



Trident

Aquaculture Heaters & Chillers



Toyesi Pty Ltd.
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PAS – Process Air Handling System

Internal Tropicalised Environmental Conditioning System

Are you frustrated because of your current split system air-conditioners breaking down, rusting electronics, shorting out, all due to high condensation and room moisture?

- Rusting components
- Mildew & mold buildup
- Constantly changing circuit boards
- Water damaged wiring and parts.
- Not able to maintain ideal temperatures
- Constant downtime
- Large service and maintenance bills due to frequent ongoing service needs.



If you answered “Yes” then Toyési may have the solution for you.

Process Air System (PAS)

Internal Tropicalised Environmental Conditioning System

Toyesi has been known for it’s water handling, heating and chilling capacity for nearly 30 years.

Through the invent of our PCVER System designed to provide Process Circulation, Dehumidification, Energy Recapture and reuse of not just water but of air supply as well.

We were able to utilise the lessons learnt from our PCVER System to give life to our New Range of Process Air Handling Systems or PAS Units.

Our PAS Units have eliminated or significantly reduced and addresses most of the issues associated with Wet Room Air Conditioning and can suit a variety of applications including:

PAS Units Applications:

- Wet Rooms
- Aquaculture Spaces
- Wash Down Bays
- High Humidity areas
- Back rooms in Aquariums
- Cool Rooms
- Science or research labs



Features & Benefits

PAS Units are genuine commercial grade Air Handling Systems and not just not Air-Conditioners.

With critical components kept well away from the internal space, the PAS Units can maintain a wet and humid environment, utilising advanced reverse cycle heating and cooling technology to economically maintain the internal environment without all the headaches and maintenance issues.

Other features and benefits include:

- **Space Dead Band temperature control**
- **Reverse Cycle Air heating and chilling**
- **Remote Digital Controller**
- **Packaged or Split systems**
- **Suits high condensation areas**
- **Electrics outside and not effected by internal moisture build up.**
- **Long Lifecycle** – designed to outlast traditional air-conditioners in damp, humid or wet areas.
- **Variety in Sizes** – With various sizes to suit most applications.
- **Easily Serviced & Readily available parts**
- **Auto Temperature Equalizer System**



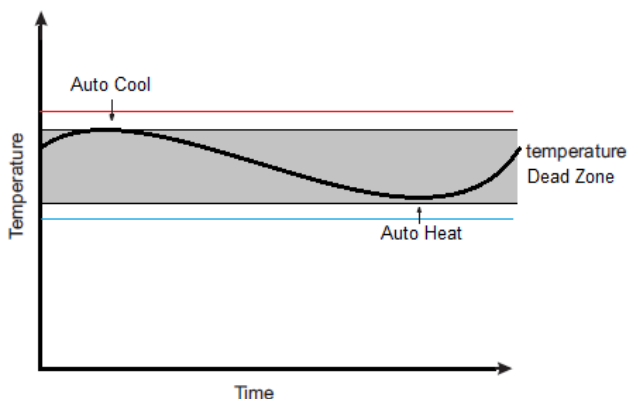
Who we are –

Toyési Pty. Ltd. has been instrumental in the design of commercial Heat Pumps & Chillers servicing the Pool & Spa and Aquaculture markets since 1989.



When it comes to aquaculture heating or chilling, you can trust Toyési has the ideal system to suit your application. Innovative and versatile, and easy to install and simple to maintain.

There is no substitute for product life cycle



Temperature Dead Band Zone Control



Toyési's Company Mission Statement

*To offer a true "Green" solution by designing and building Heat Pumps and Chillers that are **Energy Efficient**, reduce demands on natural resources, reduce operating costs, have a **long life-cycle**, **easily serviceable** for the life of the equipment, where possible use **no plastic components**, making the equipment as close to **100% recyclable** as possible, and thus also **significantly reducing land fill**.*

