



Product Info

AquaPod is an ultra-portable water filter that contains microporous activated carbon derived from palm kernel shell. AquaPod helps in the removal of pesticides, bacteria and microorganisms and also produce odourless and colourless tap water for daily usage.

Choose your next drip with



AquaPod was founded in September 2021 to aid in the improvement of Malaysia's water quality. The company's strength comes from its members' expertise in designing a **green production of value-added products** from waste biomass, which provides dual environmental benefits by preventing pollution and improve waste management. AquaPod has excellent adsorption properties, which performs **three times better** than conventional filter. It is **compact, portable and generally fit all faucet**. The use of activated carbon synthesised from natural materials as the main ingredient in AquaPod is a patent-protected study conducted by researchers from the Biopolymers and Derivatives Laboratory (BADs). By combining all of AquaPod amazing properties could heralds a new era in the **water purification industry** for the development of biomass-derived carbon.

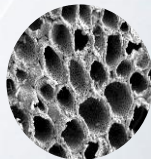
IMPACT OF THE PRODUCT



- Detachable and washable filter
- Long service life : 3 - 6 months
- Ease of installation
- Reasonable and affordable cost
- Suitable for the B-40 group

INTELLECTUAL PROPERTY

80% of the total pore ratio was occupied by the micropore



Patent (PI 2019004543)

A method for enhancing micropores for an activated bioadsorbent.

CONTACT INFO

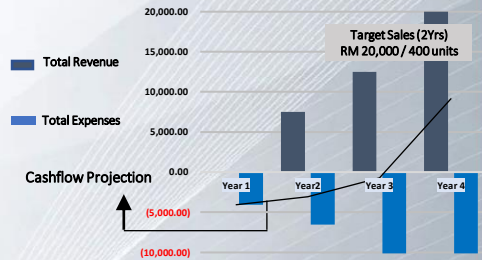
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🌐 <https://advancebiomass.wixsite.com/activatedcarbon>

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MARKET VALIDATION ACHIVEMENT

TRL 6 - Prototype demonstration in a relevant environment



GRANT AWARDED/ AWARDS

Environmental And Green Technology Small Grants

A total of 500 units of AquaPod will be distributed to residents in the Klang Valley,

Silver Medal



ITEX 2022

The Marketplace for Invention & Innovation

NEXT MILESTONE

Fund Raising for Prototype Building

Consistent product quantity of palm kernel shell **MICROPOROUS** activated carbon with the batch mode technology that produce from different batch at production rate **100 kg per day**

Batch-Mode Production



ADVANCE BIOMASS

