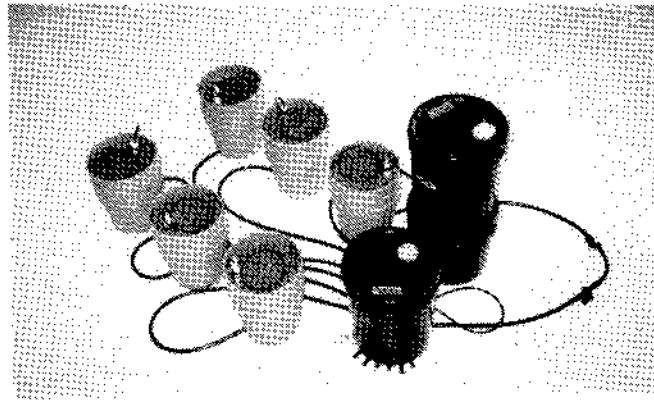


THE UNIVERSAL GARDEN®

The Universal Garden® is a patented, self-contained hydroponic growing system that is one of the simplest and most flexible available today. Regardless of how much space you have or how much you want to grow, there is a Universal Garden® that is right for you: complete systems are available with 2, 6, 12, 18, 24, and even 48 grow chambers. Plus, systems are fully and completely expandable! All components utilized in the Universal Garden® are of the highest quality available, and the complete system carries a two-year warranty—longer than any other system on the market! AHL's Universal Garden® lets you do what you love—growing and gardening—instead of dealing with the hassle and lost productivity of system down-time.

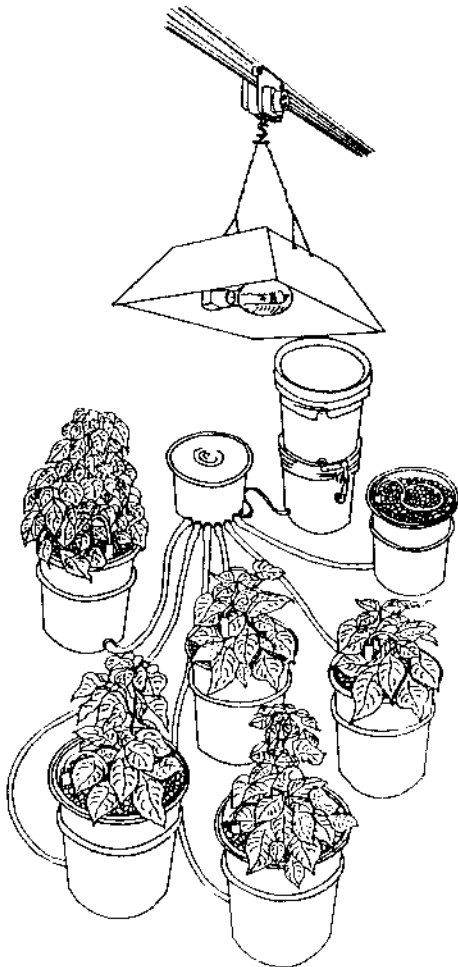
The grow chambers are assembled from three buckets that are both extremely sturdy and attractive. Their beautiful terra cotta color adds an aesthetic presence that few other hydroponic systems can offer, yet the system's attractiveness only enhances its quality and incredible productivity. The grow chamber buckets nest perfectly together and sit right on the floor—so there's nothing to balance or tilt, and you have maximum stability and excellent plant-to-light clearance. You even choose Grorocks or Rockwool as your growing medium.



UNIVERSAL GARDEN® IS PICTURED

Each grow chamber is independently connected to the recirculatory heart of the system, which delivers the same amount of water volume at the same water pressure—for every cell, every time. Best of all, each grow cell can be moved independently to prevent overcrowding and permit numerous gardening configurations. One simple counterflow tubing assembly controls the top watering and bottom draining of each grow chamber, providing the vital nutrients and oxygen needed for rapid plant growth. A separate nutrient reservoir holds almost 7 gallons of nutrient-fortified water (almost 32 gallons for UG24 and UG48 systems).

The Universal Garden® arrives at your door 90% assembled, and your shipping is free! There's never been a better time, or an easier way, to begin a hydroponic garden. Complete accessory packages (growing media, nutrients, pH test kit and adjusters) and a wide range of lighting systems are also available. For more information on the Universal Garden®, or for a free catalog of AHL's other exciting products, give us a call.



AHL

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SPECIFICATIONS

RECIRCULATORY HEART

The recirculatory heart reservoir comes with a pre-installed submersible water pump. The heart pumps nutrient-fortified water into the top of each grow cell, then drains water from the bottom.

Reservoir dimensions.....	Diameter: 12"/Depth: 14"
Reservoir capacity.....	5 gallons
Length of water delivery line.....	82"
Length of water return line.....	50"
Length of drain line.....	24"
Length of nutrient feeder line.....	6"
Water volume when filled.....	1 1/2 gallons
Pump capacity.....	333 gallons/hour

GROW CHAMBERS

Each grow chamber consists of three separate buckets that nest together: the top bucket holds the plant and growing media, the middle bucket prevents roots from clogging the system, and the bottom bucket drains and recirculates the water. Each chamber is free-standing on the floor and connects independently to the recirculatory heart reservoir.

Dimensions of each pot.....	Diameter: 10"/Depth: 9"
Capacity of each pot.....	3 gallons
Height of assembled chamber.....	13 1/4"
Circumference of drip ring.....	20"
Length of PVC water line guide.....	10 1/2"
Growing media capacity.....	7.5 liters
Water volume when filled.....	0.9 gallons (each chamber)

RECIRCULATORY HEART

Expansion Sites
Lines to Other Grow Chambers
Water Distributor
Submersible Pump

Counterflow Tubing:
Return Line
Delivery Line

NUTRIENT TOWER

The nutrient tower is a reservoir of nutrient-fortified water that is connected directly to the recirculatory heart. The bottom bucket of the tower utilizes a float valve to maintain a constant water level in the system, and the top bucket supplies additional water when necessary.

Bottom bucket dimensions.....	Diameter: 12"/Depth: 11"
Bottom bucket capacity.....	3 1/2 gallons
Top bucket dimensions*.....	Diameter: 12"/Depth: 14"
Top bucket capacity*.....	5 gallons
Length of drain line.....	27"
Length of nutrient feeder line.....	6"
Water volume (top) when filled*.....	5 gallons
Water volume (bottom) when filled.....	1 3/4 gallons

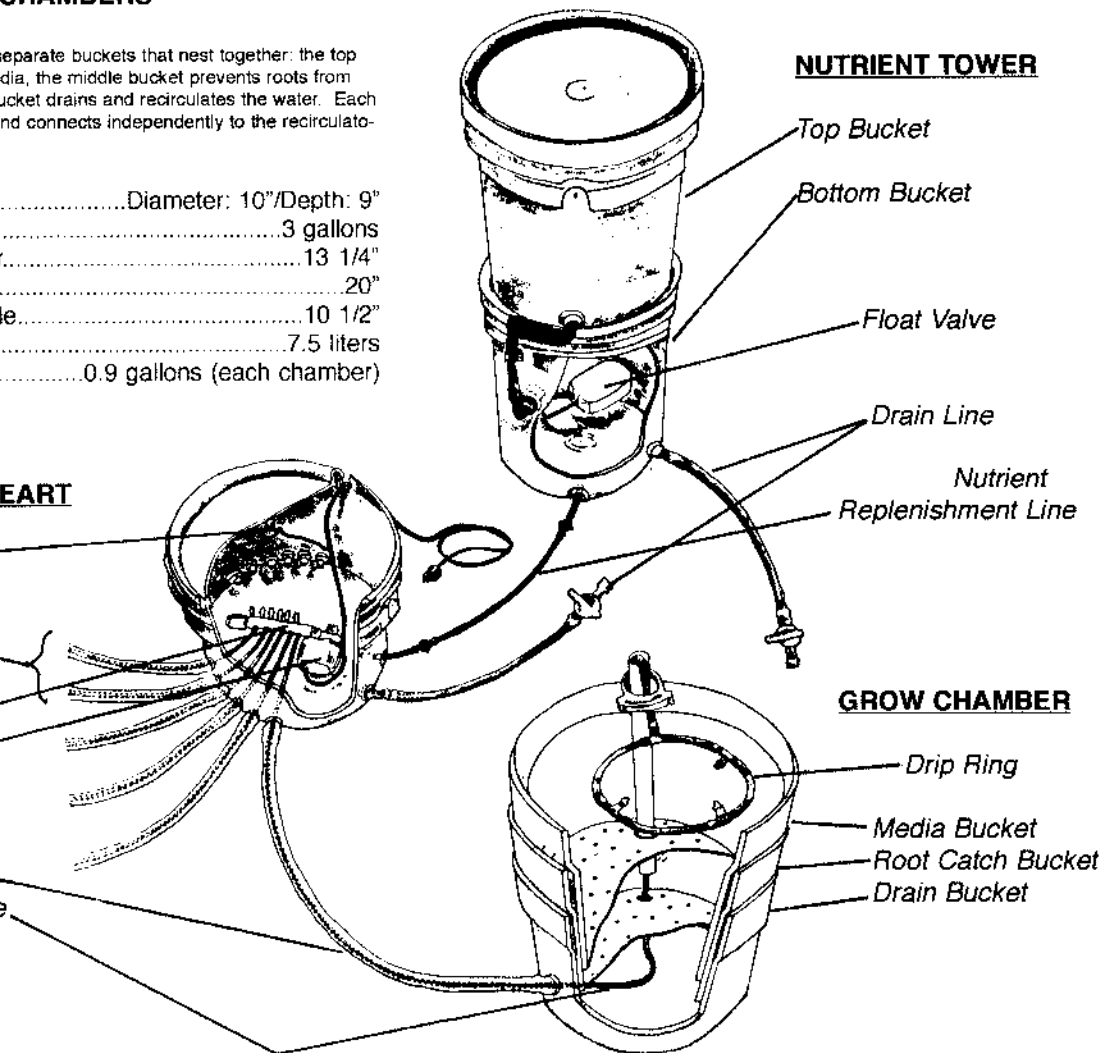
* For UG 24 and UG 48, Top Bucket dimensions are 37" L x 17" W x 14" H. Water volume capacity is 29 gallons.

NUTRIENT TOWER

Top Bucket
Bottom Bucket
Float Valve
Drain Line
Nutrient Replenishment Line

GROW CHAMBER

Drip Ring
Media Bucket
Root Catch Bucket
Drain Bucket



GROWING AREA DIMENSIONS

UG 2.....	Min: 2' x 3'	Max: 2' x 8'
UG 6.....	Min: 3' x 3 1/2'	Max: 8 1/2' x 11'
UG 12.....	Min: 3 1/2' x 6'	Max: 11' x 17'
UG 18.....	Min: 3' x 10 1/2'	Max: 10 1/2' x 19'
UG 24.....	Min: 6' x 8'	Max: 17' x 23'
UG 48.....	Min: 12' X 16'	Max: 34' X 46'

TOTAL SYSTEM WATER CAPACITY

UG 2.....	10 gal
UG 6.....	13.75 gal
UG 12.....	19 gal
UG 18.....	26 gal
UG 24.....	56.35 gal
UG 48.....	80.95 gal