

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).

◆ ◆ ◆ FROM SEED TO SUCCESS ◆ ◆ ◆

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 $\mu\text{mol/s/W}$																								
PPE	2.70 $\mu\text{mol/s/W}$																								
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
945	1180	1350	1350	1180	945																				
1180	1755	2045	2045	1755	1180																				
1180	1755	2045	2045	1755	1180																				
945	1180	1350	1350	1180	945																				
PPF : 270 $\mu\text{mol/s}$ – Average PPFD : 1000 $\mu\text{mol/s/m}^2$																									
Spectrum																									
VENTILATION																									
2 min cycle (filter on)																									
Extractor (included)	150 m ³ /h																								
Filter (option)	100 m ³ /h																								
Fan (included)	2x MF120																								
HEAT MAT																									
Included	–																								
Option	1x 20 W																								
OTHER																									
Life Time	50 000 h																								

COMPLETE KIT



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 20W	5 425030 267981
OPTION	DF16F100	DF16 Carbon Filter CTC80 0.4 kg 100m ³ /h	5 425030 268070

