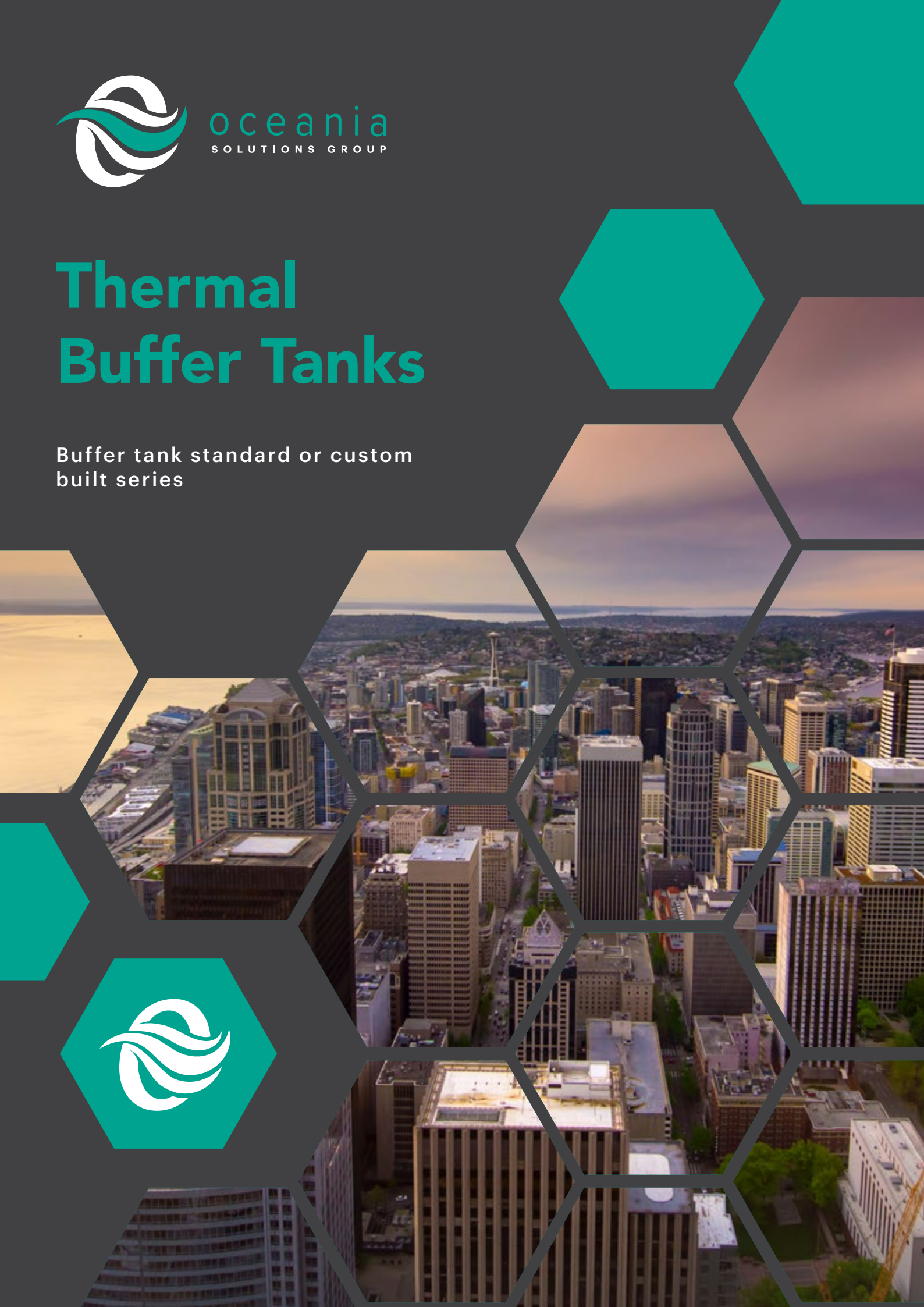




oceania  
SOLUTIONS GROUP

# Thermal Buffer Tanks

Buffer tank standard or custom  
built series





## **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.





## Installed buffer tank



*Oceania Solutions Group supply thermal buffer tanks manufactured for heating and chilled water commercial applications. Available in both mild steel and stainless steel, a buffer tank is designed to reduce chiller or boiler short cycling.*

Buffer tanks are used in systems operating below the design load condition, which is most of the time, or in systems having several low kW cooling or heating loads calling at different times. This can cause the chiller or the boiler to short cycle, resulting in reduced operating efficiency and shorter equipment life.

Our thermal buffer tank series includes a standard range as well as a custom built range. Tanks can be manufactured from mild steel or stainless steel construction with or without insulation, and are available in a range of capacities.

## Features and benefits of Thermal Buffer Tanks:

Mild Steel or Stainless Steel

Rated to 750Kpa Working Pressure, Design 1,125KPa

Bolted Inspection Cover (ABM-500 to ABM-2000)

100mm Med Density Poly Foam Insulation  
(ABM-3000 to ABM-5000 is 50mm)

Soft Vinyl or Metal Cladding option

Flange Connections (four alternative positions)

Internal Baffle Sparge Pipe

AS1210 compliant tanks available

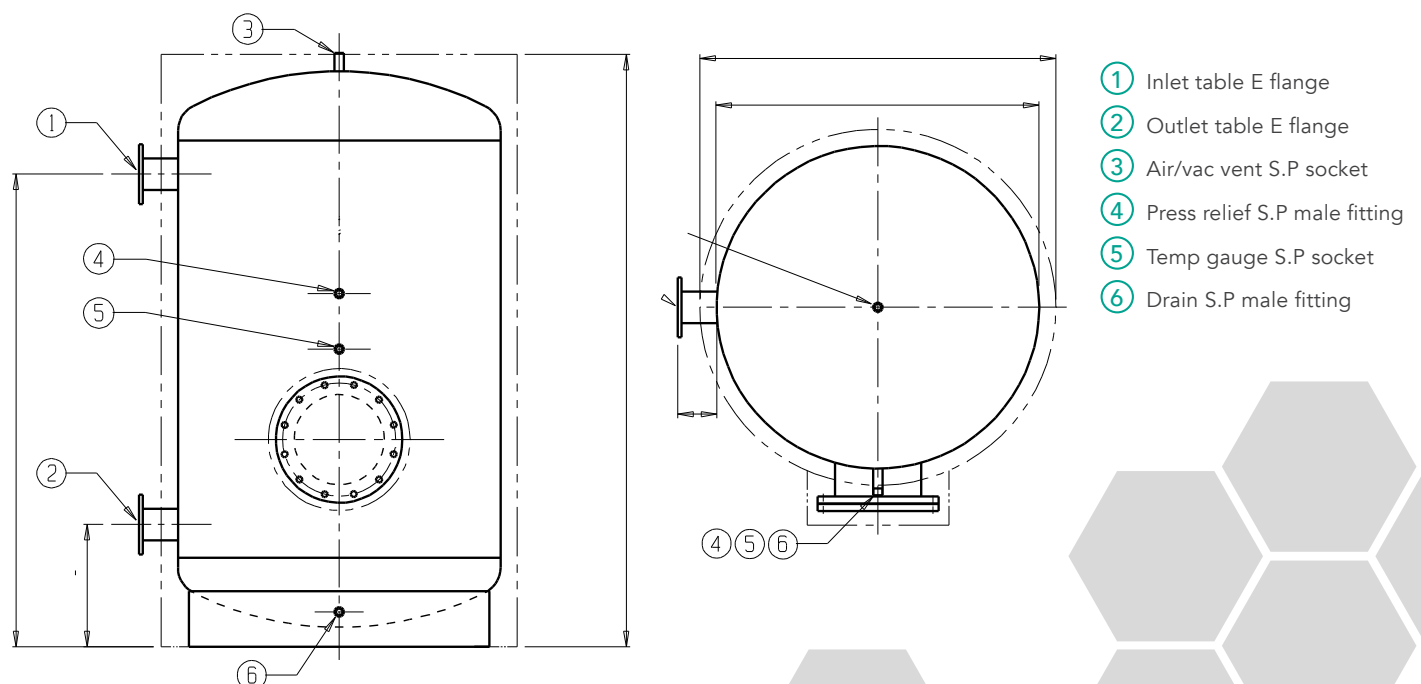
## Thermal Buffer Tank Standard Range:

- OSG-BTM-250 (250 ltr)
- OSG-BTM-500 (500 ltr)
- OSG-BTM-1000 (1,000 ltr)
- OSG-BTM-1500 (1,500 ltr)
- OSG-BTM-2000 (2,000 ltr)
- OSG-BTM-3000 (3,000 ltr)
- OSG-BTM-4000 (4,000 ltr)
- OSG-BTM-5000 (5,000 ltr)

Custom tanks built to specification also available  
Custom sizes up to 40,000 L available on request

Tank	Flange (mm) Standard Options	Height (mm)	Width (mm)	Weight (empty) (kg)
OSG-BTM-500 OSG-BTS-500	80/100	1965	790	150
OSG-BTM-1000 OSG-BTS-1000	80/100	2185	1000	270
OSG-BTM-1500 OSG-BTS-1500	100/125	2040	1250	450
OSG-BTM-2000 OSG-BTS-2000	100/125	2580	1250	615
OSG-BTM-3000 OSG-BTS-3000	100/125	2580	1450	825
OSG-BTM-4000 OSG-BTS-4000	125/150	2900	1600	1085
OSG-BTM-5000 OSG-BTS-5000	125/150	2900	1800	1270

## Technical drawings



## Recent projects

Mercato on Byron  
New South Wales



4 Murray Rose  
Sydney  
New South Wales



Woolworths  
Chermside and  
Woolworths  
Rockhampton



Hope Island  
Shopping Centre  
Queensland



Westfield Coomera  
Shopping Centre  
Queensland



Brisbane Private  
Hospital  
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