

MD EVEREST®

Modular Counterflow Cooling Tower

Designed For Process Cooling Applications

MARLEY® 



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MODULAR COUNTERFLOW COOLING TOWER DESIGNED FOR PROCESS COOLING APPLICATIONS

MD Everest – An Advanced Counterflow Cooling Tower for Your Facility

The Marley MD Everest Cooling Tower deserves careful consideration for today's process cooling demands, including power generation plants, chemical, oil and gas plants and other process applications with a wide range of thermal loads. Whether designing a new plant or replacing an aging traditional site-constructed cooling tower, the MD Everest Cooling Tower's preconfigured counterflow modular design offers many advantages, including significantly faster delivery and installation, coupled with safer assembly processes, robust design and materials. Take cooling to a higher altitude with the Marley MD Everest Cooling Tower.

INDUSTRIAL-STRENGTH CONSTRUCTION AND MATERIALS

The MD Everest Cooling Tower's robust structure meets seismic and wind load requirements and is designed to meet the rigors of process cooling applications using heavy-duty, corrosion-resistant structural members, and Marley heat transfer fill and mechanical components:

- 5-year maintenance-free System 5 Marley Geareducer® gear drive
- Energy-efficient low-clog PVC heat exchange fill media
- Motor Outside Airstream (MOA) standard
- 5-year mechanical component warranty

PROTECTED HEAT TRANSFER MEDIA

The wet fill surfaces are totally enclosed, protecting them from exposure to sunlight to discourage algae growth.

MOTOR ACCESSIBLE OUTSIDE AIRSTREAM

The TEFC motor is located outside the fan cylinder where it is readily accessible for maintenance without confined-space access.

MODULAR DESIGN ADVANTAGES

The MD Everest Cooling Tower's innovative design speeds manufacture, delivery and installation.

CONSISTENT QUALITY

Because MD Everest tower modules are built and assembled in a controlled factory environment following strict manufacturing standards, the installation quality of the tower is consistently high.

ADAPTS TO VARYING WATER QUALITY

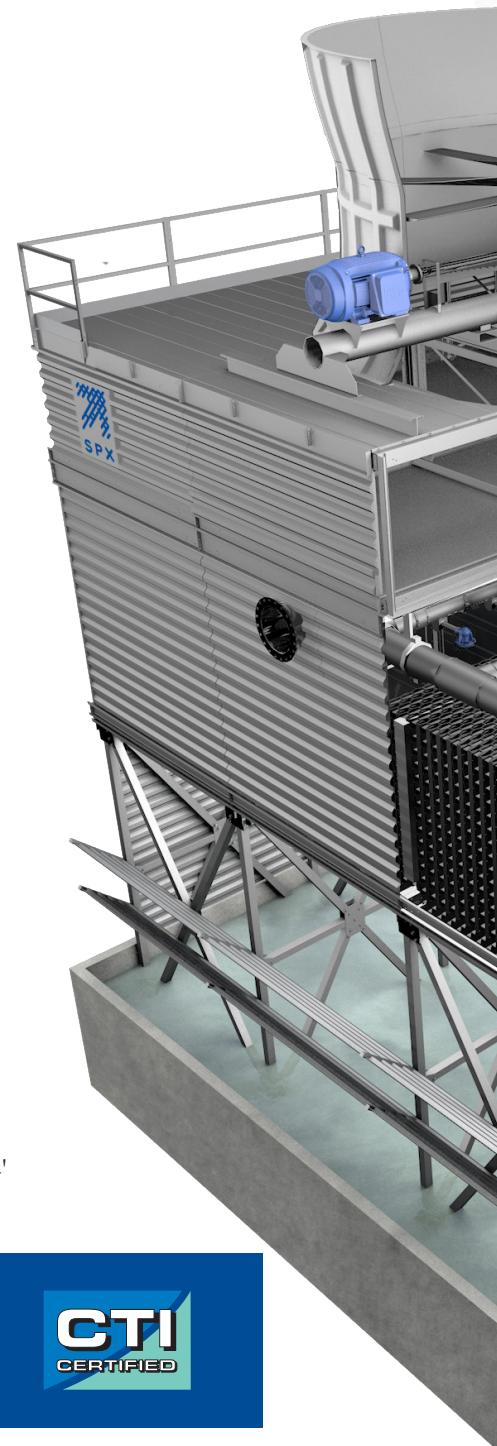
The MD Everest Cooling Tower can employ a range of fill types to accommodate various sources of water.

SCALABLE DESIGN

The MD Everest Cooling Tower's modular cell design is scalable, utilizing cells ranging from 24'x24' to 36'x36', based on project requirements.

CERTIFIED THERMAL PERFORMANCE

The MD Everest Cooling Tower is certified by the Cooling Technology Institute to meet thermal performance as specified and eliminates test site expense.





60% FASTER DELIVERY

Operations are up and running sooner because the MD Everest tower modules typically deliver to the site 60% faster than field-erected tower components.

80% FASTER INSTALLATION

The MD Everest Cooling Tower arrives onsite in pre-assembled modules which install in about 20% of the time required for site-constructed towers.

SAFER ASSEMBLY PROCESS

The modular design and simplified field assembly process reduce onsite labor and work duration for a safer work environment.

LOW DRIFT RATE

The MD Everest Cooling Tower achieves the lowest measureable drift, down to 0.0005 percent of circulating water flow, so less water escapes the tower.*

HIGHEST VALUE

The MD Everest Cooling Tower offers significant advantages compared with other counterflow towers, including unmatched cooling capacity, energy efficiency, fewer components, and lower maintenance costs.

**Compared with other leading manufacturers.*

MARLEY MD EVEREST PRODUCT PARAMETERS

Model	MD5030
Dimensions	L 30' (9.1m) W 30' (9.1m) H varies
Max Flow Rate	8702 gpm/cell (1976 m³/hr)
Max Water Inlet Temperature	140° F (60° C)
Drift Rate	Per industry standard, as low as 0.0005% of circulating water flow

ADDITIONAL MARLEY COOLING TOWER PUBLICATIONS

Access these publications and more information at spxcooling.com



Marley NC Everest*
Brochure



Marley MD
Brochure



Marley Products &
Services Brochure



Factory Assembled
Cooling Towers for
Power & Industrial
Applications

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