



Instruction Manual

U-GREENY VERTICAL GARDENING SYSTEM



Planter Box grey (Art.Nr. 13-06-004-00001)
Planter Box green (Art.Nr. 13-06-004-00002)

Trivet grey (Art.Nr. 13-06-004-00003)
Trivet green (Art.Nr. 13-06-004-00004)

Top Planter grey (Art.Nr. 13-06-004-00005)
Top Planter green (Art.Nr. 13-06-004-00006)

Cold Protection Cover translucent (Art.Nr. 13-06-004-00007)

Manufacturer:
Plast-IQ GmbH
Graben 21
A-4040 Linz
Austria (EU)



Contents

| | |
|--|----|
| 1. General Information | 1 |
| 1.1 Forward | 1 |
| 1.2 Usage | 1 |
| 1.3 Identifiers | 2 |
| 1.4 Using the manual | 2 |
| 1.5 Effects of the weather | 2 |
| 2. Safety Information | 3 |
| 2.1 General Safety Instructions | 3 |
| 2.2 Safety instructions before assembly: | 4 |
| 2.3 Safety instructions after assembly: | 4 |
| 3. Product Overview | 5 |
| A. Planter Box with two flaps | 5 |
| B. Trivet | 5 |
| C. Top Planter | 5 |
| D. Cold Protection Cover | 5 |
| 4. Technical Data | 6 |
| 5. Product description | 7 |
| 5.1 Trivets | 7 |
| 5.2 Planter Box | 8 |
| 5.3 Top Planter | 9 |
| 5.4 Cold Protection Cover | 9 |
| 6. Assembly | 10 |
| 6.1 Opening the predefined water outlets and ventilation vents | 10 |
| 6.2 Select the location | 10 |



| | |
|---------------------------------|----|
| 6.3 Stack options defined | 11 |
| 6.4 Stacking | 12 |
| 6.5 Stability Test | 13 |
| 7. Usage..... | 13 |
| 7.1 Planting | 13 |
| 7.2 Maximum weight load | 13 |
| 7.3 Watering..... | 13 |
| 7.4 Transportation..... | 14 |
| 8. Maintenance | 14 |
| 9. Storage | 15 |
| 10. Dismantling | 15 |
| 11. Defects and repairs..... | 15 |
| 12. Disposal | 15 |
| 13. Lifetime | 15 |



1. General Information

1.1 Forward

Congratulations on your purchase of the U-greeny Vertical Gardening System for small areas. With U-greeny you can grow, cultivate and harvest vegetables, herbs, salads, flowers, berries and other plants in a very space-saving and convenient way (for example on balconies, terraces, private gardens, small areas and on the house wall).

You now have a unique planting system, which meets TÜV standards under the test number and is approved for use.

No modification of the product is allowed except for opening the water outlets or vents as described in chapter 6.1. If other modifications are made, any consequences are not covered by the after sales service or the product warranty.

The assembly instructions, parts and accessories and all the enclosed documents should be kept for the duration of use of the system. Your U-greeny vertical gardening system was made with special care. Should there ever be an issue, please contact your local dealer and provide the proof of purchase.

1.2 Useage

The U-greeny Vertical Gardening System is designed for outdoor as well as indoor use.

The U-greeny Vertical Gardening System and its components are intended for private use only and are not intended for public use.

1.3 Identifiers

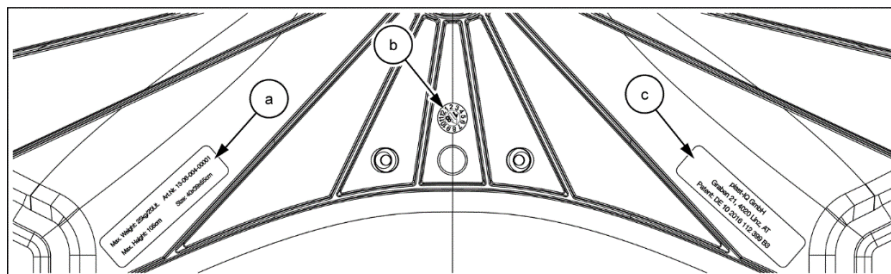


Fig. 1

The bottom of each box shows the following information:

- a) Max. Weight, max. Volume capacity, Article number, max. Stack height, External dimensions, Production date (month, year)
- c) Company name, Address, Patent number

1.4 Using the manual

Please allow sufficient time to thoroughly read the following information on the construction and safety of your U-greeny Vertical Gardening System before setting it up. Illustrations supplement the text in this guide to help you understand the process.

The instructions, parts and accessories and all accompanying documents should be kept for the duration of use of the U-greeny Vertical Gardening System

1.5 Effects of the weather

Natural weather conditions such as sun, UV radiation and moisture have different effects depending on irradiation, altitude, temperature and duration of use. Plastic naturally changes over time. This can lead to drying cracks, the formation of which can be particularly noticeable when exposed directly to the weather conditions and strong moisture fluctuations. The resulting cracks can have an influence on the static properties and on the strength of



the material. Cracking is a natural plastic property and is not a cause for complaint. Depending on the light irradiation, UV radiation and weathering, colour changes of the planter boxes may occur.

Due to the properties of plastic, moisture fluctuations can lead to dimensional changes. This is unavoidable and can not be prevented. At times it may be more moderate and at other times the effect is stronger. This is a natural process and therefore not a complaint.

2. Safety Information



Read and understand all the safety instructions before starting to assemble your U-greeny Vertical Gardening System.

2.1 General Safety Instructions

Only the included U-greeny Vertical Gardening System components and accessories may be used. If you use other components, the statutory warranty expires. The TÜV approval is only valid for proper use with original parts.

For improper use, the manufacturer is not liable. This also applies in particular to the attachment of additional non U-greeny Vertical Gardening System parts, such as nets, poles and other articles of any kind.

Regularly check the entire U-greeny Vertical Gardening System for stability and functional safety. If irreparable problems or damage are found during inspection, the U-greeny Vertical Gardening System must be dismantled immediately.



2.2 Safety instructions before assembly:

- The system may only be set up by people over the age of 18 years.
- Make sure that there are no children in the immediate vicinity during construction.
- Do not deviate from the assembly instructions. If installed incorrectly, the manufacturer is not liable for any damage.
- Never climb on the U-greeny Vertical Gardening System parts and accessories.
- Do not change the design or the execution of the product.
- Position the U-greeny Vertical Gardening System so that it is at least 1m (39.37 in) away from other structures, or place it directly against the house wall on the ground.
- Install the system on a paved, level and non-slip surface without gradients.
- Make sure that the stacked components do not overhang the railing of your balcony, patio and roof garden at any time.
- Protect the U-greeny Vertical Gardening System from wind or gusts of wind.

2.3 Safety instructions after assembly:

- Always pay particular attention to the safety of children who are near the U-greeny Vertical Gardening System, never climb up the U-greeny Vertical Gardening System or tilt the planters.
- Avoid loose clothing, with long cords, or laces, which can lead to overturning of the assembled plant boxes when accidentally caught.
- When planting, pay attention to the dangers of tall plants.
- Make sure that at temperatures below 0 ° C (32 ° F), no water is contained in the U-Greeny components.
- Ensure that the U-greeny Vertical Gardening System is relocated indoors at temperatures below -20 ° C (-4 ° F).
- In case of snowfall, make sure that the snow load does not damage your cold protection cover.
- In case of strong winds, remove the cold protection cover to avoid injury or damage.

3. Product Overview

The U-greeny Vertical Gardening System may consist of one, several or all of the components listed below.

A. Planter Box with two flaps

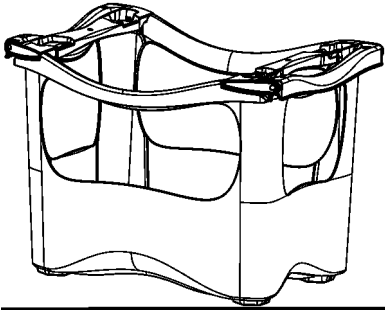


Fig. 2

Grey Art.Nr. 13-06-004-00001
Green Art.Nr. 13-06-004-00002

B. Trivet

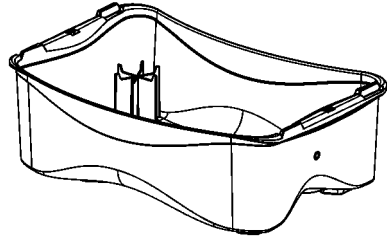


Fig. 3

Grey Art.Nr. 13-06-004-00003
Green Art.Nr. 13-06-004-00004

C. Top Planter

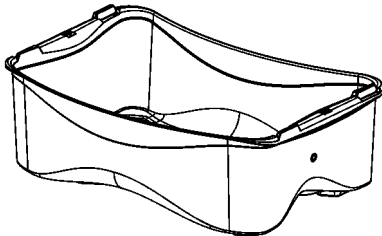


Fig. 4

Grey Art.Nr. 13-06-004-00005
Green Art.Nr. 13-06-004-00006

D. Cold Protection Cover

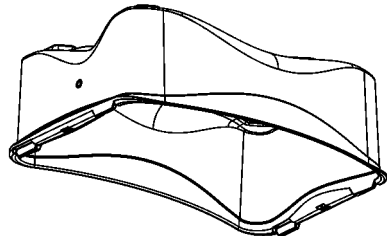


Fig. 5

Translucent Art.Nr. 13-06-004-00007



4. Technical Data

| System component | Net weight | Length | Width | Height | Capacity volume |
|---------------------------------|----------------------|----------------------|----------------------|----------------------|------------------------|
| A. Planter box | 2013 g (71.01 oz) | 546 mm (21.50 in) | 393 mm (15.47 in) | 397 mm (15.63 in) | ca. 19 l 5.02 gal |
| B. Trivet | 1268 g (44.73 oz) | 528 mm (20.79 in) | 363 mm (14.29 in) | 179 mm (7.05 in) | ca. 20 l 5.28 gal |
| C. Top Planter | 1068 g (37.67 oz) | 528 mm (20.79 in) | 363 mm (14.29 in) | 179 mm (7.05 in) | ca. 20 l 5.28 gal |
| D. Cold Protection Cover | 1068 g (37.67 oz) | 528 mm (20.79 in) | 363 mm (14.29 in) | 179 mm (7.05 in) | ca. 20 l 5.28 gal |

All components made from „High Density Polyethylen“ (HDPE).

Produced in the EU.

5. Product description

All components are made of durable and UV-stable HDPE material, a recyclable plastic with test certificate.

The planters are only to be used from $-20\text{ }^{\circ}\text{C}$ ($-4\text{ }^{\circ}\text{F}$) to $+50\text{ }^{\circ}\text{C}$ ($122\text{ }^{\circ}\text{F}$).

Note: Make sure that ice never forms in the planters.

5.1 Trivets

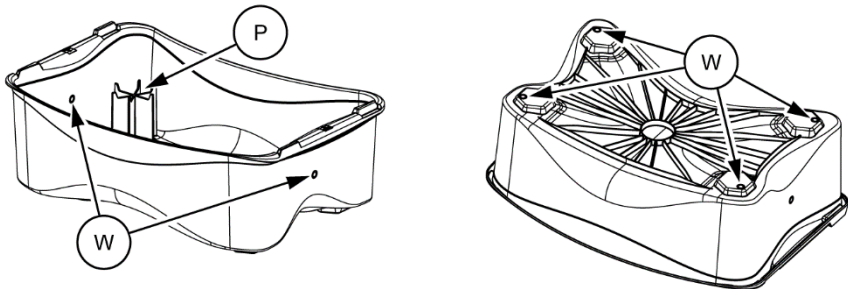


Fig.6

On the inside of the Trivet in each corner are hexagonal shaped receiving domes (P). The plant box must be precisely positioned and snapped onto these receiving domes. In the middle of each side and at the bottom are predefined openings (W). Depending on the intended use, they can be opened, see chapter 6.1.

Note: The Trivet and Top Planer differ only in the four support domes (P) of the Trivet.

5.2 Planter Box

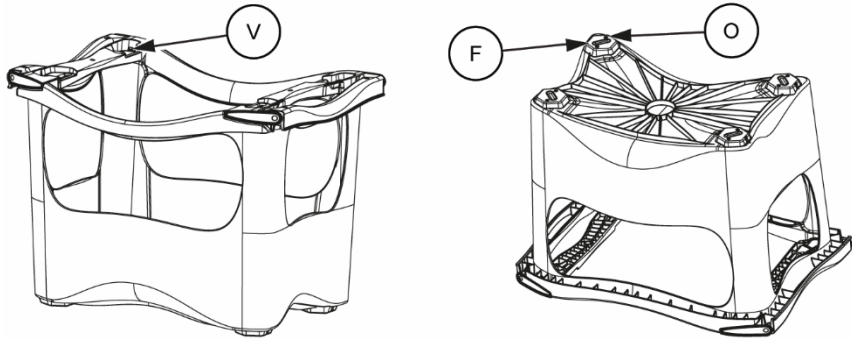


Fig. 7

On the bottom of each planter box in each corner are hexagonal shaped feet (F), which fit exactly into the hexagonal receiving domes (P) of the Trivet. These hexagonally shaped feet also fit precisely into the receptacles (V) of the flaps on top of a second planter box. These flaps can be folded outwards for space-saving storage. In each corner at the bottom of the planter box are also two bottom holes (O), which ensure controlled flow of water to the Trivet.

5.3 Top Planter

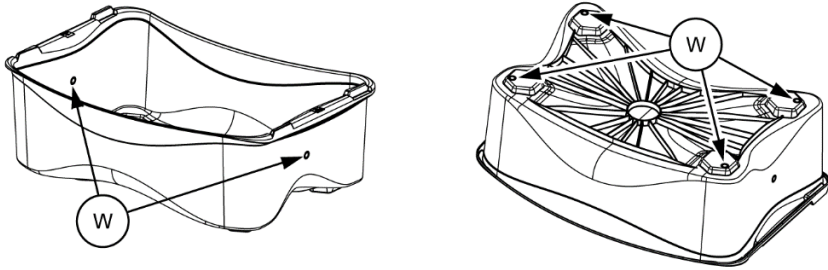


Fig. 8

The Top Planter is always the last and highest structural element under the cold protection hood. In the middle of each side and at the bottom are predefined openings (W). Depending on their intended use, they can be opened, see chapter 6.1. The top planter, also with four hexagonal feet, must be connected to the respective latching points on the Trivet or on the flaps of the planter box.

Note: The Trivet and top planter differ only in the four receiving domes (P) of the Trivet.

5.4 Cold Protection Cover

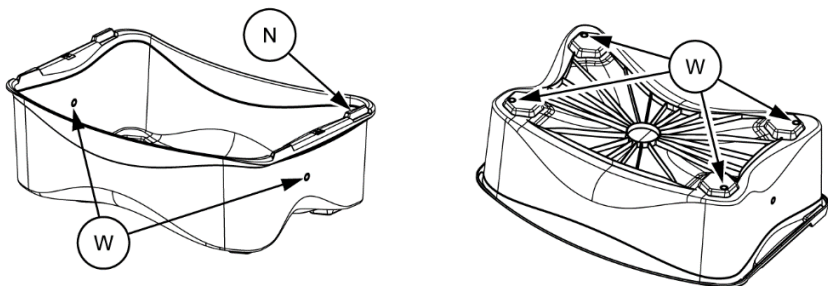


Fig. 9

The Cold Protection Cover is placed on the four side snap-in lugs (N) on top of the Top Planter and provides protection against cold for the plants in the Top Planter. For adequate ventilation, the predefined openings (W) must be opened, see chapter 6.1.



6. Assembly

No additional tools or materials are needed for assembly.

You can find a video showing the assembly process at: www.ugreeny.at.

Note: The lifting and carrying of empty or filled plant boxes may only be carried out using the handles provided, see also chapter 7.4.

6.1 Opening the predefined water outlets and ventilation vents

WARNING

Avoid injuries!

Use protective gloves.

Make sure that the area is free of observers.

Failure to do so may result in minor or moderate injury.

The predefined openings in the Trivet, the top planter and the cold protection cover can be opened with a pointed object.

6.2 Select the location

Choose a suitable location for your type of planting. Define a suitable stack option. This must correspond to the given space.

6.3 Stack options defined

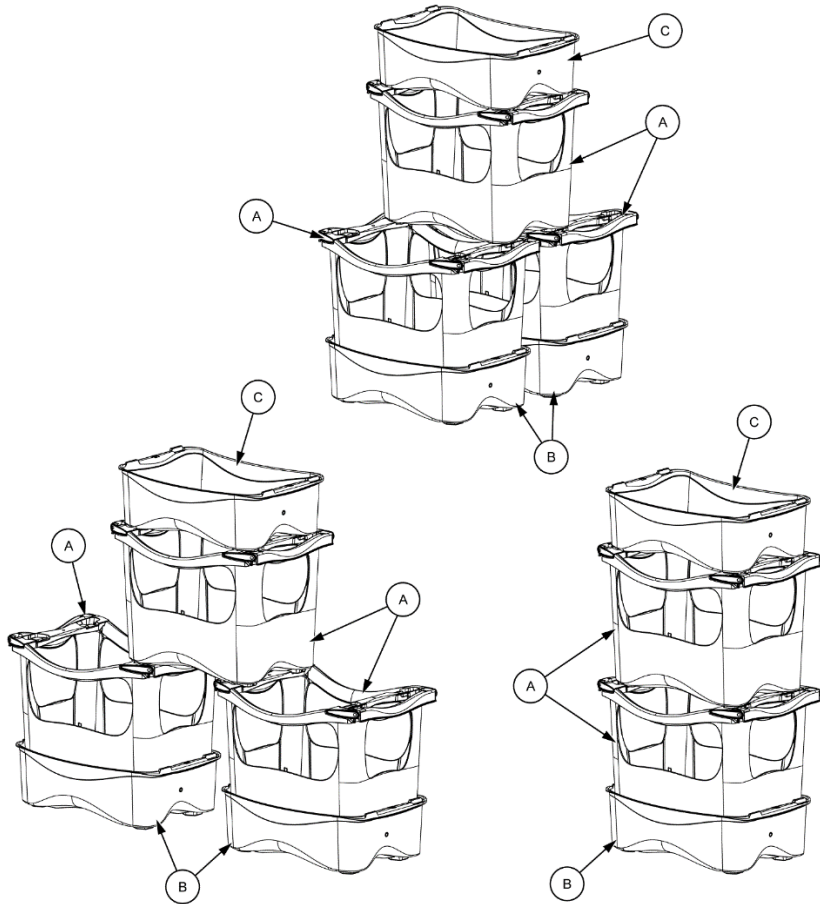


Fig. 10

With the U-greeny Vertical Gardening System, a maximum of two planter boxes (A) and one top planter (C) are stacked on top of each other in the Trivets (B). It is always necessary to start from below with the Trivet (B) or a planter box (A), followed by another planter box (A) or top planter (C). The stack variants are generally freely selectable and flexible to stack. However, a variant shown in Figure 10 is recommended.

6.4 Stacking

Before stacking it is recommended to individually plant each planter box and the top planter, before then stacking the already planted boxes.

WARNING

Avoid injuries!

Filled plant boxes are heavy.

Make sure the planter boxes are stacked properly.

Failure to do so may result in minor or moderate injury.

WARNING

Avoid injuries!

The cold protection cover only fastened with snap-in lugs.

Make sure that the protective cover is removed when it becomes windy.

Failure to do so may result in minor or moderate injury.

Note: The maximum height of this system (including the cold protection cover) is 1120 mm (44.09 in).

1. Place the Trivet on a level, solid surface. The maximum inclination may not exceed 5 °.
2. On the inside of the Trivet in each corner are hexagonal shaped receiving domes. The planter box must be precisely positioned and snapped onto the receiving domes.
3. On the underside of each planter box in each corner are hexagonal shaped feet which must be accurately positioned and locked in the hexagonal shots of the flaps on the top of the planter box underneath. Make sure that all four feet are in the designated positions. It must be ensured that the Planter box is straight standing.
4. The Top Planter, also with four hexagonal feet, may only be positioned at the respective latching points on the Trivet or on the flaps of the planter box. The Top Planter is always the last and highest structural element under the cold protection cover.
5. The cold protection hood is placed on the four snap-in lugs on the top of the Top Planter and locked.



6.5 Stability Test

Test that the stack variant you have chosen is safe after assembly and all feet are inserted and locked into the slots provided. The U-greeny Vertical Gardening System can only be put into operation once its stacking variant has been completely assembled and all parts have been checked for stability and safety.

7. Useage

7.1 Planting

It is recommended to do the planting before stacking or assembling. Planting recommendations can be found at: www.ugreeny.at.

7.2 Maximum weight load

A planter box or a top planter may each be loaded with a maximum of 25 kg (55.12 lb) of weight. At most one planter box and a top planter with a total weight of 55 kg (121.25 lb) may be stacked together on a planter box.

7.3 Watering

When watering the plants in the individual planter boxes and the top planter, it should be noted that all plants receive the right amount of water according to the plant species. Ideally, the entire surface of the earth is watered per box. The excess water flows down through the holes in the bottom of the boxes and in the flaps and is collected in the Trivet.

The Trivet must be emptied regularly to prevent overflow. If the planters are used without a Trivet, the excess water will leak out through the holes in the bottom of the bottom planter.

7.4 Transportation

Note: The individual boxes can also be re-stacked or transported with a max. 25 kg (55.12 lb) load.

WARNING

Avoid injuries!

Filled planter boxes are heavy.

Make sure the planter box is carried properly.

Failure to do so may result in minor or moderate injury.

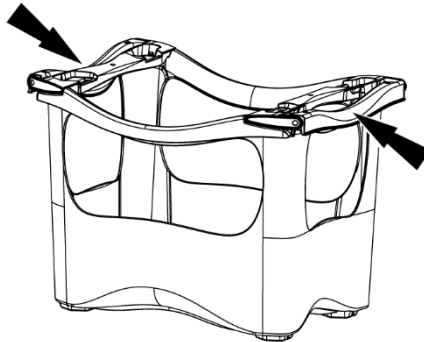


Fig. 11

The planter boxes must be carried with the designated handles.

8. Maintenance

Clean the planters annually with a soft cloth and water before and after use. No dishwashing liquid should be used, and no other caustic or other cleaning agents should be used as they can attack, modify and destroy the surface. In addition, these reduce the life of the U-greeny components.

9. Storage

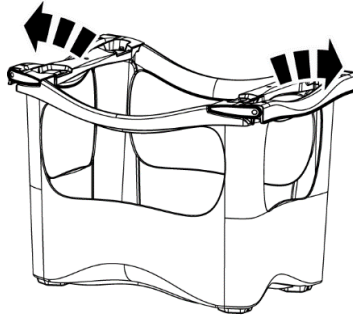


Fig. 12

After cleaning and drying, the flaps of each planter box are folded outwards. The planter boxes and the other U-greeny system components can be simply sunk into each other, which allows for a space-saving indoor storage solution.

10. Dismantling

Dismantling individual components is not provided for.

11. Defects and repairs

In these situations, please contact your dealer.

12. Disposal

The U-greeny system components must be disposed of properly in accordance with the applicable laws in each country. Your dealer will inform you about disposal options in your country.

13. Lifetime

This is based on the statutory warranty.
Warranty: see manufacturer's information