

PLANT!T® titan

Product Specifications

PLANT!T® titan™ FLOOD & DRAIN HYDROPONIC SYSTEM



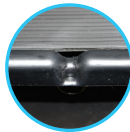
Table design for rapid draining



Tank design for strength and performance



Cable management points



Integrated level indicators



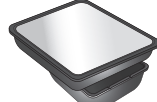
- Low level design to maximise headroom
- Cable management points ensure that all wires fit neatly, so no tangled cables
- Tanks and tables designed to fit neatly together, so no problems with light or algae
- Tank base designed for strength and efficient emptying with bottom drawing pumps
- Table designed for rapid draining
- High quality pump
- Flexible, multi-plant system - you decide plant numbers
- Choice of planting method - media in pots or fill table with loose media
- Table and tank are tough and will not buckle with weight of plants and nutrient
- Table cover is a white on black material to reflect light above and exclude light below
- Available in 4 different sizes



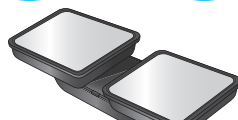
titan - S



titan - M



titan - L



titan - XL

Product description

The PLANT!T® titan is a range of table-based Flood & Drain hydroponic systems, also known as Ebb & Flow or Ebb & Flood. These are popular growing systems for the more experienced grower and use media and nutrient/water solution. The PLANT!T® titan is available in 4 different sizes - titan - S, titan - M, titan - L and titan - XL.

The main principle of Flood & Drain is to bring fresh water and nutrients to the root zone. The plants sit on the growing table, which sits on top of the tank. During the flood cycle, nutrients are pumped from the tank to the table, which brings fresh nutrient solution to the plant's roots. During the drain cycle, the nutrients are released back into the tank, drawing fresh air to the roots. A timer can be used to control the number of times a flood cycle is performed.

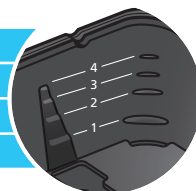
The media is either spread loose on the table or put into separate free-draining pots, such as net pots, that are placed on a table. The PLANT!T® titan can be used with any growing media, clay, coco, stonewool or soil; however, a free-draining media like PLANT!T® Clay Pebbles can be flooded more frequently than a retentive media like stonewool.

All PLANT!T® titan systems are supplied with innovative, multi-layer table covers, which are white on top and black underneath. These are lightproof, whilst still giving great reflection, which reflect light above and exclude light below. The PLANT!T® plastic covers are stronger than typical corrugated plastic, but still easy to cut for plant spacing.

Technical specification

Tank & Table Volumes

	Level 1	Level 2	Level 3	Level 4	Max. Working Volume	Brim Full
titan - S tank	10L	20L	30L	40L	50L	65L
titan - M tank	20L	40L	60L	80L	100L	110L
titan - L tank	20L	40L	60L	80L	100L	110L
titan - XL tank	40L	80L	120L	160L	200L	225L



Footprints

titan - S tank	W 660mm / D 770mm / H 375mm
titan - M tank	W 1060mm / D 735mm / H 370mm
titan - L tank	W 1075mm / D 1195mm / H 410mm
titan - XL tank	W 2390mm / D 1075mm / H 410mm

	Total Volume	Media Volume*	Maximum Load**
titan - S table	40L	30L-35L	40kg/25kg
titan - M table	57L	45L-50L	45kg/30kg
titan - L table	135L	110L-125L	100kg/40kg
titan - XL table (each)	135L	110L-125L	100kg/40kg

All figures are approximate

*Recommended for planting directly into the tray **Total spread load/single point load

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