

Aquaponic System Comparison



Equipment, Options, and Specifications	AP1 Aquaponic System	AP2 Aquaponic System	Common Aquaponic Systems on Market #1	Common Aquaponic Systems on Market #2a small	Common Aquaponic Systems on Market #2b	Option available
Price	\$4,199	\$6,399	\$6,495	\$3895	\$7,000 +	
System footprint	4.5 ft x 7ft	4.5 ft x 13ft	6 ft x 16 ft	3.5 ft x 7 ft	Variable	
Total system footprint with working area	6 ft x 8 ft or 48 sq ft	8 x 16 or 128 sq ft	12 x 20 or 240 sq ft	7.5 ft x 11ft or 83 sq ft	Variable	
Stand	Steel	Steel	Treated wood	Steel	Steel	
Fish production	30 lbs annually	60 lbs annually	110 lbs annually	15 lbs annually	110 lbs annually	
Number of planting sites	56	112	128	48	128	
Filtration system	Biomechanical Filter	Biomechanical filter	Cone tank/clarifier	Media bed	Cone tanks/clarifier, media bed	
Filtration upgrade	n/a	n/a	X	X	Upgrade available	\$1050.00
Plant Grow bed	✓ 4 ft x 4 ft	✓ 4 ft x 8 ft	✓ Two 6 ft x 4 ft	✓ Two media beds	✓ Two 6 ft x 4 ft	
Planting rafts	✓ Two- 28 plant sites each	✓ Four- 28 plant sites each	X 4 rafts NOT included	n/a	✓ 128 plant site capacity	Six rafts \$240 package
Expandable	✓	✓	X	✓	✓	
Water pump	✓	✓	✓	✓	✓	
Ventilation fans	✓	X	X	X	X	

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Aeration	Pump and all supplies 2 CFM	Pump and all supplies 4 CFM	Pump and all supplies	Pump and all supplies 2 CFM	Pump and all supplies 2 CFM	
Aeration battery backup	✓	✓	X	✓	✓	
LED Grow lights	✓	✓	X	X	X	\$400- \$1,200
Light hanging bar & ratchet straps	✓	✓	X	✓	X	
Heated seed sprouting system	✓	✓	✓	X	X	
Water Testing Kit	✓	✓	Thermometer	✓	✓	
Window Kit	n/a	n/a	X	X	X	\$250- not installed
Underwater Wi-Fi Camera	option	option	X	X	X	\$350 AP systems only
Waste Processing System	✓	✓	X	X	X	
Water wasted per system/ day	ZERO	ZERO	5-10 gallons	5-10 gallons	5-10 gallons	
Automatic fill Valve	X	X	✓	✓	✓	
SOP and Assembly Instructions	✓	✓	✓	✓	✓	
Price	\$4,199	\$6,399	\$6,495	\$3,895	\$7,000 +	





What is the big deal about a waste digester?

Sustainability-Our unique and effective waste digester (included with both AP systems) utilizes solid fish waste extracted from the filtration system in a concentrated form, to make fertilizer. Water and byproducts are conserved and utilized. We feel like wasting water and fish waste byproducts as a part of the normal operation of an aquaponic system (especially in schools) is wasteful and not effective at teaching sustainability.

Expandability- The waste digestion system is essentially a hydroponic fertilizer factory. You will produce lots of natural and effective hydroponic fertilizer for expanding your AP system with up to 3 times the original plant production capability over time as your AP system matures into full production.

Fertilizer- A third product! If you don't want to expand your hydroponic production or don't have the room, your friends and neighbors will be interested in your aquaponic-produced fertilizer for their plants or gardens. This fertilizer is rich in micro and macronutrients and alive with healthy biology to wake up the soil. Commercial farms and schools alike are realizing what a valuable product fish waste fertilizer can be in the garden and the marketplace.

Learning opportunities- We find that students and adults alike enjoy learning about the waste digestion process that is used to make a safe and useful product.

Both AP systems offered by Enterprise Aquatics include the waste digestion system.

Contact Enterprise Aquatics, LLC to get a quote for a quality aquaponics system with expert support.

Call 225 308 4132 or visit www.enterpriseaquatics.com