



CORPORATE PROFILE & PRESENTATION

www.airflush.co.za

WELCOME TO OUR COMPANY

KINGDOM POWER
AirFLUSH

Tel: 011 314 0067
Email: info@kingdompower.co.za
Website: www.kingdompower.co.za

WonderLEVEL

*Flushing the toilet with
air saves up to 80% water
in any household.*

THE CONTENT

About AIRFLUSH™

03

Gallery of Equipment

04

Kingdom Power Engin.

05

Gallery of Prev. Events

06

Our Mission & Vision

07

Our Previous Clients

08

Timeline - Previous Word

09

Previous Work Cont.

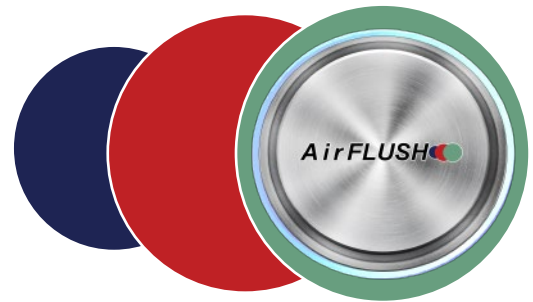
10

Contact Us

11



ABOUT AIRFLUSH™



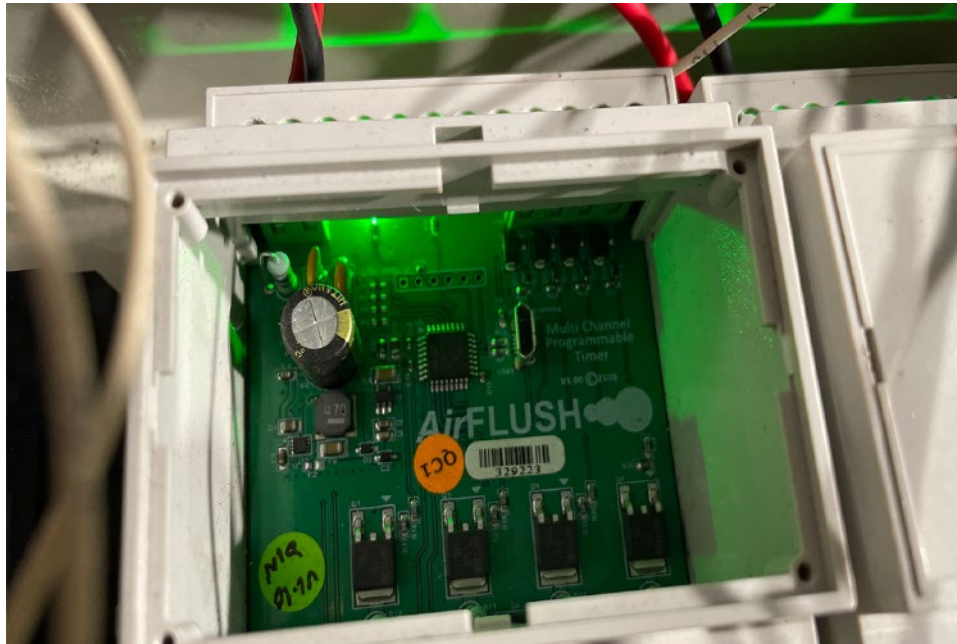
Flushing with air will save you up to 50% water and sewage bills. Bill Gates once said “a toilet is the best invention ever made.” AIRFLUSH™ is set to transform the concept of a toilet in the 21st century and beyond.



AIRFLUSH™: SIMPLICITY, RELIABILITY AND AFFORDABILITY

Vacuum toilet have been around for over 80 years in the Aerospace industry and 50 years in the railway industry. What sets AIRFLUSH apart is developing a simple yet robust valve that makes our vacuum toilet more reliable and cost effective.

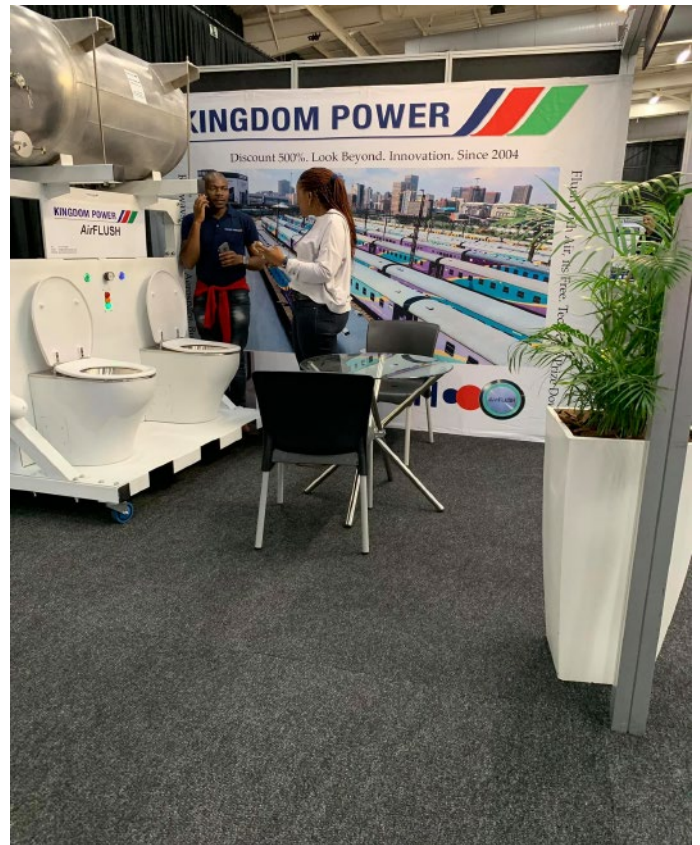
AirFLUSH™ is a 22nd century toilet technology that will revolutionise the water and sanitation industry.



KINGDOM POWER ENGINEERING

Kingdom power, the holding company of AIRFLUSH™ was established in 2004. In 2011, our first vacuum toilet were installed on Prasa trains in partnership with Transnet Engineering. We have come a long way since 2011 when we first installed our first vacuum toilet on a single coach. Since then, over 700 units have been installed.

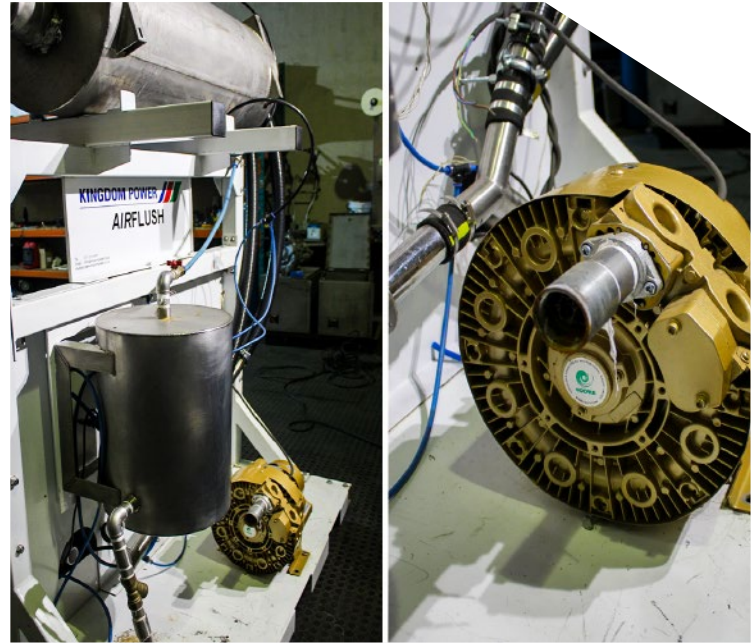




OUR MISSION

Developing New technology to innovatively offer solutions in saving water.

Since 2011 our technology has been installed on trains, ships and schools. In 2023 Working with DiD and Water Research Council we aim to accelerate AirFLUSH™ rollouts to many other government buildings.



OUR VISION

To be the Industry Leader in modern age Technology

AirFLUSH™ is developed to cut across different industries such as aircrafts, trains, ships and properties.



OUR PREVIOUS CLIENTS

These are

SASOL
reaching new frontiers



prasa
PASSENGER RAIL AGENCY
OF SOUTH AFRICA



AirFLUSH™ is a 22nd century toilet technology.

AirFLUSH™ will revolutionise the water and sanitation industry. Flushing the toilet with air saves upto 80% water in any household.



2012

AirFLUSH™ for Trains

Kingdom Power has been manufacturing, installing and maintaining vacuum toilets in the Railway Industry since 2012. AirFLUSH™ is the 3rd Generation vacuum toilet which has been developed from our Research and Development test bench. AirFLUSH™ is installed in Vans with single toilet, Premium and Sleeper coaches having two toilets and Seater coaches having four toilets. AirFLUSH™ works on the principle of Vacuum on Demand, VoD making it highly reliable even when there are leaks on the waste pipeline. Each flushing cycle uses approximately 0,5 litres of water and 100 litres of air. The amount of water can be adjusted from zero to one litre depending on user requirements. Over 500 long distance trains are equipped with our vacuum toilets ensuring passenger comfort and safety.

2019

AirFLUSH for Shipping

Sara Batman is SAMSA Ship patrolling South African waters. AirFLUSH™ toilets were installed in this Ship in 2019 with no failure for more than 5 years in service. AirFLUSH™ will revolutionise the waste handling services within the Shipping industry at a fraction of the cost compared to available technologies.



2021

Airflush™ for Schools

Five Airflush™ toilets have saved 6 million litres of water at Hitekani Primary School since May 2021 when the pilot project was commissioned. In a partnership between Kingdom Power, Department of Infrastructure in Gauteng and the Innovation Hub Airflush™ toilets have demonstrated that water scarcity problems can be solved within the SADC region. The pilot project has been extended to 30 more schools with a potential to save billions of water litres. The return on investment, ROI is estimated at 2,5 years on water costs savings excluding the sewage costs.

Establishments such as hospitals, Service Stations, Flats, Office Blocks, Sports Facilities, Airports and any bulk water building will benefit from Airflush™ installations.

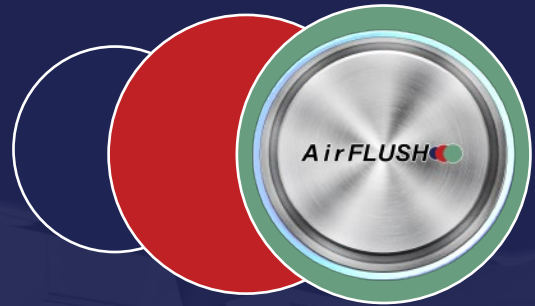
2023

Airflush™ for Mining

Underground Mining faces significant challenges regarding waste handling. Miners underground are exposed to health and safety problems due to the toilet bucket system which most mines use. Airflush™ has made it possible for miners to flush toilets like in the aeroplanes and improve productivity while digging minerals.



CONTACT US



- 🗨️ **BEE Level 1 Contributor**
- 📍 **7 Coronarium Business Park
173 Roan Crescent, Midrand Corporate Park North Gauteng**
- ✉️ **info@kingdompower.co.za - thembinkosi@kingdompower.co.za**
- ☎️ **011 314 0087 - +27 83 380 4661**
- 🌐 **www.airflush.co.za**

