Upon delivery of your equipment, note any dented, deformed, or opened boxes to the delivery company (usually UPS). If any part of your order is broken or damaged, immediately notify the carrier. They will send someone to inspect the damaged part and return it with the carton to us (at no cost to you). Then let us know what is being returned. We can send replacements as soon as UPS calls us and confirms that the damaged parts are coming back to us.

TEMPERATURE AND AIR CIRCULATION
Most plants prefer temperatures between 65°F and 90°F, with between 70° and 80° being closer to the optimum. Using a fan will help keep temperatures down when it’s too hot, strengthen the plants, and bring in fresh air if you’re growing in an enclosed area. Don’t blow them over, but give them a gentle breeze for part of the day. Make sure you also have plenty of air circulation.

REUSING YOUR HYDROFARM SYSTEM
After you’ve finished your crop you need to clean your system with a weak chlorine bleach solution (1 tablespoon to a gallon). For replacement parts contact your local authorized Hydrofarm retailer. Eventually you may need Hydrofarm nutrients, rockwool, etc.

Guarantee
Your Hydrofarm Megagarden components are guaranteed to work for the original owner for a full year. This includes the pump, reservoir and irrigation parts. Nutrients and Rockwool are not covered. Misuse, abuse or failure to follow instructions are not covered. If you have a problem, please contact the place of purchase for return authorization and replacement. Save your receipt/invoice. A copy is required for all warranty work.

Hydroponics: Simple, Quick and Easy
Hydroponics is simply a more efficient way to provide food and water to your plants. In a soil garden food and water are randomly scattered about and plants have to expend a lot of energy growing roots to find them. In a hydroponic garden the food and water are delivered directly to your plants’ roots by pumping solution on timed cycles. Your plants will grow quicker and can be harvested sooner because they are putting their energy into growing above the surface, not under it.

Megagarden Parts List:
1 - Megagarden Reservoir MGRES
1 - Megagarden Insert Tray with Holes MGINTR
15 - Grow Containers EFGROW
Aggregate Growing Medium - 25 L bag GEO25

Component Box:
Agro All Purpose Nutrient NU575PT
2 - Drain Hole Filters (1/2") HGFLDH
Standpipe HGNSP
Standpipe Cap with Holes HGCPW
Grommet HGGR
1 - View/Drain Tube Assembly HGELO
1 - Inflow Assembly HGIFKT
1 - Platform Support Column MGSC
24 - Rockwool Starter Cubes
1 - pH Test Kit HGPROTK
1 - Pump with Inflow Tubing PU150/MGTBIF
1 - Timer TM15NG
1 - Red Cap with Holes MGCAP
15 - Moisture Mats EMMAT

Instructions
For topping off existing nutrient solution, mix it at ONE teaspoon per gallon of water. Once a month your nutrient solution should be changed.

CHANGING NUTRIENT SOLUTION
Once a month your nutrient solution should be changed. Repot seedlings to start the process over. You may want to do this once a month or whenever there is a nutrient deficiency. After planting your system as described, check the pH of the reservoir. Check the pH of the reservoir.

NOTE: Some components may be pre-assembled.

LIGHTING
Line the entire growing area with a white surface or material to reflect the maximum amount of light. Metallized film or white plastic are recommended. Flat white paint is also good. A heavy duty grounded timer will make the light cycle automatic.

MIXING IN THE NUTRIENTS AND THE pH
Filling your reservoir, Agro All Purpose Nutrient should be mixed carefully to minimize breakage. Moisten your rockwool cubes before handling. Wash your hands after handling.

HANDLING ROCKWOOL
Rockwool is a fibrous mineral material and should be handled carefully to minimize breakage. Moisten your rockwool cubes before handling. Wash your hands after handling.

NOTE: Some components may be pre-assembled.

IRRIGATION TIMING
The Megagarden system operates on a number of timed flood and drain cycles per day. This will require a timer to activate your pump. The tray will fill to the top of the standpipe within 30-minutes. It will then drain, when the timer shuts the pump off.

The pH of your solution should be checked weekly and kept between 6.0 and 7.0 for most crops. Normal tap water is usually from 7.0 to 8.0. The addition of the nutrients at the prescribed level usually lowers the pH into the acceptable range. If your pH varies above or below these levels, you can gradually adjust it with our Hydrofarm pH adjusters. Don’t be concerned if your pH is a little off unless your plants are showing signs of nutrient deficiencies. After planting your system as described below, fill your reservoir with premixed nutrient solution by pouring it down through the planted containers. It will drain into the reservoir. Fill to just below the platform. This should be about 7 gallons.

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The more light you give your plants, the faster they’ll grow. If you’re growing outdoors, give them a good southern exposure during the growing season in your area. If your growing season is short with cold temperatures, it’s best to give your plants an early start indoors under our Agrosun® fluorescents. For larger areas, use a combination of our Hydrofarm halides and sodiums.

If you buy flats of seedlings, gently wash off just enough dirt to fit the seedling in the rockwool block or plant them directly into the planters. Always check nursery plants for dirt to fit the seedling in the rockwool block or plant them directly into the planters. Always check nursery plants for signs of insects. If any pests are spotted, the plants should be spayed with something like Insecticidal Soap and quarantined for 48 hours before planting your system.

If you want to insert cuttings into large blocks, wait until they have developed white, healthy roots out of their small cubes.

If you are using the rockwool blocks instead of the aggregate, use a live root system (1 teaspoon/gallon). Pour the new nutrient solution into another container. This used nutrient solution is a little off unless your plants are showing signs of nutrient deficiencies. After planting your system as described below, fill your reservoir with premixed nutrient solution by pouring it down through the planted containers. It will drain into the reservoir. Fill to just below the platform. This should be about 7 gallons.

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