



GHE

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THE CONTROLLER

Connects 4 to 8 units



L = 46 - l = 46 - H = 71

The General Hydroponics controller/reservoir system automatically maintains the proper fluid level in multiple growing units. It is compatible with the AquaFarm and the WaterFarm.

By feeding all your plants from a single source, you don't need to monitor the fluid depth, pH and PPM of each individual module, but only of a single reservoir. The large reservoir also lets you forget about tending your garden if you go away for a few days.



With the protection of the planet in mind, our units are manufactured especially for us with recycled, heavy-duty plastics, and made to last.

They are UV resistant and contain a light barrier to protect roots, and prevent algae from growing in the reservoirs.

Bringing Nature and Technology Together



IMPORTANT NOTICE

To operate your systems successfully:

- Get a water analysis from your local water company: to use the fertilizer best adapted to your water, it is important to know it's content.
- Always clean your system thoroughly between crops.
- If you have questions about your water or about the development of your crop, please don't hesitate to contact us. We guarantee technical support and advice to all our customers.

COMPONENTS

Each controller system consists of:

1. Reservoir pail (45 liters) with lid
2. Controller pail (15 liters), with float valve
3. 3 x 16 mm tee's
2 x 16 mm elbow fittings
1 x 16 mm straight connector
4. 1 short blue tubing
5. 1 drain/level tube with elbow and clip
6. 4 x long blue tubes

Your controller comes equipped to serve 4 growing systems.

The same controller can serve up to 10 pots. Sets of parts for pairs of systems are available.

ASSEMBLY

You can arrange your growing modules in one or two rows.

The drawing page 3 shows you how to put your set together.

TO AVOID TROUBLE

1 - In summer, when using lights in an enclosed space, and in order to avoid extreme temperatures, turn your lights on at night to take advantage of the cooler air. And turn them off during the day.

Your nutrient solution should be kept as cool as possible, ideally around 18 ° C. As much as possible, do not let it exceed 24 ° C.

2 - The grow room should be well ventilated. Average humidity should stay around 75%. Continuous ventilation will eliminate excess humidity and bring in the much needed CO² to your plants.

Circulation fans will homogenate the air in the room, eliminating pockets of hot, humid air.

3 - If plants are not growing well and you suspect "hard water":

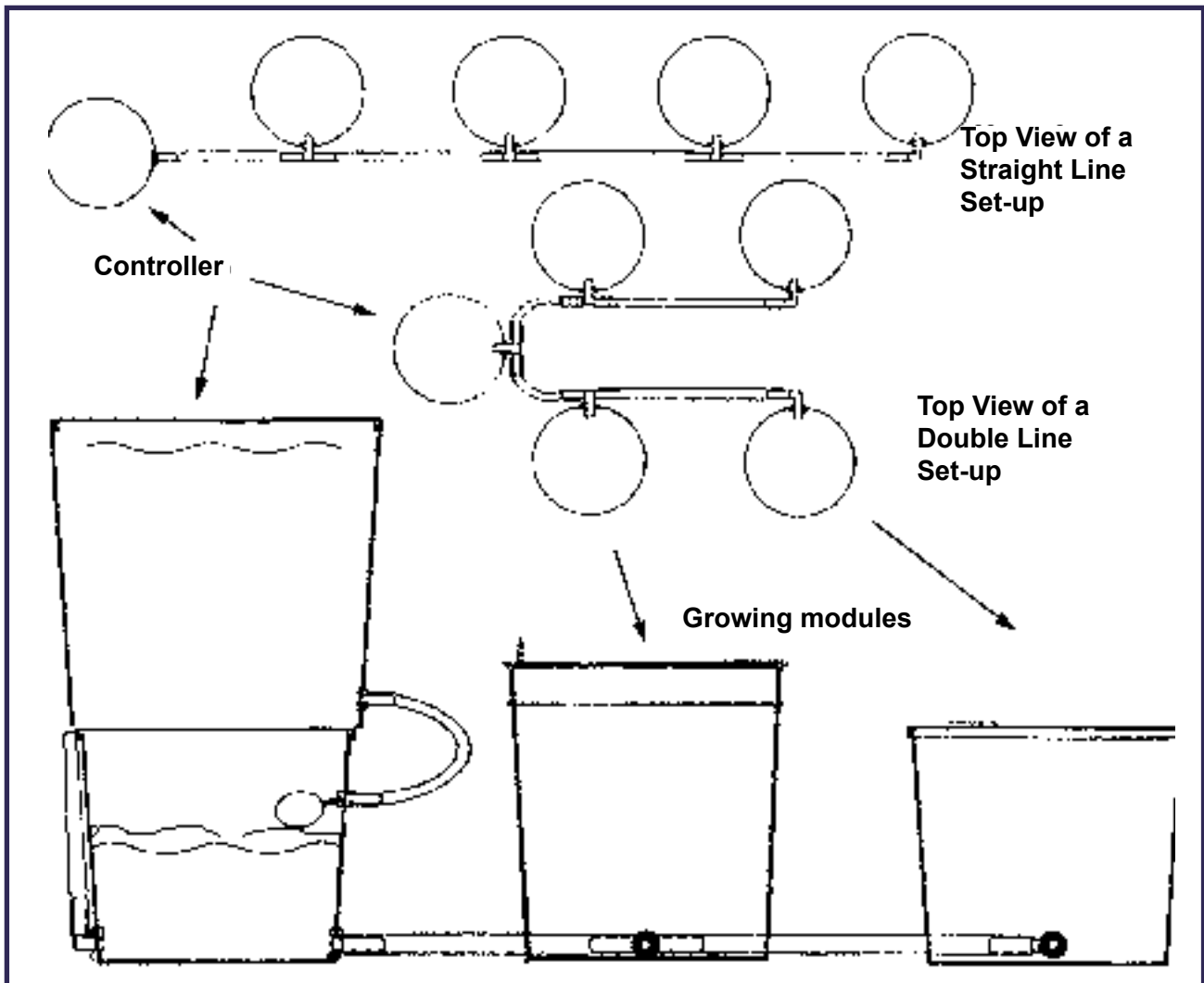
1. IT IS IMPORTANT TO GET A WATER ANALYSIS FROM YOUR WATER COMPANY

If you need help, please contact us, we will be glad to advice you.

2. Collect rainwater or try distilled or purified water. You should see a significant improvement in plant health and growth within one week.

3. Inquire about our FloraMicro "Hard Water" for waters containing Ca>70mg/L.

4. Read our litterature on nutrients, and the detailed instructions included with your WaterFarms and AquaFarms.



ACCESSORIES

General Hydroponics Europe offers many helpful products to support your Controller. These include: The AquaFarm and the WaterFarm, individual growing systems.

- FloraSeries Nutrient System: FloraMicro, FloraGro and FloraBloom
- One Part: Total Grow and Total Bloom
- Mineral Magic: an essential organic additive to your fertilizer
- Diamond Nectar: an organic growth stimulator, from rooting to flowering.
- Ripen: our new ripening solution

- The pH regulators, pH Up and pH Down: the most economical regulators on the market. The same bottle is adapted to the vegetative and to the flowering cycles of the plants.

- The pH Test Kit Indicator
- The RainForest : to start plants from cuttings
- Replacement air pumps and parts

Thank you for selecting the Controller. General Hydroponics guarantees free technical support and advice to all our customers. If you have questions on your plant's growth or on the way our systems and nutrients work, please call, fax, or send us an e-mail. We welcome your suggestions and comments.

GENERAL HYDROPONICS EUROPE

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Pour toute information sur nos produits consultez nos pages web : www.eurohydro.com - www.generalthydroponics.com

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