

## MOBILE WATER TRAILER

Imagine being able to generate potable water directly on site without mains electrical supply — anytime, anywhere! Now you can with Konia Water's patented WATER from AIR generators and advanced water filtration systems, integrated into a complete customised mobile trailer solution.

Generate unlimited quantities of purified water where you need it most for a fraction of the cost.

### Product overview

The Konia Water mobile water generating system includes four Konia Water KA 9000WG atmospheric water generators, capable of generating up to 400 litres of purified water per day. An additional tap outlet and pump allows a hose to be fitted for other applications such as eye wash stations or showering.

The water generators are built into a completely self contained, self sufficient mobile trailer. The trailer is fitted with dual power capabilities, enabling operation either from the 200 litre onboard diesel generator or alternate power sources, such as mains electricity. Excess power can be used to run other applications such as lighting. The trailer also incorporates a 750 litre food grade water storage tank.



### Applications

With a system that is highly customisable to meet specific customer requirements and easy to set up and transport, the mobile water trailer meets the needs of the following industries:

- Construction and Mining
- Exploration and Environmental Surveying
- Emergency Services and Disaster Relief
- NGOs and government departments
- Armed Forces.

### Quick facts

- Four Konia Water KA 9000WG atmospheric water generators as standard
- Up to 400 litres of purified water per day (at 32°C and 85% relative humidity)
- 750 litre food grade holding tank
- 200 litre diesel tank provides five days continuous use (one litre of diesel produces 6 to 10 litres of water)
- Dual power options
- Customised trailer options capable of up scaling to 800 litres per day
- Water filtration systems exceed Australian Drinking Water Standards (ADWS).

## WATER from AIR technology

Konia Water's WATER from AIR technology literally makes water from air. Konia has been able to harness Mother Nature's own source of pristine and pure water by extracting any harmful contaminants.

The air is drawn through an electrostatic and carbon air filter and is continuously cleaned before being condensed into pure water by passing via a Konia Water KR104 filter system.

The filter system incorporates a four stage water filter set, including sediment, pre-carbon, ultra and post-carbon filters. The Konia filters will filter water down to 0.01 microns, removing bacteria, contaminants, metals and chemicals.

The water generators are manufactured in South Korea in Konia Water supervised facilities which are certified to the International Safety Standard ISO9001:2000 and KS A 9001:2001.

## Trailer and power generation

The trailer is manufactured in Brisbane, Australia using the highest quality components to meet the heavy duty needs and challenging terrain of the product's likely areas of deployment.

The trailer system includes Crommelins 6.9KVA generators, 9.4hp SUBARU, 5,500 watts, a heavy duty roll frame, twin plugs and electric start.

Additional customisations are available to choose from, including a dual-axel fitted with eight Konia Water KA9000WG atmospheric water generators. This would provide up to 800 litres per day at 32°C and 85% relative humidity.

Excess power can be used to run other applications such as lighting, and an additional tap outlet and pump allows a hose to be fitted for other purposes.



## About Konia Water

Konia Australia Pty Ltd trading as Konia Water develops, manufactures and markets worldwide, new and innovative water filtration products to provide pure drinking water.

Konia has been manufacturing quality water filtration products including "WATER from AIR" or atmospheric water generators (AWG) for the past 12 years and continues to be a global leader in the development of this technology. Konia is dedicated to pure water innovations and owns patents for its air to water dispenser units.

Konia Australia was awarded an ISUS grant in 2006 from the Queensland State Government for the continued development of air to water technology, a partnership that continues to produce strong results with two new "WATER from AIR" models released to the market in 2008.

Konia Australia uses NATA (National Association of Testing Authorities) Accredited Laboratories for all of our on-going chemical, electrical, and biological testing programs to fully support and validate our products.

## Contact us

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