



Cooling Towers

Product Profile

The MESA logo is a teal hexagon containing the word "MESA" in white, bold, uppercase letters.A photograph of industrial cooling towers with stainless steel piping and structural frames, set against a clear blue sky. The image is partially obscured by a dark grey hexagonal pattern.



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.

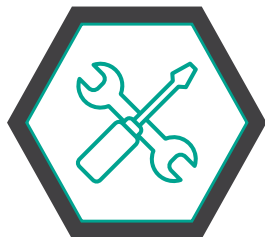
Partnering with trusted international suppliers, we are available to provide an engineered solution for your next project.

Welcome to MESAN USA

MESAN's focus on engineering, research and development, quality control and excellent customer service has been recognised by the ISO. MESAN was awarded the ISO-9001-2008 certificate and CTI, which issued the CTI-STD-201 performance certification. All these attributes make a powerful combination that drives the MESAN brand forward. With several patents granted, MESAN will continue striving to deliver new environmentally-friendly technologies and energy-efficient products for the global markets.

You can trust MESAN with all of your evaporative cooling needs.

Available software



**Selection
software**



**Energy
efficiency
payback
calculator**



**Hydronics
calculator**



**Water usage
calculator
v2.0**



**NPSHa
calculator**

Manufacturing and support

MESAN's state of the art ISO-9001 certified manufacturing facility located in Dongguan, China is comprised of five different manufacturing facilities as well as an extensive group of support departments, including:

MESAN manufacturing facilities

- **Heavy steel workshop:** where structural components and sub-assemblies are fabricated
- **FRP workshop:** where all hand laid fiberglass components are manufactured
- **HDF workshop:** where the proprietary high-density fiberglass components are manufactured
- **Fans workshop:** where all fans are manufactured, using the latest CNC machining technologies
- **Sheet-metal workshop:** a new building, housing state of the art CNC punching presses and machinery for manufacturing steel towers

MESAN support departments

- CTI accredited R&D laboratory and testing centre
- QC laboratory
- Engineering department
- Service and after sales division
- Training auditorium

Production capacity:
1,000,000 tons / year

Workforce:
340 employees

Building area:
600,000 ft²

Certifications

MESAN's focus on engineering, research and development, quality management and customer service has been recognised by important international organisations such as ISO-9001-2008 certification. MESAN are CTI certified, and have been issued the CTI-STD-201 performance certification. All these attributes make a powerful combination that drives consistent and steady growth for the MESAN brand.



For half a century the MESAN USA brand has become an industry leader in designing and manufacturing evaporative cooling equipment. MESAN products are designed with excellence always in mind. Thermal performance, energy efficiency, environmental consciousness and cost effectiveness are the goals of the research and development engineers, management and staff.

To support the MESAN range, Oceania Solutions Group has trained in-house specialists offering a complete service from equipment selection and quotation to on-site commissioning with after sales back up.

Crossflow Induced Draft



MXR-KM

- 260-5,000 gpm capacity.
- FRP, SS304/316 and HDGS construction is available.
- 214 certified models.
- Self-balancing bottom inlet piping on models A1 to E3 to save on piping costs and installation time.



MST-1000

- 26-1,100 gpm capacity.
- Single air inlet with horizontal discharge.



MXL

- 560-2,200 gpm capacity.
- Low profile, designed for the urban environment.
- FRP, SS304/316 and HDGS construction is available.
- Improved resistance against high winds and seismic forces.
- MXL-IBC is rated for up to 160 mph winds (hurricane resistant).

Closed Circuit Induced Draft



MXC

- 200-1,012 gpm capacity.
- Stainless steel coils.
- Can be shipped in pre-assembled modules.



MST-7000

- 233-1,200 gpm capacity.
- Copper or stainless steel coils.
- Can be shipped in pre-assembled modules.

Counterflow Induced Draft



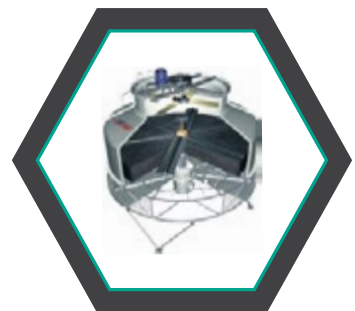
MCC

- 240-2,523 gpm capacity.
- FRP, SS304/316 and HDGS construction is available.
- Containerised for reduced shipping costs allowing for faster field assembly.
- Can be factory assembled.



MST-2000

- 352-4,400 gpm capacity.
- Smaller footprint.
- Can be factory assembled.
- Low energy consumption.



MKT

- 26-4,400 gpm capacity.
- Brass sprinkler heads.
- Best value (dollars per ton).
- Low drift model is available.

Recent projects

Westfield
Coomera
Queensland

Cairns Aquarium
Queensland

State Netball
Stadium
Northern Territory

Westfield
Newmarket
New Zealand

UOM Education
Precinct
Victoria

North Queensland
Stadium
Queensland

ENGINEERED
HVAC SOLUTIONS



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