



Plant Growing Systems for Chefs

Model EC40132-WS
Brochure

Introduction



- The Evogro Plant Growing System makes it easy to grow your own perfect microgreens, salad leaves and herbs.
- The system combines internet-connected growing cabinets with our monitoring and support services so you can get great, consistent results with a minimum of time and effort.
- Growing indoors, the cabinet creates optimal conditions for plant growth and works consistently all year round. The plants are in a protected environment and are pesticide and herbicide free.
- You can pick the living plants just when needed so they are absolutely fresh and full of flavour. By harvesting only what you need at each service you can also reduce wastage.
- We offer a complete package with fixed costs including cabinets, services and all consumables required.

EC40132-WS Summary



- Brushed Stainless Steel Exterior & Polished Stainless Steel Interior
- External Dimensions: 2050mm High x 630mm Wide x 510mm Deep
- 6 x Independent Growing Zones (1 x High, 3 x Medium, 2 x Low) enables different plant types and stage of growth in a single cabinet.
- Advanced Horticultural LEDs with specific wavelengths for plant growth. Evogro Active Spectrum Management® technology optimises the lighting mix to suit each crop type and minimise energy consumption.
- Hydroponic irrigation system waters each zone automatically to match crop type and stage of growth. Internal reservoir can be manually re-filled or can be connected to your plumbing with the integrated Auto Top Up and Waste Connection option.
- Cabinet requires internet connection to function. Connect to your network with built-in WiFi and Wired capability. Optional integrated 3G Modem with data plan available.

A Complete Integrated System makes it Easy



The Evogro system has three key technology components: Cabinet, Cloud & App.

The Cabinet creates a controlled environment that enables plants to be grown from seed to harvest. It uses advanced horticultural LED lighting & hydroponics to grow the plants.

Each shelf is an independently configurable zone so multiple plant types, with differing requirements and at different growth stages, can be grown in a single cabinet and you can enjoy a continuous, varied supply of crops

The cabinet includes sensors & cameras and is connected to the internet and exchanges data with our software services in the cloud.

In the Cloud, we analyse the conditions and the crops' progress against our models, and then program the Cabinet automatically without you needing to take any action.

The Evogro App enables you to track your crops' progress, choose new varieties from the crop library and receive notifications & instructions when there are jobs to be done.

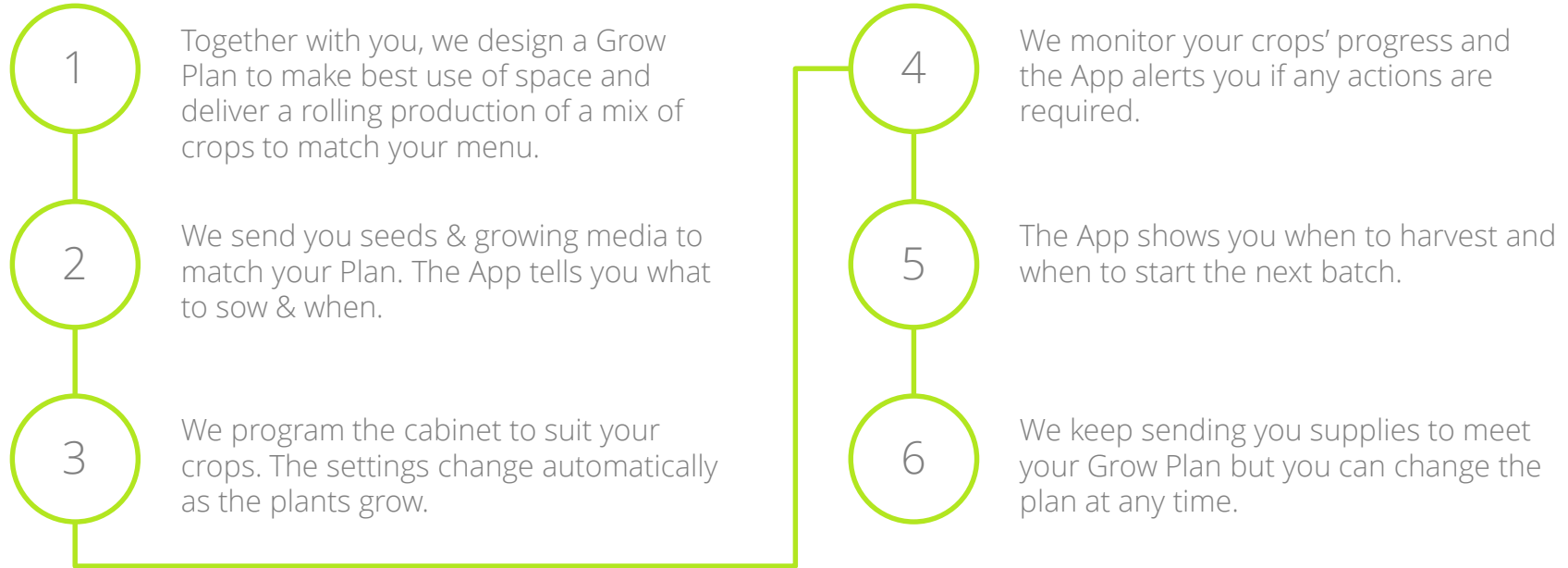
We also supply all consumables required to operate the system including seeds, growing media, containers and plant nutrients. We ship the consumables directly to you by courier and because we are tracking usage and activity in the cabinet we can re-supply you automatically to keep your rolling production plan on track.

Efficient LED Lighting optimized for every crop

- Advanced Horticultural LEDs
 - Specific Wavelengths for plant growth
 - Strong in red & blue spectrum so looks pink
 - Up to 75% energy savings vs fluorescent lights
 - Long lifetime: 5 years of normal use
- Evogro Active Spectrum Management®
 - Different crops have different requirements
 - We control intensity & duration of each wavelength
 - Optimized for each crop & growth stage
 - Each shelf is an independent zone
 - Up to 50% extra energy savings over the crop cycle



Our Software & Services Maximise Productivity & Reliability



Monthly Service Package includes:

- Supply & delivery of bespoke seed selections from our library of more than 100 varieties
- Supply & delivery of matching growing media, nutrients, containers, filters and tools
- Remote Crop Monitoring & Management service
- Crop Planning, Tracking & Notifications App
- Telephone & Email Customer Support
- On Site Parts and Labour Warranty

What can you grow?

We have already developed growing models for more than 100 varieties and are constantly expanding our library.

Amaranth, Red Garnet
Anise Hyssop, White
Basil, Crimson King
Basil, Dark Opal
Basil, Genovese Compact
Basil, Genovese Sweet
Basil, Greek
Basil, Lemon
Basil, Lime
Basil, Red Rubin
Basil, Red Shiraz
Basil, Siam Queen
Basil, Spice
Basil, Thai
Beet, Bulls Blood
Borage, Blue
Broccoli, Green Sprouting
Cabbage, Red
Caraway
Cavolo Nero
Celery Leaf
Chervil, Curled
Chicory, Italiko Rosso
Chives, Fine Leaved

Chives, Garlic
Chives, Medium Leaved
Choy Sum, Gunsho
Coriander, Split
Cress, Bubbles
Cress, Fine Curled
Cress, Greek
Dill, Dukat
Fennel, Green
Iceplant
Jagallo Nero
Kale, Dwarf Blue Curled
Kale, Red Russian
Kale, Scarlet
Kohlrabi, Delicacy Purple
Komatsuna, Rapido
Komatsuna, Red
Leek
Lemon Balm
Lettuce Red Batavia
Lettuce, Catalogna Cerbiatta
Lettuce, Cos Red
Lettuce, Green Batavia
Lettuce, Green Oak Leaf

Lettuce, Little Gem
Lettuce, Mottistone
Lettuce, Red Oak Leaf
Lettuce, Tango
Lovage
Marigold, Mexican
Mibuna
Mint, Egyptian
Mint, Green
Mint, Korean
Mint, Pennyroyal
Mitsuba, Mashimori
Mizuna Red Stem
Mizuna, Green
Mizuna, Red Devil
Mustard Wasabina
Mustard, Green Fire
Mustard, Green Frills
Mustard, Pizzo
Mustard, Red Dragon
Mustard, Red Frills
Mustard, Red Lace
Mustard, Red Lion
Mustard, Thai Green

Mustard, Wasabina
Nasturtium, Alaska
Nasturtium, Blue Pepe
Orach, Scarlet Emperor
Pak Choi, Baraku
Pak Choi, Canton White
Pak Choi, Green Orfeo
Pak Choi, Purple Rain
Pak Choi, Red Lady
Parsley, Italian Giant
Pea, Meteor
Pea, Oregon Sugar Pod
Pea, Serge
Perilla/Shiso, Bi-coloured
Perilla/Shiso, Green
Perilla/Shiso, Green Crinkled
Perilla/Shiso, Red
Purslane, Golden
Purslane, Green
Radish Leaf, Daikon
Radish Leaf, Rambo
Radish Leaf, Rioja
Radish Leaf, Sangria
Rocket Salad, Dentellata

Rocket Salad, Uber
Rocket Salad, Victoria
Rocket Wild, Napoli
Sage, English
Sorrel, Buckler Leaved
Sorrel, Red Veined
Sorrel, Volare
Sorrel, de Belleville
Summer Savory
Sunflower
Swiss Chard, Giallo
Swiss Chard, Red
Swiss Chard, Rosa
Tagetes, Tangerine Gem
Tatsoi
Texsel Greens
Thyme, English Winter
Thyme, French Summer
Tree Spinach Magenta
Watercress
Wheatgrass
Yarrow









Cabinet Technical Requirements

- Cabinets are for indoor use only and can operate within an ambient temperature range of 15°C – 25°C.
- Cabinets should be installed on a solid level floor and secured to wall with tie back to the rear.
- Doors can be hinged left or right side but are not reversible (specify at point of order).
- Allow 20mm clearance to an adjacent wall on hinge side for full door opening.
- Allow 50mm clearance to the rear of the cabinet for ventilation.
- Cabinets are powered from a standard 220-240V/50Hz AC supply and are fitted with a standard UK plug with a 5A fuse.
- Cabinets include a water reservoir and can be refilled manually. Optional Water Feed & Waste Connection kit for automatic refilling and draining (EC40T-WCK).
- Cabinets require an internet connection via customer WiFi or Ethernet (contact Evogro to verify compatibility). 3G Modem option available (ES3G-01M) if connection to customer network is unsuitable.



info@evogro.com
+44 (0) 344 585 2255
www.evogro.com