North American Hydroponics We Are Hydro



The World's Greatest Growing Machine Easiest

...all systems come complete, fully assembled and ready to run, right out of the box

WeAreHydro.com

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Food-Grade design - PVC components extruded from a product class mix that meet the requirements of NSF/ANSI-61 for use in potable water systems, ensuring highest quality nutritional and medicinal products.

Self-cleaning and recirculation for mixing - the addition of a filter element to the recirculation line allows the system to self-clean while auto mixing under pump power. Complete mixing ensures accurate pH and TDS measurements.

PH-neutral, eliminates nutrient uptake problems - pH neutrality allows the plants to absorb nutrients without constant corrections due to pH bias.

Built-in modular reservoir - the self-contained modular reservoir automatically expands the reservoir volume as new GrowModules are added, maintaining the proper plant-to-reservoir ratio as the system grows.

PotLocks reduce external plant support requirements - these unique elements lock the plant baskets into the GrowTube, providing necessary mechanical support for top-heavy crops, while dramatically reducing the requirements for external support.

QuickConnect evacuation/fill port - this port allows for rapid emptying and refilling of the reservoir through the bi-directional port without changing the hose.

Double O-ring sealed leakproof/removable valve system - redundant O-rings means no leaks in the valve system, which is user removable without tools.

Lightproof/filtered design for clean operation - the lightproof/filtered design eliminates the sources of system contamination, rusulting in a perfectly clean system.

Supports Drip, Flood, NFT, Aeroponic, Hybrid modes - the GrowMode baffle allows user configuration in most popular grow methodologies, including the default Hybrid mode which combines the best of all methods.

Built-in valve system dramatically reduces labor - the valve system assists the grower by utilizing the power of the pump for mixing, recirculation, filtering, system evacuation, and refilling...dramatically reducing operator effort.

Five minute assembly/disassembly without tools - easy, rapid assembly and disassembly without assistance and without tools...requiring no sealants to maintain a watertight system.

Capable of draining uphill to a higher elevation - by draining under pump power, the system can empty the contents to a higher elevation, allowing the unit to be placed in locations unavailable for growing in the past. No floor drain required.

All plumbing internal - totally self-contained and self-supporting, with industrial strength support and no external lines to leak.

Easy setup and cleaning - five minute assembly/disassembly without tools.

All internal surfaces are easily accessable for cleaning.

Guaranteed 100% watertight without sealants - the unique assembly method allows easy assembly without tools, while maintaining system integrity with a watertight seal without the use of sealants.

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