

aquapax

1000 LITRE WATER POD

Product Data Sheet & Operating Instructions



Made in Western Australia

PRODUCT DATA

The Aquapax 1000L water unit is ingeniously designed for ultimate water protection and convenience. Enclosed within a robust octagonal cardboard outer casing, it houses a scientifically engineered inner-liner barrier bag. This inner liner is meticulously crafted to shield the encapsulated water from potential environmental contaminants, ensuring its freshness and purity.

This adaptable unit can be seamlessly integrated into various site infrastructures as it can be plumbed into crib rooms or other on-site structures as a high-quality drinking water source. The AP1000 water pod serves as a modular component, forming a vital part of a comprehensive on-site safe drinking water solution.



Key Features

Bag-in-Box Technology: Our innovative bag-in-box technology maintains the water's freshness for up to 2 years, reducing the need for constant monitoring.

Environmentally Friendly: Reduce your carbon footprint by using the Water Pod, which cuts plastic waste by up to 80% compared to traditional bottled water and reduces transportation emissions by up to 50%.

Quality Assurance: Aquapax operates a HACCP-certified facility, ensuring the highest standards of quality and safety. Our water undergoes rigorous testing in a NATA-certified laboratory, guaranteeing its purity and compliance with Australian standards.

Site-Ready: Designed for easy installation and immediate use, the Water Pod is site-ready, eliminating the need for complex setup or infrastructure modifications.

Flexibility and Scalability: From single-pod setups to multi-pod systems, the Aquapax Water Pod offers flexibility and scalability to match your specific requirements, ensuring a tailored solution for your hydration needs. Quickly expand your water supply as needed.

Modular Design: The Water Pod's modular design allows you to customise your hydration solution. It can function as a standalone unit or integrate seamlessly with existing infrastructure.

Specifications

- **Volume:** 1000 Liters
- **Dimensions:** Standard pallet size: 1165mm (L) x 1165mm (W) x 1180mm (H)
- **Weight:** 1090kg
- **Outlet Connection:** 20mm (3/4") BSP/NPT
- **Installation:** Plug-and-play, direct connection to potable water plumbing systems.
- **Storage:** Weatherproof outer layer - protected storage will optimise packaging performance.
- **Recyclable:** Yes

Benefits

- Provides a sustainable and dependable bulk drinking water source for your workforce.
- Reduces plastic waste and transportation emissions.
- Ensures the highest quality, safe drinking water.
- Easy setup and use, suitable for various industries.
- Scalable and modular design for customisation and expansion.

Approvals and Compliance

Material Approvals: All Water Pod components in contact with drinking water have been approved for use in Australia.

Liner Bag Compliance

- AS 2070-1999 - Plastic Materials for Food Contact Use
- FSANZ - Australian and New Zealand Food Standards Code
 - Standard 1.4.1 – Contaminants and Natural Toxicants
 - Standard 1.4.3 – Articles and Materials in Contact with Food

Liner Bag Construction

- **Typical Application:** High barrier for oxygen-sensitive liquids and foods, hot fill, chilled.
- **Outer Layer:** Metallised Polyester Blue
- **Product Contact Layer:** Linear Polyethylene - Hot Fill up to 85 °C (185 °F) – High Flex – BPA-free

Outlet Ball Valve Compliance:

- AS/NZS 4020 - Testing of products for use in contact with drinking water.

Certifications

- HACCP Certified Production Facility
- Each batch is tested for pathogens by the WA Department of Health / PathWest Water Examination Laboratory WA, an Independent NATA-accredited laboratory. Certificates of analysis are available on request.

Typical Water Profile

Aquapax ensures the WA spring water filling our products is packed with natural magnesium, calcium, sodium, and potassium, ensuring optimal hydration efficiency.

TYPICAL LABORATORY ANALYSIS

Bicarbonates	15 mg/l
Sodium	26 mg/l
Calcium	1.9 mg/l
Magnesium	3.1 mg/l
Potassium	1.1 mg/l
PH	6.1

OPERATING INSTRUCTIONS

The Aquapax 1000L Water Pod can be easily connected to any potable water system, such as a site office, crib room, or caravan, just like traditional water tanks. You can also link multiple pods together to increase the capacity of the system.

Recommended Equipment:

- Constant pressure pump
- Food-grade hose
- Food-grade pipework

Before You Begin:

Ensure that all components that will come into contact with the drinking water are "food grade" and comply with the relevant standards. This includes the pump, pipework, and hose connections.

Step 1: Pipework Preparation

1. Ensure that the pump and pipework are comprised of suitable "food grade" components.
2. Install a food-grade non-return valve between the pump and the pod outlet to prevent backflow into the pod.
3. Sanitize the pipework:
 - Use a food-grade chemical sanitiser suitable for the piping materials (avoid harsh chemical cleaners that may affect water taste).
 - Run the sanitising solution through the pipework before connecting it to the pod and allow the recommended contact time.

Step 2: Connecting the Pod

1. Place the Aquapax 1000L Water Pod in the desired location.
2. Release the ball valve from its loosely wrapped plastic.
3. Remove any white cable ties from the ball valve handle.
4. Remove the ball valve bung.
5. Connect the pod to the potable water system via the 20mm Water Pod outlet.



Step 3: Disposing of the pod

1. When the unit is empty, it needs to be disposed of - **it cannot be refilled**. It will be very light once empty and can be dismantled with ease. The constituent parts are a timber pallet, cardboard and some plastics – all parts can be recycled.

Additional Information

If you need assistance in designing and constructing a purpose-built system or have specific requirements, please get in touch with us. We're here to help!

Contact Us

For all inquiries, please contact:

- Phone: (08) 6237 3231
- Email: info@aquapax.com.au

Disclaimer

The information provided in this product data sheet is subject to change without notice. Please refer to the most recent product documentation for the latest specifications and details.