

phase2 Water Purifier for industrial processes

Are your profits evaporating through an inefficient water purification system?



Have you stopped to think just how much electricity or H₂O your water purification system wastes? Or the cartridges and membranes that continually need replacing?

These operating costs could be chewing tens of thousands of dollars out of your bottom-line each year. That's because many water purification systems are based on outdated technology. Your distiller, deionizer, filter or reverse osmosis system is a culprit.

Luckily there's *phase2* to slash your water purification costs. Using technology found in large water purification systems, *phase2* brings efficiency to a smaller scale. The result? Staggering cost savings and reliable, consistent high purity water.

Imagine your business saving thousands of dollars every year. You're the hero! Go on, we'll help you make the change...

Cost-efficiency saves money.

Normal distillers guzzle thousands of \$ worth of electricity and water each year. Deionizers, filters and reverse osmosis systems chew up money with expensive cartridges and membranes continually needing replacement.

phase2 uses just 14% of the electricity needed by a normal distillation system, and wastes 90% less water. It's thanks to the unique, built-in energy recycling system. *phase2* also cuts through consumables and maintenance costs while extending lifespan using just a few inexpensive preventive filters.

Consistent and reliable water quality.

Filters, reverse osmosis membranes and deionizers deliver variable, degrading water purity as time goes on. They become clogged or weakened, or worse, bacteria colonies can begin to grow on the filter media.

You avoid these hassles with the vacuum distillation technology of *phase2*, because distillation physically separates pure water from contaminants. With consistent high purity water, your industrial process becomes less variable and higher quality.

A system that grows with your business.

It makes sense to plan for the future. That's why *phase2* is modular. Each BaseStation can support three Distillation Modules. Buy modules upfront for immediate capacity, or buy in future as your needs grow.

It's a growth-path, and it helps lower your capital expenditure. Only pay for the capacity you need right now, and add low-cost modules when your consumption increases. It's smarter than spending a fortune on a new water purification system each time you expand!

Case studies from the real world.

Where would you use *phase2*?

- Rinse water for washing and cleaning
- Contaminant and catalyst recovery
- Surface preparation and treatment
- Food and beverage preparation
- Metal processing and plating
- Wastewater concentration
- Battery and radiator water
- Glassware manufacture
- Cosmetics manufacture
- Chemical blending
- Oil separation
- Other industrial processes

More advantages of *phase2*.

- ✓ Easy PNP installation: Just plug it in, prime the tanks, and switch on.
- ✓ Walk away and forget about it. Automatic control takes care of itself - 24/7, 365.
- ✓ No accessories, pumps, or tanks to buy: all-in-one and self-contained.
- ✓ Strong, durable and lightweight. Aluminium frame & BHP Colorbond construction.

Long lifespan, always reliable.

- ✓ Highest quality, pre-tested. Proven Australian quality and reliability.
- ✓ Instant help always available. Lifetime phone or email support.
- ✓ Peace of mind. One year manufacturers warranty.

You can't produce a fluorescent lamp without pure water. Before the glass is coated with phosphor powder, it is rinsed to remove surface contaminants. One manufacturer in Foshan, China decided to improve the quality of phosphor coating by using pure water. With our system providing 200 litres every day, they achieve consistent high-quality coatings with pure, cost-effective water.

An Australian vanilla essence producer required pure water to mix with their new food product. Our water purification system works seamlessly and automatically with their process, to help produce some of the best vanilla essence in the world.

Find out more...

For information on the *phase2* water purifier, or to discuss your needs, contact H2AU directly:

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