

INDUSTRIAL WATER TREATMENT KITS

Complete plants. Clean process water. Ready to run.

Skid-mounted reverse osmosis kits for mining companies, factories, bottling plants, hospitals, schools, hotels, borehole sites and water businesses. Supplied, installed and commissioned as one system. We also supply bulk clean treated water and can bottle it to customer requirements.

500-10,000
LITRES PER HOUR

99%
TYPICAL SALT REJECTION

Plug & run
PRE-PIPED, PRE-WIRED SKIDS

HOW WE SUPPLY PLANTS

Build Afrikka supplies industrial water treatment as a complete kit: sized from your water analysis, assembled on a steel skid, and commissioned on site. We also supply bulk clean treated water and bottle it to your required formats and volumes.

Borehole water often carries iron, hardness, turbidity and dissolved salts. Municipal supply quality can also vary. Buying unmatched filters, pumps and membranes separately slows installation and raises the risk of poor performance.

Each kit includes the pretreatment, pumps, membranes, controls and disinfection needed for stable, high-purity water. You receive one specification, one installation and a plant your operators can run.

Analysis first

Every kit is quoted from a laboratory water report.

One skid

Pumps, filters, membranes and controls arrive piped and wired.

Site conditions

Specified for borehole, municipal and variable TDS feed water.

Aftercare

Commissioning, operator handover and spare-parts support.



FROM SAMPLE TO PRODUCTION

01

Water analysis

SANAS laboratory report for borehole, river or municipal feed.

02

Kit sizing

Pretreatment, RO capacity, recovery and power matched to your site.

03

Installation

Skid placement, tank connections, electrics and disinfection.

04

Handover

Commissioning, training and a plant ready for process or bottling use.

TURNKEY SKID PLANTS

For guesthouses, water shops, small factories and commercial kitchens. Each unit is a full pretreatment-plus-RO kit on a single frame.



COMPLETE KIT · ROSKID500

500 LPH SKID

Pretreatment, raw-water pump, membranes and controls on one steel frame. Built for borehole, tank or municipal feed.

Capacity
500 L/h · ~4,000 GPD

Salt rejection
96-99%

Feed TDS / hardness
≤1,000 ppm · ≤15 ppm

Membranes / pump
2 × 4040 · 2 HP

Recovery
60-75%

Power
220-240 V / 50 Hz

INDICATIVE FROM

R 82,800



COMPLETE KIT · ROSKID750

750 LPH SKID

Higher throughput for hostels, workshops and small bottling. Sand, carbon, softener and precision filter included on the skid.

Capacity
750 L/h

Pretreatment
Sand · carbon · softener

Monitoring
Gauges & flow meters

Layout
Pre-piped & pre-wired

Included
Raw-water feed pump

Duty
Drinking & process water

INDICATIVE FROM

R 89,700



COMPLETE KIT · ROSKID1000

1,000 LPH SKID

Removes more than 99% of microorganisms and organics, and up to 95% of dissolved inorganics. Suited to lodges and food sites.

Capacity
1,000 L/h · ~6,000 GPD

Voltage
110/220 V · 1φ or 3φ

Membranes / pump
4 pcs · 3 HP

Pipework
¾" feed · ½" product

INDICATIVE FROM

R 112,470



COMPACT INDUSTRIAL · WATER SHOP

ECO / COMPACT RO

Space-saving 2,000-8,000 GPD cabinets for water shops and refill bars. Pair with tanks, UV and a filling table for a complete retail kit.

2,000 GPD compact
from R 27,600

8,000 GPD ECO
from R 69,000

4,000 GPD compact
from R 38,639

Typical recovery
60-75%

WATER-SHOP STARTER KITS

Ask

Prices are published equipment guides and exclude tanks, civil works, freight and commissioning. Final Build Afrika quotations follow your water analysis and site survey.

FACTORY AND BOTTLING PLANTS

Stainless-frame plants producing thousands of litres an hour for mining, beverage, process, hospital, school and municipal use.



INDUSTRIAL RO

2,000 LPH

Horizontal membranes, cartridge pretreatment and a vertical high-pressure pump for continuous commercial output.

INDICATIVE FROM

R 129,030



ROSKID6000

6,000 LPH

95-98% desalination, ±50% recovery, 380 V three-phase. Built for bottling plants and factory process water.

INDICATIVE FROM

R 552,000



ROSKID8000 / 10000

8-10,000 LPH

8 x or 10 x 8040 membranes, 11-15 kW high-pressure pump, 2-2.5" feed. For high-volume industrial purification.

FROM R 655,500

R 759,000

PLANT	OUTPUT	POWER	MEMBRANES	MAX FEED TDS	GUIDE PRICE
500 LPH complete skid	0.5 m³/h	220 V / 1φ	2 × 4040	1,000 ppm	R 82,800
1,000 LPH complete skid	1.0 m³/h	220 / 380 V	4 pcs	1,000 ppm	R 112,470
2,000 LPH industrial	2.0 m³/h	Industrial 3φ	4040 / 8040	Project	R 129,030
6,000 LPH industrial	6.0 m³/h	380 V / 3φ	Industrial RO	2,000 ppm	R 552,000
8,000 LPH industrial	8.0 m³/h	11-15 kW · 380 V	8 × 8040	2,000 ppm	R 655,500
10,000 LPH industrial	10.0 m³/h	15-16 kW · 380 V	10 × 8040	2,000 ppm	R 759,000

TYPICAL APPLICATIONS

Mining

Process water, camp supply, wash-down and dust suppression for mining operations.

Hospitals & schools

Reliable drinking and utility water for clinics, hospitals, campuses and school facilities.

Food & beverage

Ingredient water, rinsing and bottling lines needing consistent low-TDS product water.

Bulk treated water

Clean treated water supplied in bulk for sites that need volume without running their own plant.

Custom bottling

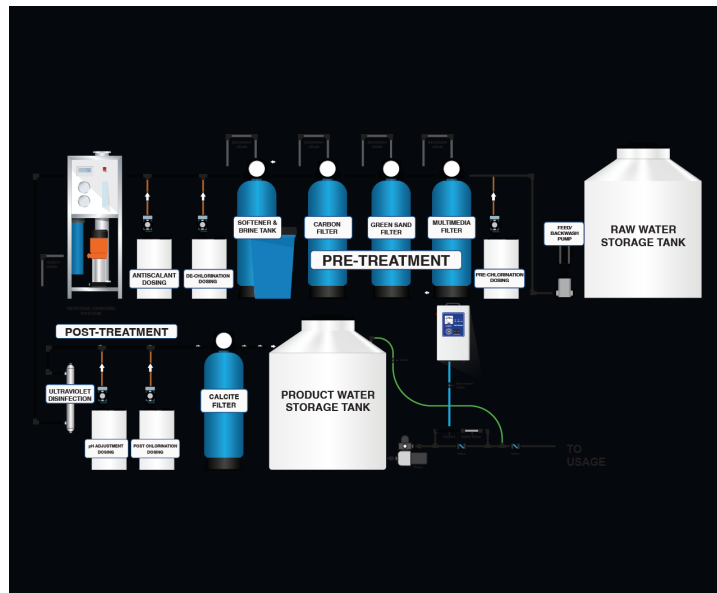
Bottling capacity matched to customer requirements, including formats and fill volumes agreed per order.

Factories & hospitality

Boiler feed, cooling make-up, hotels, lodges and commercial facilities.

WHAT A COMPLETE PLANT INCLUDES

A Build Afrikka industrial kit covers the full treatment line: pretreatment, reverse osmosis and post-treatment for storage and use.



Typical process: raw water tank > multimedia / green sand / carbon / softener > antiscalant > reverse osmosis > calcite & UV > product tank with optional ozone.

STANDARD KIT CONTENTS

- Raw-water storage tank and feed / backwash pump
- Automatic multimedia or sand / glass filter
- Automatic activated carbon filter
- Iron removal or green-sand stage where required
- Softener with brine tank, or antiscalant dosing
- 5-micron precision cartridge filter
- Industrial RO skid with membranes and HP pump
- Product-water tank, UV steriliser and filling point
- Control panel, gauges, flow meters and valves

MATCHED TO YOUR FEED WATER

Borehole water often has hardness, iron, turbidity and dissolved salts. A laboratory report determines whether you need DMI-65 with chlorination, a softener, ultrafiltration ahead of RO, or a higher-pressure brackish plant. Two sites with the same capacity may still need different kits.

RO Reverse osmosis core plant	UF Ultrafiltration 1,000-5,000 LPH	UV Sterilisation before filling	O₃ Ozone polish for storage tanks
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REQUEST A QUOTATION

Get a kit sized to your water.

Send your laboratory analysis, daily water demand and site power details. Build Afrikka will return a complete industrial kit specification and quotation. Ask us about bulk clean treated water supply and bottling to your requirements.

PROJECTS DESK

+27 71 627 6776

sales@buildafrikka.co.za

www.buildafrikka.co.za

Construction | Water solutions | And more

WHAT TO INCLUDE IN YOUR ENQUIRY

01 • Water report

TDS, hardness, iron, manganese, pH, turbidity, chlorine and microbiology. A full SANAS-accredited certificate is ideal.

02 • Duty

Litres per hour or per day, hours of operation, and whether you need plant supply, bulk treated water, bottling, drinking, process, boiler feed or a mix.

03 • Site

Power available (single or three phase), floor space, raw-water source and whether tanks already exist.

WHY BUY A COMPLETE KIT

A complete kit shortens installation and reduces on-site assembly errors. Pretreatment is included from the start, which protects membranes. If demand grows, additional skids can be added without redesigning the plant.

Reseller & project partners

Industrial kits are available for developers, EPC contractors and water-shop operators. Ask for project and volume terms when you send the enquiry.

Capacities, specifications and indicative South African rand prices in this brochure are guides only and may change without notice. Salt rejection, recovery, feed TDS limits and power ratings depend on actual feed-water quality. Final pricing, lead time and scope are confirmed on quotation after water analysis. This document is for email marketing and A4 print. In your browser, use Print, choose Save as PDF, paper size A4, margins none.