

Apot Brochures / Hydropak / updated 1.1.2006



HYDRO PAK

AUTOMATIC

THE HOME HYDROPONIC SYSTEM THAT MAKES YOU AN EXPERT

***NO BATTERIES *NO PUMPS**

***NO POWER *NO PROBLEMS**

THE ONLY HOME HYDROPONIC SYSTEM THAT CAN BE LEFT UNATTENDED FOR WEEKS

THE PERFECT GIFT

This pack contains everything you need to grow superb home hydroponic vegetables, flowers and plants. Kit contains: 2x10" pots, 1 double growtray, 2 part nutrient, Growing medium, 35 litre tank, Smart-valve Mk2. All fittings and connections. Full instructions included. Use indoors or outdoors. Ideal for balconies & verandahs. **AMAZINGLY EASY TO USE.**



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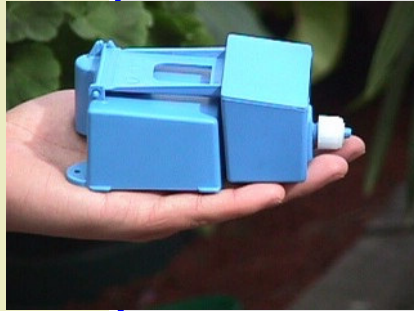
HYDRO-PAK KIT.

The start of a growing fascination

The fascination and satisfaction of hydroponics is suddenly within your reach. The Auto-Pot Hydro-pak Kit allows everyone to experience professional results from hydroponics.

Forget about the complications, complexity and problems of conventional hydroponics systems. Simply plant seedlings or seeds, fill the tank with water, add a measure of nutrient and watch for the spectacular results. The results could be on your table before you need to top up the tank again.

The Hydro-pak Kit allows you the flexibility of movable pots and a long lasting, portable plastic growing tray. The set comes complete with nutrient tank, pots, perlite growing medium, nutrients, filter, Smart-valve, grommet, tubing and "How to Use" instructions. **In fact, everything you need except the plants.**

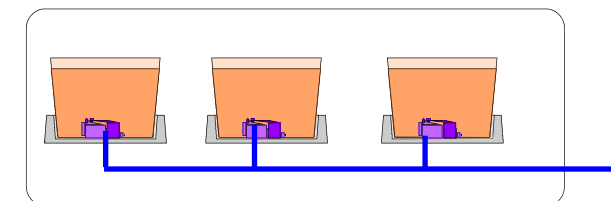
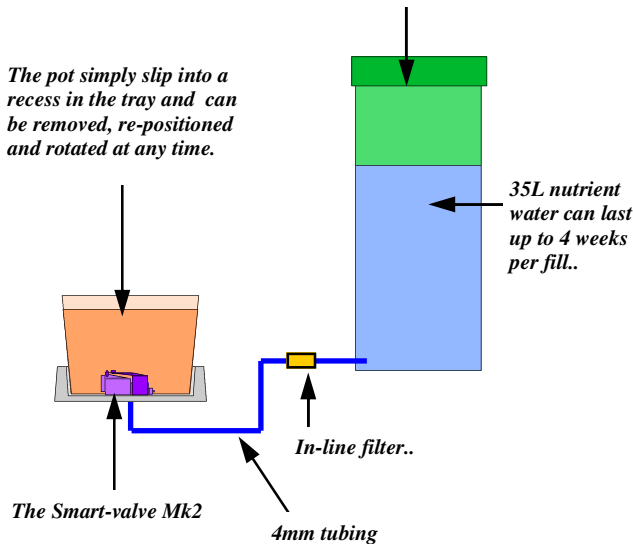


The Smart-valve Mk2 Heart of the System.

Automation without batteries, electricity or pumps. The system works by gravity and plants are in control in determining when and how often to refill the trays. This is what we call "PLANT DRIVEN technology".

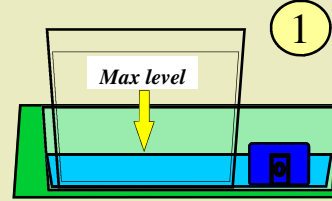
The outer pack also serves as a 35L nutrient solution tank. Position so that nutrient flows to Smart-valve by gravity.

The pot simply slip into a recess in the tray and can be removed, re-positioned and rotated at any time.

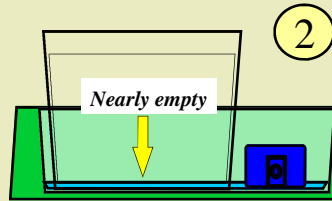


You can easily add on to extend from a single reservoir.

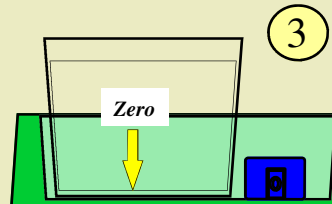
How It Works



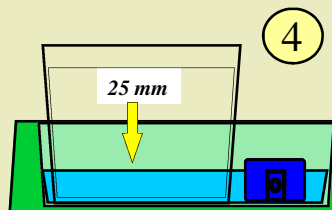
The tray starts empty and the Smart-valve opens to let water into the tray to a pre-set level of about 25mm.



Water level in the tray drops as it is used by the plant. It is now nearly empty but the Smart-valve still remains closed.



The tray is now completely empty and will need some time (several minutes) before the Smart-valve re-opens to let in more water.



The Smart-valve will close again once the pre-set water level of 25 mm is reached and this completes one watering cycle.

Setting up a unit of Hydro-pak Kit is simple and takes only a few minutes.

Once the system is connected and has started, the Hydro-pak unit will look after the plants far better than you can. This is because the plant is in control of the wet and dry watering cycles.

The warmer the weather and the larger that the plants grow, the more often the Smart-valve will have to release a consignment of nutrient water into the tray to satisfy the demand for more water by the plant. So it does not matter whether it is summer or winter, you do not need to be know how to water your plant. The Hydro-pak unit takes care of itself. All you need to do is to make sure that the tank is never empty.

- NO BATTERIES,

ELECTRICITY OR PUMPS
Automation here does not require any external power. It relies on gravity to work.

- **VIRTUALLY MAINTENANCE FREE**

Once installed, watering and feeding is automatic. All you need to do is to keep the tank topped up with nutrient and water when required – normally every 2 to 4 weeks.

- **ENVIRONMENTALLY FRIENDLY**

There is no run-off. Every drop of nutrient water is used up by the plant.

Extension



8-pot Extension Pack (or 4 modules).

