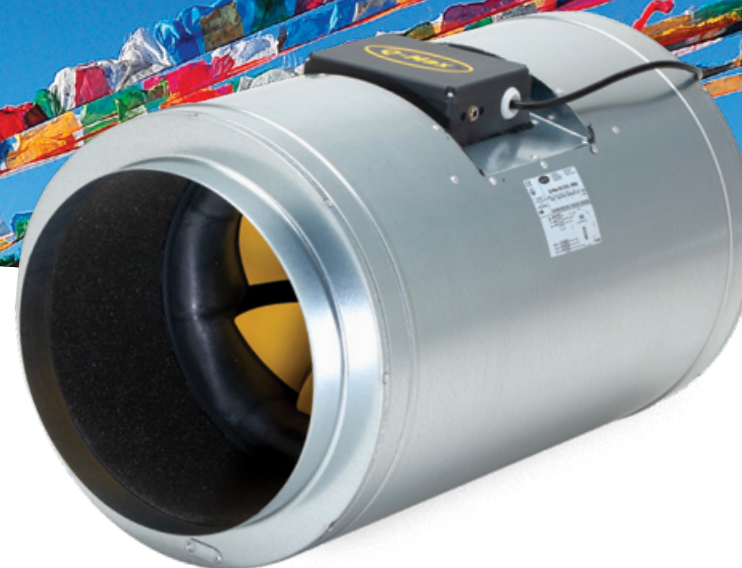
With its patented 3D rotor-stator system, the Q-Max conveys significantly stronger air volumes at medium to high pressure values.

The silent operation of the Q-Max is the result of the high-quality insulation of the metal casing, the uniform, turbulence-free air flow and the smooth three-speed control. The entire range meets the mandatory ERP requirements for all EU-marketed fans.

| Code | Product | W | L | Amps | Watts | Capacity (m3/h) | | | Compatible Filters | | | |
|-------|---------|-----|-----|------|-------|-----------------|------|------|--------------------|------------|----------|---------|
| | | | | | | 1 | 2 | 3 | Original | 38 Special | Can-Lite | In-line |
| 04446 | 150 | 150 | 309 | 0.3 | 46 | 600 | 470 | - | - | - | 600 | - |
| 04447 | 200 | 200 | 325 | 0.6 | 117 | 1220 | 793 | - | 375 | W/75 | 1000 | - |
| 04626 | 250 | 250 | 215 | 0.8 | 136 | 1660 | 1224 | - | 100 | W/100 | 1500 | - |
| 05501 | 315 | 315 | 300 | 2.1 | 436 | 3180 | 2753 | 2115 | - | - | 3000 | - |

Dimension - mm Weight - kg

| Code | Product | W | L | Amps | Watts | Capacity (m3/h) | | | Compatible Filters | | | |
|-------|---------|-----|-----|------|-------|-----------------|------|------|--------------------|------------|----------|---------|
| | | | | | | 1 | 2 | 3 | Original | 38 Special | Can-Lite | In-line |
| 05125 | 150 | 272 | 676 | 0.3 | 47 | 555 | 513 | 457 | - | - | 425S/600 | - |
| 05126 | 200 | 313 | 680 | 0.6 | 121 | 1120 | 943 | 686 | 375 | W/75 | 1000 | - |
| 05127 | 250 | 327 | 685 | 0.9 | 180 | 1590 | 1420 | 1166 | 100 | W/100 | 1500 | - |
| 05128 | 315 | 392 | 685 | 2 | 430 | 3015 | 2535 | 1984 | - | - | 3000 | - |



MAX-FAN PRO EC

powerful, silent & compact

The Max-Fan Pro series with EC technology is a turbine or mixed-flow fan with the highest aerodynamic efficiency and the best energy consumption level due to its new EC technology motor together with its 3D rotor-stator system.

The powerful but silent operation of the Max-Fan Pro EC series is the result of its uniform, turbulence-free air flow and the continuous, totally noise-free, plug-and-play Can-Fan EC Controller for speed or speed and temperature.

Up to 10 EC motor fans can be connected and controlled simultaneously using the Can-Fan EC Controller.

Compatible Filters

| Code | Product | Vol (m3/h) | W | L | Amps | Watts | Original | 38Special | Can-Lite | In-line |
|-------|---------|------------|-----|-----|------|-------|----------|-----------|-----------|---------|
| 36257 | 150 | 776 | 150 | 309 | 0.6 | 67 | 366/350 | - | 800 | 600 |
| 36303 | 200 | 1301 | 200 | 325 | 1 | 121 | 100/375 | W/100 | 1500 | 1000 |
| 36304 | 250 | 2175 | 250 | 215 | 2.1 | 304 | 150 | W/150 | 2000 | - |
| 36305 | 315 | 2956 | 315 | 300 | 2 | 282 | - | - | 3000 | - |
| 36306 | 355 | 3308 | 355 | 350 | 1.8 | 261 | - | - | 3500/3000 | - |

Dimension - mm Weight - kg

Q-MAX EC

Max-Fan PS EC integrated into a silencer

A diagonal fan with the highest aerodynamic efficiency and the best energy consumption level due to its new EC technology motor together with its 3D rotor-stator system.

The powerful but silent operation is the result of its uniform, turbulence-free air flow and the continuous, totally noise-free, plug-and-play Can-Fan LCD EC Fan Controller. Amperage is no longer relevant to control fans.

Compatible Filters

| Code | Product | Vol (m3/h) | W | L | Amps | Watts | Original | 38Special | Can-Lite | In-line |
|-------|---------|------------|-----|-----|------|-------|----------|-----------|----------|---------|
| 05166 | 150 | 716 | 272 | 600 | 0.6 | 63 | 350/366 | W/50 | 600/800 | - |
| 05167 | 200 | 1203 | 313 | 600 | 1 | 120 | 375 | W/75 | 1000 | 1000 |
| 05168 | 250 | 2000 | 327 | 600 | 2 | 307 | 150 | W/150 | 2000 | 1500 |
| 05169 | 315 | 2850 | 392 | 600 | 1.9 | 287 | - | - | 3000 | - |
| 05170 | 355 | 3247 | 432 | 600 | 1.8 | 266 | - | - | 3000 | 2500 |
| 36112 | 355HP | 4800 | 432 | 995 | 3.3 | 720 | - | - | 4500 | - |



CAN-FAN RK
economic in-line tube fan

The Can-Fan RK plastic tube fan is an economic backward centrifugal extractor that uses resistant, maintenance-free plastic housing.

The extractor is voltage controllable, and as protection for the motor, it is equipped with a thermal switch that turns off the motor in the case of overheating.

Compatible Filters

| Code | Product | Vol (m ³ /h) | Amps | Watts | Can Original | 38 Special | Can-Lite |
|-------|---------|-------------------------|------|-------|--------------|------------|----------|
| 02575 | 100 | 240 | 0.3 | 55 | 9000PL | - | - |
| 02543 | 100L | 270 | 0.3 | 70 | 9000PL | - | - |
| 02576 | 125 | 310 | 0.3 | 60 | 250 | - | 300 |
| 02544 | 125L | 350 | 0.3 | 70 | 250 | - | 300 |
| 02577 | 150 | 470 | 0.3 | 70 | - | - | 425S |
| 02578 | 150L | 760 | 0.5 | 105 | 366/350 | W/50 | 800 |
| 02579 | 200 | 820 | 0.5 | 100 | 366/350 | W/50 | 800 |
| 02580 | 250 | 830 | 0.5 | 100 | 366/350 | W/50 | 800 |



CAN-FAN RKW
economic in-line tube fan

The Can-Fan RKW fan is an economic backward centrifugal extractor that uses resistant, maintenance-free plastic housing.

The extractor uses a three-speed motor with integrated temperature control, so it is not voltage controllable.

As protection for the motor, it is equipped with a thermal switch that turns off the motor in the case of overheating.

Compatible Filters

| Code | Product | Vol (m ³ /h) | Amps | Watts | Can Original | 38 Special | Can-Lite |
|-------|---------|-------------------------|------|-------|--------------|------------|----------|
| 40009 | 100 | 270 | 0.3 | 56 | 250/9000PL | - | 300PL |
| 40010 | 125L | 370 | 0.3 | 60 | 333 | - | 300PL |
| 38767 | 150 | 460 | 0.3 | 60 | - | - | 425S |
| 40012 | 150L | 800 | 0.6 | 130 | 366/350 | W/50 | 800 |
| 40013 | 200 | 830 | 0.6 | 130 | 366/350 | W/50 | 800 |
| 40014 | 250 | 840 | 0.6 | 127 | 366/350 | W/50 | 800 |



CAN-FAN RS
economic in-line tube fan

The Can-Fan RS metal tube fan is an economic backward centrifugal extractor that uses resistant, maintenance-free metal housing.

The extractor is voltage controllable, and as protection for the motor, it is equipped with a thermal switch that turns off the motor in the case of overheating.

Compatible Filters

| Code | Product | Vol (m ³ /h) | Amps | Watts | Can Original | 38 Special | Can-Lite |
|-------|---------|-------------------------|------|-------|---------------|------------|----------|
| 40001 | 100 | 200 | 0.3 | 54 | 9000PL/2600PL | - | 150PL |
| 40002 | 100L | 250 | 0.3 | 68 | 9000PL | - | - |
| 40003 | 125 | 300 | 0.3 | 55 | 250 | - | 300PL |
| 40004 | 125L | 340 | 0.3 | 67 | - | - | 300PL |
| 40005 | 150 | 470 | 0.3 | 67 | - | - | 425S |
| 40006 | 150L | 630 | 0.4 | 93 | - | - | 600 |
| 40007 | 200 | 810 | 0.5 | 100 | 366/350 | W/50 | 800 |
| 40008 | 250 | 890 | 0.5 | 100 | 366/350 | W/50 | 800 |



CAN-FAN RK(L)S
economic in-line tube fan

The Can-Fan RK(L)S fan is an economic backward centrifugal extractor that uses resistant, maintenance-free plastic housing.

The extractor uses a four-speed motor with an integrated speed switch, so it is not voltage controllable.

As protection for the motor, it is equipped with a thermal switch that turns off the motor in the case of overheating.

Capacity (m³/h)

Compatible Filters

| Code | Product | Amps | Watts | 1 | 2 | 3 | 4 | Original | 38 Special | Can-Lite |
|-------|---------|------|-------|-----|-----|-----|-----|------------|------------|----------|
| 06167 | 100LS | 0.3 | 56 | 270 | 210 | 190 | 170 | 250/9000PL | - | 300PL |
| 36295 | 125LS | 0.3 | 60 | 370 | 335 | 300 | 265 | 333 | - | 300PL |
| 06168 | 150S | 0.3 | 60 | 460 | 420 | 390 | 355 | - | - | 425S |
| 36296 | 150LS | 0.6 | 130 | 800 | 740 | 680 | 540 | 366/350 | W/50 | 800 |
| 06169 | 200S | 0.6 | 130 | 830 | 790 | 750 | 635 | 366/350 | W/50 | 800 |
| 06170 | 250S | 0.6 | 127 | 840 | 800 | 760 | 670 | 366/350 | W/50 | 800 |

The Original Can-Filters®

L'autofiltration



CAN-LITE

compact high-quality odour removal

The Can-Lite has been developed with ease of installation, durability and effectiveness in mind.

The Can-Lite is manufactured using the same proven packed-bed design as the original Can-Filter and utilises high-quality virgin activated Australian RC light-weight granular carbon.

Air flows start at 150m³/hr, and filters are included to reach an impressive 4500m³/hr.

The recommended lifespan of these filters is 18 months depending on the humidity and odour concentration in the room. The larger filters are a compact 1m long so that they do not take up precious room in your growing area and are light enough to hang from standard 48kg hangers.

| Code | Product | Material | Carbon | Length | Weight | Diameter | Vol(m ³ h) | Flange |
|-------|-----------------|----------|--------|--------|--------|----------|-----------------------|---------|
| 04501 | CAN-LITE 4500 | STEEL | LITE | 1000 | 36.5 | 500 | 4500 | 355 |
| A4053 | CAN-LITE 4500 | STEEL | LITE | 1000 | 36.5 | 500 | 4500 | 315 |
| 05100 | CAN-LITE 3500 | STEEL | LITE | 1000 | 33.5 | 450 | 3500 | 355 |
| 02561 | CAN-LITE 3500 | STEEL | LITE | 1000 | 33.5 | 450 | 3500 | 315 |
| 05792 | CAN-LITE 3500 | STEEL | LITE | 1000 | 33.5 | 450 | 3500 | 250 |
| 02562 | CAN-LITE 3000 | STEEL | LITE | 1000 | 26 | 400 | 3000 | 315 |
| 03098 | CAN-LITE 3000 | STEEL | LITE | 1000 | 26 | 400 | 3000 | 250 |
| 06128 | CAN-LITE 2500 | STEEL | LITE | 1000 | 23 | 350 | 2500 | 315 |
| 02563 | CAN-LITE 2500 | STEEL | LITE | 1000 | 23 | 350 | 2500 | 250 |
| 02564 | CAN-LITE 2000 | STEEL | LITE | 1000 | 19 | 300 | 2000 | 250 |
| 36281 | CAN-LITE 2000 | STEEL | LITE | 1000 | 19 | 300 | 2000 | 200 |
| 03100 | CAN-LITE 1500 | STEEL | LITE | 750 | 15.5 | 300 | 1500 | 250 |
| 02565 | CAN-LITE 1500 | STEEL | LITE | 750 | 15.5 | 300 | 1500 | 200 |
| 03099 | CAN-LITE 1000 | STEEL | LITE | 500 | 11 | 300 | 1000 | 250 |
| 02566 | CAN-LITE 1000 | STEEL | LITE | 500 | 11 | 300 | 1000 | 200 |
| 41075 | CAN-LITE 800 | STEEL | LITE | 330 | 5 | 300 | 800 | 250 |
| 03064 | CAN-LITE 800 | STEEL | LITE | 330 | 5 | 300 | 800 | 200 |
| 06151 | CAN-LITE 800 | STEEL | LITE | 330 | 5 | 300 | 800 | 150 |
| 02689 | CAN-LITE 600 | STEEL | LITE | 475 | 4 | 200 | 600 | 150 |
| 02690 | CAN-LITE 425 | STEEL | LITE | 350 | 4 | 200 | 425 | 150 |
| 02691 | CAN-LITE 425PL* | PLASTIC | LITE | 600 | 2.2 | 145 | 425 | 125/100 |
| 02692 | CAN-LITE 300PL* | PLASTIC | LITE | 450 | 1.8 | 145 | 300 | 125/100 |
| 02693 | CAN-LITE 150PL* | PLASTIC | LITE | 250 | 1.2 | 145 | 150 | 125/100 |

Dimension - mm Weight - kg



IN-LINE CARBON FILTER

in-line odour removal

The Can In-Line Carbon Filters are made from Can's light weight, high-grade carbon and are designed to fit directly into the runs of ducting rather than at the point of extraction.

These filters use a light-weight version of Can Filter Carbon that will last for around 18 months.

Some people use them as a 'belt and braces' secondary filter, but as long as you match them with the correct fan and air flow, they are fine to use as a primary filter. As the carbon used is Can's light-weight type, it will not affect the air flow too much.

| Code | Product | Material | Carbon | Length | Weight | Diameter | Vol (m ³ h) | Flange |
|-------|--------------|----------|--------|--------|--------|----------|------------------------|--------|
| 05136 | IN-LINE 3000 | STEEL | LITE | 1265 | 40.5 | 465 | 3000 | 315 |
| 05134 | IN-LINE 2500 | STEEL | LITE | 1265 | 34.5 | 415 | 2500 | 250 |
| 05135 | IN-LINE 2500 | STEEL | LITE | 1265 | 34.5 | 415 | 2500 | 315 |
| 05132 | IN-LINE 1500 | STEEL | LITE | 1025 | 24 | 365 | 1500 | 200 |
| 05133 | IN-LINE 1500 | STEEL | LITE | 1025 | 24 | 365 | 1500 | 250 |
| 05130 | IN-LINE 1000 | STEEL | LITE | 775 | 17 | 365 | 1000 | 200 |
| 05131 | IN-LINE 1000 | STEEL | LITE | 775 | 17 | 365 | 1000 | 250 |
| 36258 | IN-LINE 600 | STEEL | LITE | 605 | 10 | 315 | 600 | 125 |
| 05129 | IN-LINE 600 | STEEL | LITE | 605 | 10 | 315 | 600 | 150 |
| 40024 | IN-LINE 425 | STEEL | LITE | 870 | 7.5 | 300 | 425 | 100 |
| 40023 | IN-LINE 425 | STEEL | LITE | 870 | 7.5 | 300 | 425 | 125 |
| 36262 | IN-LINE 300 | STEEL | LITE | 720 | 7 | 300 | 300 | 100 |
| 36261 | IN-LINE 300 | STEEL | LITE | 720 | 7 | 300 | 300 | 125 |

Dimension - mm Weight - kg

CARBON PRE-FILTER

spare pre-filter cover

The Carbon Pre-Filter is an excellent way of extending the working life of your Can-Filter. It has very low air resistance and is easily changed. MERV-5 mesh blocks pollen, dust and other particles from entering the filter. Available in sizes for all filters.



| Code | Product | Code | Product |
|-------|--|-------|--|
| 05021 | PRE-FILTER FOR CAN-LITE 4500m ³ | 05022 | PRE-FILTER FOR CAN-LITE 3500m ³ |
| 05023 | PRE-FILTER FOR CAN-LITE 2500m ³ | 05089 | PRE-FILTER FOR CAN-LITE 3000m ³ |
| 05090 | PRE-FILTER FOR CAN-LITE 2000M ³ | 05091 | PRE-FILTER FOR CAN-LITE 1500m ³ |
| 05092 | PRE-FILTER FOR CAN-LITE 1000M ³ | 05093 | PRE-FILTER FOR CAN-LITE 800m ³ |
| 05094 | PRE-FILTER FOR CAN-LITE 600M ³ | 05095 | PRE-FILTER FOR CAN-LITE 425M ³ |
| 05096 | PRE-FILTER FOR CAN-LITE 425M ³ | 05097 | PRE-FILTER FOR CAN-LITE 300m ³ |
| 05098 | PRE-FILTER FOR CAN-LITE 150M ³ | 05265 | PRE-FILTER FOR CAN 100BFT |

CAN SILENCERS

When silence is a must, you can't go wrong with these Can Silencers.

Carefully tested and approved for use with most extractor fans.

CAN FLANGES

These plastic flanges (100/125) install via an easy snap-on, tool-free connection, forming a perfect seal with Can-Filters products. Use with the Original and Lite plastic filters.

PLASTIC FLANGE 100MM 02695

125mm 02694

| Code | Product | Material | Length | Diameter | Flange |
|-------|----------|----------|--------|----------|--------|
| 05674 | SILENCER | STEEL | 1000 | 380 | 250 |
| 05367 | SILENCER | STEEL | 1000 | 380 | 315 |
| 36278 | SILENCER | STEEL | 450 | 180 | 100 |
| 36277 | SILENCER | STEEL | 450 | 180 | 125 |
| 05368 | SILENCER | STEEL | 450 | 300 | 150 |
| 36272 | SILENCER | STEEL | 450 | 300 | 200 |
| 05369 | SILENCER | STEEL | 500 | 380 | 200 |
| 36269 | SILENCER | STEEL | 500 | 380 | 250 |
| 05673 | SILENCER | STEEL | 500 | 380 | 315 |
| 05366 | SILENCER | STEEL | 500 | 500 | 315 |
| 05887 | SILENCER | STEEL | 500 | 500 | 355 |



4A SATELLITE CONTROLLER

The next level of fan controlling
Can Fans have designed a six stepped hybrid controller to optimally control their range of AC single-speed fans with no humming or vibration.

The satellite 4A uses a tailor-made transformer that will control up to two 315Ø high powered IsoMax fans.

As a stand-alone controller, it can manually adjust the fan speed but with the addition of either the LCD controller or the EC temp/speed controller, it will automatically adjust the speed to keep the correct room temperature.

100% compatible with Iso-Max/Max Fan single speed

Noiseless speed control - 6 step transformer

Full control in combination with EC Fan Controller



EC SPEED CONTROLLER

speed fan controller

Noiseless speed control.

No power supply required.

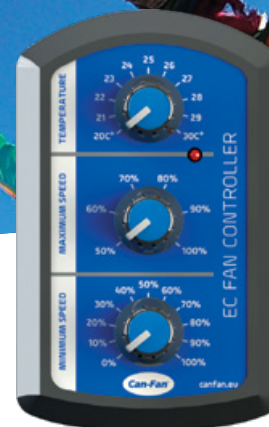
For noiseless, easy control of EC fans.

The fan controller is equipped with one dial, which allows you to adjust the speed setting from 0% all the way to 100%.

This is a plug-and-play controller with a 4m cable and 3.5mm four-pole jack connector to easily connect it to our EC fans.

Models below are controllable with the EC Speed Controller:

Max-Fan Pro Series EC Q-Max EC



EC TEMP/SPEED CONTROLLER

temperature and speed fan controller

Minimum and maximum speed settings.

No power supply required.

For noiseless, easy control of EC fans.

This is a plug-and-play controller with a 4m cable and a 3.5mm four-pole jack connector to easily connect it to our EC fans, and a temperature sensor.

This EC fan controller is compatible with our one-speed AC fans using the 4A Satellite Controller.

Models controllable with the EC Temperature/Speed Controller:

Max-Fan Pro Series EC, Q-Max EC - Max-Fan Iso-Max single speed (combined with the 4A Satellite Controller)



DIGITAL EC FAN CONTROLLER

full-feature environmental control

An advanced climate controller with an LCD screen that allows you set the temperature and humidity in addition to other interesting functions, such as the hysteresis, negative pressure, and maximum and minimum speed of CAN-Fan EC extractors.

The Can-Fan Digital EC Controller works only in conjunction with Can-Fan EC extractors.

It has been built with the most modern technology and is energy efficient, guaranteeing more power and less electricity consumption.

Temp & humidity - day/night

Temp & humidity hysteresis - day/night

Min/Max speed - day/night

Negative pressure setting

Switch sensor level

Switch over time day/night





NEW

WOLF
WOLF LITE
create clean air

Introducing the ultimate solution for clean and healthy air in your indoor growing environment - WOLF FILTERS. These high-quality air filters effectively remove dust, pollen, mould spores, and other airborne contaminants that can compromise your plants health and vitality.

Crafted with premium-grade activated carbon, these filters offer superior adsorption capabilities, efficiently capturing and filtering out impurities. This ensures plants receive only the cleanest and freshest air possible.

Available in various sizes, WOLF FILTERS accommodate different setups. Diameters ranging from 4" to 12" and lengths ranging from 300mm to 900mm, these filters are versatile and compatible with a wide range of air circulation systems providing optimal conditions for your indoor garden to thrive.

Select the perfect size to fit your setup and enjoy the benefits of clean, healthy air for plants. With their superior quality and effectiveness, WOLF FILTERS are the choice for successful indoor gardening.





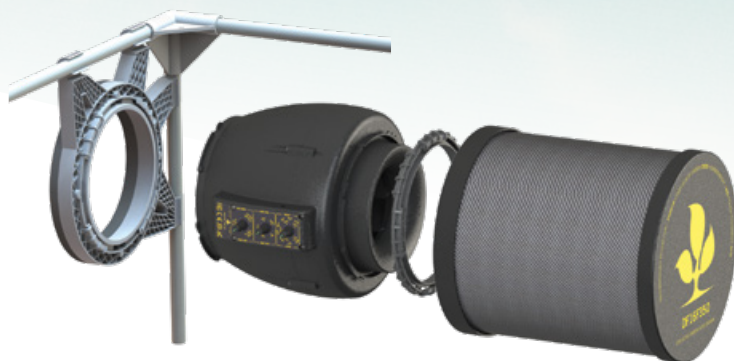
| Code | Product | Material | Carbon | Length | Weight | Diameter | Vol (m ³ h) | Flange | Code | Product | Material | Carbon | Length | Weight | Diameter | Vol (m ³ h) | Flange |
|-------|----------------|----------|--------|--------|--------|----------|------------------------|--------|-------|----------------|----------|--------|--------|--------|----------|------------------------|--------|
| 40267 | WOLF LITE 4500 | STEEL | LITE | 900 | 28.5 | 500 | 4500 | 315 | 40277 | WOLF LITE 1000 | STEEL | LITE | 450 | 7.9 | 300 | 1000 | 250 |
| 40268 | WOLF LITE 3500 | STEEL | LITE | 900 | 24.3 | 450 | 3500 | 315 | 40300 | WOLF LITE 1000 | STEEL | LITE | 450 | 7.9 | 300 | 1000 | 200 |
| 40270 | WOLF LITE 3500 | STEEL | LITE | 900 | 24.3 | 450 | 3500 | 250 | 40278 | WOLF LITE 800 | STEEL | LITE | 300 | 5.9 | 300 | 800 | 200 |
| 40271 | WOLF LITE 3000 | STEEL | LITE | 900 | 21.9 | 400 | 3000 | 315 | 40279 | WOLF LITE 800 | STEEL | LITE | 300 | 5.9 | 300 | 800 | 150 |
| 40273 | WOLF LITE 3000 | STEEL | LITE | 900 | 21.9 | 400 | 3000 | 250 | 40281 | WOLF LITE 600 | STEEL | LITE | 425 | 4 | 300 | 600 | 200 |
| 40274 | WOLF LITE 2500 | STEEL | LITE | 900 | 17.5 | 350 | 2500 | 250 | 40282 | WOLF LITE 600 | STEEL | LITE | 425 | 4 | 200 | 600 | 150 |
| 40275 | WOLF LITE 2000 | STEEL | LITE | 900 | 15 | 300 | 2000 | 250 | 40283 | WOLF LITE 425 | STEEL | LITE | 600 | 2.2 | 200 | 425 | 125 |
| 40276 | WOLF LITE 1500 | STEEL | LITE | 680 | 11.7 | 300 | 1500 | 250 | 40284 | WOLF LITE 300 | PLASTIC | LITE | 450 | 1.8 | 145 | 300 | 100 |

Dimension - mm Weight - kg

VENTILATION
INTAKE AND EXTRACTION WHEREVER YOU NEED



-  Intelligent Speed
-  DF16 Technology
-  EC Motor
-  Max/Min Airflow User controlled



SECRET JARDIN

DF16 EXTRACTOR & FILTERS

control your grow tent atmosphere

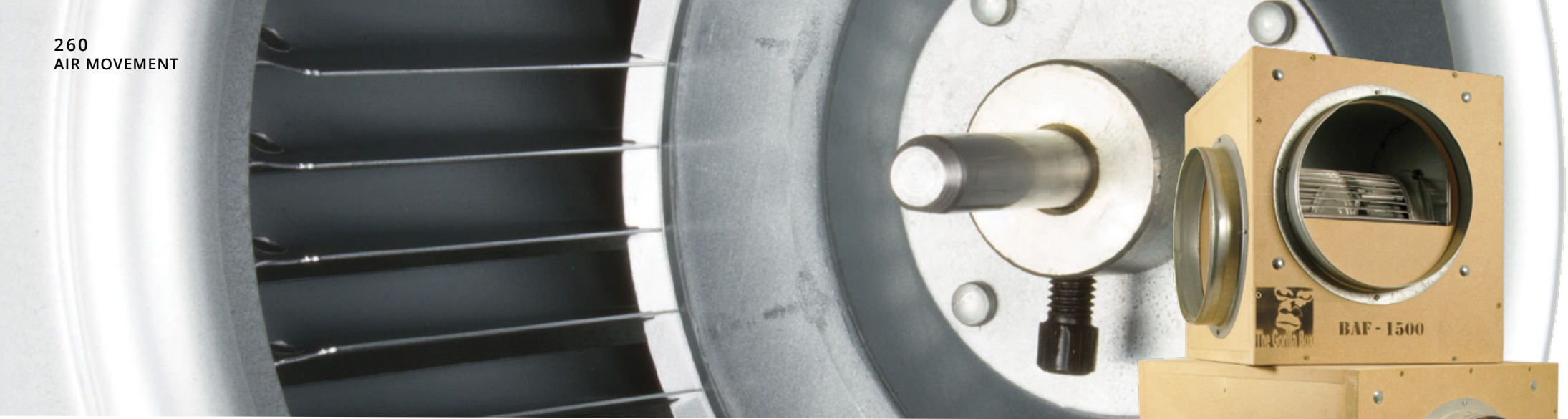
The Extractor is designed to clip on to our Ducting Flange system, it takes less than five seconds to assemble without any tools. Use it in combination with our DF16 filter for optimal assembly! This product includes temperature control functions (T°, max/min extractor speed) and two thermal sensors (onboard or external) depending on the size of your grow space. You can also use SJ extractors with any Ø6" ducting and/or filters by purchasing DF16150 connectors.

Our DF16 Filter is filled with CTC80 carbon and equipped with a pre-filter.

| Code | Product | Material | Carbon | Length | Weight | Diameter | Vol (m³h) | Flange (mm) |
|-------|----------------|----------|--------|--------|--------|----------|-----------|-------------|
| 40000 | DF16 EXTRACTOR | PLASTIC | CTC-80 | 1500 | 1.5 | 22.5 | 150 | 150 |

Dimension - mm Weight - kg

| Code | Product | Material | Carbon | L (cm) | W (kg) | Diameter | Vol (m³h) | Flange(mm) |
|-------|-----------|----------|--------|--------|--------|----------|-----------|------------|
| 40612 | DF16F 150 | PLASTIC | CTC-80 | 13 | 1.5 | 22.5 | 150 | 150 |
| 40002 | DF16F 250 | PLASTIC | CTC-80 | 19 | 2.1 | 22.5 | 250 | 250 |
| 40613 | DF16F 350 | PLASTIC | CTC-80 | 24 | 2.7 | 22.5 | 350 | 350 |



GORILLABOX
BOX FAN
torin motor fans

The GORILLABOX Box Fan is one of the quietest and most compact fans on the market. It contains a high-quality, UK-manufactured Torin-Sifan squirrel cage fan (unlike many budget box fans that use significantly cheaper/louder Chinese motors) lined with 12mm thick superior soundproof acoustic foam.

The internal motor is mounted within the fan and attached to the casing with lock-tight anti-vibration nuts. The fan is housed in an 18mm MDF box, making it cheaper than its metal counterpart, and its superior construction makes it airtight and quiet for the amount of air moved.

The GORILLABOX Box Fan can be customised in many ways, from motor size to multiple inlets/outlets of various sizes

and from a straight-through design to 90-degree (right angle) inputs/outputs. Its flow rate can be adjusted using GORILLABOX or other proprietary speed controllers.

The GORILLABOX Box Fan has glued and screwed MDF panels. The flanges are all pre-mounted with a bead of silicone sealant, which is used to create a seal against the MDF to ensure peak permanence with no air leaks.

The fans listed below are the most popular sizes that we sell; however, if you require something NOT LISTED, please contact the sales office.



| Code | Product | Flow Rate (m³/h) | dB | Inlet | Outlet | Kg | L | W | H | Amps | Watts |
|-------|---------|------------------|------|--------|--------|----|-----|-----|-----|------|-------|
| 04654 | 150 | 750 | 44 | SINGLE | SINGLE | 9 | 330 | 330 | 330 | 0.9 | 59 |
| 04651 | 150 | 1000 | 53.2 | SINGLE | SINGLE | 26 | 470 | 470 | 470 | 1.1 | 73 |
| 04924 | 150 | 1500 | 62.1 | SINGLE | SINGLE | 16 | 390 | 390 | 420 | 1.6 | 147 |
| 05087 | 200 | 750 | 44 | SINGLE | SINGLE | 9 | 330 | 330 | 330 | 0.9 | 59 |
| 04649 | 200 | 1000 | 53.2 | SINGLE | SINGLE | 16 | 370 | 410 | 440 | 1.1 | 73 |
| 04644 | 200 | 1500 | 62.1 | SINGLE | SINGLE | 23 | 400 | 400 | 400 | 1.6 | 147 |
| 04646 | 200 | 2500 | 64.2 | SINGLE | SINGLE | 26 | 470 | 470 | 470 | 2.5 | 245 |
| B4023 | 200 | 3250 | 72.5 | SINGLE | SINGLE | 34 | 540 | 540 | 540 | 5.5 | 373 |
| 04734 | 200 | 3250 | 72.5 | TWIN | SINGLE | 34 | 540 | 540 | 540 | 5.5 | 373 |
| 05593 | 250 | 1000 | 53.2 | SINGLE | SINGLE | 34 | 540 | 540 | 540 | 1.1 | 73 |

| Code | Product | Flow Rate (m³/h) | dB | Inlet | Outlet | Kg | L | W | H | Amps | Watts |
|-------|---------|------------------|------|--------|--------|----|-----|-----|-----|------|-------|
| 04647 | 250 | 1500 | 62.1 | SINGLE | SINGLE | 26 | 470 | 470 | 470 | 1.6 | 147 |
| 04643 | 250 | 2500 | 64.2 | SINGLE | SINGLE | 26 | 470 | 470 | 470 | 2.5 | 245 |
| 04645 | 250 | 3250 | 72.5 | SINGLE | SINGLE | 34 | 540 | 540 | 540 | 2.5 | 245 |
| 40036 | 250 | 3250 | 72.5 | TWIN | SINGLE | 34 | 540 | 540 | 540 | 5.5 | 373 |
| 04669 | 250 | 4250 | 66.2 | SINGLE | SINGLE | 34 | 540 | 540 | 540 | 6 | 550 |
| 04652 | 250 | 4250 | 66.2 | TWIN | SINGLE | - | - | - | - | 6 | 550 |
| 04655 | 315 | 2500 | 64.2 | SINGLE | SINGLE | 26 | 470 | 470 | 470 | 2.5 | 245 |
| 04648 | 315 | 3250 | 72.5 | SINGLE | SINGLE | 34 | 540 | 540 | 540 | 5.5 | 373 |
| 04653 | 315 | 4250 | 66.2 | SINGLE | SINGLE | 34 | 540 | 540 | 540 | 6 | 550 |
| 04657 | 315 | 4250 | 66.2 | TWIN | SINGLE | - | - | - | - | 6 | 550 |



ECOTECHNICS
EVOLUTION DIGITAL FAN SPEED CONTROLLER

digital fan speed controller

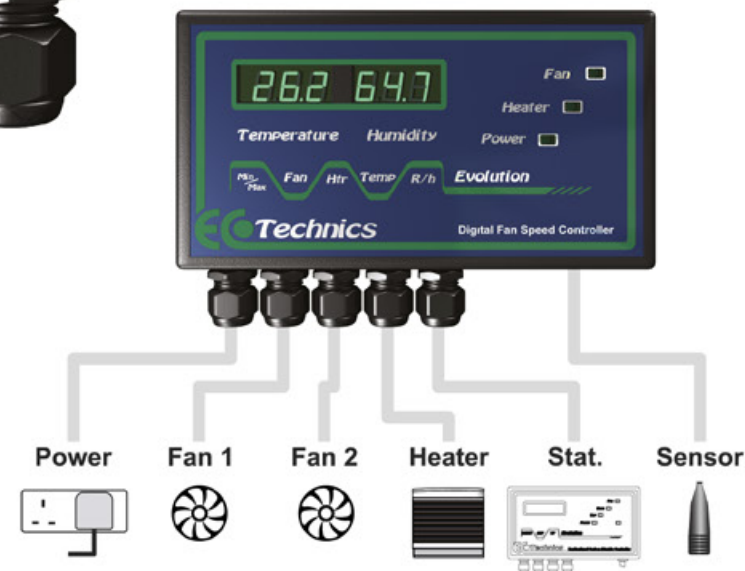
Fully Programmable • Temperature control
Humidity control • Heater control (3Kw) • Advanced control algorithm • Massive 12A total fan load
Live display of temperature/humidity • Max fan speed control • Min fan speed control (idle speed) • Temp/humidity sensor (5m cable) • Interface to Evolution CO₂ Controller • Full 3 year warranty

The Evolution Digital Fan Speed Controller monitors the temperature and humidity within your grow room and constantly adjusts the speed of your extractor and intake fans to maintain optimal growing and flowering conditions.

The unit can also control a grow room heater and

is compatible with the Ecotechnics Evolution CO₂ Controller. This product can control multiple fans through each channel, up to a combined load of 6 amps (per channel). The heater output will control loads up to 3kW, making it compatible with most fan heaters and all solenoid controlled gas heaters.

This controller is a more expensive unit than some other options available but has superior features and technology, so the extra outlay is easily justified for those wishing to have maximum control over their environmental variables.





Mission Controls®

Over two decades of professional experience in horticultural climate control.

Products that stand up to the harsh conditions of indoor horticulture, and our systems and processes have been adopted worldwide.

Mission Controls has the solution for you, whatever the size of your operation.

| MODELS | BASICFAN™ 6.5A | LOGICFAN™ 6.5A | TWINFAN™ 4.5A 7A 4A | DIGISTEP™ 4A 8A 16A | SUPERSILENT™ 4A 8A 16A |
|-------------------|-------------------|-------------------|----------------------------|----------------------------|-------------------------------|
| ENVIRO-SENSE | NO | YES | YES | YES | YES |
| FLUID-MOTION | YES | YES | YES | NO | YES |
| OPTIMIZED-AIRFLOW | NO | NO | YES | YES | YES |
| XTRAFAN-SPEED | NO | NO | YES | NO | NO |
| DYNAMIC-MODE | NO | NO | NO | YES | NO |
| NIGHT-PULSE | NO | NO | YES | YES | YES |
| PERFECT-SINE | NO | NO | NO | NO | YES |
| NO-HUMM | NO | NO | NO | YES | YES |



4.0 AMPS | 900W

BASICFAN™ speed controller

Manual fan speed controller with integrated plug. Compact design. Will not obstruct adjacent plug sockets.

Manual speed control 0-100%

Compact design

Will not obstruct adjacent plug sockets

Integrated plug.

CE certified

Two-year warranty

BASICFAN | 38658



4.0 AMPS | 900W

LOGICFAN™ temperature controller

Dual-mode fan speed controller with integrated plug. In LOGIC Mode, this temperature controller will make predictive changes to the fan speed to maintain the set temperature.

In BASIC mode, the controller works just like the Basicfan speed controller, providing manual fan speed control. Switch between the two modes as required. The compact design will not obstruct adjacent plug sockets.

Dual-mode

Compact design

Will not obstruct adjacent plug sockets

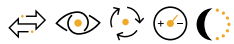
Integrated plug

Fixed temperature sensor NTC 3m

CE certified

Two-year warranty

LOGICFAN | 38659



4.5 AMPS | 1000W | v | 1600W | 14.0 AMPS | 3200W

TWINFAN™
temperature controller
4.5A, 7A, 14A

Set the target room temperature and the Twinfan temperature controller will make predictive changes to the intake and out-take fan speeds to maintain the set temperature.

Xtrafan-Speed and Night-Pulse ensure optimal atmospheric conditions for a healthy growing environment.

Controls up to two fans

Fixed temperature sensor NTC 3m

Fixed Night-Pulse™ sensor LDR 3m

Integrated wall mount

Power lead 3m

CE certified

Two-year warranty

TWINFAN 4A | 38660 | 8A | 38661 | 16A | 38662



4.0 AMPS | 900W | 8.0 AMPS | 1800W | 16.0 AMPS | 3600W

DIGISTEP™
temperature controller
4A, 8A, 16A

The combination of a heavy-duty step transformer with Enviro-Sense, Night-Pulse and Dynamic Mode brings together the fifth generation of this style of controller.

The Digistep temperature controller delivers more dynamic fan speed control and improved accuracy than more traditional 'hybrid'-style controllers.

Set the target room temperature, and the temperature controller will make predictive changes to the intake and out-take fan speeds to maintain that temperature.

Controls up to two fans

Smoother, more accurate 'hybrid'-style controller

Fixed temperature sensor NTC 3m

Fixed Night-Pulse™ sensor LDR 3m

Two-year warranty

DIGISTEP 4A | 38663 | 8A | 38664 | 16A | 38665



4.0 AMPS | 900W

SUPERSILENT™
temperature controller

The Supersilent temperature controller combines the most desirable and sought after combination of features into this state-of-the-art fan controller. Ultra-silent and ultra-smooth fan speed control that is highly accurate, energy efficient and kind on motors.

Set the target room temperature, and the temperature controller will make predictive changes to the intake and out-take fan speeds to maintain that temperature.

Controls up to two fans

Ultra-smooth & ultra-silent.

Highly accurate & energy efficient.

Fixed temperature sensor NTC 3m

Fixed Night-Pulse™ sensor LDR 3m

Integral wall mount

Power lead 3m

Two-year warranty

SUPERSILENT | 38666



**DIGITAL, VARIABLE SPEED, MULTIPLE FAN CONTROLLER
RUNS AC FANS WITH ABSOLUTELY NO BUZZING
TEMPERATURE CONTROLLED, REMOTE THERMOSTAT
LARGE LCD-DISPLAY, CONFIGURABLE MIN-MAX FAN
SPEEDS, DESIRED TEMP, ROOM TEMP,
BANDWIDTH AND MANUAL OPTION FOR FIXED FAN SPEED
OPERATION 10-100% FAN ADJUSTMENT FOR SMOOTH AND
LINEAR SPEED CONTROL**


AVAILABLE IN 3A, 7A OR 13A UNITS

DYNAMIC FREQUENCY CONTROLLER

Typically, most AC fan controllers crudely clip the AC sine wave to try to control fan speeds. Since an AC fan is designed to run on a 50Hz sine wave, the distorted wave supplied to the fan results in it buzzing. This is highly inefficient and will reduce the life of your fan.

The Control Freak Frequency Controller is unique in that it precisely alters the waves frequency to control the fan speed which results in super smooth fan control.

There is no buzzing, the efficiency is much greater and the fan will last much longer.



| Auto | |
|-------------|-----------|
| Temperature | Sensor |
| 24°C | 21°C |
| Min-Fan | Max-Fan |
| 33% | 86% |
| Bandwidth | Fan Speed |
| 3°C | 46% |



INTELLIGENT CONTROLLER 5A

A digital fan speed controller which is easy to set and automatically adjusts the fan speed to maintain the set desired temperature.

Temperature controlled

Easy to set - Just dial in temperature and minimum fan speed

Fan operates between min and max settings to maintain temperature

"Fansync" software maintains the room temperature through constant

precision fan speed control

Smooth fan speed control for accurate and quieter running

Highly accurate temperature adjustment of +/- 1°C

High power capacity, will handle fans of most sizes

3m temperature probe (Probe sold separately)

DUAL FAN CONTROLLER 4.5A AND 6A

The Dual Controller is easy to use and is ideal for controlling inlet and exhaust fans to maintain the set desired temperature and the optimum negative pressure.

Digital Multiple fan speed controller

Temperature controlled

Easy to set - Just dial in temperature and min/max fan speeds

Fans operate between min and max settings to maintain temperature

"Fansync" software maintains the room temperature through constant

precision fan speed control

Smooth fan speed control for accurate and quieter running

Highly accurate temperature adjustment of +/- 1 Celsius

Perfectly synced fans guarantee negative pressure when used with a

larger exhaust/outlet fan than inlet fan

High power capacity, will handle fans of most sizes

FUSION CONTROLLER 4A AND 8A

The Fusion Controller is a heavy duty fan controller that automatically adjusts the speed of both the inlet and exhaust fans to maintain a set temperature and optimum negative air pressure.

Once the desired temperature has been set and the maximum and minimum fan speeds, the Fusion Controller will automatically calculate the exact running speed for your fans to maintain the desired temperature.

Electronic multiple fan speed controller

Temperature controlled

Completely silent fan speed operation

Zero humming from fans

Highly accurate temperature control

Easy to operate automatic and manual settings

5m NTC Temperature Sensor

5 Step fan speed control

SMSCOM

MK2 HYBRID PRO SPEED CONTROLLER

the most popular hybrid model

The MK2 Hybrid Controller uses software based technology combined with a five-step mechanical system for speed control of the ventilation system. It is designed to maintain a constant temperature and keep the air flow under control at all times.

The presence of a heavy-duty, five-step transformer makes the Hybrid Controller the most reliable and silent controller on the market. It guarantees no buzzing or humming from your fans, even at low speeds.

In addition, the MK2 software on the Hybrid Controller will keep the humidity in your room under control during the dark cycle, when it matters the most!



MK2 HYBRID PRO SPEED CONTROLLER 4A

04665 8A 04666 16A 04938

SMSCOM

MK2 TWIN FAN CONTROLLER/SLAVE

easy environmental control

The SMSCOM Twin Fan Controller 4.5A Mk2 represents a real step forward in automatic temperature control.

Unlike other controllers, which simply shunt fans from idle to full speed after the set temperature is exceeded, the Twin Fan Controller automatically calculates the exact running speed for your fans to maintain the temperature you set.

This method provides more accurate temperature control, limits fan noise and guarantees negative pressure inside the room.

The SMSCOM MK2 Twin Fan Controller Slave will daisy chain to your MK2 Controller Pro, enabling you to control multiple intake and out-take fans with the same unit.



MK2 TWIN FAN CONTROLLER 4.5A

04834 7A 04835 7A SLAVE 05825

SMSCOM

MK2 TWIN FAN CONTROLLER PRO

expandable environment control

The Twin Fan Controller Pro is controlled with the MOTION FLOW software. Therefore, it reacts completely differently from the usual controllers.

The Twin Fan Controller Pro makes an evaluation for the gradual increase or decrease of your fans.

By altering the fan speed, the controller will automatically find the appropriate ventilation level at which the programmed temperature is maintained.

In addition, the MOTION PRO software on the Twin Controller Pro will keep the humidity in your room under control during the dark cycle, when it matters the most!



MK2 TWIN FAN CONTROLLER PRO 4.5A

05823 7A 05824

SMSCOM

MK2 SMART FAN CONTROLLER 6.5A

single-fan environmental control

The SMSCOM Smart Fan Controller for a single grow room fan distinguishes itself from other types of controllers using software.

This technology has only ever been seen in the Twin Fan Controller 4.5A but is now available in a unit designed to control a single fan.

The Smart Fan Controller will automatically determine the correct running speed of your fan so that a constant temperature is maintained.

The Smart Fan Controller is plug and play – just plug in your fan and set the desired temperature, and the software inside the controller will calculate the correct running speed of your fan to accurately maintain the temperature.



MK2 SMART FAN CONTROLLER 6.5A

02677 TEMPERATURE SENSOR 05726

GARDEN
HIGHPRO



1 PROFAN TT EXTRACTOR FAN

two speeds, max power

An extremely reliable two-speed motor made of 100% copper. Designed for greater efficiency and low noise. Can be used as a grow room extractor fan or a grow room intake fan.

2 PROFAN AXIAL IN-LINE FAN

super power

The PROFAN Axial In-Line Fan is a compact budget fan ideal for incoming air in smaller grow tents.

The 100% copper wound motor ensures the fan runs at optimum efficiency.

| Code | Product | Speed (r/min) | | Vol (m ³ /h) | | Watt | |
|-------|-------------|---------------|-------|-------------------------|-----|------|----|
| | | 1 | 2 | 1 | 2 | 1 | 2 |
| 05406 | TT 100 | 2.180 | 2.385 | 145 | 187 | 21 | 33 |
| 05407 | TT 125 | 1.950 | 2.455 | 220 | 280 | 23 | 37 |
| 05408 | TT 150 | 1.680 | 2.460 | 405 | 520 | 30 | 60 |
| 04565 | IN-LINE 125 | 2.400 | | 190 | | 20 | |
| 04566 | IN-LINE 100 | 2.300 | | 107 | | 15 | |
| 04567 | IN-LINE 150 | 2.400 | | 305 | | 30 | |

Dimension - mm dB - Sound Pressure Level



1 PROFAN STANDARD

standard 15cm clip fan

15W AC engine. Two speeds. 100% copper engine.

2 PROFAN PROFESSIONAL

premium 20cm clip fan

Fixed-position clip fan incorporating a direct drive magnetic motor. The low-power, 7.5W motor means this fan is quiet, lighter and more stable.

3 OSCILLATING CLIP FAN

360° rotating grid for greater distribution

20W AC engine – 100% copper engine – two speeds. Strong clip for more stability.

| Code | Product | Diameter | Watt | Speed (T/min) | Vol(m ³ /h) | Speeds |
|-------|--------------|----------|------|---------------|------------------------|--------|
| 04564 | STANDARD | 200 | 7.5 | --- | --- | --- |
| 04796 | STANDARD | 150 | 15 | 2.100 | 200 | 2+STOP |
| 03070 | PROFESSIONAL | 150 | 5 | 2.100 | 215 | 1 |
| 37067 | PROFESSIONAL | 200 | 12 | 1.800 | 325 | 1 |
| 37136 | OSCILLATING | 250 | 20 | 2.100 | 305 | 2+STOP |

Dimension - mm dB - Sound Pressure Level



EXTRACTOR KIT

entry-level fan/filter kit

This extractor kit comes in three sizes and is designed to be used as a budget ventilation kit for smaller tents.

The fan is the GARDEN HIGHPRO Profan TT Max. The filter is a proactive carbon filter. Lightweight and compact, it is made from coconut-activated carbon and is matched to the air volume produced by the fan.

The free-flowing design of the filter enables it to be fitted to the fan with very little change in the flow rate.

The complete kit comes in its own branded box; included inside is a fan, 5m of aluminium ducting and two jubilee clips.

Available in the following sizes: 100, 125 and 150mm.

EXTRACTOR 100MM | 36008 | 125MM | 36009 | 150MM | 36010



SECRET JARDIN
MONKEY FAN 120MM/5"
pole-mounted clip fan

Easiest way to ensure an even air circulation inside your grow tent.

These fans are designed to clip quickly on 16 to 19mm poles (0,63 to 0,75 inch). Enjoy low noise and extended lifetime thanks to the brushless DC 24V motor.

The small size of these fans allows you to optimize your grow area. Use them 15° upward or downward to blow air from over or under of the canopy.

Available in packs of 1, or 2 pieces depending on your grow area.

SECRET JARDIN
MONKEY FAN
pole-mounted clip fan

Equipped with a fan clip or a pole-mounting system for easy fixing to grow tents. The fan blades measure 15cm, with the entire body measuring 20cm, making this clip fan ideal for moving air without taking up needed space. The fan blades are enclosed within a metal grid too small for fingers to access.

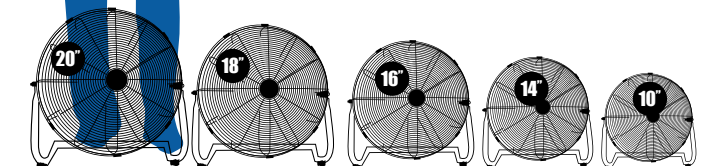
The Monkey Fan was designed for use in tents with poles measuring 16–21 mm, but with a little hook bending, it can be used in tents with 25mm poles. A 13-W motor ensures the fan runs quietly and reliably without hugely increasing electrical spend.



FLOOR FAN
powerful uplift floor fan

The fan can be tilted for a perfectly directed breeze.

The cage can be tilted around the horizontal axis so that it is pointing in the desired direction, no matter what direction a cool breeze is needed.



| | | | | | | | |
|-------------------|-------|-----|-------|-----|-------|-----|-------|
| GARDEN HIGHPRO 6" | 04745 | 10" | 04928 | 12" | 04559 | 14" | 04560 |
| 16" | 04561 | 18" | 05985 | 20" | 04563 | | |

MONKEY FAN MF120 CALL MF2X120 CALL

MONKEY FAN 6" 16W CALL 8" 20W CALL 9" 30W CALL



HIGHLIGHT
16" OSCILLATING PEDESTAL FAN

A sturdy yet portable pedestal fan. Featuring a 16-inch head, the fan has three speed settings and an adjustable height to help you set the perfect coolness level and intensity.

What makes this model especially novel is its unique oscillating option – it can move 120 degrees side to side.

OSCILLATING PEDESTAL FAN | 05356



HIGHLIGHT
OSCILLATING WALL-MOUNTED FAN

A 16" oscillating fan with whisper-quiet operation and three speed settings.

This wall-mounted fan is ideal for moving air around your space while reducing the floor space required.

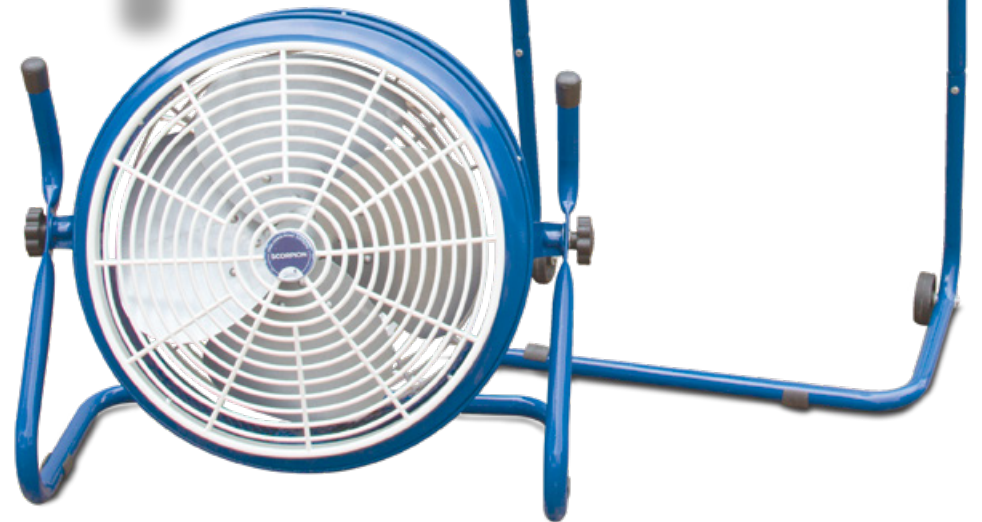
OSCILLATING PEDESTAL FAN | 37840

HIGHLIGHT
12" ROTATING BOX FAN

The Highlight 12" Rotating Box Fan is very practical. Thanks to its thinness, the fan can be deployed in small spaces.

This fan is equipped with a rotating grill to allow for large air diffusion.

ROTATING BOX FAN | 05164



SCORPION FAN

All-metal construction. Tilt to blast air where it is needed most.

Includes a built-in speed controller.

SCORPION FAN | 38924

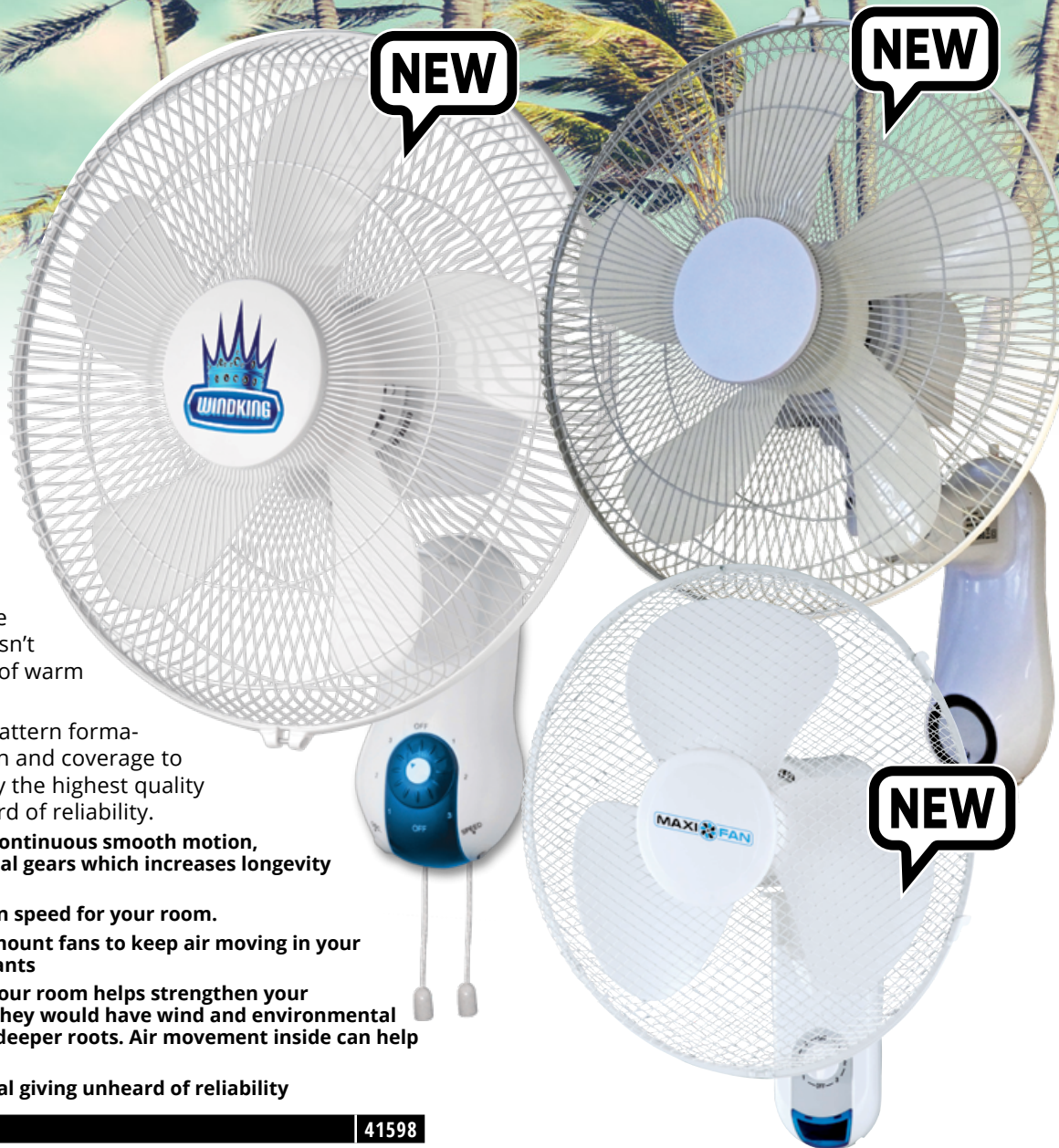


OSTRICH FAN

Stand fan with an all-metal construction. Tilt to blast air where it is needed most.

Includes a built-in speed controller.

OSTRICH FAN | 38925



**WINDKING
16" OSCILLATING WALL
MOUNT FAN**

The 16" Wind King Wall Fan is a 3-Speed, easily mountable fan that keeps a gentle breeze moving through your grow room! Used for managing CO₂, Heat and humidity in your grow room. It helps circulate the air in your grow room, so it doesn't become stagnant and helps get rid of warm and cold spots in your room.

The Wind King's revolutionary "O" pattern formation provides superior air circulation and coverage to your work environment. It uses only the highest quality gear construction giving you unheard of reliability.

"O" Oscillating Pattern: the fan has a continuous smooth motion, putting much less stress on the internal gears which increases longevity of the fan and reduces returns

3-speed settings: dial in the perfect fan speed for your room.

Gentle circulation: use multiple wall-mount fans to keep air moving in your grow room without damaging your plants

Moves your plants: air movement in your room helps strengthen your plants. If they were growing outside, they would have wind and environmental factors that encourage them to grow deeper roots. Air movement inside can help simulate these effects

Made from the highest quality material giving unheard of reliability

OSCILLATING WALL MOUNT FAN | 41598

**AIRFORCE PRO MULTI
DIRECTION WALL FAN**

The 16" Air Force wall fans are the ideal for use in multiple places, from office to grow room! The fans are simple to assemble and fit onto your wall.

The Air Force wall fan has 40 Watts of power with 3 different speed settings, high, medium and low.

These can be alternated with one of the two string controls hanging under the wall fan. The fan is able to rotate 90° on a loop or stay in the same place by pulling the other hanging string under the wall fan.

The Air Force wall fan can also tilt up and down allowing you to direct where you want cool air distributed.

AIRFORCE PRO MULTI DIRECTION WALL FAN | 42330

**MAXIBRIGHT
MAXIFAN WALL FAN**

40cm wall mountable fan
Three speed, rotating directional air flow,
30cm diameter.

40cm WALL FAN | 41860





∅100x10m ∅125x10m ∅150x10m ∅200x10m ∅250x10m ∅315x10m ∅355x10m
 ∅100x5m ∅125x5m ∅150x5m ∅200x5m ∅250x5m ∅315x5m ∅355x5m

KINQUIET DUCTING

KinQuiet Ducting is super silent and super effective - helping to reduce any noise produced by your extraction system. It's time to ditch your old ducting and get some KinQuiet to help keep your installation quiet as a whisper.

5M | 150mm | 37343 | 200mm | 37786 | 250mm | 37342 | 315mm | 38272 | 10M | 200mm | 37341 | 250mm | 37339 | 315mm | 37340



GORILLABOX COMBI/ALUMINIUM DUCTING

This GorillaBox ducting is available as three-ply aluminium foil and PVC-coated combi ducting for additional strength and resilience. Available from stock in diameters of up to 355mm, it comes in 5 and 10m lengths as is standard.

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



WHITE BLACK COMBI DUCTING

White-Black Combi Ducting is made from aluminium and polyester mixed with a flexible steel helix to make a strong and long lasting, crimp resistant duct for your grow room.

A white reflective covering and black inner finishes the design to effectively reflect light and heat and reduce the noise from air movement making your grow room ventilation system work more efficiently.

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



ACOUSTIC DUCTING

A high quality, flexible aluminium ducting with a perforated inner layer and an acoustically transparent plastic layer to encapsulate the fibreglass.

The noise reducing insulation limits break-out noise from the duct and acts as a fan silencer.

For best results use on both the input and output sides of your extractor fan.

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



PRO-SWIRL AIR DIFFUSER

The Pro-Swirl Air Diffuser is used in conjunction with a hanging fan to de-stratify the air in a room, producing a more even temperature spread.

It can also be used on the end of your supply air ducts to reduce cold spots in winter.

Available in sizes ranging from 100 to 315mm.

100mm | 06029 | 125mm | 06030 | 150mm | 06031 | 200mm | 06032
250mm | 06033 | 315mm | 06034



FAST CLAMP

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



FLEXI DUCT CONNECTOR

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



REDUCER

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



METAL 90° BEND

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



METAL 45° BEND

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



EQUAL T PIECE

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



Y PIECE DUCT SPLITTER

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



EQUAL Y SECTION

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



METAL WALL PLATE FLANGE

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



METAL WALL FLANGE

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



BACKDRAFT SHUTTER

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES



JUBILEE CLIP

CALL OR LOGIN TO THE PORTAL FOR AVAILABLE SIZES





275

ENVIRONMENT



HR15 & HR50 HUMIDIFIER

controllable humidification

More often than not, you will find that plants prefer growing in humid conditions. The HR15 Humidifier is perfect for controlling humidity in smaller grow rooms of up to 30m² with 4-6 lights.

The HR50 Humidifier is perfect for controlling humidity in larger grow rooms of up to 150m² with 10-15 lights.

Ideally, they should be used with RO water to prevent calcium deposits in your room and within your carbon filter.

HR15 & HR50 KITS

The HR humidification kits come complete with a 100L space saver tank, an in-line 6 to 13mm filter, a metre of 6 and 13mm pipe, and either an analogue or digital humidistat.



GARDEN HIGHPRO

HUMIPRO

cool fog generator

Equipped with a twin nozzle with 360° rotation, the gardener can direct the flow of humidified air wherever it's needed.

We recommend placing it near an intake fan to provide uniform distribution throughout your environment.

With a built-in humidistat, the HumiPro maintains the perfect humidity in your garden.

Other entry-level humidifiers do not have a humidistat, so an additional purchase is required to maintain a set humidity level.



GORILLA

HUMIDIFIER

8L tank capacity

Humidify your growing area with a misting humidifier.

The Gorilla humidifier produces a mist output of 250-350ml per hour and features an 8L holding tank.

Using a humidifier lifts the relative humidity of the area and only uses 32W of power at a whisper-quiet 35dB.

The adjustable output volume means the humidifier can be tailored to any size of growing area.



ECOTECHNICS

EVOLUTION CO₂ CONTROLLER

next-generation technology today

The Evolution CO₂ Controller is the most advanced of its kind and has more features and functionalities than any other product on the market.

It can be used either with or without the Evolution CO₂ Sensor and can be interfaced to an external thermostat/hygrostat, providing a cheap entry-level system with an easy and affordable upgrade path in the future.

This unit is also compatible with the Evolution Digital Fan Speed Controller. The Evolution CO₂ Controller monitors CO₂ levels within your grow room and constantly adjusts the amount of CO₂ to maintain ideal conditions for optimal plant growth.

The controller utilises the latest microprocessor and infra-red technology to monitor and control the levels of CO₂ in your growing area.

The controller can operate with or without the Evolution Solid State NDIR CO₂ Sensor. It can also be used with either bottled CO₂ gas or a propane- or natural-gas-burning CO₂ generator. In addition, the Evolution CO₂ Controller can be attached to most external thermo-hygrostats for improved environmental control.

EVOLUTION CO₂ CONTROLLER COMPLETE

05778



ECOTECHNICS

EVOLUTION PPM CONTROLLER

monitor, control and supplement

Once you've mastered the art of indoor gardening, take the plunge into growing with supplemental CO₂ using the effective Evolution PPM Controller.

Both smart and stylish, the Evolution PPM Controller can be attached to either a CO₂ regulator and solenoid valve or a propane gas burner to increase the CO₂ levels in your growing area.

Once your growing room is totally dialled in, CO₂ becomes the limiting factor, so the next logical step is to increase the CO₂ levels, boosting your plants' growth rates and maximising your yields beyond anything you've experienced before!

EVOLUTION PPM CONTROLLER

05933



ECOTECHNICS

CO₂ REGULATOR

CO₂ gas bottle regulator

The EcoTechnics CO₂ Regulator fits onto a CO₂ gas cylinder, utilising a solenoid valve to distribute the gas as required. Once initiated, it doses according to the user's preference, as set on either the Evolution CO₂ Controller, Unis Controller or Evolution PPM Controller.

The CO₂ Regulator ensures that the perfect level of CO₂ is maintained in your grow area at all times, stimulating your plants to grow faster and larger than ever before!

UNIS CO₂ CONTROLLER & REGULATOR COMBO

If you've mastered the art of indoor gardening and want to take your growing to the next level, then CO₂ supplementation is for you.

The Ecotechnics UNIS CO₂ Regulator fits onto a CO₂ cylinder, and its accompanying UNIS Controller can then be set to tell the regulator to administer doses based on the size of your growing area.

The regulator can also be used in an array of combinations with the Evolution Controller and the Ecotechnics Analyser for the ultimate CO₂ supplementation solution!

CO₂ REGULATOR

02066

UNIS CO₂ CONTROLLER & REGULATOR

00592

GROWMAX WATER™

Perfect Water for Plants and Gardens

NEW



GrowMax Water filtration systems range from units that filter 240 litres per hour for house plants, flowers and other indoor and outdoor applications up to 2.000 litres per hour designed for large gardens, nurseries and other commercial uses.

All GrowMax Water systems use GREEN carbon block filters that have superior absorption capabilities.

Removes up to 99% of chlorine, herbicides, pesticides, and volatile organic contaminants.



**ECO
GROW
240**

Two-Stage Water Filter
Filtered water capacity: 11.000L
Flow: 240L/h

ECO GROW | 43336



**SUPER
GROW
800**

Extra High Capacity Two-Stage Water Filter
Filtered water capacity: 27.000L
Flow: 800L/h

SUPER GROW | 43480



**PRO
GROW
2000**

Professional Two-Stage Water Filtration
Filtered water capacity: 56.000L
Flow: 2.000L/h

PRO GROW | 43481



**GARDEN
GROW
480**

Two-Stage Water Filter
Filtered water capacity: 27.000L
Flow: 480L/h

GARDEN GROW | 43337

GrowMax Water Reverse Osmosis systems are the best available for the growing and gardening industry today. These units produce Low EC Water with production rates of 20 - 40L per hour and up to 3000L per day, and include features like pressure gauges, flow restrictors, and automatic shut-off valves to ensure your system will maintain optimum performance and reliable service for many years.

Removes up to 95% of all salts, heavy metals, herbicides and pesticides, volatile organic contaminants, nitrates/nitrites.

Also eliminates up to 99% of chlorine and sediments down to 5 microns, immediately!



**MEGA
GROW
1000**

Reverse Osmosis System
1000 L/d (up to 40 L/h) of pure water

MEGA GROW | 43483



**POWER
GROW
500**

Reverse Osmosis System
500 L/d (up to 20 L/h) of pure water

POWER GROW 500 | 43482



**MAXQUARIUM
000PPM**

Reverse Osmosis System + De-Ionizer
designed for use in aquariums, aquaponics,
hydroponics and for all those growers who
want to work with ULTRA PURE water.

*Produces up to 500 L/d - No waiting, produces
up to 20 L/h ULTRA PURE WATER!*

MAXQUARIUM | 43484

**GROWMAX
3000**

Reverse Osmosis System
3000 L/D (125 L/h) of pure water

GROWMAX | 43480



**IBEBOT
AIRCOMFORT**

connected temperature & humidity reporting

The AirComfort Bluetooth temperature and humidity sensor is a very useful gadget that lets you keep an eye on your grow room temperature and humidity levels. It wirelessly connects to any smart phone via secure Bluetooth and uses an app to display the readings and change the settings.

The AirComfort records and stores temperature and humidity data, which can be downloaded to the app when you are in range – simply open the app and refresh the feed, and all information will be quickly available.

There are a range of options you can set, including how often the unit records information.

You can also set up an alert for when the set parameters are passed, be it too hot, too cold, too damp or too dry. With the touch of a button, you can view the historical data in graph form, so you can easily see the highest and lowest points of both measurements.

**IBEBOT
SOILQUALITY**

connected soil moisture & nutrient sensor

The SoilQuality Sensor allows you to track and take care of your plants by making soil moisture and soil nutrient data available through a mobile app.

With the SoilQuality Sensor, you'll know when your plants are thirsty or in need of more nutrients for growth.

The sensor is water resistant and perfect for your indoor plants and kitchen garden.



The app connects to the Soil Quality Sensor via Bluetooth so that you can monitor, track and analyse the soil conditions of your garden.

**IBEBOT
HUB**

access data anytime, anywhere

The iBeBot Hub is an innovative device that serves as a central control system for the AirComfort and SoilQuality. With its sleek design and user-friendly interface, the Hub seamlessly connects and manages various smart devices, allowing users to control and automate their home environment with ease.

Sync unlimited AirComfort and SoilQuality devices

Wi-Fi 802.11 b/g/n, 2.4GHZ and Long BLE range

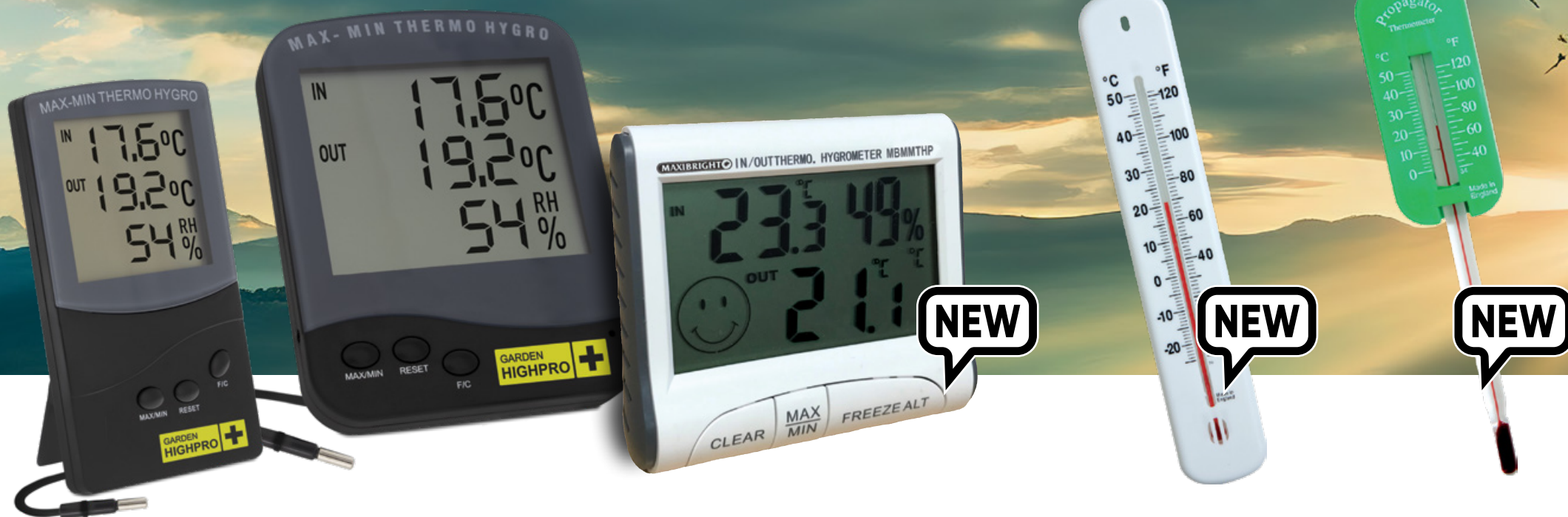
Status RGB LED and local control button

16A resistive load switching capacity (20A max switching current)

Automated OTA firmware updates

Supplied with either a UK, EU, FR, US & AU plug

110mm x 62mm x 72mm | Approx. 145g



**GARDEN HIGHPRO
HYGROTHERMO
MEDIUM**

thermometer with hygrometer

Accuracy:
1°C RH 5%.

Indoor hygro range:
25% to 90% RH.

Temperature range:
0°-50°C/ 32°-122°F.

**GARDEN HIGHPRO
HYGROTHERMO
PREMIUM**

thermometer with hygrometer

Made with Japanese components
for precise measurements.

Indoor humidity range:
25% to 90% RH.

Temperature range:
0°-50°C/32°-122°F.

**MAXIBRIGHT
THERMO HYGROMETER**

thermometer with hygrometer

This unit simultaneously displays both the humidity and temperature levels in the grow room, the min-max also indicates and records the minimum and maximum temperature and humidity level achieved.

The Min-Max hygrometer measures humidity and temperature over a range of 0 to 50 °C and 10% to 99% humidity.

Understanding grow room humidity and temperature levels will allow growers to make the necessary adjustment to maintain optimal conditions.

The Min-Max can be free standing or hung by the hook from a shelf.

**WALL
THERMOMETER**

packs of 10
This thermometer will help you determine the most comfortable and economical temperature in your home.

Suitable for both indoor and outdoor use.

**PROPAGATOR
THERMOMETER**

packs of 5
The ideal thermometer to ensure the correct temperature for seed germination, Insert thermometer stem into propagator compost, Please consult a gardening book or the seed packet for the correct temperature.



**INDIZONO
OZONE GENERATOR**

eliminate odour and bacteria

Discover the most economical way of producing ozone in your air ducts.

The Indizono Ozone Generator produces ozone through electrode ceramic plates, which is the most economical way of generating ozone. The amount of ozone it generates is equal to or greater than that of current ozone lamps at about half the price.

Ozone is O₃, meaning it has an atom more oxygen per molecule than the more stable O₂, giving it a high reactive power to completely remove any odour in the

air. It is a disinfectant, fungicide, bactericide and virucida as well as a deodorant, so it eliminates the germs and bacteria in your air ducts.

Now, you can completely eliminate odours that carbon filters miss.

Simply fit the Ozone Generator in the duct after the fan. Ozone reacts with everything it is mixed with, so leave at least 5m of duct after the generator to complete the process.



**GORILLA
2KW HEATER**

Perfect for quickly heating small work-shops, garages, sheds etc. The heater features two adjustable heat settings as well as a fan to quickly spread the heat throughout the area; the fan can also be used without heat for cooling purposes. The heater produces a dry heat, making it safe to use in damp conditions, and also features a built-in thermostat to prevent overheating.

GORILLA 2KW HEATER | 37391



**GROWARM
2KW FAN HEATER**

The GroWarm Fan Heaters are small but powerful! The 2Kw model comes with handles for easy movement, and water resistance of IP24, making them perfect for the grow room environment! They are ideal for heating up small to medium rooms. This model comes with 3 operating modes for desired heat output and an essential safety cut-off feature, meaning you don't have to worry about overheating.

GROWARM 2KW HEATER | 41666



**LIGHTHOUSE
2KW HEATER**

The Lighthouse 2kw Greenhouse Heater will keep your greenhouse, grow room and grow tent temperatures under control. To grow successfully, you're going to need to maintain a consistent environment. plants thrive at temperatures of around 25-28 degrees centigrade during the 'lights on' period and at 18 degrees in darkness. As winter approaches, maintaining these temperatures can become difficult without some form of supplementary heating, especially during hours when lighting is switched off.

LIGHTHOUSE 2KW HEATER | 37050



PLUG-IN WALL HEATER

A compact plug-in 400W wall heater with two speed settings adjustable thermostat and an ultra-quiet fan. This space-saving portable heater has a rotating plug for convenient access to any socket, making it quick and easy to use when additional heat is required.

COMPACT PLUG-IN WALL HEATER | 37103



HYLITE TUBE HEATERS

These tube heaters are designed to use far less electricity than fan heaters and are cleaner than paraffin heaters. Energy usage is kept to a minimum with a built-in thermostat that switches the heater off when the surrounding area gets too warm. The heaters are IP44 compliant to be resistant to sprinkled water.

HYLITE TUBE HEATERS 30cm | 05115 | 50cm | 04047 | 75cm | 05116 | 100cm | 03106 | 150cm | 02590

OIL-FILLED RADIATOR

These oil-filled radiators are compact and powerful, perfect for warming up your grow room and keeping temperatures optimal. Having a portable oil-filled radiator makes warming up your grow rooms easy. You can move it around whenever necessary without disrupting anything from your grow room set-up.

OIL-FILLED RADIATOR 1000W 5FIN | 37107





CO₂ BOOST COMPLETE
organic CO₂ generator

CO₂ Boost, the industry leader in all-natural and renewable CO₂, introduces CO₂ Boost Complete. CO₂ Boost Complete is a one-of-a-kind, all-natural and organic CO₂ generator that pumps CO₂ directly into your garden for up to 90 days. It has been shown to safely increase your yield and maximise plant growth.

CO₂ Boost Complete is a truly revolutionary and innovative CO₂ production system that consists of a cube containing a patented formula, a pump and a tube to lead the CO₂ to the growing area. The grower only has to connect it with the light cycle of their plants and let the gas act.



EXHALE CO₂ BAG/XL/365
the original CO₂ bag

The ExHale CO₂ bag cultivates CO₂ 24 hours a day, with no need to refill bottles. Maintenance-free. No heat. No electricity. Just CO₂. A continuous shower directly on to your plants is the most efficient way to deliver CO₂. The regular-sized ExHale CO₂ Bag is designed for small to medium grow spaces. More specifically, one bag will provide 4-6 plants with the CO₂ they need. It can be used for both vegetative plant growth and fruit and flower production. The ExHale 365 CO₂ Bag is the first real customer-activated CO₂ bag in the world. Prevent CO₂ waste! Release CO₂ when and where you need it – grab the ExHale 365 self-activated bags.



CO₂ BOOST
BOOST BUDDY
natural CO₂

Boost Buddy is a product for the application of CO₂ in growing spaces measuring 1.2 x 1.2 meters or less. It does not require electricity or maintenance, it just hangs inside the growbox and continuously emits CO₂ (it is recommended to remove it at night). The difference between Boost Buddy and other similar bags is that Boost Buddy generates 5 times more CO₂ thanks to its own unique blend of ingredients and a bag with a larger breathable surface. Boost Buddy can be used for 6 months (2 harvests) and then it can be used as garden compost, because all 15 ingredients are completely organic.



TNB NATURALS
THE ENHANCER
natural CO₂

The Enhancer is an all-natural CO₂ generator made from 100% organic ingredients. This safe and effective solution for CO₂ supplementation creates a blast of CO₂ that can reach 1200ppm in a 12x 12x12ft area for up to two weeks. The Enhancer's simplicity and ease of use – along with the fact that it does not produce heat or require any additional equipment – makes this the future of CO₂ production.

REFILL PACK

The Enhancer CO₂ Refill Pack gives growers the ability to reuse their existing Enhancer bottle while saving money and reducing their environmental footprint at the same time.



CO₂ FUSION
photosynthesis stimulator

In Jurassic times, ferns were huge due to very high atmospheric CO₂ levels. Modern plants have evolved from these ferns to grow with lower CO₂ levels. Spraying with CO₂ FUSION allows plant leaves to reach the same level of CO₂ saturation as in Jurassic times, resulting in bigger leaves and more available chemical energy. CO₂ Fusion is a unique combination of 100% natural plant hormones and amino acids, delivered directly to the plant leaves in a readily absorbed and stabilised CO₂-infused mist. When used on cuttings, CO₂ Fusion significantly speeds up the rooting process.

CO₂ BOOST COMPLETE | 38784

ORIGINAL 03152 | XL 04511 | 365 36369

BOOST BUDDY | 40244

THE ENHANCER 37652 | REFILL 37654

CO₂ FUSION 1L 05442 | 10L 05443



SYNERGY
NEUTRALIZER PRO KIT

The Neutralizer Kit Pro is the #1 in odour elimination system made for use in your home and growing environments. The Neutralizer is a revolutionary product that provides a simple solution to problematic and pungent odours. The extensive research derived from a simple relationship found in nature allows The Neutralizer to target specific odour molecules and contain them in order to completely eliminate their scent.

The Neutralizer Kit Pro is a highly elaborate and secret formula of essential oils. Thanks to its patented system of heat transmission, the EME achieves and maintains the exact temperature required in order to evaporate odours.

SYNERGY
NEUTRALIZER COMPACT KIT

The Neutralizer has been developed by Aromastar who specialise in professional neutralizing fragrances.

The Neutralizer works by generating a molecule distilled from essential oils extracted from flowers, plants and fruits to completely nullify unwanted odours. The EME (Electronic Molecule Evaporator) manages a constant and controlled evaporation 24 hours a day, in a clean and effective way, lasting for up to 5-6 weeks covering up to 15-20m3

- Compact plug in size**
- Up to 6 weeks life - constant 24hr use**
- Essential oil based**
- Neutralizes within an hour of activation**
- Not harmful - Natural ingredient blend**
- Replaceable refill**

SYNERGY
NEUTRALIZER ROAD KIT

The Neutralizer Road Kit has been specifically designed to eliminate unwanted odours in your car. Unlike other neutralizers on the market, the Road Kit ensures that unwanted odours will be neutralized completely (neutralized, not masked!).

The Neutralizer Road Kit needs to work faster than the other Neutralizers. Where the other Neutralizers take about an hour to warm up and spread the oils, the Road Kit only needs 5 minutes to warm up and spread the oils.

As soon as the oils are being spread, unwanted odours will be neutralized in a molecular level immediately. When somebody then gets in your car, or leans over to your window, they will only smell a pleasant, fresh odour.

PRODOUR
gel or cubes

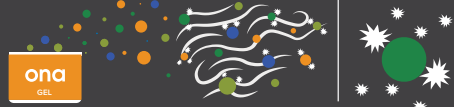


Say goodbye to unwanted smells with our powerful formula that effectively masks odours, leaving your space fresh and inviting.

Our advanced formula tackles even the toughest odours, leaving behind a refreshing scent. With its long-lasting effect, easy application, and wide range of captivating fragrances, ProDour ensures you enjoy a delightful atmosphere every day.

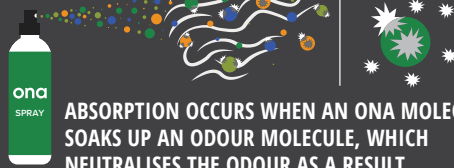
Embrace the power of ProDour and bid farewell to unpleasant smells for good.

ADsorption



FIRST, ELECTROSTATIC AND MOLECULAR FORCES CAUSE ONA MOLECULES TO ATTRACT AND BOND WITH ODOUR MOLECULES, THIS IS ADSORPTION.

ABsorption



ABSORPTION OCCURS WHEN AN ONA MOLECULE SOAKS UP AN ODOUR MOLECULE, WHICH NEUTRALISES THE ODOUR AS A RESULT.

Chemical Reaction



WHEN A CHEMICAL REACTION OCCURS, THE COMBINED ONA AND ODOUR MOLECULES REACT AND CHANGE TO CREATE A NEUTRAL COMPOUND, THEREBY ELIMINATING THE ODOUR.

ona

How does ONA work to eliminate nasty odours? Well, it all happens naturally on a molecular level.

Scientifically speaking, there are three methods of odour neutralisation that occur: ADsorption, ABsorption and a Chemical Reaction.



GEL
popular, practical, powerful
500ml, 1L, 3.65L, 4L

Years of development have led to the creation of a blend of ONA liquids and various suspension elements, resulting in a product that has excellent dispersal qualities. Odour-neutralising agents are released in a controlled manner so that every drop of the product is used.



BLOCK
long-lasting freshness
170g

Ideal for small areas such as closets, foyers, attics, cars, boats, kitchens, waste bins, cupboards and vents. ONA Block will release its powerful odour-neutralising agent and keep the location free from undesirable odours. ONA Block measures 3" x 3" and will fit in most places. ONA Blocks are used in combination with the In-Line Duct Dispenser.



LIQUID
versatile and practical
1L, 4L, 20L

A versatile product that can be used in many different applications. It can be added to commercial misting systems or humidifiers or simply sprayed freely into the air to neutralise airborne odours on contact. ONA Liquid is water-based and can easily be diluted to safely and effectively wash odour-saturated garments.



SPRAY
use it everywhere!
250ml

Industrial-strength odour control that comes in a personal size! Do you have smokers in your family? Do you have pets that go everywhere in your house? Do you have an unpleasant-smelling garbage area? Would you like the air in your home or office to smell fresh and clean? If so, use ONA Spray!



MIST & DISPENSER

24hr odour reduction

The ONA Dispenser is a great way to control odours.

It will provide you with 24-hour odour control.

ONA Mist comes conveniently packaged in aerosol cans that fit the dispenser.

The cans hold 170g.

BREEZE FAN

compact, light & efficient

The ONA Breeze Fan has been re-designed. It's lighter, uses less power and now fits on either the ONA Gel Pail or ONA Gel Jar (4L and 1L, respectively).

This makes the ONA Breeze Fan excellent for the efficient dispersement of ONA Gel.

CYCLONE FAN

maximum dispersal

The ONA Cyclone is a cost-effective, high-quality odour distribution system.

This portable fan runs very quietly while effectively destroying odours anywhere it's needed. Loaded with a 20L pail of ONA Gel, it provides high-volume, high-capacity odour control under the worst conditions.

Using less power than an incandescent light bulb, the ONA Cyclone provides odour control for up to 460m².

IN-LINE DUCT DISPENSER

ONA odour in your duct

The ONA Duct Dispenser allows the smell of an ONA Block to mix with any odours you have in your air duct so that the Block can start doing its work.

Just attach to your ventilation system and insert the desired number of ONA Blocks. Any unwanted odours will be removed from your ducting quickly, effectively and permanently.

MISTING DOME

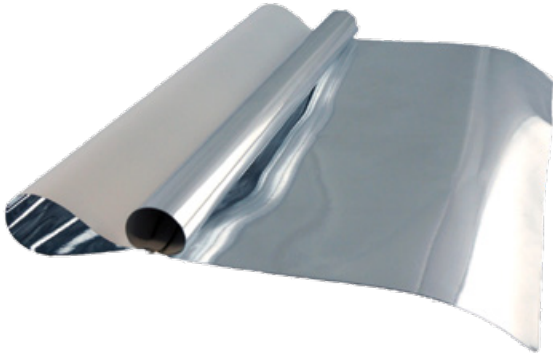
neutralising diffuser

The ONA Misting Dome is an odour-neutralising diffuser unit with built-in ambient LED lighting.

Choose whether your dome is white or green and create a relaxing atmosphere filled with the pleasant fragrance of ONA Liquid.

To be used in conjunction with ONA Liquid.

Liquid can be diluted if desired.

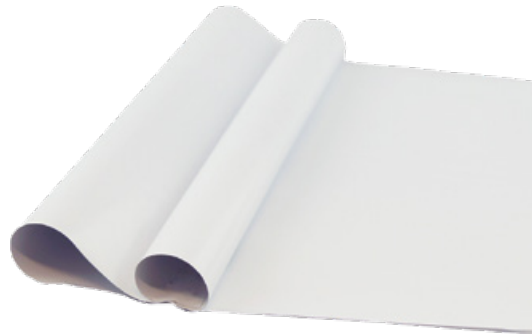


SILVER/WHITE MYLAR ECO

A silver/white economy grow sheet that allows for increased light reflection while supplying a safe and secure growing environment. Coated with PET to protect against corrosion and wear. A Non-Lighttite product.

SILVER/WHITE ECO

36911



WHITE LIGHTTITE

A 100%-white-lighttite, triple-layered grow sheet with a centrefold. Both sides of the sheet are white but light-tight to allow separate light cycles to perform within the same area. Results in better plant growth, increasing yields by reflecting thermal heat, which also results in reduced energy costs. This sheeting will help stop mould and algae and stimulates vigorous growth.

WHITE LIGHTTITE 2M x 100M x 120MM

04049



SILVER LIGHTTITE

Within our indoor gardens, we try to do everything we can to imitate nature and tweak variables to gain maximum yields. In nature, reflective materials are not necessary because of the great distance between the sun and the Earth. In an indoor garden, however, reflecting light is one of the most important things a grower can do to get the most out of their light source.

SILVER LIGHTTITE 10M

02540 100M 01925



SILVER/WHITE MYLAR LIGHTTITE

This silver/white Mylar lighttite is a yield-increasing, spectrum-enhanced silver reflector applied to a gloss white/triple-layered grow sheet. These grow sheets offer optimum light return and are 100% light-tight. They are coated with PET to protect against corrosion and wear. The sheet is five layers thick to ensure a complete black-out and is completely light-tight.

SILVER/WHITE MYLAR LIGHTTITE 10M

38165 100M 01925



ULTRA SILVER FOIL

Ultra silver foil is the ultimate reflective silver grow sheet, providing the perfect reflection via a dual-layered silver roll.

ULTRA SILVER FOIL

02540



FLOOR SECURE

Designed to protect the floors of grow rooms from water damage, Floor Secure is basically a damp-proof membrane (DPM) that is thick enough for heavy traffic. This product is also very useful for stopping any pests from getting into the carpet of your grow room.

DPM WHITE 4 x 25M

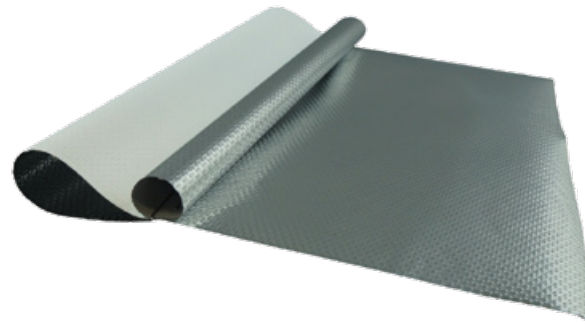
02235



DIAMOND LIGHTITE

This diamond lightite sheeting has a diffused, raised-diamond pattern to spread light more evenly over the plant canopy, allowing the light to be situated closer to your plants and providing maximum reflection of light lumens while significantly reducing energy costs.

The five-layer material is 100% light-tight, creating true blackout, stopping light and heat energy from escaping.



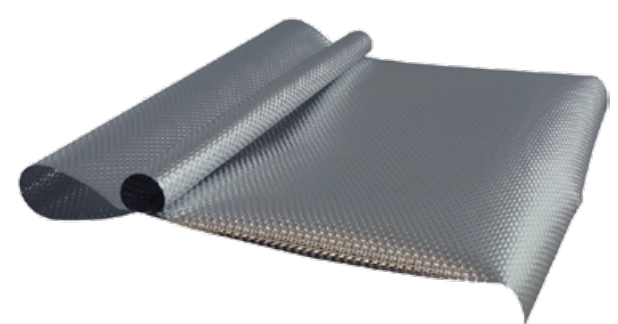
DIAMOND ECO

Diamond Eco Diffusion sheeting has a diffused pattern to spread light more evenly.

Produced to help eliminate grow room hotspots.

Membrane memory to reduce creasing effect. Coated with PET to protect against corrosion and wear.

A non-lightite product.



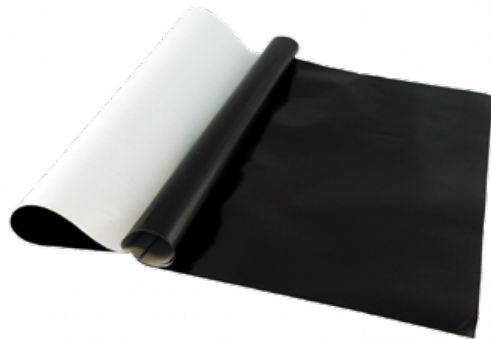
HEAVY-DUTY DIAMOND FOIL

Ultra silver for maximum reflection. Diffused pattern to spread light more evenly. Heavy-duty construction to reduce the chances of ripping and creasing.

DIAMOND LIGHTE10M | 05831 | 100M | 03051

DIAMOND ECO 10M | 04849 | 30M | 36523

HEAVY-DUTY DIAMOND FOIL 1.2 x 10M | 04885



BLACK & WHITE SHEETING

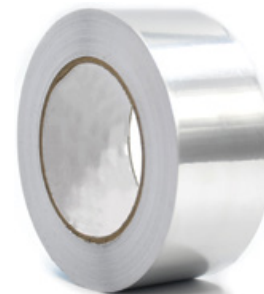
Black and white sheeting is a cost effective way to create your own growing environment by reducing external light and reflecting grow lamps.

Available in 2m wide x 10 or 100m, this sheeting provides a cheap way to convert a room.



SILVER X WEAVE TAPE

Bright aluminium foil tape reinforced with 5mm² glass scrim.



ALUMINIUM FOIL TAPE

Highly reflective, adhesive-backed waterproof foil tape.



DUCT TAPE

Waterproof multipurpose cloth tape for interior and exterior use.

Heavy duty with a toughened plastic layer. Withstands temperatures from -5°C to 60°C

THIN 10M | 02373 | 100M | 01879 | THICK 10M | 02374 | 100M | 01880

SILVER X WEAVE | 04049

HEAVY DUTY DIAMOND FOIL | 04885

DUCT TAPE 10M | 05831 | 100M | 03051





291

ACCESSORIES



**KINGFISHER
16L KNAPSACK SPRAYER**

A 16L backpack pump. A general purpose pressure sprayer with a side handle, hand pump and comfortable shoulder strap.

Adjustable spray lance to enable easy and accurate spraying with a safety pressure release valve. Anatomically shaped tank for balanced weight distribution when in use.

KINGFISHER 16L KNAPSACK SPRAYER | 05240



**KINGFISHER
8L KNAPSACK SPRAYER**

An 8L high pressure sprayer. Can achieve pressure up to 40psi. Ideal for cleaning vehicles, trailers, boats and bicycles.

Can also be used around the home and garden. Includes lance, cleaning brush and shoulder strap. Compact, practical and easy-to-use.

KINGFISHER 8L SPRAYER | 06040



**KINGFISHER
5L PRESSURE SPRAYER**

A 5L general-purpose pump sprayer with shoulder strap for easy and comfortable use.

The sprayer features a built-in lid-based hand pump and a safety pressure release valve. The spray lance is easy to use and adjustable to enable accurate spraying.

PRESSURISED SPRAYER 5L | 05849



NEW

**GREEN BLITZ
EXTENDABLE SPRAY LANCE**

Grow Bitz telescopic 7 dial spray lance with cushion grip handle and snap on hose connector. Extendable to 52 inches.

EXTENDABLE SPRAY LANCE | 05240



**GARDEN HIGHPRO
HIGHPRO PUMPRO**

A water pressure pump. It works by creating pressure inside the bottle and then releasing it by ejecting a strong water spray or a gentle fog. It features a rotating 360° nozzle capable of reaching every corner of your grow area.

HIGHPRO PUMPRO | 38070



**KINGFISHER
1.5L
PRESSURISED
SPRAYER**

These pressurised sprayers are a must have when dealing with grow room pests.

PRESSURISED SPRAYER | 04671



GRAVITY SPRAYER

The Gravity Sprayer distributes an ultra-fine mist across the entire plant surface

GRAVITY SPRAY | 03141



360° SPRAYER

Easily reach the places that pests tend to hide with this innovative adjustable-head spray bottle.

360° 1L SPRAYER | 04507



PLANT LABELS

Stick-in plant labels, extremely hard wearing, sturdy and easy to write on. The plant labels are slightly porous allowing for easy permanent marking. Easy to push into compost or soil.

PLANT LABELS | 38755



GARDEN SCOOP

Made from durable and lightweight polypropylene. Profiled handle with hole for hanging. Ideal for dispensing seeds, powders, pellets, and other dry materials. Capacity: 500ml.

GARDEN SCOOP | 38668



MULTI PURPOSE GARDEN WIRE

Essential for any keen gardener. Support fledgling plants and flowers to creating horizontal supports against fencing and trellis. 2mm x 20m

MULTI PURPOSE GARDEN WIRE | 40007



BLACK BAGS

Strong black bags sized to hold a bag of growing medium.

BLACK BAGS | 02387



**GUARD 'n' AID
INSECT CATCHER**

Non-toxic hanging sticky fly traps that are safe to use near edible crops. They are a good way to catch flying insects and stop infestations.

INSECT CATCHER | 05233



SOIL BOX

Plain cardboard boxes that are the perfect size to hold two bags of any growing medium.

SOIL BOX | 36211



NUTRIENT BOX

Small strong boxes that will hold 10 Canna 1L or 2 x 5L nutrient bottles. 27 x 32 x 30cm

NUTRIENT BOX | 37380



COVERALLS

Coveralls with hood; double-sided tape covers the entire flap. Elastic hood and ankles, with simple seams: 100% polypropylene (SMS). 55gsm knitted cuffs: 100% polyester.

COVERALL | 39305



GARDEN HIGHPRO LIGHTHANGER

plastic pulleys
Easier to use than conventional pulleys.
Regulate the height to the millimetre.
Fixing pulleys of up to 5kg capacity.
1.05m rope length (3.4ft).

LIGHTHANGER 5KG | 04570



GARDEN HIGHPRO PROHANGER

regular rope ratchet
Strong and ultra-resistant pulleys.
Ideal for securing heavy carbon filters.
Fixing pulleys of up to 68kg capacity.
1.5m rope length (4.3ft).

PROHANGER 48KG | 04934



GARDEN HIGHPRO PROHANGER XL

XL carabiner
Strong and ultra-resistant pulleys.
XL carabiners that fit to the structure.
Fixing pulleys of up to 68kg capacity.
1.5m rope length (4.3ft).

PROHANGER XL | 03119



GARDEN HIGHPRO PROCUFFS

rope ratchet complement
Fit all types of tubes up to 5cm in diameter.
Ultra-strong hanging capacity of up to 84kg/pair.
Ideal for securing heavy reflectors and carbon filters.

PROCUFFS | 05215



YO-YO'S

Yo-Yo's are hung above your plants to support their stems. As the plants grow, the Yo-Yo's retract without damaging the stems or branches.
Ideal for fruiting plants such as tomatoes and other vine crops with heavy trusses.

YO-YO (BOX OF 10) | 38286



EASY ROLLERS

Easy-Rollers are light/reflector hangers. A useful mechanism that allows you to easily adjust the height of your lights as your plants grow.

EASY ROLLERS | 02990



JACK CHAIN 10M

A strong but lightweight chain ideal for hanging reflectors, filters and ducting. Supplied in a display box containing a 10m length of chain.

JACK CHAIN 10M | 02751



GARDEN TWISTY TIES

Strong, flexible plant ties coated in soft PVC to help aid plant growth. Suitable for garden and household use. Available in 4.8m or 8m lengths.

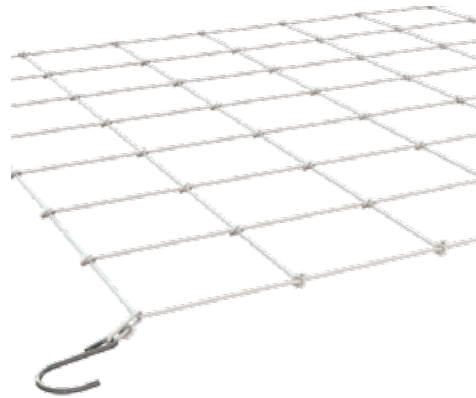
TWISTY TIES 2.5X8mm | 37076 | 4.8X5mm | 37077 | 4.8mm | 37254



**GARDEN HIGHPRO
PRONET**

Provides horizontal support for plants. Ensures strong, evenly distributed limbs, easy air circulation and, most importantly, a level canopy for even light distribution.

| | |
|-----------------------|-------|
| 60 x 60 - 12 x 120cm | 04571 |
| 60 x 60 - 150 x 150CM | 05403 |



**SECRET JARDIN
WEBIT**

The WebIT supports your plants in the centre of your tent without sagging. There is a hook and an elastic in each corner for easy installation.

| | | | | | |
|-----------|-------|-----|-------|------|-------|
| WEBIT 120 | 05668 | 150 | 05669 | 240W | 05670 |
| 300W | 05671 | | | | |



SCROG LINE PRO

The Scrog Line Pro is an innovative single-pot scrog system.

Each Scrog Line Pro contains a frame system and elasticated scrog net.

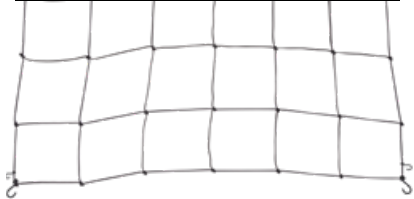
The Scrog Line Pro is intended for use with a single pot and a single plant.

| | | | |
|-----------------|-------|------|-------|
| SCROG LINE 1.0M | 04442 | 1.2M | 04441 |
|-----------------|-------|------|-------|



DRYING NETS & RACKS

Drying nets are a solution to the problem of how to quickly dry large quantities of herbs, flowers and other plant materials in a confined space.



**GORILLA
GORILLA NET (240 X 120CM)**

Provides horizontal support for plants. Ensures strong, evenly distributed limbs, easy air circulation and, most importantly, a level canopy for even light distribution.

| | |
|-----------------|-------|
| GORILLA NET XXL | 37098 |
|-----------------|-------|



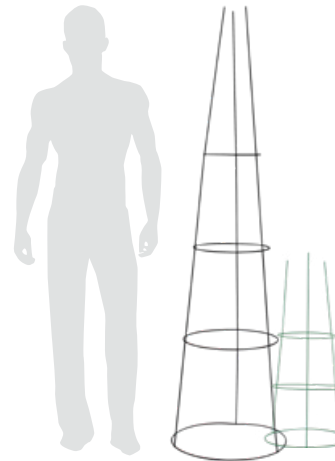
BAMBOO CANES

These pre-packed Bamboo Canes are the enthusiastic gardener's ideal accessory!

Made from strong, durable, long-lasting and flexible bamboo, these canes are available in 25 or 250 pack sizes in lengths between 0.9 & 1.8m lengths.

We also offer a plastic version.

| | | | | | |
|--|--|--|--|--|--|
| CALL OR LOGIN TO THE PORTAL FOR ALL VARIANTS | | | | | |
|--|--|--|--|--|--|



PLANT TRELLIS SUPPORT

Plastic-coated steel. Available in various sizes.

| | | | | | | |
|-------|------|-------|------|-------|------|-------|
| BLACK | 1M | 38167 | 1.2M | 06102 | 1.5M | 36351 |
| GREEN | 80cm | 36247 | 1.2M | 36246 | | |

| | |
|---------------------------------|-------|
| GARDEN HIGHPRO PRODRY V1 | |
| 55cm 4 REMOVABLE LEVELS | 05343 |
| 75cm 6 REMOVABLE LEVELS | 05344 |
| 95cm 6 REMOVABLE LEVELS | 05345 |
| GARDEN HIGHPRO BASIC | |
| 55cm 8 RACKS | 37842 |
| 90cm 8 RACKS | 37843 |
| GENERIC | |
| JUMBO DRYING NET 8 TIER | 01507 |
| DRYING NET 6 TIER | 03031 |
| CLIP DRYING NET 6 LAYER | 37978 |



PLASTIC WALL FLANGES

Plastic Wall Flanges with pre-drilled holes on the flanges.

6" 05736 8" 05735 10" 05709 12" 05708



JUBILEE CLIPS

Large Jubilee Clips for securing flexible ducting.
Available in sizes up to 355mm in diameter.

M 02711 L 02712 XL 37986 XXL 37049
BLAUBERG 315mm 06101



WIGWAM CANE HOLDER

The Wigwam Cane Grip allows you to build support for plants easily by pushing over the top of canes or bamboo, meaning there is no need for ties or twine.

You can use up to 6 canes with the Wigwam and it takes canes between 5-13mm.

WIGWAM CANE GRIP 38754



WATERING CAN

Modern and stylish.
Complete with detachable sprinkler rose to control water flow. Strong and durable.

WATERING CAN 38667



MEASURING JUGS

Clear moulded plastic measuring beakers with various volume markings embossed on the side.

Standard and graduated jugs available.

CALL OR LOGIN TO THE PORTAL FOR ALL VARIANTS



Funnels

A range of moulded plastic funnels to easily transfer liquids into narrow-necked bottles.

8CM 37114 14cm 38670 18cm 37113



SYRINGES

Individually-packed syringes used to accurately measure nutrient volumes.
Available in 1, 10, 50, 60 and 100ml versions.

CALL OR LOGIN TO THE PORTAL FOR ALL VARIANTS



PIPETTES

Used to accurately measure small amounts of liquids. Available in 3, 5 and 5mm sizes.

3mm 05232 3mm(100) 42331 5mm 02742
10mm(100) 42332



**GARDEN HIGHPRO
PROCUT SCISSORS - STRAIGHT**

The ProCut Scissors are manufactured from 100% inox steel, with extra-sharp blades.

They are spring-loaded and specially designed for comfortable use.

PROCUT STRAIGHT | 05506

**GARDEN HIGHPRO
PROCUT SCISSORS - CURVED**

The ProCut Scissors are manufactured from 100% inox steel, with extra-sharp blades.

They are spring-loaded and specially designed for comfortable use.

PROCUT CURVED | 05505

**GARDEN HIGHPRO
ONE EYE SCISSOR**

100% inox and extra sharp blades. Metallic edge for long lasting use. Specially designed for comfortable use.

PROCUT ONE EYE | 05117

**CHIKAMSA
TS5 Shears**

- 50mm cutting surface
- Blade cut-out to prevent clogging
- Made from high-quality carbon steel
- Non-slip coated handle

Torsion-sprung for longer life

Chikamasa pruning scissors have their roots in Japan, as this style of shears has been established in the country for over 100 years.

Made from top quality high carbon steel, these trimming pruners are manufactured and assembled in-house and go through stringent quality control processes that ensure they are the go-to choice for gardeners everywhere.

TS5 SHEARS | 00120



**STREAMLINE
AUTO-RELOAD SNAP-OFF KNIFE**

Strong metal frame with durable plastic casing and ergonomic, non-slip grip for comfort and control.

The quick-change, auto-reload cartridge allows for fuss-free blade changes, while the standard push-button blade adjustment affords the user great control over the blade length.

AUTO RELOAD SNAP OFF KNIFE | 37074



**STREAMLINE
SNAP-OFF KNIFE (36)**

Simply snap off a dull blade for a sharp cutting edge when required using the blade snapper included in the knife handle for added safety.

SNAP OFF KNIFE | 37075



Scalpels

Each scalpel is individually packed in sterile packaging.

Scalpels are ideal for taking cuttings, as they produce a clean, sterile cut on the plant. This reduces the chance of infection and decreases the rooting time.

Scalpels are sold in boxes of 10.

SCALPEL | 00120



**NEWLITE
EYE PROTECTORS & STRAP**

These Newlite Vision glasses offer protection from the harmful effects of HPS lamps and alter the colours your eyes see to closely match the daylight spectrum.

NEWLITE EYE PROTECTORS & STRAP | 04568



**GREEN HORNET
GREEN LED HEAD LAMP**

The Green Hornet LED Headlamp for plants night cycle ultra powerful head lamp was designed to be used in your garden in it's night cycle so not to disturb your plants.

The Green Hornet Head lamp has three different modes and 20 green LED's which puts out 35 lumens and has a 30-60 hour life span. Water resistant.

GREEN HORNET LED HEAD LAMP | 04521



**GREEN BLITZ
GREEN LED HEAD LAMP**

Need to tend to your plants during lights off but don't want to end up with leaf and flower burn through light intensity? Then the Grow Gadget Green LED Head Torch is the product for you. Your plants are very sensitive to harsh light during photoperiod, but now you can work on them in the dark without disrupting them.

GREEN BLITZ GREEN LED HEAD LAMP | 04671



**GREEN HORNET
LED BULB**

During flowering, it's imperative that light loving fruiting annuals are not disturbed, as they can revert to vegetative growth, slowing your progress.

At the very least, when plants receive light during their night cycle, they go through undue stress, which can lead to aborted flowers and fruits.

GREEN HORNET LED BULB | 04520



**GREEN HORNET
WORK LIGHT**

The Green Hornet Work Light is equipped with a 24" green LED floodlight and a 3" white LED.

The light has a swivel-neck hanging hook, magnetic back and comfort grip coating.

GREEN HORNET LED WORK LIGHT | 04519



Plug-In Dimmer

This plug-in fan controller is a cheap and effective way of controlling your intake or out take fan.

Variable adjustment.

PLUG IN CONTROL | 02952



B22 TO E27 GREEN BULB ADAPTER

Adapter for Green Hornet LED Bulb from screw type to a bayonet fitting.

B22 TO E27 GREEN BULB ADAPTER 5L | 37338



PGZ18 TO E40 LAMP ADAPTER

Lamp holder adapter PGZ18 to E40 for DAYLIGHT 315W CMH systems For 480W/660W/1030W Daylight LED

PGZ18 TO E40 LAMP ADAPTER | 39128



FUSED EURO CONVERTER PLUG

This 5A fused plug converts two-pin Euro plugs to UK BS1363 plugs.

FCP FUSED EUROPEAN CONVERTER PLUG 5A 38343



IEC PLUG MALE/FEMALE

For use with connecting power cables.

IEC PLUG MALE 00805 FEMALE 01905



EXTENSION REEL

This 4-way gang extension lead will extend your UK mains sockets to allow you to move, organise and position electrical devices almost anywhere in your rooms. Available in 25 & 50m length.

EXTENSION REEL 25M 43327 50M 43328



ETI THERMO HYGROMETER PANEL MOUNTED

Displays temperature & humidity
Easy panel-mounting installation
Maximum, minimum temperature & humidity function

Incorporates screw clamp

This panel mounted therma-hygrometer for panel simultaneously displays both humidity over the range of 20 to 99%rh and temperature over the range of 0 to 49.9°C with a resolution of 1%rh and 0.1°C. This thermo hygrometer is ideal for OEMs for installing into equipment, i.e. vivariums, incubators and similar.

The therma-hygrometer is easily installed into a panel via a mounting hole with a minimum Ø33 mm cut-out. The unit incorporates a screw clamp with a maximum panel thickness of 7 mm.

The hygro-thermometer features a max/min memory function for both temperature and humidity. The instrument can be panel mounted via a minimum Ø33mm cutout and is powered by a CR2032 coin cell battery with a life expectancy of 5000 hours continuous use.

THERMO HYGROMETER PANEL MOUNTED 43573



10A 5M PLUG & IEC LEAD

Moulded 13A plug and IEC connector with a various cable lengths.

Available in both black and white.

WHITE 2M 42216 5M 38067

BLACK 1.5M 38169 2M 42216 3M 38720

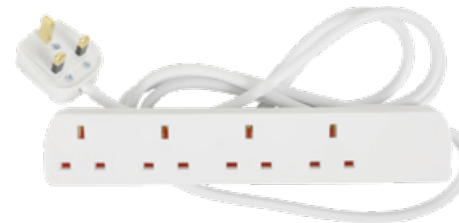


EXTENSION LEAD

Used for extending the distance between the ballast and shade.

IEC to IEC.

EXT LEAD 2M 42213 3M 42187 5M 01939



FOUR-Gang Extension Lead

Add additional sockets where you need them with this mains extension lead fitted with a 13A UK plug.

Compliant with BS1363/A, this lead is also wall-mountable using the keyhole slots in the back of the unit.

FOUR GANG EXT 2M 37896 5M 37896

Nutrients & Additives

AGROTECH

| | |
|---------------------|----|
| C-Result Fertiliser | 54 |
| C-Result | 54 |

BIOBIZZ

| | |
|---------------|-----|
| Acti-Vera | 19 |
| Alg A Mic | 18 |
| Bio Bloom | 16 |
| Bio Grow | 16 |
| Bio Heaven | 17 |
| Calmag | 18 |
| Fish Mix | 17 |
| Leaf Coat | 19 |
| Microbes | 190 |
| Root Juice | 18 |
| Starters Pack | 21 |
| Top Max | 17 |
| Try-Pack | 21 |

BUDDHAS TREE

| | |
|---------------------|----|
| Advanced Meta-Boost | 41 |
| Coco | 39 |
| Organicus 99% | 41 |
| PK 19-18 | 38 |
| Flower Burst | 41 |
| Solar Green Power | 39 |

CANNA

| | |
|-------------------|-------|
| Aqua Flores | 7 |
| Aqua Vega | 7 |
| Bio Boost | 11 |
| Bio Flores | 11 |
| Bio Vega | 11 |
| Bio Rhizotonic | 11 |
| Boost Accelerator | 12 |
| Buffer Agent | 10 |
| CalMag Agent | 13 |
| Cannacure | 13 |
| Cannazym | 12 |
| CANNA Start | 13 |
| CANNA Flush | 13 |
| Coco A/B | 6 |
| COGr Flores A/B | 10 |
| COGr Vega A/B | 10 |
| D-Block | 15 |
| Hydro Flores A/B | 9 |
| Hydro Vega A/B | 9 |
| Mono Nutrients | 14,15 |
| PK 13/14 | 12 |
| Rhizotonic | 12 |
| Terra Vega | 6 |
| Terra Flores | 6 |

| | |
|------------------------|----|
| Starter Kit Terra/Coco | 17 |
|------------------------|----|

DYNAMYCO

| | |
|----------|----|
| Dynomyco | 54 |
|----------|----|

ECOTHRIVE

| | |
|------------|----|
| Neutralise | 50 |
| BIOSYS | 50 |
| Charge | 50 |
| Life-Cycle | 50 |

GEN200

| | |
|---------|----|
| Control | 55 |
|---------|----|

GOLD LABEL

| | |
|--------------------|----|
| 60/40 | 30 |
| Bloom Booster NK | 32 |
| Coco | 31 |
| Flower Enhancer FE | 32 |
| Hydro | 30 |
| Soil | 30 |
| Ultra Enzyme | 33 |
| Ultra MG | 33 |
| Ultra MG RO | 32 |
| Ultra PK | 33 |
| Ultra Roots | 33 |
| Veg Booster N | 32 |

GREEN MAKERS

| | |
|---------|----|
| Bio Bav | 56 |
|---------|----|

GROWCENTIA

| | |
|-----------|----|
| Mammoth P | 55 |
|-----------|----|

GROW GENIUS

| | |
|----------------------|----|
| Mono Silicic | 48 |
| Water-Genius Organic | 48 |
| Whole in One | 48 |

GROTEK

| | |
|---------------|----|
| Monster Grow | 51 |
| Monster Bloom | 51 |
| Cal-Max | 51 |
| Vitamax Plus | 51 |

GROWTH TECHNOLOGY

| | |
|-----------------------|----|
| Nirtrozyme | 52 |
| Formulex | 52 |
| Liquid Silicon | 52 |
| Liquid Oxygen | 52 |
| Chilli & Pepper Focus | 53 |
| Orchid Focus | 53 |
| Organic Tomato Focus | 53 |
| Organic Garden Focus | 53 |

GROW SWITCH

| | |
|---------|----|
| Full On | 54 |
|---------|----|

GUANOKALONG/GK-ORGANICS

| | |
|--------------------|----|
| BatBoost | 35 |
| Black Pellets | 36 |
| Complete Organics | 34 |
| Extract | 35 |
| High Phos Powder | 37 |
| Kalong Grow/Bloom | 34 |
| Lava Worm Powder | 34 |
| Florizon | 35 |
| Liquid Seaweed | 35 |
| Palm Tree Ash | 36 |
| Pellets | 36 |
| Powder | 37 |
| Seaweed Powder | 37 |
| Vegetal Fertilizer | 37 |
| Veg Pearls | 36 |

HYDROPONIC RESEARCH

| | |
|------------------|----|
| DOS | 45 |
| Veg+Bloom | |
| RO/Soft | 43 |
| Dirty | 43 |
| Tap/Hard | 43 |
| Shine | 45 |
| Stax | 45 |
| PHLO | 43 |
| Push | 45 |
| VBX | 42 |

HYLINE

| | |
|-----------|----|
| Hygrozyme | 55 |
|-----------|----|

OPTIC FOLIAR

| | |
|--------------|----|
| Evios | 46 |
| Overgrow | 46 |
| Rev | 47 |
| Starter Pack | 47 |
| Switch | 46 |
| Transport | 47 |
| Watts | 47 |

MOONSHINE

| | |
|---------------|----|
| Moonshine | 56 |
| Home & Garden | 56 |
| Sunshine | 56 |

PLANT DETONATOR

| | |
|-----------------|----|
| Plant Detonator | 55 |
|-----------------|----|

TERRA AQUATICA

| | |
|-------------------|----|
| Bloom Booster | 27 |
| Calcium Magnesium | 26 |
| DryPart | 24 |
| DualPart | 23 |

| | |
|----------------|----|
| DualPart Coco | 23 |
| Final Part | 26 |
| FlashClean | 26 |
| Fulvic | 27 |
| Humic | 28 |
| HyperBloom | 24 |
| NovaMax | 23 |
| Oligo Spectrum | 28 |
| PermaBloom | 26 |
| Pro Organic | 24 |

Pro Boosters

| | |
|--------------|----|
| Pro Bloom | 28 |
| Pro Protect | 28 |
| Pro Roots | 28 |
| Root Booster | 27 |
| Seaweed | 29 |
| Silicate | 27 |
| TrikoLogic | 29 |
| TrikoLogic S | 29 |
| TriPart | 22 |
| Urtimax | 29 |

pH & Conductivity Control

CANNA

| | |
|-------------|----|
| pH- | 75 |
| pH+ | 75 |
| Organo Acid | 75 |

BIOBIZZ

| | |
|---------|----|
| pH Down | 76 |
| pH Up | 76 |

BLUELAB

| | |
|------------------------------|----|
| Combo Meter | 61 |
| Combo Meter Plus | 61 |
| Carry Case | 61 |
| pH pen | 62 |
| Conductivity Pen | 62 |
| Truncheon Nutrient Meter | 62 |
| Guardian Monitor WiFi | 63 |
| Guardian Monitor Connect | 63 |
| Multimedia pH Meter | 64 |
| Pulse Multimedia EC/MC Meter | 64 |
| pH Controller | 65 |
| Pro Controller | 65 |
| PeriPod M3/M4 | 66 |
| pH Probe | 66 |
| Probe Care Kit - pH/EC | 67 |
| Solution Sachet | 67 |

ETI

| | |
|-------------|----|
| pH Pal Plus | 74 |
|-------------|----|

| | | | | | |
|----------------------------------|---------|--|--|--|--|
| GOLD LABEL | | | | | |
| Ultra pH- | 76 | | | | |
| HYDROPONIC RESEARCH | | | | | |
| PHLO | 76 | | | | |
| MILWAUKEE | | | | | |
| pH55 PRO | 68 | | | | |
| MW804 | 69 | | | | |
| EC40 Nutrient Meter | 69 | | | | |
| pH600 | 70 | | | | |
| CD611 | 70 | | | | |
| MI6000 | 70 | | | | |
| MI5166 | 71 | | | | |
| pH51 | 71 | | | | |
| C66 | 71 | | | | |
| MW802 | 72 | | | | |
| MC811 | 72 | | | | |
| TERRA AQUATICA | | | | | |
| pH- | 75 | | | | |
| pH- Powder | 75 | | | | |
| pH+ | 75 | | | | |
| pH Test Kit | 74 | | | | |
| TORUS HYDRO | | | | | |
| Automated pH Regulator | 74 | | | | |
| GROWTH TECHNOLOGY | | | | | |
| pH Up | 77 | | | | |
| pH Down | 77 | | | | |
| Conductivity Standard | 77 | | | | |
| pH Buffer | 77 | | | | |
| Pest Control | | | | | |
| Canna Cannacure | 80 | | | | |
| Desi-Dust | 82 | | | | |
| Ecofective Bug & Mildrew Control | 80 | | | | |
| GreenMakers Bio Green Garlic | 194 | | | | |
| HotBox | 82 | | | | |
| Hyshield | 81 | | | | |
| Insecto Smoke Bomb | 83 | | | | |
| Lava-Lite | | | | | |
| No-Gnats | 82 | | | | |
| No-Slugs | 82 | | | | |
| Moonshine Bio | 81 | | | | |
| Optic Foliar ATAK | 194 | | | | |
| Purolyt | 80 | | | | |
| Plant Chemist Insect Control | 194 | | | | |
| Spray2Grow | | | | | |
| Mildew | 83 | | | | |
| Spidermite | 83 | | | | |
| Thrips | 83 | | | | |
| Growing Media | | | | | |
| CANNA | | | | | |
| Aqua Clay Pebbles | 87 | | | | |
| Bio Terra Plus | 87 | | | | |
| Coco Natural 50L | 86 | | | | |
| Coco Professional Plus | 86 | | | | |
| Coco Slab | 88 | | | | |
| Coco Pebble Mix | 88 | | | | |
| COGr Slab | 88 | | | | |
| Terra Professional | 86 | | | | |
| Terra Professional Plus | 87 | | | | |
| Terra Seed Mix | 88 | | | | |
| BIOBIZZ | | | | | |
| All Mix | 90 | | | | |
| Coco Mix | 90 | | | | |
| Light Mix | 90 | | | | |
| Pre-Mix | 91 | | | | |
| Worm Humus | 91 | | | | |
| ECOTHRIE | | | | | |
| Coco Pro | 96 | | | | |
| Coco Lite | 96 | | | | |
| Eco-Life | 96 | | | | |
| GOLD LABEL | | | | | |
| Coco | 92 | | | | |
| CocoPerlite 70/30 | 93 | | | | |
| Hydro | 93 | | | | |
| Hydro/Coco 60/40 | 94 | | | | |
| Hydro/Coco 80/20 | 94 | | | | |
| Hydrocorn | 93 | | | | |
| Special Mix | 92 | | | | |
| Special Mix Light | 92 | | | | |
| GUANOKALONG | | | | | |
| Complete Mix | 91 | | | | |
| LAVA-LITE | | | | | |
| Cactus-Gro+ | 98 | | | | |
| Composter+ | 98 | | | | |
| Hydro-Gro+ | 99 | | | | |
| Lava-Lite+ | 98 | | | | |
| No-Gnats | 99 | | | | |
| No-Slugs | 99 | | | | |
| Orchid-Gro+ | 98 | | | | |
| Soil-Restore+ | 99 | | | | |
| TERRA AQUATICA | | | | | |
| Coco Fiber Perlite | 94 | | | | |
| UGRO | | | | | |
| Compressed Basic, Rhiza, Organic | 97 | | | | |
| Grow Bags Basic, Organic | 97 | | | | |
| MISCELLANEOUS | | | | | |
| Lava Rock Stones | 95 | | | | |
| Perlite | 95 | | | | |
| Vermiculite | 95 | | | | |
| Propagation | | | | | |
| CANNA | | | | | |
| Canna Start | 116 | | | | |
| AUTOPOT | | | | | |
| Easy2Propagate | 106 | | | | |
| BUDBOX | | | | | |
| BudBox Lite | 103 | | | | |
| EAZY | | | | | |
| Block | 115 | | | | |
| Plug | 115 | | | | |
| Pyramid | 115 | | | | |
| GARDEN HIGHPRO | | | | | |
| Propagator | 102 | | | | |
| LEDMAXPRO | 105 | | | | |
| GARLAND | | | | | |
| Propagators | 108-113 | | | | |
| GORILLABOX | | | | | |
| Clone Tent | 103 | | | | |
| Hortimol T-LED | 104 | | | | |
| GRODAN | | | | | |
| Delta Blocks | 114 | | | | |
| Grow Cubes | 114 | | | | |
| GT Master Slabs | 114 | | | | |
| Hugo Blocks | 114 | | | | |
| MM 40/40 | 114 | | | | |
| SBS | 114 | | | | |
| Vital Slabs | 114 | | | | |
| WA Fine | 114 | | | | |
| GROWTH TECHNOLOGY | | | | | |
| Clonex Mist | 177,193 | | | | |
| Clonex Pro Start | 177 | | | | |
| Formulex | 177 | | | | |
| Root Riot | 115 | | | | |
| Nitrozym | 117 | | | | |
| MAXIBRIGHT | | | | | |
| T5 | 104 | | | | |
| PL2/PL4 | 105 | | | | |
| MaxiLED | 105 | | | | |
| CFL Lamps | 105 | | | | |
| MEGAPOT | | | | | |
| Veg Pot | 106 | | | | |
| SECRET JARDIN | | | | | |
| Cosmorrow | 104 | | | | |
| Dark Propagator | 103 | | | | |
| TNOLED | 104 | | | | |
| T-LED | 105 | | | | |
| TERRA AQUATICA | | | | | |
| Rainforest 72 | 106 | | | | |
| UGRO | | | | | |
| Back Magic | 117 | | | | |
| Coco Plugin Tray | 117 | | | | |
| Plug | 117 | | | | |
| Rhiza 1200 | 116 | | | | |
| MISCELLANEOUS | | | | | |
| Cutting Edge Organics | 116,193 | | | | |
| Grow Room | | | | | |
| BUDBOX | | | | | |
| BudBox Pro/Lite | 120-122 | | | | |
| GORILLABOX | | | | | |
| Gorillabox | 137 | | | | |
| SECRET JARDIN | | | | | |
| Cable Flange Kit | 134 | | | | |
| Dark Room | 127 | | | | |
| Dark Propagator | 130 | | | | |
| Dark Street | 125 | | | | |
| Ducting Flange Kit | 135 | | | | |
| Hydro Shoot | 131,132 | | | | |
| Intense | 128 | | | | |
| Lodge | 129 | | | | |
| Mobile Ducting Kit | 135 | | | | |
| PatchIt | 134 | | | | |
| Tent Spare Parts | 133 | | | | |
| Space Booster | 134 | | | | |
| Grow Systems | | | | | |
| MultiFlow | 140 | | | | |
| AUTOPOT | | | | | |
| 1 Pot System | 142 | | | | |
| 1 Pot XL System | 145 | | | | |
| Air Dome | 150 | | | | |
| AQUAplate | 150 | | | | |
| AQUAvalve5 | 150 | | | | |
| AQUAbox Spyder | 148 | | | | |
| Easy2Grow | 143 | | | | |
| Easy2Propagate | 148 | | | | |
| 1 Pot XL Flexi Pot | 145 | | | | |
| Flexi Tank/ Tank Pro | 162 | | | | |
| CocoMat | 150 | | | | |

| | |
|--------------|-----|
| easy2Go | 150 |
| Tray2Grow | 146 |
| Tray Systems | 147 |

TERRA AQUATICA

| | |
|----------------|-----|
| ACS Controller | 152 |
| Cultimate | 152 |
| Ebb & Grow | 153 |
| Growstream | 155 |

GREEN MAN SYSTEM

| | |
|------------------|-----|
| Green Man System | 156 |
|------------------|-----|

MEGAPOT

| | |
|------------------|-----|
| Multi Pot Sytems | 160 |
| Fabric Pots | 161 |

MISCELLANEOUS

| | |
|-----------------------|---------|
| Air Stones | 172 |
| Air Line | 172 |
| Bubblegen | 172 |
| Fabric Pots | 164-166 |
| Manifolds | 171 |
| Pots, Saucers & Trays | 168 |
| Vegepod | 158 |
| Vegebag | 159 |
| Water/Air Pumps | 170,171 |
| Water Butt | 163 |
| Water Chiller | 172 |
| Water Heater | 172 |

Home & Garden

GARLAND

| | |
|--------------------------|---------|
| Trays | 184-186 |
| Propagators | 177-182 |
| 2 Ply Natural Jute Twin | 186 |
| 3 Ply Natural Jute Twin | 186 |
| 5m Hook N' Loop Tie | 186 |
| Flexible Tie Green 3mm | 187 |
| Garden Flat Base Scoop | 188 |
| Garden Wire Coated | 186 |
| Green Kitchen Bin | 188 |
| Grow Light Garden | 189 |
| Hook N' Loop Ties | 187 |
| Micro Grow Light Garden | 189 |
| Polypropylene Twine | 186 |
| pH Soil Test | 188 |
| Plastic Wall Thermometer | 188 |
| Propagator Thermometer | 188 |
| Soil Moisture Meter | 188 |
| Soil pH Meter | 188 |
| Twist Tie Plastic Coated | 187 |
| Twist Ties | 187 |

| | |
|--------------------------|-----|
| Twine Tin With Cutter | 186 |
| Value Watering Can | 188 |
| Waterproof Garden Marker | 187 |
| Widger & Dibber Set | 187 |
| White Solid Tee Labels | 187 |
| White Tee Labels | 187 |

MISCELLANEOUS

| | |
|----------------------------------|-----|
| AutoPot 1 Pot System | 202 |
| AutoPot AQUAbox Spyder | 202 |
| AutoPot Easy2Propagate | 202 |
| AutoPot Tray Systems | 202 |
| Bamboo Canes | 207 |
| BioBizz Fish Mix | 190 |
| BioBizz Microbes | 190 |
| BioBizz Pre-Mix | 196 |
| Bio Bizz Worm Humus | 195 |
| Canna Cannacure | 193 |
| Canna Bio Terra Plus | 195 |
| Canna Terra Seed Mix | 195 |
| CANA Start | 103 |
| Dynomyco | 192 |
| Ecothrive Neutralise | 191 |
| Ecothrive Charge | 190 |
| Fabric Pots | 203 |
| Garden HighPro Hygrometer | 205 |
| Garden HighPro Propagator | 201 |
| Garden HighPro LEDMAXPRO | 201 |
| Garden Twisty Ties | 207 |
| Garden Scoop | 207 |
| GreenMakers Bio Green Garlic | 194 |
| Grow Genius Mono Silicic | 192 |
| Grow Genius Water-Genius Organic | 192 |
| Guanokalong Black Pellets | 191 |
| Guanokalong Complete Organics | 191 |
| Guanokalong Complete Mix | 195 |
| Guanokalong Pellets | 191 |
| Guanokalong Veg Pearls | 192 |
| Ibebot AirComfort | 205 |
| Ibebot Soil Quality | 205 |
| Lava-Lite Cactus-Gro+ | 197 |
| Lava-Lite Composter+ | 98 |
| Lava-Lite Hydro-Gro+ | 197 |
| Lava-Lite Lava-Lite+ | 197 |
| Lava-Lite No-Gnats | 197 |
| Lava-Lite No-Slugs | 197 |
| Lava-Lite Orchid-Gro+ | 197 |
| Lava-Lite Soil-Restore+ | 197 |
| Maxibright MAXILED | 201 |
| Moonshine Home & Garden | 193 |
| Optic Foliar ATAK | 194 |
| Optic Foliar Overgrow | 190 |

| | |
|------------------------------|-----|
| Plant Chemist Insect Control | 194 |
| Plant Labels | 207 |
| Plant Trellis | 207 |
| Purolyt | 80 |
| Secret Jardin Cosmorrow | 201 |
| Vegepod | 198 |
| Vegebag | 199 |
| Water Butt | 206 |
| Water Sprayers | 206 |
| Watering Can | 206 |
| WigWam Cane Grips | 207 |

Lighting

HORTIONE

| | |
|-------------------|-----|
| 368 V2 LED Panel | 224 |
| 5928 V2 LED Panel | 224 |
| Dimmer | 224 |

HORTI COLLECTION

| | |
|--------------------------|---------|
| Horti King Pro1000W/600W | 231 |
| 315W CMH Ballast | 231 |
| Hortimol T-LED | 231 |
| Lamps | 242,243 |

LAMPS

| | |
|-------------|---------|
| Philips | 238,239 |
| Sylvania | 239 |
| Osram | 239,240 |
| Maxibright | 240 |
| Sunmaster | 241,242 |
| HortiKing | 242,243 |
| Sunlux | 243 |
| Super Lumen | 243 |

MAXIBRIGHT

| | |
|----------------------------|---------|
| Daylight Controller | 219 |
| Daylight LED | 217-219 |
| Daylight 315 Ballast | 233 |
| Juno LED | 221 |
| Juno Controller | 221 |
| Varidrive LED | 220 |
| LED Strips | 227 |
| Varidrive Digital Ballast | 232 |
| Warp Drive Digital Ballast | 232 |
| Lotus Magnetic Ballast | 233 |
| Horizon Connect | 236 |
| Horizon Remote | 236 |
| Daylight 315 Reflector | 236 |
| Lamps | 240,241 |
| Timers | 246 |
| Contactar | 247 |

REFLECTORS

| | |
|----------------|---------|
| Garden HighPro | 234,235 |
|----------------|---------|

| | |
|----------------|---------|
| Ecotechnics | 235,236 |
| Garden HighPro | 234,235 |
| Maxibright | 236 |
| SunKing | 237 |
| Highlight | 237 |
| Super Lumen | 237 |
| Barn Reflector | 237 |

SANLIGHT

| | |
|--------------|---------|
| EVO - Series | 211-212 |
| Flex II | 215 |
| Q1W Dim | 214 |

SECRET JARDIN

| | |
|-----------|---------|
| TNOLED | 228 |
| Cosmorrow | 228,229 |

SUNKING

| | |
|------------|-----|
| Elite LED | 155 |
| Reflectors | 237 |
| Elite LED | 155 |

SUNMASTER

| | |
|------------------|---------|
| Magnetic Ballast | 233 |
| Lamps | 241,242 |

SUPER LUMEN

| | |
|-----------------|-----|
| Beam 720W LED | 226 |
| Beam 600W LED | 226 |
| Digital Ballast | 232 |
| Reflector | 237 |
| Lamp | 243 |

MISCELLANEOUS

| | |
|-----------------------|-----|
| Apex Timers | 246 |
| Ecotechnics Contactor | 247 |
| Light Kits | 244 |
| Optimum Timer | 246 |
| The Boss Contactor | 247 |

Air Movement

CAN FAN/FILTER

| | |
|-------------------------------|---------|
| 4A Satellite | 256 |
| Can Lite Carbon Filter | 254 |
| Digital EC LCD Fan Controller | 256 |
| EC Speed Controller | 256 |
| EC Temp/Speed Controller | 256 |
| In-Line carbon Filter | 255 |
| ISO-Max Fan | 250 |
| Max Fan | 250 |
| Max Fan Pro/ Pro EC | 251,252 |
| Pre Filters | 255 |
| Q-Max/EC | 251,252 |
| RK/RKW/RS/RK(L)S Fans | 253 |

| | | | | | |
|--------------------------------------|---------|--|--|--|--|
| Silencers | 255 | | | | |
| CONTROL FREAK | | | | | |
| Dynamic Frequency Controller | 264 | | | | |
| Dual Fan Controller 4.5/6A | 265 | | | | |
| Fusion Controller 4/8A | 265 | | | | |
| Intelligent Controller 5A | 265 | | | | |
| DUCTING/METAL WORK | | | | | |
| Acoustic Ducting | 272 | | | | |
| Backdraft Shutter | 273 | | | | |
| Combi/Aluminium Ducting | 272 | | | | |
| Duct Banding Clips | 273 | | | | |
| Equal T-Piece Metal | 273 | | | | |
| Fast Clamps | 273 | | | | |
| Flexi Duct Connectors Metal | 273 | | | | |
| Jubilee Clips | 273 | | | | |
| KinQuiet Ducting | 272 | | | | |
| Metal 45° Bend | 273 | | | | |
| Metal 90° Bend | 273 | | | | |
| Metal Flange | 273 | | | | |
| Metal Wall Plate / Flange | 273 | | | | |
| Reducer Metal | 273 | | | | |
| Roll of Jubilee | 273 | | | | |
| White Black Combi Ducting | 272 | | | | |
| Y Piece Metal | 273 | | | | |
| Y Piece Duct Splitter | 273 | | | | |
| ECOTECHNICS | | | | | |
| Contactar | 247 | | | | |
| Evolution Digital Fan Controller | 261 | | | | |
| GARDEN HIGHPRO | | | | | |
| Extractor Kit | 267 | | | | |
| Floor Fan | 268 | | | | |
| Profan Axial In-Line Fan | 267 | | | | |
| Profan Clipfan | 267 | | | | |
| Profan TT Extractor | 267 | | | | |
| HIGHLIGHT | | | | | |
| Oscillating Pedestal Fan | 269 | | | | |
| Oscillating Wall Mounted Fan | 269 | | | | |
| Rotating Box Fan | 269 | | | | |
| MISSION CONTROLS | | | | | |
| Basicfan | 262 | | | | |
| Digistep | 263 | | | | |
| Logicfan | 262 | | | | |
| Supersilent | 263 | | | | |
| TwinFan | 263 | | | | |
| SECRET JARDIN | | | | | |
| DF16 Extractor | 259 | | | | |
| DF16 Carbon Filter | 259 | | | | |
| Monkey Fan | 268 | | | | |
| SMS | | | | | |
| MK2 Hybrid Speed Controller | 266 | | | | |
| MK2 Smart Fan Controller 6.5A | 266 | | | | |
| MK2 Twin Fan Controller | 266 | | | | |
| MK2 Twin Fan Controller/Slave | 266 | | | | |
| WOLF | | | | | |
| Wolf Lite | 258 | | | | |
| MISCELLANEOUS | | | | | |
| Airforce Pro Multi Directional Fan | 270 | | | | |
| Gorillabox Box Fan | 260 | | | | |
| Maxibright Maxifan | 270 | | | | |
| Ostrich Fan | 269 | | | | |
| Scorpion Fan | 269 | | | | |
| Windking Oscillating Wall Fan | 270 | | | | |
| Environment | | | | | |
| ECOTECHNICS | | | | | |
| GAS Regulator | 277 | | | | |
| Evolution PPM Controller | 277 | | | | |
| Evolution CO ² Controller | 277 | | | | |
| UNIS CO ² Controller | 277 | | | | |
| GROWMAX WATER | | | | | |
| EcoGrow | 278 | | | | |
| SuperGrow | 278 | | | | |
| ProGrow | 278 | | | | |
| GardenGrow | 278 | | | | |
| MegaGrow | 279 | | | | |
| PowerGrow | 279 | | | | |
| Maxquarium | 279 | | | | |
| Growmax | 279 | | | | |
| HEATER | | | | | |
| Gorilla 2KW Heater | 283 | | | | |
| Growarm 2KW Heater | 283 | | | | |
| Lighthouse 2KW Heater | 283 | | | | |
| Plug-in Wall Heater | 283 | | | | |
| Oil Filled Radiator | 283 | | | | |
| Hylite Tube Heaters | 283 | | | | |
| HUMIDIFIER | | | | | |
| Gorilla Humidifier | 276 | | | | |
| Garden HighPro HumiPro | 276 | | | | |
| HR15/HR50 | 276 | | | | |
| HYGROMETER | | | | | |
| Garden HighPro | | | | | |
| Hygrothermo Medium | 281 | | | | |
| Hygrothermo Premium | 281 | | | | |
| Maxibright Thermo Hygrometer | 281 | | | | |
| IBEBOT | | | | | |
| AirComfort | 280 | | | | |
| SoilQuality | 280 | | | | |
| Hub | 280 | | | | |
| ONA | | | | | |
| Block | 286 | | | | |
| Breeze Fan | 287 | | | | |
| Cyclone Fan | 287 | | | | |
| Gel | 286 | | | | |
| Inline Duct Dispenser | 287 | | | | |
| Liquid | 286 | | | | |
| Mist Aerosol | 287 | | | | |
| Mist Dome | 287 | | | | |
| Mist Dispenser | 287 | | | | |
| Spray | 286 | | | | |
| SYNERGY | | | | | |
| Neutralizer Pro Kit | 285 | | | | |
| Neutralizer Compact Kit | 285 | | | | |
| Neutralizer Road Kit | 285 | | | | |
| MISCELLANEOUS | | | | | |
| Aluminium/X Weave/Duct Tape | 289 | | | | |
| Boost Buddy | 284 | | | | |
| CO ² Boost Complete | 196 | | | | |
| CO ₂ Fusion | 284 | | | | |
| Exhale CO ₂ Bags | 196 | | | | |
| Prodour | 285 | | | | |
| Propagator Thermometer | 281 | | | | |
| Indizono Ozone Generator | 282 | | | | |
| The Enhancer | 196 | | | | |
| Sheeting | 288,289 | | | | |
| Wall Thermometer | 281 | | | | |
| Accessories | | | | | |
| Bamboo Canes | 295 | | | | |
| Coverall | 293 | | | | |
| Dry Nets/Racks | 295 | | | | |
| Easy Rollers | 294 | | | | |
| Euro Plug Converter | 299 | | | | |
| Extension Lead | 299 | | | | |
| Funnel | 296 | | | | |
| Garden Hypro Hangers | 294 | | | | |
| Garden Scoop | 210 | | | | |
| Garden Twisty Ties | 294 | | | | |
| Head Lamp | 298 | | | | |
| Insect Catcher | 293 | | | | |
| Jack Chain | 294 | | | | |
| Jubilee Clips | 296 | | | | |
| Lamp Adapters | 298 | | | | |
| Measuring Jug | 296 | | | | |
| Multi Purpose Garden Wire | 293 | | | | |
| Newlight Sunglasses | 298 | | | | |
| Nutrient Box | 293 | | | | |
| Pipette | 296 | | | | |
| Plant Labels | 293 | | | | |
| Plant Trellis | 295 | | | | |
| Plug in Dimmer | 298 | | | | |
| Scalpel | 297 | | | | |
| Garden HighPro Scissors | 297 | | | | |
| Snap-Off Knife | 297 | | | | |
| Soil Box | 293 | | | | |
| Water Sprayers | 292 | | | | |
| Scrog Nets | 295 | | | | |
| Shears | 297 | | | | |
| Syringe | 296 | | | | |
| Thermo Hygrometer Panel Mount | 299 | | | | |
| Watering Can | 296 | | | | |
| Wigwam Cane Holder | 296 | | | | |
| Work Light | 211 | | | | |
| Yo Yo's | 294 | | | | |

Notes

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