



ENTERPRISE
AQUATICS

CATALOG

2024

Aquaponics and hydroponic systems produce more food while requiring less space and resources by using efficient soilless growing methods. These technologies are further emerging in recent years as the fastest growing sectors of agriculture and the way forward to continue to produce food closer to the end user, conserve resources, and produce highly nutritious, fresh produce. Enterprise Aquatics is dedicated to providing quality systems and training for controlled environment agriculture.

**Urban Agriculture
Food Banks
Sustainability
Nutrition
Education**

ENTERPRISE
AQUATICS

We are the leader in providing professional, hands-on education in controlled environment agriculture education, as well as building food production systems for education, and urban farming.

\$4,199*

*Base model pricing. Does not include accessories and upgrades



AP-1



AP-1 SYSTEM

System Includes:

- 180 Gallon Oval Fish Tank
- 4' x 4' Grow Tray & Stand
- Biomechanical Filter
- Submersible Water Pump
- 2CFM linear Aeration System/8Hr Battery Back Up
- LED Grow Light
- Sludge Digester System
- Required Footprint: 6' x 8'
- 56 Planting Sites
- 450 heads of lettuce or similar leafy greens
- 30lbs of fish annually (1/6lb per gallon density)

The AP-1 is a simple to operate, compact, highly efficient and productive aquaponics system. This system is perfect for school classrooms or homes and provides a bounty of fresh fish and veggies. The system wastes ZERO gallons of water per day by utilizing a fish sludge digester.

“Sludge digestion allows for easy expansion of capacity with the additionally harvested nutrients.”



COMPACT DESIGN



**SIMPLE
MAINTENANCE**



**HIGHLY
PRODUCTIVE**



LOW POWER USE

ENTERPRISE
AQUATICS

We are the leader in providing professional, hands-on education in controlled environment agriculture education, as well as building food production systems for education, and urban farming.

\$6,399*

*Base model pricing. Does not include accessories and upgrades

 **AP-2**

The AP-2 is a simple to operate, compact, highly efficient and productive aquaponics system. This system is perfect for school classrooms or homes and provides a bounty of fresh fish and veggies. The system wastes ZERO gallons of water per day by utilizing a waste sludge digester.

“Sludge digestion allows for easy expansion of capacity with the additionally harvested nutrients.”

 **COMPACT DESIGN**

 **SIMPLE MAINTENANCE**

 **HIGHLY PRODUCTIVE**

 **LOW POWER USE**



AP-2 SYSTEM

- System Includes: 180 Gallon Oval Fish
- Tank 8' x 4' Grow Tray & Stand
- Biomechanical Filter Submersible Water
- Pump 4 CFM linear Aeration System w/8Hr Battery Back Up LED Grow Light x 2
- Sludge Digester System
- Required Footprint: 8' x 16'
- 112 Planting Sites
- Produces 900 heads of lettuce or similar leafy greens
- 60lbs of fish annually
- (1/6lb per gallon density)



ENTERPRISE
AQUATICS

We are the leader in providing professional, hands-on education in controlled environment agriculture education, as well as building food production systems for education, and urban farming.

\$2,199*

*Base model pricing. Does not include accessories and upgrades



HYDRO VERTICAL RACK

Hydroponic production in a vertical system is efficient and compact. Production is a fast cycle with harvests in 10-20 days after seeding. Microgreens are in high demand, they are tasty, and nutritious with some microgreens containing 40 x the nutritive value of the same amount of the adult plant.



COMPACT DESIGN



**SIMPLE
MAINTENANCE**



AUTOMATED



**PREDICTABLE
PRODUCTION
CYCLES**



HYDRO VERTICAL RACK

The Hydro Vertical Rack System is a complete, educational or home recirculating hydroponic system that produces both micro greens, seedlings and leafy greens and herbs in a small footprint. Ideal for classrooms or urban areas with limited square footage. The Hydro Vertical Rack System can be used to educate about the importance of developing water-based farming systems as well as provide nutritious, sustainable veggies for a home or school cafeteria.



ENTERPRISE
AQUATICS

We are the leader in providing professional, hands-on education in controlled environment agriculture education, as well as building food production systems for education, and urban farming.

\$1,399*

*Base model pricing. Does not include accessories and upgrades



10 Bucket System

Our 10-bucket production system can grow fruiting vegetables like tomatoes, peppers, cucumbers, and more. Water quality and nutrient levels can be tuned into the crop you are growing and full-size fruiting plants are produced in a compact area. This system can use hydroponic fertilizers or aquaponic fertilizer produced from an AP system sludge digester. This system can easily add a volume of production to either of the AP systems.

● **COMPACT DESIGN**

● **SIMPLE MAINTENANCE**

● **HIGHLY PRODUCTIVE**

● **LOW POWER USE**



10 BUCKET SYSTEM

The 10 Bucket System is a complete, educational or home recirculating fruiting crop production system that supports both Hydroponic & Aquaponic fertilizer inputs. Ideal for classrooms or urban areas with limited square footage. The 10 Bucket System can be used to educate about the importance of developing water-based farming systems as well as provide nutritious, sustainable veggies for a home, school or food bank.

ENTERPRISE
AQUATICS

We are the leader in providing professional, hands-on education in controlled environment agriculture education, as well as building food production systems for education, and urban farming.

\$2,799*

 **HYDRO DWC-1**

*Base model pricing. Does not include accessories and upgrades

Deep Water Culture or DWC allows the entire plant to float on the surface of the water on a culture raft. The water quality and nutrient levels are adjusted to suit the specific crop. With the nutrients and water supplied, and without the need for structural roots, plants grow 25% more efficiently. This system can use hydroponic fertilizers or aquaponic fertilizer produced from an AP system sludge digester. This system can be added to expand the production to either of the AP systems.

 **COMPACT DESIGN**

 **SIMPLE MAINTENANCE**

 **HIGHLY PRODUCTIVE**

 **LOW POWER USE**



HYDRO DWC-1 SYSTEM

**System Includes: 180 Gallon Oval Fish Tank
8' x 4' Grow Tray & Stand Biomechanical Filter
Submersible Water Pump 2CFM linear Aeration
System w/8Hr Battery Back Up**

LED 1 Grow Light

**Required Footprint: 7' x 6' Production
Capabilities: 364-416 heads of lettuce or
similar leafy greens**

- **Annual Lettuce Production Range**
- **56 Planting sites**
- **364 - 416 Heads**
- **Footprint 5' x 4' 6"**
- **Working Footprint 7' x 6'**
- **Labor per Day 15 min - 30 min**
- **Electrical Requirements
257 watts (pump & grow light) at 115 V**

ENTERPRISE
AQUATICS

We are the leader in providing professional, hands-on education in controlled environment agriculture education, as well as building food production systems for education, and urban farming.

\$4,299*

*Base model pricing. Does not include accessories and upgrades

 **HYDRO
DWC-2**

HYDRO DWC-2 SYSTEM

**System Includes: 180 Gallon
Oval Fish Tank 8' x 4' Grow Tray & Stand
Biomechanical Filter Submersible Water Pump
2CFM linear Aeration System w/8Hr Battery Back Up
LED 2 Grow Lights,
Required Footprint: 8' x 16' Production Capabilities:
900 heads of lettuce or similar
leafy greens**

Deep Water Culture or DWC allows the entire plant to float on the surface of the water on a culture raft. The water quality and nutrient levels are adjusted to suit the specific crop. With the nutrients and water supplied, and without the need for structural roots, plants grow 25% more efficiently. This system can use hydroponic fertilizers or aquaponic fertilizer produced from an AP system sludge digester. This system can be added to expand the production to either of the AP systems.

 **COMPACT DESIGN**

 **SIMPLE
MAINTENANCE**

 **HIGHLY
PRODUCTIVE**

 **LOW POWER USE**

- **Annual Lettuce Production Range**
 - **728 - 832 Heads**
 - **Footprint 5' x 8' 6"**
 - **Working Footprint 7' x 12'**
 - **Labor per Day 15 min - 30 min**
 - **Electrical Requirements**
- 457 watts (pump & 2 grow lights) at 115 V**