

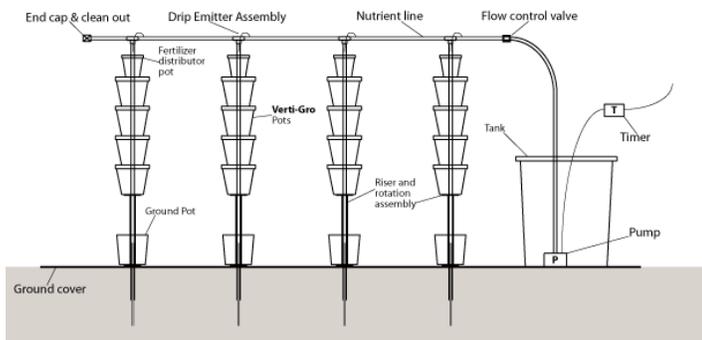
# Hydroponics

## Info Sheet

We believe that the Verti-Gro hydroponic growing systems we employ at The Farm at Rockledge Gardens are the most economical vertical growing systems ever developed for all types of vegetables and berries. For those who want to design their own hydroponic gardening space we offer two different Verti-Gro systems: a 4-tower system and a single tower system.

The **4 tower/16 pot system** (see below) can be customized for various tower heights. You may have towers that are 3 pots high to grow tomatoes and use the saved pots to add to the remaining towers. If 2 out of the 4 towers are configured for 3 pots, the 2 remaining towers can be 5 pots high or one of them can be 6 pots high.

The VGK-16AGP Vertical Garden Kit with Ground Pots



Plants can also be grown in the top and bottom pots. Towers allow for very efficient use of space; the medium is a mixture of coconut fiber (coir) and perlite. The ground pots may be used for various crops including those that grow too large for the standard tower pots. Cabbage, beets, onions and many other vegetables can be grown in these ground pots.

The Verti-Gro pot is a high density EPA plastic about 9" x 9" x 8" and has 1/2" insulated walls; it has a volume of 5 quarts. The pot is not very large, but when plants with small root systems are fed automatically every day, there is no need for a large container. Larger containers only mean more soil or soil-less mix, more water, more fertilizer, etc.

There is NO soil in the mix we supply or recommend. The **perlite** or **coconut fiber** is very porous and allows for a lot of roots to grow in a small area. (Coarse vermiculite can be used in place of coconut fiber.)

Micro-tubes drip nutrient water at the top of each tower; the nutrient water then trickles down through the entire tower. Virtually all of the water is utilized by the time it hits the bottom pot. This allows for very efficient use of water; the system uses one-tenth the water required for traditional farming.

*The four tower hydroponic system seen in our ways to grow garden and at our farm can be purchased directly from the Verti-gro website. [vertigro.com](http://vertigro.com).*



The **single tower/4 pot system** is a great vertical garden to experience the immediate benefits of small space gardening. You can fit this garden in the smallest of sunny spaces and still produce a high density of plants.

You will never need to hand water this automatic watering garden because a pump at the bottom recirculates the nutrient water! This

system guaranteed for 3 years, but will last much longer. *The price of a single tower system includes everything **except plants**.*

Both vertical garden systems also include full printed documentation for easy set-up and growing.

# Rockledge Gardens

**Naturally beautiful and fun!**

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