

secret JARDIN

For Twenty **100**



BRING NATURE HOME WITH SECRET JARDIN

For Twenty 100 is an elegantly designed grow kits that empower you to grow your own vegetables, fruits, herbs, and flowers in the comfort of your home. This user-friendly kit, operating quietly at 24 volts, features the latest technologies for successful home cultivation, combined with lowest consumption.



GARDEN IN YOUR APARTMENT:

Its intensive *full-spectrum lighting* – a combination of powerful summer-like with some spring-like lighting – makes the **For Twenty 100** perfect for growing tall plants, from cutting & seedling up to the harvest of fruits & flowers.



EXAMPLES OF PLANTATIONS:

Potential harvest in kg per year in parentheses:

- Tomatoes (30)
- Pepper (15)
- Bell pepper (18)
- Cucumber (30)
- Eggplant (20)
- Zucchini (32)
- Hemp (1)...

For Twenty **100**

60x40x116cm – 100W LED



FS100



ALL IN ONE

This kit includes all hardware needed to start growing: tent, lighting system, ventilation system, circulation fan, and much more.



INTENSIVE GROWING

Secret Jardin Cosmorrow use PPE2.85 $\mu\text{mol/s/m}^2$ professional LEDs. Their spectrum is optimized to stimulate growth of your plants. Combined with the highest reflective mylar (90%), it offers unbeatable light performances.



NO ODOR, NO LIGHT, NO NOISE

With the 100% lightproof envelope, low noise EC engines, and high efficiency carbon filter (sold in option), this grow kit will become your most discreet companion.



EASY ASSEMBLY & SAFE

All components are easy to assemble by clip system. The electrical components operate on 24 Volts and are splash-proof: no longer be afraid of throwing a bucket of water on your plants!



LOW CONSUMPTION & DURABLE

The materials used combined with high-end components make it possible to combine lowest consumption on the market (45 kWh/month) and exceptional lifespan (50,000 hours).

◆◆◆ **BRING NATURE HOME WITH SECRET JARDIN** ◆◆◆

TECHNICAL SPECIFICATIONS

FOR TWENTY 100

Reference	FS100																								
Designation	For Twenty 100																								
Weight (Net)	8.5 kg																								
Dimensions Assembled (W x D x H)	60 x 40 x 116 cm																								
CONSUMPTION																									
Max	140 W																								
Monthly																									
Light	12 h/d																								
kWh	45 kWh																								
POWER & PLUGS																									
Voltage	200-240 V																								
Frequency	50/60 Hz																								
Plug Type, Country	C/G Type, UE/UK																								
LIGHTING																									
LED Bulbs	5x COP20FS																								
Power	100 W																								
PPE (Bulb)	2.85 µmol/s/W																								
PPE	2.70 µmol/s/W																								
PPFD																									
Grow Area	60x40 cm																								
Lighting Distance	15 cm																								
5x COP20FS	<table border="1"> <tr> <td>945</td><td>1180</td><td>1350</td><td>1350</td><td>1180</td><td>945</td> </tr> <tr> <td>1180</td><td>1755</td><td>2045</td><td>2045</td><td>1755</td><td>1180</td> </tr> <tr> <td>1180</td><td>1755</td><td>2045</td><td>2045</td><td>1755</td><td>1180</td> </tr> <tr> <td>945</td><td>1180</td><td>1350</td><td>1350</td><td>1180</td><td>945</td> </tr> </table>	945	1180	1350	1350	1180	945	1180	1755	2045	2045	1755	1180	1180	1755	2045	2045	1755	1180	945	1180	1350	1350	1180	945
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1180	1755	2045	2045	1755	1180																				
945	1180	1350	1350	1180	945																				
PPF: 270 µmol/s – Average PPFD: 1000 µmol/s/m²																									
Spectrum																									
VENTILATION																									
2 min cycle (filter on)																									
Extractor (included)	150 m³/h																								
Filter (option)	100 m³/h																								
Fan (included)	2x MF120																								
HEAT MAT																									
Included	–																								
Option	1x 20 W																								
OTHER																									
Life Time	50 000 h																								

COMPLETE KIT

- Double Door (Transparent & Mylar/Fabric)
- Light Timer & Dimmer (24 V)
- T° Controlled Extractor (24 V)
- OPTION: Active Carbon Anti Odor Filter
- Patented Cosmorrow LED Light (24 V)
- Low Consumption Circulation Fan (24 V)
- Web Plant Support
- Light Proof Passive Intake
- OPTION: Built-In Thermostat Heat Mat (24 V)
- 90% Reflective 300d Oxford Fabric
- Stainless Steel Poles
- Swimming Pool Fibered Liner (300 gr/m²)



TEMPERATURE CONTROL VS AMBIANT T°

Depending on the ambient temperature:

- 15 to 25°C:** The kit regulates temperature according to target.
- Below 15°:** Heat up incoming air, except for winter plants.
- Over 25°C:** Cool down incoming air, except for tropical plants.

To **boost** your plants, the **Heat Mat** is recommended for:

- **15 to 20°C** for all plants
- **15 to 25°C** for clones and seeds.

It will heat up the soil by 3°C and will automatically turn off at 24°C.



HUMIDITY CONTROL

The “**EXT MIN**” (minimum extraction) function of the extractor will ensure that relative humidity does not exceed a given level:

- **~10%:** increase humidity
Clones, seeds, tropical plants
- **~25%:** moderate effect on humidity
Springtime plants (growing)
- **~50%:** decrease humidity
Summertime plants (flowering)

REFERENCE, CONSUMABLES & OPTIONS

	REFERENCE	DESIGNATION	EAN CODE
	FS100	Summer Kit 60x40x116cm 100 W	5 425030 267943
OPTION	HM20	Heating Mat 55x35cm 20 W	5 425030 267981
OPTION	DF16F100	DF16 Carbon Filter CTC80 0.4 kg 100m³/h	5 425030 268070



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