

# HydroEco Group

## *The Green Irrigation*

### HydroEco Garden System Installation manual



A novel technology was developed for garden & landscaping crops. In the new technology fertigated water is automatically supplied to the bottom of the container. No electrical devices are used nor sensors or computers. The substrate has capillarity features which raise the water and the nutrient. The salts which are dissolved in the water are accumulated in the upper level without making damage to the plants.

HydroEco Garden System was specially design for garden crops growth in non drain containers. The system suits: hand made pottery, pot plants, garden containers etc'.

#### System advantage

- No drain & no water surplus.
- Internal water reservoir enables water irrigation once a week or less.
- The feeding control system enables irrigation according to the plant needs.
- Healthy growth.
- The system feet indoor and outdoor plants.
- Convenient to use.
- Reduce foliage pets.

#### System requirement

- The growing container must be a non drain container without holes.
- The growing container button must be flat with no sockets or knobs.
- When using round growing container, the height must be not less than 25 cm and the diameter not less than 40 cm.
- When using square growing container, the height must be not less than 25 cm and the width not less than 25 cm

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## The Green Irrigation

### Installation Manual

1. The pot plant/growing container should be leveled.
2. Take the feeding unit and put it in the middle of the pot plant
3. Pour HydroEco growing media into the growing container. With your two hands tighten gently, compress and refill the substrate till it will reach 5 cm from the upper edge. (the total amount of the filling substrate should be 1,5 x pot plant volume)
4. Take the plant you have bough and replant it in the growing container.
5. Take the perlite bag (white materials) and pour it into the growing container to a level of 3 cm.
6. Take the bottle, fill it with tap water and insert it (face down) to the feeding unit.
7. Close the feeding unit with the black cover.
8. You have finished the installation and planting.
9. Remember to check from time to time the water reservoir (bottle) and to refill it with fresh water. The water reservoir is design for an interval of six days between refilling it; however in the first week it is possible that you may fill it sooner.



### General Instructions

For outdoor planting only: drill two holes 6-8 mm diameter each on the growing container wall, one five cm from the upper edge and the second 5 cm from the button.

It is recommended to use plants that were grown on soilless based on peat moss or coir. In the case that the plant was grown on soil it is recommended gently to wash the soil from the roots and to cut the root edge.

Never irrigate the plant from the above. The only way to irrigate the plant is from the button.

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