

GardenJoyTM

effortless gardening

VERTICAL PLANTER – INSTALLATION INSTRUCTIONS

Thank you for buying the GARDENJOY VERTICAL PLANTER SYSTEM, we trust that this will beautify your garden and give you many years of joy.

PLANNING

- We recommend that you plan your project well before starting as this will:
 - Result in a well-executed project giving many years of pleasure.
 - Save you many frustrations and rework.

Please read these instructions thoroughly and study the schematic layouts before you start out.

REQUIREMENTS

You will require the following parts and tools to complete the project:

- **PLANTERS**
 - You will require 14 x 3 pot planters units OR 21 x 2 pot planters units per square meter of wall you want to cover.
- **BACKING STRIPS**
 - We recommend that you use the GARDENJOY Backing Strips as supplied by us.
 - This recommendation stems from the fact that you need to fasten the planters at each fixing point (at each pot) and this is labour intensive and expensive if you do this direct into the wall.
 - Alternatively use strips of 40mm x 20mm (or the nearest equivalent). We recommend that they be CCA treated to extend the life span and prevent rot.
 - You will require approximately 3 linear meters of wooden strip per square meter of wall to be covered.
 - You need to fix the planters to the wall every 3rd row, it is recommended that you fix every second row if the plants you plan on planting are bigger / heavier.
- **FASTENERS**
 - Backing Strips to the wall:
 - These are supplied with the GARDENJOY Backing Strips
 - If you use your own backing strips we recommend a good quality Nail-in Anchor size 8 x 80
 - You will require approximately 12 fasteners per square meter.
 - Planters to Backing Strips – TEK 4.2 x 16 Screws
 - You will require 42 fasteners per square meter.
- **TOOLS**
 - Hammer Drill.
 - Power screw driver with suitable tips
 - Extension cord
 - Tape measure
 - 8mm Masonry drill bit or bit to suit your choice of fastener.

- Hammer
- Spirit level
- Wood saw
- Marking pencil

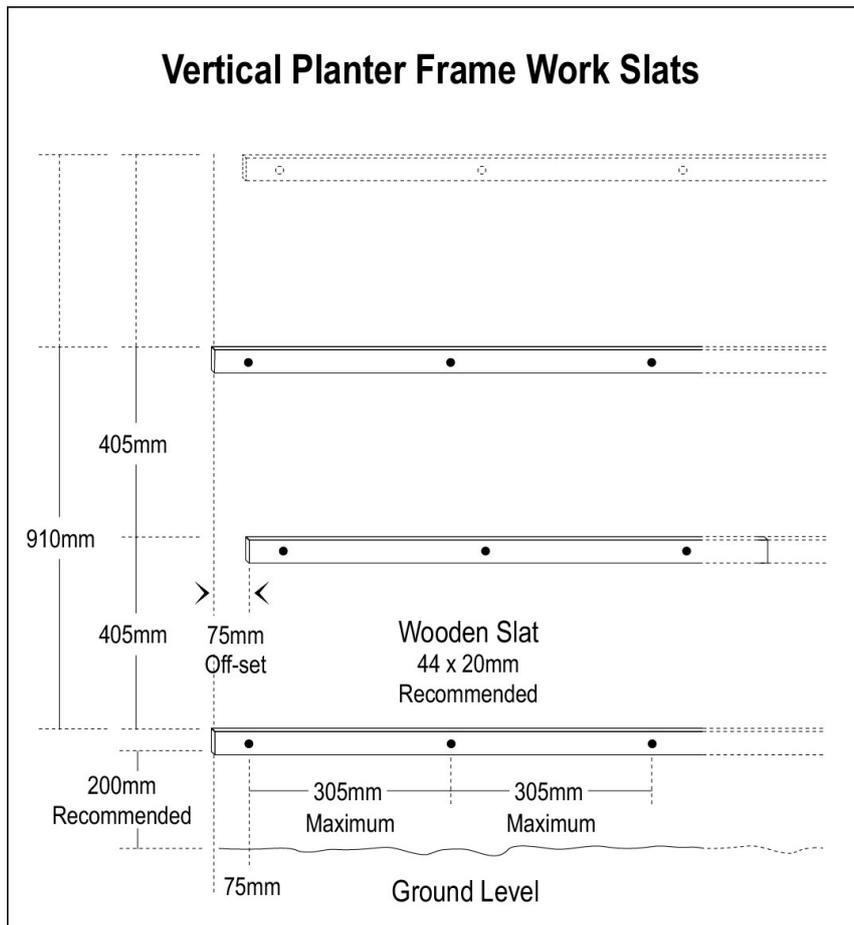
INSTALLATION

- **FRAME WORK**

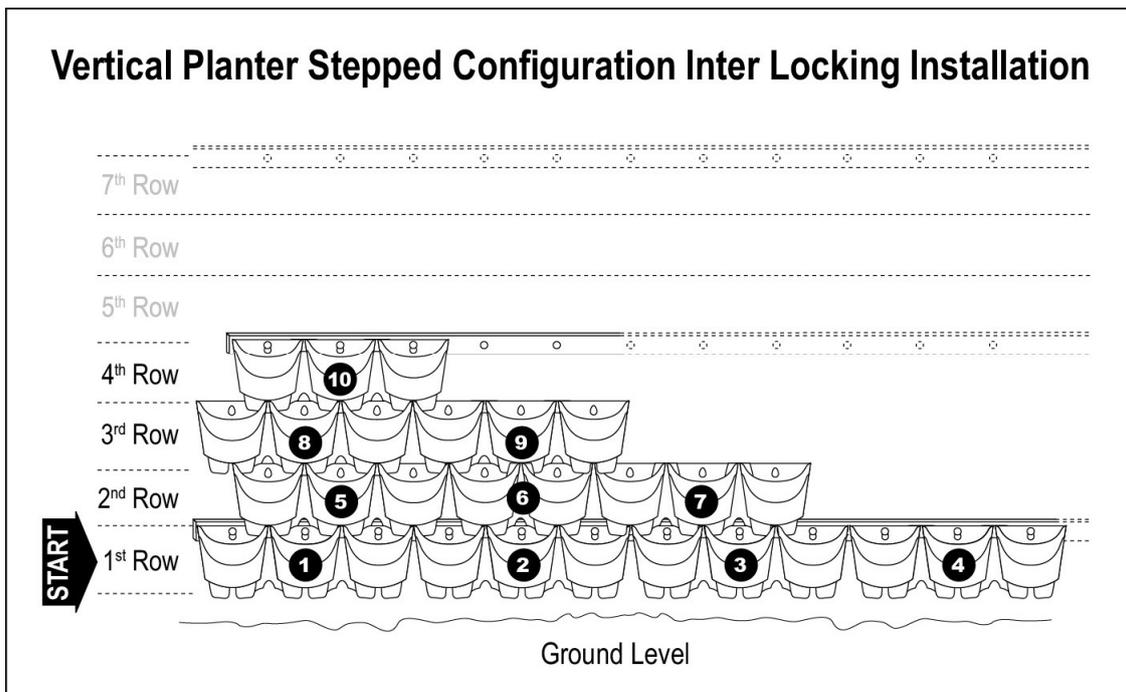
You will need to construct a frame work of Backing Strips to the wall to which you can fix the Planters.

Please keep the following in mind:

- You have to plan from the top down BUT construct from the bottom upwards.
- It is NOT recommended to fix the top Backing Strip to the top of your wall as the top rows are usually not secure and could result in the bricks dislodging and the frame work collapsing.
- The bottom strip can be fixed as low as 160mm, we recommend 200mm, but keep in mind:
 - To allow for additional space if you need to clean underneath.
 - To allow for a drainage channel and slope if excess water cannot drain naturally.
- The spacing of the Backing Strips must be 405mm apart for fixing every 3rd row (top / top)
- Fix the Backing Strips to the wall 75mm from each end and then equally spaced but not further than 305mm apart and level.
- Measure out the next level and make sure that it is parallel to the first one. Every second row of Backing Strips need to be off-set by 75mm on both sides if you don't want it to protrude.
- Repeat the above till all levels are fixed.



- **PLANTERS**
 - Fix the first planter set level the top edge of the bottom wooden slat, using all the fixing holes.
 - Keep in mind that the next level will be off-set by half a pot length and the next level will be in line again.
 - Complete the bottom row for at least 4 Planter sets using all the fixing holes.
 - NB! IT IS RECOMMENDED THAT THE NEXT STEPS ARE PERFORMED IN A STEPPED MANNER TO AVOID BALANCING ALL THE ROWS UNTILL THE TOP ROW CAN BE FIXED.
 - Place the 2nd row of planters (3 PLANTERS) on top of the fixed row, ensuring that they interlock properly.
 - Place the 3rd row of planters (2 PLANTERS) on top of the 2nd row ensuring that they interlock properly.
 - Place the 4TH row of planters (1 PLANTERS) on top of the 3rd row ensuring that they interlock properly.
 - Fix the last planter to the Backing Strip – you should now have a stepped configuration.
 - Continue placing the planters in a stepped configuration until the whole bottom section is completed.
 - Continue the above from the second to the third, third to the fourth, etc. strips until the top strip is reached.



- **LINERS / POTS**
 You can make use of either the liners or individual nursery pot of 120mm in diameter x 110mm in height, both will work.
 The advantage of individual nursery pot is that it facilitates removal in case the plant has died or new plants are required.

Note. In making your selection of plants ensure that their watering requirements are the same as the water delivering is the same to all pots.

WATERING

Watering could be done in various ways.

As the system is interlocking, watering only needs to be done from the top. The water will flow down to the next level, spread, flow down another level and spread until it flows out the bottom.

- OUTDOORS

 Making it part of the existing irrigation system.

 By hand with a hose pipe or watering can from the top.

- INDOORS

 It is recommended to install a closed loop system with a reservoir, drain channel and suitable pump.

 See the attached diagram.

 Please note that this system is not supplied and expert advice needs to be sought from your local Hardware / Nursery. The basic equipment needed would be:

 Suitable pump (pumping height / flow per minute)

 Reservoir with float switch.

 Drain channel.

 Piping and fittings.

 All electrical installations need to be done by a qualified electrician.

