



aquaponics.africa

2025

AQUAPONICS SYSTEMS

EXPLORE



52 Kruger Road, Midrand,
South Africa

Success

Starts With Great Design

CONCEPTUAL DESIGN



ACTUAL IMPLEMENTATION



“

Every aquaponics system is unique - as a result it needs to be constructed exactly according to the clients requirements. We work with the very best manufacturers in South Africa as well as having our own workshop and construction team. We also source the most reliable and efficient electronics.

”





Aquaponic Systems



A Sustainable and High-Quality Solution for Year-Round Cultivation. Afraponix brings the latest in innovation to bring Aquaponics to Africa.

01



AQUA SPROUT

Designed for home use, the AquaSprout range brings commercial aquaponics to residential spaces. These compact systems fit seamlessly in apartments or small homes while maintaining full functionality. Easy to assemble, maintain, and operate—perfect for urban growers seeking fresh produce year-round.

02



AQUA FLOURISH

The AquaFlourish range optimizes cost-effectiveness without sacrificing quality. Engineered to fit within a standard 30m x 10m greenhouse, these systems integrate all components—including fish tanks—in a space-efficient layout. Professional-grade performance at an accessible price point for serious growers.

03



AQUA HARVEST

The AquaHarvest series features modular design with separated fish tanks and growing areas. This innovative approach maximizes crop space while enabling independent environmental control for both aquaculture and hydroponic components. Greater flexibility, better yields, and easier system management for commercial operations.



Overview

	Aqua Sprout	Aqua Flourish	Aqua Harvest
Dimensions	6m x 3m	30m x 10m	35m x 10m
Fish Tanks	1	3	3
Tank Size	2m³	6m³	6m³
Grow Beds	1	5	5
Bed Size	3m x 1.2m	25m x 1.2m	30m x 1.2m
Filter	BioMech 3	BioMech 15	BioMech 20
Plumbing	✓	✓	✓
Water Pumps	✓	✓	✓
Air Pumps	✓	✓	✓
Cost	R42,000	R449,000	R499,000
<div>Spring Promo</div>	R32,000	R395,000	R445,000

Optional Extras

Greenhouse	R12,500	R110,000	R110,000
Fish House	R5,500	R35,000	R45,000
Backup UPS	R900	R2,500	R3,500
MiniDos	R3,500	R14,900	R24,900

Price is in ZAR and excludes VAT, add-ons, greenhouse, fish house, delivery & installation. Prices valid until December 2025.. Promotion valid for month of September 2025



Aqua Sprout Starter



About the system

The Aqua Sprout Starter system is the perfect way to start. With a fish tank, filter and single hybrid and adaptable grow bed you are ready to start growing. The system can easily be expanded and more tanks and grow beds connected to the filter.

Whats in the box?

- 1 x 2m³ Galvanised Mesh Tank
- 1 x Bottom Drain & Diffuser Base
- 1 x Diffuser Disc
- 1 x BioMech 5,000 Bio & Solids Filter
- 1 x Diaphragm Air Pump (50lpm)
- All required Plumbing
- 1 x 5,000lph water pump
- 1 x Grow Bed with Matala Airlines
- 5 x XPS Float Rafts
- 125 x 50mm Net Pots
- 2 x Flow Thru Boards

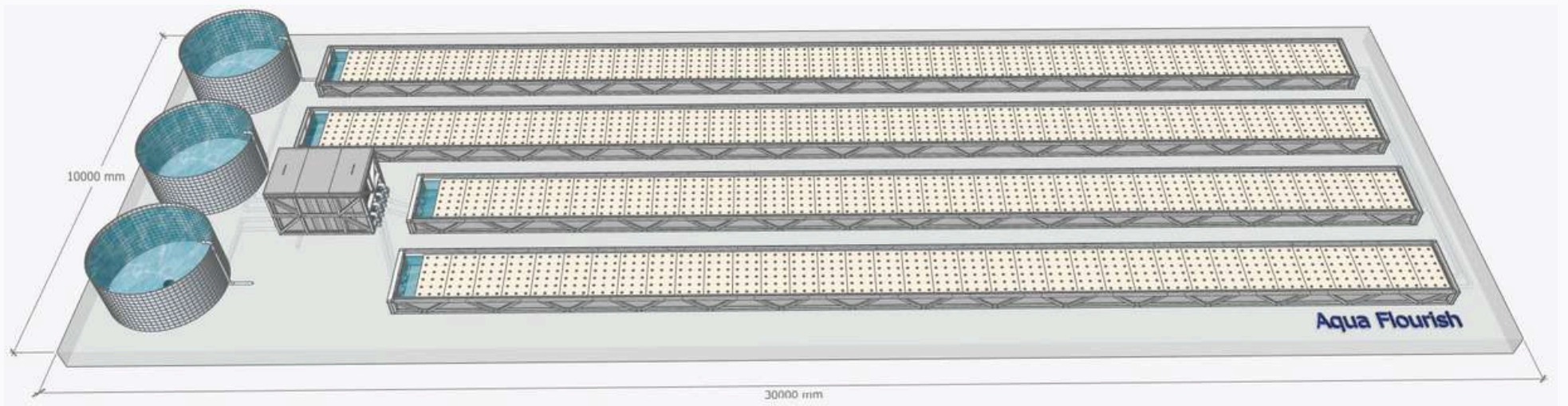
Spring

Promo

~~R42,000~~

R32,000

Aqua Flourish



About the system

The Aqua DWC is the entry level aquaponics system. There are five Hybrid Grow beds, 2 are 22m x 1.2 m and 2 are 25m x 4.5m. With 142 square meters of grow space, you can grow approximately 3,550 leafy greens. There are 3 fish tanks that on average can raise 450kgs of fish per cycle.

Whats in the box?

- 3 x 6m³ Galvanised Mesh Tanks
- 3 x Diffuser Discs & Bottom Drains
- 1 x BioMech 15,000 Bio & Solids Filter
- 3 x Air Pumps (100lpm)
- 2 x Air Pumps (150lpm)
- All required plumbing
- 3 x 5,000lph water pumps
- 5 x Hybrid Beds with Matala Airlines
- 200 x XPS Float Rafts
- 5,300 x 50mm Net Pots

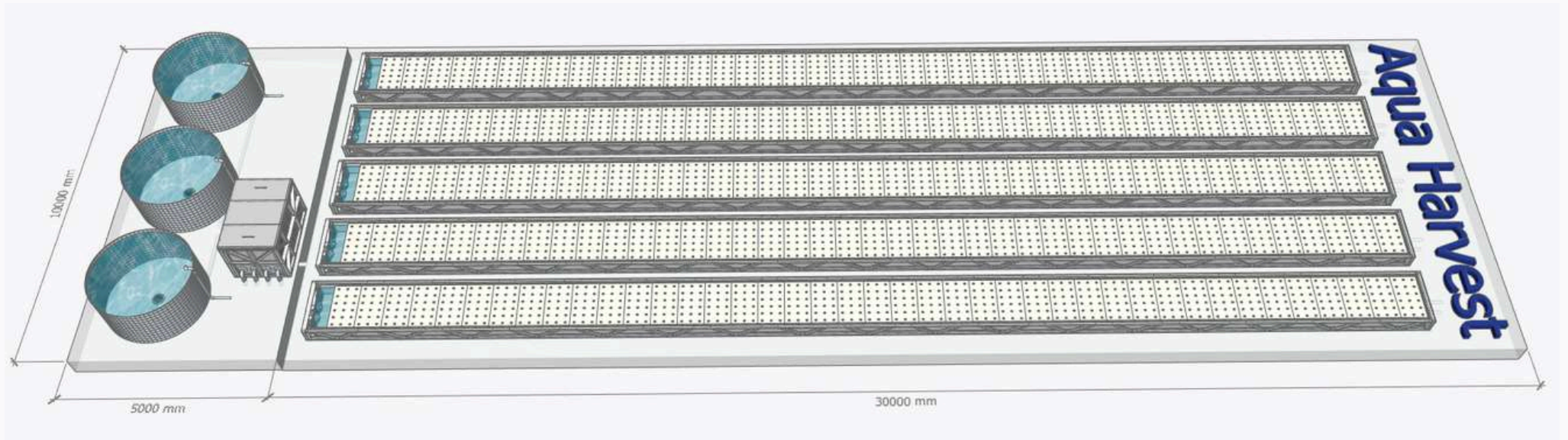


~~R449,000~~

R395,000



Aqua Harvest



Grow Methods

The Aqua Flourish is the perfect system to grow a wide range of fresh produce both big and small. With five 28m x 1.2m Hybrid Grow Beds, there is 180m² of grow space. This allows for 4,200 leafy greens.

Whats in the box?

- 3 x 6m³ Galvanised Mesh Tanks
- 3 x Diffuser Discs & Bottom Drains
- 1 x BioMech 15,000 Bio & Solids Filter
- 3 x Air Pumps (100lpm)
- 2 x Air Pumps (150lpm)
- 250 x XPS Float Rafts
- 3,500 x 50mm Net Pots
- 3 x 5,000lph water pumps
- 5 x DWC with Matala Airlines
- All required plumbing



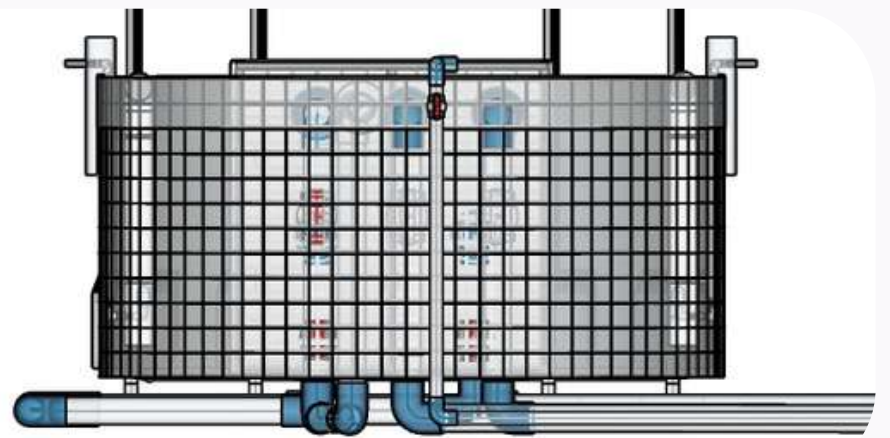
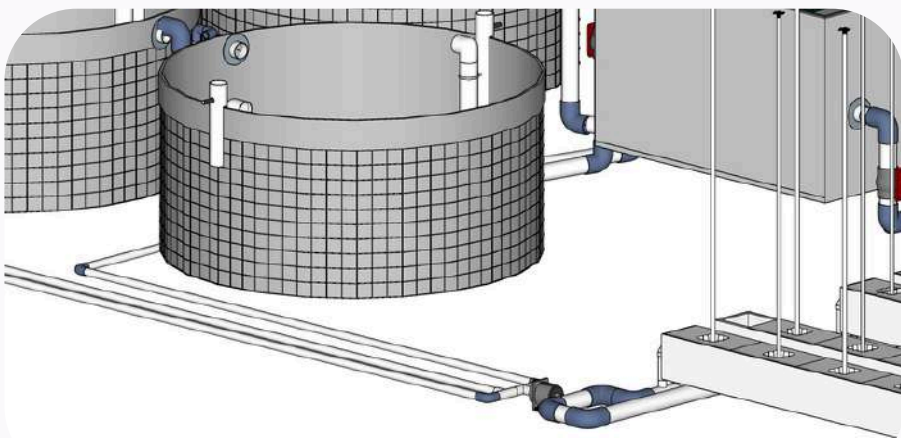
~~R499,000~~
R445,000



Fish Tanks

Designed with durability and efficiency in mind

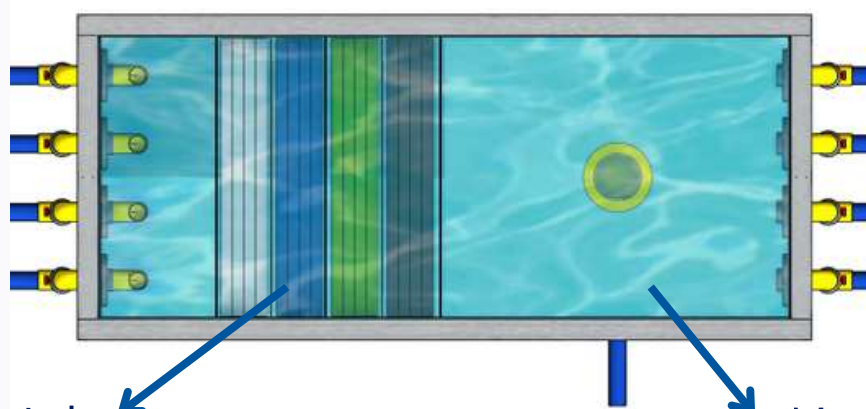
The tanks provide a reliable solution for storing large volumes of water. Crafted from high-quality galvanised and powder coated welded mesh panels, the tanks offer exceptional strength and structural integrity, ensuring long-lasting performance even in demanding conditions.



Tank Plumbing - Water Pump from Hydroponics to Fish Tanks

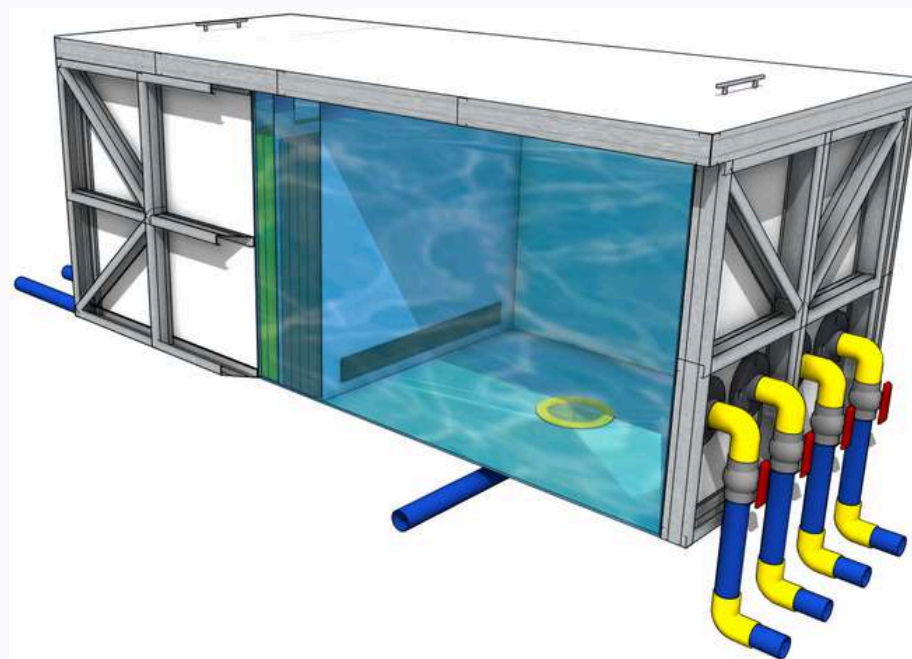
Water Filtration

The BioMech filter series makes use of Matala filter media that consists of unique, open-cell structures designed to provide exceptional biological and mechanical filtration for fish ponds. The open cell structure allows for excellent water flow while providing ample surface area for beneficial bacteria colonization. The bacteria play a vital role in breaking down organic waste and harmful substances, promoting a healthy aquatic



Biological Matala
Filtration

Mechanical
Matala Filtration





FLOW THROUGH MEDIA



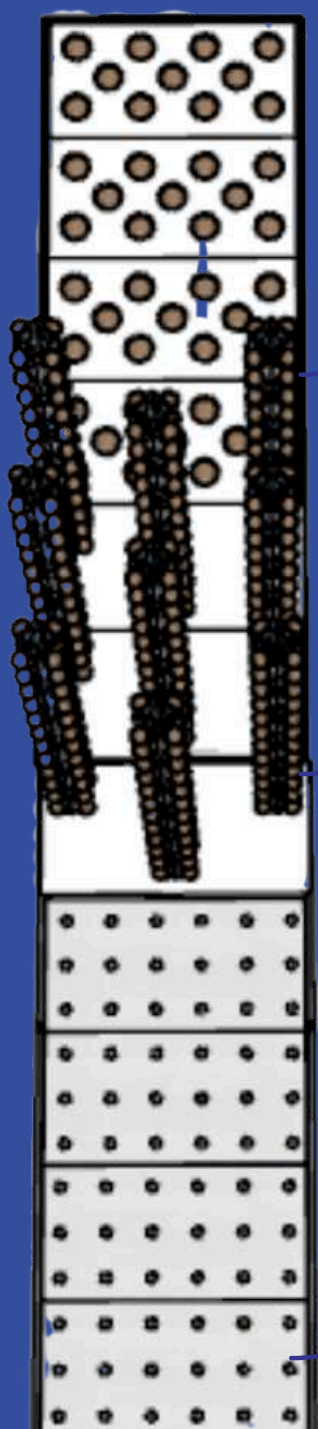
**VERTICAL GROW
TOWERS**



DWC

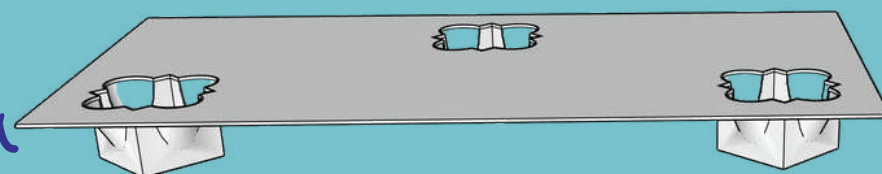
Hybrid Grow Beds

Introducing our multi purpose grow bed! Built tough, our beds deliver lasting performance in any environment. Simply swap the plate according to the plants you want to grow.



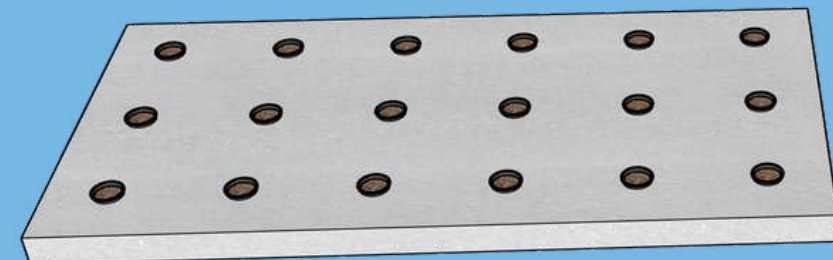
- Cucumbers
- Tomatoes
- Peppers
- Asparagus

2) VERTICAL GROW TOWERS BASE



- Herbs
- Lettuce
- Celery
- Strawberries

2) DEEP WATER CULTURE XPS



- Lettuce
- Herbs
- Spinach
- Kale



Additional options

Tower



48 Plant Tower
R2,900

Heat Pump



3kw Heat Pump
R12,000

Greenhouse



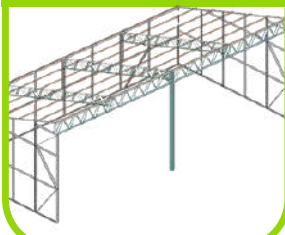
From
R110,000

Water Pump



From
R2,500

Fish House



From
R35,000

Solar



From
R295,000

Fans



From
R3,000

Tower



Tower Base Plate
R600

Track Record

Afraponix' core focus is on designing and constructing state-of-the-art aquaponic systems. Recognizing that each project may have specific requirements and constraints, they tailor their designs to suit local conditions. By leveraging their expertise and experience, Afraponix creates cutting-edge systems that are optimized for efficiency, scalability, and adaptability, enabling farmers to maximize their yield while minimizing resource consumption.



HOEDSPRUIT
South Africa



MARONDERA
Zimbabwe



OKAHANDJA
Namibia



CAPE TOWN
South Africa



USVI
USA



MAPUTO
Mozambique



FAREI
Mauritius



BEAU PLAN
Mauritius



BLACK RIVER
Mauritius



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