



oceania
SOLUTIONS GROUP

Tropical Environments

HVAC solutions for high humidity
and coastal environments





Your projects, challenges and requirements are our focus. We have a dedicated team that can engineer tailored solutions for your commercial HVAC application.

Oceania Solutions Group is an Australian owned business that focuses on providing engineered HVAC solutions. We value the importance of relationships with our clients and partners. Our team enjoy collaborating and solving complex 'design and construct' projects for your business with our product solutions.

Oceania Solutions Group are proud of our extensive portfolio and experience within HVAC industry. From industrial applications through to commercial air conditioning installations for tropical and high humidity environments.

Operating throughout Australia, New Zealand and the South Pacific Islands, we provide engineered technical data and commercial support for a wide range of HVAC solutions.

Our experienced team of HVAC professionals work hand-in-hand with market leading suppliers of HVAC solutions and equipment.

With international accreditation from Eurovent, CTI, AHRI, TÜV and AMCA, our products are rigorously tested and certified, meeting Australian and New Zealand standards and regulations.

Partnering with trusted international suppliers, we are available to provide an engineered solution for your next project.



Solutions for Tropical and Humid Environments

Our range of equipment can provide the following benefits for tropical climates.

We understand the concerns you have about HVAC equipment in tropical and humid environments.

Corrosion and rust, condensation and hygiene are all a major focus for projects in tropical areas, as they cause long term issues when it comes to maintenance and the lifespan of your equipment.

The solutions we provide for these issues have been researched, tested and have proven performance in your climate. We have equipment that is independently tested and certified, and are fit for purpose for tropical and humid environments.

This brochure is a guide to provide you with information on how our uniquely wide portfolio can assist you, and be packaged up.

[Click here to be sent more information on our range](#)

Benefits:

T1

Thermal Transmittance

TB1

Thermal Bridging



Corrosion Free



Hygienic



Certified Performance



Composite Air Handling Units

Oceania Solutions Group provide a sustainable and maintenance free composite air handling unit. The composite units are designed so that corrosion of the casing construction is impossible. They are also approximately 40% lower in weight when compared to metal construction air handling units, making this a genuine alternative solution.

The Liberty range is Eurovent certified T1/TB1.

This complete air side solution is suitable for all environments that are corrosive in nature, from coastal environments through to retro fit solutions where weight is a major factor.



Benefits:

TB1

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T1

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LIBERTY

Composite Air Handling Units



Benefits:

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Heat Recovery Units

Our heat recovery units provide comfort, healthy indoor climates, efficiency, productivity and are high quality, reliable products.

The Komfovent plug n play solution offers a wide choice of control functions, already included as standard features.



komfovent[®]





Air Handling Units

Our range of innovative, reliable and environmentally friendly air handling units are already proven in tropical and humid environments.

Robust enough to withstand even the harshest of coastal conditions, our air handling unit range are engineered specifically for the Oceania region, provide unequalled flexibility and come with independent certifications and additional benefits.

With unparalleled options, we have the air handling unit solution for even the strictest criteria, in the toughest of tropical and humid conditions.

Benefits:

TB1

Thermal Bridging

T1

Thermal Transmittance



Corrosion Free



Hygienic



Certified Performance



euroclima
We care for better air



Chillers

Oceania Solutions Group have access to a range of chillers that are suitable for, and have the corrosive protection required to perform in tropical environments.

Eurovent certified options are available, with chillers engineered and designed to operate effectively and efficiently in HVAC chilled water, process and sub zero applications.

Chillers can be supplied complete with high level interface controls, which is ideal for monitoring with a dedicated and stable temperature output.



IceBox

Our Malaysian partners use and promote the newest technologies for our IceBox portfolio of air handling units, fan coil units and energy recovery units.

Engineered specifically for the Oceania region, the IceBox portfolio is designed for all applications and built to comply. The range boasts reliability, flexibility and innovation with maximum efficiency and additional features and benefits that are included as standard.

Already proven in tropical and humid environments, the IceBox portfolio is robust enough to withstand even the harshest of coastal conditions.





Air Curtains

Used as a cost effective measure to prevent insects, pollution, germs and viruses from entering buildings, WING air curtains are available in cooling, heating and ambient options.

With EC fans, the refined design ensures stable and quiet operation of the device, guaranteeing comfort for room users.

Simple cleaning of the curtain, double protective coating and efficient and durable EC motor ensure trouble-free operation of the device.

WING combines the unique design and excellent efficiency to redefine the air curtain image.



Hydronic Fan Coil Units

Meet the hydronic fan coil unit range that provides heating, cooling, purification and dehumidification all in one. The sleek and stylish design captures all these functions in four types of units; high wall, floor standing, bathroom and low bodied.

At 12cm deep, the Reverso 361 series is 10% thinner than any direct competitors and perfect for any commercial, industrial or residential space, including wet rooms, bathrooms and small areas.

These units come in a range of sizes and are available in stainless steel and gloss white, have Wi-Fi controls, DC inverter technology, low power consumption (only 4 Watts) and are easy to install and maintain.

Our Solutions Partners

Aeris Environmental

Oceania Solutions Group are a platinum partner with Aeris Environmental for a whole system approach to ensure HVAC&R systems perform better, last longer and cost less to run.

We offer AerisGuard Corrosion Protection Plus to provide protection in highly corrosive environments such as coastal, high salt, tropical locations that can reduce the effective life span of air conditioning and refrigeration equipment.

Coatings can be adapted to ensure the right solution is provided for the environment it will be operating in.

Aeris Environmental hold independent validation and certification from NATA, HACCP, NSF and Ecospecifier.



Steril-Aire

Steril-Aire sets the standard for UVC for HVAC. Numerous studies have shown that the HVAC system is an amplifier, reservoir and transportation mode for mold and bacteria throughout a building.

These biologicals have also been linked to hospital acquired infections as well as Sick Building Syndrome and allergy and asthma triggers.

Steril-Aire UVC solutions are independently verified to outperform the competition in the demanding environment of a HVAC system. Steril-Aire UVC Emitters deliver the highest output in the industry—9 microwatts per linear inch of glass measured from a distance of 1 meter—independently tested at an air velocity of 400 feet per minute at 50° F.

Steril-Aire HVAC surface and air solutions deliver up to six times the output of other UVC devices, have up to double the product life-cycle, and consume less energy. Oceania Solutions Group are proud to be partnered with Steril-Aire for a quality HVAC solution.

Recent projects

Sheraton Fiji
Resort
Denarau Island



Carpenters Tower
Suva



Fiji Airways Aviation
Centre
Nadi



Nadi
Police
Station



Pacific
House BSP



Lautoka
Police
Station



ENGINEERED
HVAC SOLUTIONS



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For more information on our latest projects, visit www.oceania-group.com

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