

WATER IS LIFE

Always Want Safe Water For
Healthy Life



AFRICA H2O
CLEAN WATER, CLEAN FUTURE



A Trusted Name In The Water Industry

Our Solutions Deliver Quality Water



Water treatment plants, also referred to as water filtration plants, are essential facilities that ensure the delivery of clean and safe drinking water to communities. These plants are crucial in addressing the challenges posed by contaminated water and in safeguarding public health by eliminating undesirable substances and minerals from the water supply.



Protect Your Family and Community with Healthy Water

Filtration Plants

Transform your operations with state-of-the-art Industrial Filtration Plants that boost efficiency, cut costs, and ensure eco-friendly solutions for a cleaner tomorrow!



Commercial Plant

Elevate your business with top-of-the-line Commercial Filtration Plants that enhance efficiency, reduce costs, and ensure pristine results for every drop!.



Residential Filters

Experience crystal-clear hydration and peace of mind with our Residential Solutions, ensuring pure, safe water for your entire home!



Water Softening

Say goodbye to hard water woes and hello to our solutions with our cutting-edge Water Softeners, ensuring a pristine experience in every drop!



Market Research

Unlock the future of African water solutions with Africa H2O's Market Research, driving innovation and ensuring sustainable growth across the continent!



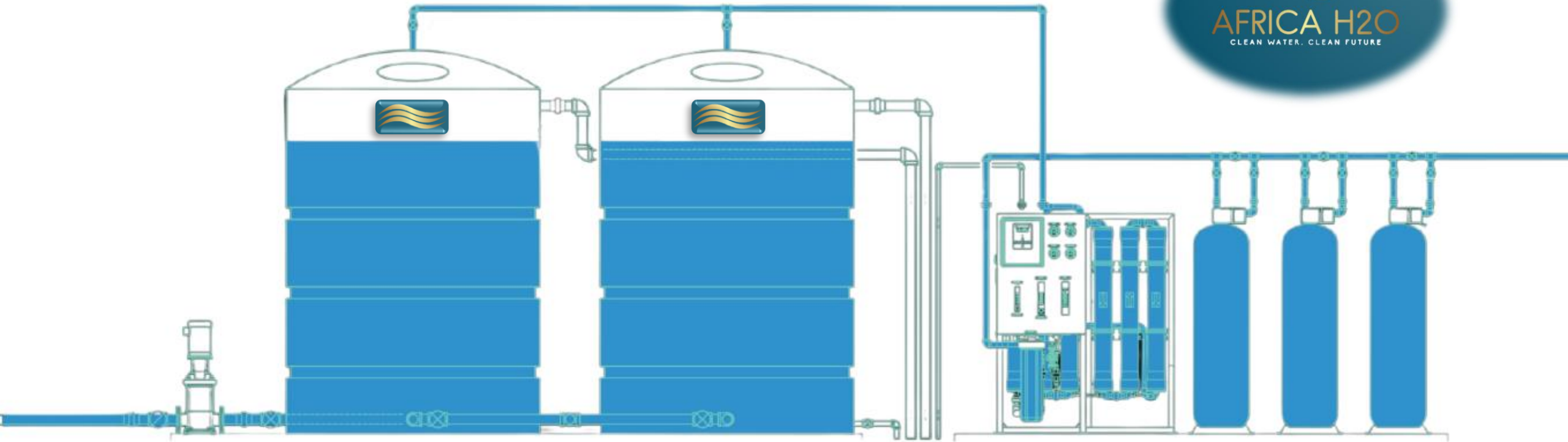
Project Planning

Ensure flawless installations and seamless execution with Africa H2O's expert Project Planning, driving your water solutions from vision to reality!

We Deliver Best Quality Water Purification Solutions at an Industrial Scale

Our Reverse Osmosis systems are comprised of top-quality components.

Filtration: Removes suspended solids and impurities from water, improving clarity and taste.



Why Africa H2O should be your partner

In our many years at Africa H2O, we've embraced a **singular vision**: to **innovate and lead**. We **challenge traditional methods** and push boundaries to **unlock new possibilities**.

Our **unique approach** ensures that implementations are not only swift but also **dependable**, empowering you to outpace competitors and excel in your industry.

We have **delivered our solutions** to some of this continent's largest and most successful companies, helping them **achieve successful outcomes**.

We are **confident** that we can do the same for you, **solving** your business purification needs **with our expertise**.



Your Partner for Quality Water Solutions

At Africa H2O, we specialize in **custom-built industrial water plant** installations designed to meet your unique needs. Our **team of experts** ensures every solution is **tailored** for **optimum performance, efficiency, and reliability**.

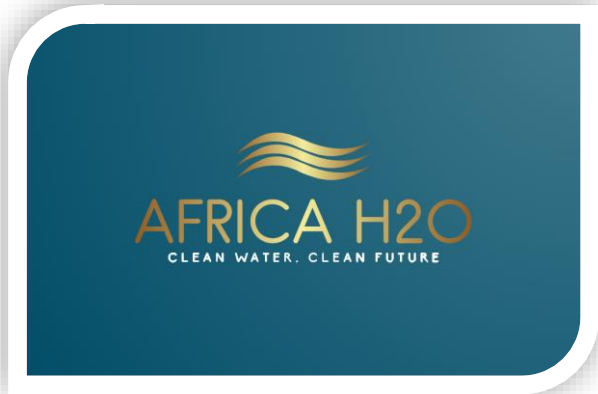
With a track **record of excellence**, we stand out by delivering unmatched **quality and innovation** in our services. **Trust** us to provide a **dependable solution** that will help your business thrive.

Contact us now for a personalized quote and let us craft a **high-quality** water plant solution that perfectly fits your requirements.

We believe in your objectives.

We believe in clean water and a **clean future** for Africa, our home.





Our Reverse Osmosis systems are comprised of top-quality components

- 1-Year Warranty on Pumps
- Filter Membrane Sino flow LP21-4040
- Filter PP 20 Inch Std Sediment Polypropylene Slimline Melt Blown 5 Micron
- Solenoid valves
- Electrical Computer Board for industrial RO ROC-2015 220v
- PVC pipes & Fittings
- Conductivity sensor
- High & low-pressure switches
- Flow meters drain & pure
- Incoming and operating gauges
- Stainless steel frame custom build

Model	800 GPD 100LPH Local	2000 GPD 250LPH purifier	8000 GPD 1000LPH Purifier
Rate capacity , LPH *temp=25 C , TDS = 100mg /L	100LPH	250LPH	1000LPH
Membranes	Filter Membrane Vontron ULP21-2540	Filter Membrane Sinoflow LP21-4040	Filter Membrane Sinoflow LP21-4040
Membranes	1	2	4
Power consumption - kW	Pump 0.37 Kw	Pump 0.6 Kw	Pump 1.1 Kw
Dimensions (W x D x H) - mm	55mm x 55mm x 1.45m	55mm x 55mm x 1.45m	55mm x 55mm x 1.45m
Dry weight - kg	40kg +-	45kg+-	60kg+-
Inlet Pressure - bar	3-6 Bar	3-6 Bar	3-6 Bar
Connection port sizes:			
<ul style="list-style-type: none"> • Feed water • Pure Water • Drain 	<ul style="list-style-type: none"> • 25mm • 20mm • 20mm 	<ul style="list-style-type: none"> • 25mm • 20mm • 20mm 	<ul style="list-style-type: none"> • 32mm • 20mm • 20mm
Drain flow rate:			
<ul style="list-style-type: none"> • LMP • LPH 	<ul style="list-style-type: none"> • 1,6 • 100 	<ul style="list-style-type: none"> • 4,1 • 250 	<ul style="list-style-type: none"> • 16,6 • 1000
Pure water flow rate:			
<ul style="list-style-type: none"> • LMP • LPH 	<ul style="list-style-type: none"> • 1,6 • 100 	<ul style="list-style-type: none"> • 4,1 • 250 	<ul style="list-style-type: none"> • 16,6 • 1000

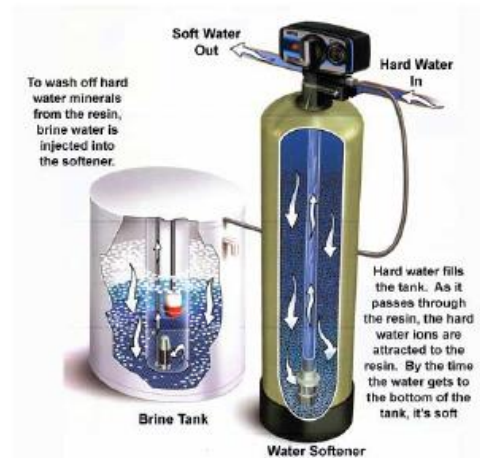
PRE- FILTRATION MEDIA

Climo/Glass: Enhances filtration efficiency, often acting as a media that captures finer particles like, sand, rust and sediment.



DMI 65/Birm: These media are used for removing iron and manganese from water, preventing staining and enhancing water quality.

Water softener is a device that removes minerals calcium, iron, and magnesium from water as it enters a home. Here are some things you should know about water softeners. Softening: Reduces hardness in water by eliminating calcium and magnesium ions, preventing scale buildup in pipes and appliances.



Aquastab is a product designed to adjust the pH levels in water. pH Neutralization: Aquastab helps balance the pH in water. Reduced Corrosion: By regulating pH levels, Aquastab reduces the corrosiveness of water. What Aquastab Does: It increases the pH of the water, making it more neutral to alkaline.

Activated carbon (also known as activated charcoal) is a carbon-treated form to increase its surface area and adsorption capacity. It's made from materials like coconut shells, bamboo, or coal, which are heated to high temperatures to activate the carbon atoms. Water filtration: Removes odours, impurities, chlorine, and heavy metals from drinking water.



PRE-FILTRATION MEDIA (Continues)

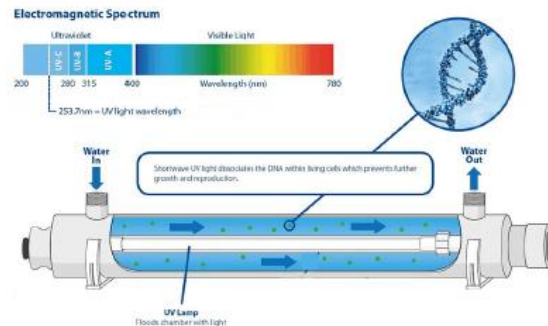
The 3 Stage Big Blue with frame purifier is a prefiltration Component that fits before the industrial system. The Sediment filter removes everything that is bigger in size than 5 Micron (Sand, Rust, Dust, Dirt, Leaves) With the Carbon filter inside, Chlorine, foul taste or smell will be reduced.



Inline Chlorinator: Introduces chlorine into the water for disinfection, eliminating microorganisms and extending water shelf life.



UV (Ultraviolet): Disinfects water by using UV light to kill or inactivate bacteria, viruses, and other pathogens without chemicals.



Before determining the necessary pre-filtration for your industrial reverse osmosis (RO) system, it is essential to conduct a thorough water analysis

FRP VESSEL DATA SHEET

A FRP (Fiber-Reinforced Polymer) vessel, also known as a fiberglass vessel or a composite vessel, is a type of pressure vessel made from a combination of fiberglass and resin. The FRP vessel is a corrosion resistant, lightweight, and durable alternative to traditional stainless steel or carbon steel vessels

Vessel Size	Inlet size	Leghth	Width	Height	KG
FRP vessel 844 (32L)	2.5" (or approximately 50.8 mm) inlet size	22mm	22mm	116 mm	5.1kg
FRP vessel 1054 (60L)	2.5" (or approximately 50.8 mm) inlet size	28 cm	28 cm	141 cm	8.6 kg
FRP vessel 1354 (105L)	2.5" (or approximately 50.8 mm) inlet size	35 cm	35 cm	141 cm	13.5 kg
FRP vessel 1465 (148L)	2.5" (or approximately 50.8 mm) inlet size	39 cm	39 cm	171 cm	20 kg
FRP vessel 1665 (192L)	4" (or approximately 101.6 mm) inlet size	39 cm	39 cm	171 cm	20 kg
FRP vessel 1665 Top and Bottom (192L)	4" (or approximately 101.6 mm) inlet size	39 cm	39 cm	171 cm	20 kg
FRP vessel 1865 with 4" Inlet (227L) Top and Bottom Opening	4" (or approximately 101.6 mm) inlet size	45 cm	45 cm	201 cm	25 kg
FRP vessel 2472 with 4" Inlet Top and Bottom Opening	The vessel has a 4" (or approximately 101.6 mm) inlet size	45 cm	45 cm	201 cm	25 kg





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Business Hours

Mon - Friday:

09.00 am to 05.00 pm SAST

Saturday:

Closed

Sunday / Public Holidays:

Closed

Contact Info

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