

Place the WILMA tank in position:

Ensure that the surface on which the WILMA is placed is level. If placed on a bench or raised surface ensure that the base of the tank is supported and that the bench can support the weight of the tank when full.

Fit submersible pump: please keep pump instructions.

Your pump is a Maxi-Jet 1000. Ensure all electrical connections are made in accordance with the instructions on the pump cable. Place the pump on the base of the tank in designated area and shake to displace air bubbles and allow water in. Push down-pipe of delivery system into adaptor on pump outlet. The pump should fit comfortably on the base of the tank with the rubber sucker securing it in position. After completing all assembly instructions and filling your tank, start pump to test. Arrow drippers will drip slowly, woodpecker stakes will flow freely. Check all drippers are working correctly.

Add Nutrients According to Label Instructions or Growing Schedule

WILMA system options

Wilma 4	4 x 11 L Atami pot system	Wilma 9	9 x 18 L Atami pot system
Wilma 4 BIG	4 x 18 L Atami pot system	Wilma 10	10 x 6.5 L Atami pot system
Wilma 8	8 x 11 L Atami pot system	Wilma 16	16 x 11 L Atami pot system
Wilma 8 BIG	8 x 18 L Atami pot system	Wilma 20	20 x 6.5 L Atami pot system

The maximum fill level for all systems is when the solution reaches the lowest drain point of the tray.

Guidance for Planting

Only strong, healthy transplants or cuttings should be placed in the WILMA system. Pots or plastic wraps (rockwool blocks) should be removed, but do not wash off any propagation medium. Plant so that chosen medium for growing just covers propagation block, but without burying seed leaves or first true leaf.

Inert open draining medium (clay pebbles, rockwool cubes) should be thoroughly wetted and given time to drain before planting.

Soil-type media (coco, compost) should be damp throughout before planting.

Experience will show the best way to run the WILMA systems, but these are guidelines for beginners.

It is a good idea to use a 15 minute segmental timer to automate the system.

Young Plants

It is better to run the system for a few short periods than one long watering.

Young plants need less watering than mature plants.

Slight under watering is better than over watering.

1 – 2 periods per day will usually be sufficient for most young plants.

Do not over feed when young. New plants will be ok at approximately half dose nutrient strength.

Mature Plants

Observation of the plant is needed to decide on the amount of watering.

NO media should be allowed to dry out completely.

The maximum number of floods is 1 'on' period per hour during daylight hours, though most fully mature plants will not need this many.

Maintenance

There are no daily tasks associated with your WILMA system. Maintain solution strength and pH according to nutrient label instructions or growing schedule. The nutrient solution should be completely changed once a week, or more often depending on relative plant maturity, speed of growth and environmental conditions.

All the drippers should be regularly checked to ensure correct flow rates, and the system should be flushed thoroughly with a weak acid solution or other cleaning agent between crops and then flushed thoroughly with water before replanting. Ata-clean can also be added to nutrient solutions to prevent blockages.

Solution heating should not be necessary except where environmental conditions dictate. (low night-time temperatures).

When changing solution, plants may benefit from one watering with just water, to prevent any build up of unused nutrient salts (particularly in soil-type media).

Electrical Safety First

1. Ensure that your electricity supply incorporates an RCCB protection device, or alternatively use a socket mounted RCCB power breaker unit.
2. Ensure pump is connected in accordance with manufacturers instructions.
3. Always switch off electricity supply before making contact with nutrient solution in tank.

WILMA SYSTEM COMBINATIONS

GROWING MEDIUM

Clay Pebbles

Rockwool Growcubes

Coco Fibre

Copito

Soil

Mapito/PU Foam

NUTRIENTS & ADDITIVES

BcuzZ PRODUCTS										ATA									
Hydro	Hydro Nutrition A&B	Hydro Booster	Bloomstimulator	Root Stimulator	Bloombasic	ATA Clean	Awa	Awa L-carnitine A&B	Awa Max A&B	ATA Zyme	ATA Biofort	ATA XL	ATA PK13/14	Bloombasic	ATA Clean				
Hydro	Hydro Nutrition A&B	Hydro Booster	Bloomstimulator	Root Stimulator	Bloombasic	ATA Clean	Awa	Awa L-carnitine A&B	Awa Max A&B	ATA Zyme	ATA Biofort	ATA XL	ATA PK13/14	Bloombasic	ATA Clean				
Coco	Coco Nutrition A&B	Coco Booster	Coco Bloomstimulator	Root Stimulator	Bloombasic	ATA Clean	Coco Max	ATA Coco Max	ATA Zyme	ATA Biofort	ATA XL	ATA PK13/14	Bloombasic	ATA Clean					
Coco	Coco Nutrition A&B	Coco Booster	Coco Bloomstimulator	Root Stimulator	Bloombasic	ATA Clean	Coco Max	ATA Coco Max	ATA Zyme	ATA Biofort	ATA XL	ATA PK13/14	Bloombasic	ATA Clean					
Soil	Soil Nutrition A&B	Soil Booster	Bloomstimulator	Root Stimulator	Bloombasic	ATA Clean	Terra	Terra L-carnitine	Terra Max	ATA Zyme	ATA Biofort	ATA XL	ATA PK13/14	Bloombasic	ATA Clean				
Hydro	Hydro Nutrition A&B	Hydro Booster	Bloomstimulator	Root Stimulator	Bloombasic	ATA Clean	Awa	Awa L-carnitine A&B	Awa Max A&B	ATA Zyme	ATA Biofort	ATA XL	ATA PK13/14	Bloombasic	ATA Clean				