MD EVEREST®

Modular Counterflow Cooling Tower

Designed for HVAC and Industrial Applications

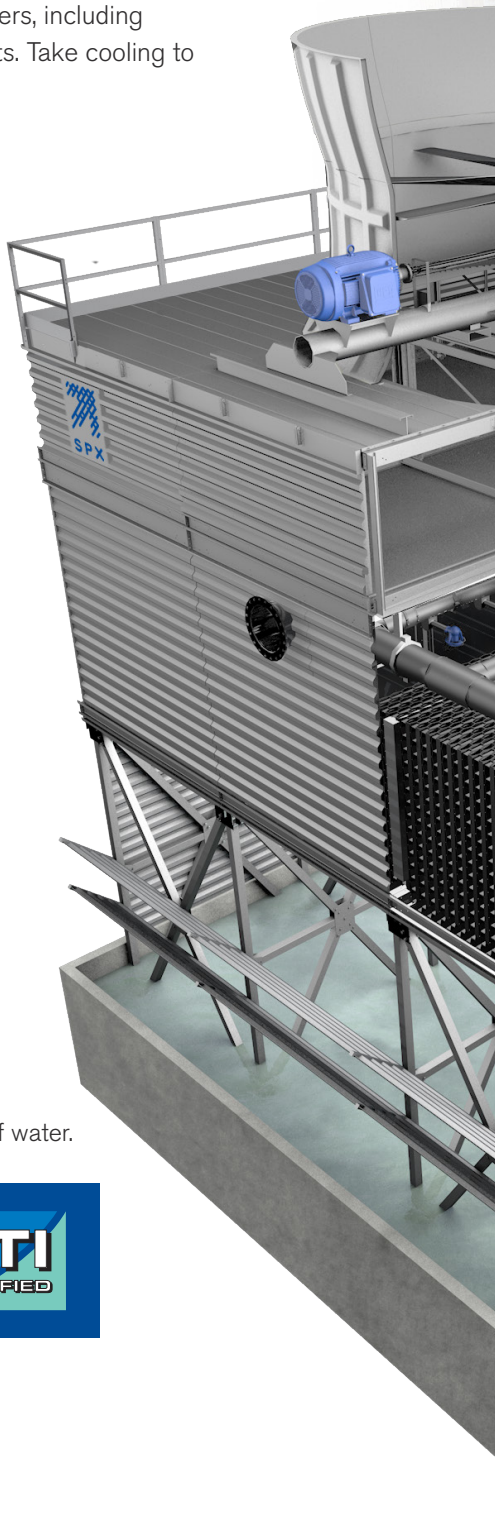
MARLEY®

Marley® MD Everest®

MODULAR COUNTERFLOW COOLING TOWER DESIGNED FOR HVAC AND INDUSTRIAL APPLICATIONS

MD Everest – An Advanced Counterflow Cooling Tower with Over 85% More Cooling Capacity*

When SPX Cooling Technologies engineers began their quest to design a new counterflow cooling tower, they were challenged to reach new heights in cooling performance. The result, the Marley MD Everest Cooling Tower, provides unparalleled customer advantages compared to other preassembled counterflow towers, including unmatched cooling capacity, energy efficiency, fewer components and lower maintenance costs. 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 HVAC and industrial 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.

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.

CTI CERTIFIED

**Compared to other single-cell, preassembled counterflow cooling towers.*

MD EVEREST

HIGHEST CAPACITY

The MD Everest Cooling Tower offers greater than 85% more cooling capacity per cell compared with other preassembled counterflow cooling towers. At 3790 tons, the MD Everest tower is an ideal one-to-one match for large chillers.

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 preassembled modules which install in about 20% of the time required for site-constructed towers.

INSTALLATION SAVINGS

The MD Everest Cooling Tower's design minimizes piping and electrical connections to reduce installation costs.

LOW DRIFT RATE

The MD Everest Cooling Tower achieves a low drift rate, 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.*

MD EVEREST

MARLEY MD EVEREST PRODUCT PARAMETERS PER CELL

Model	Tons*	Nominal Capacity	Maximum Flow Rate	Length	Width	Height
MD5030	2653	11663 kW	8702 gpm – 1976 m^3/hr	30 ft – 9.1m	30 ft – 9.1m	varies
MD5033	3023	13289 kW	10470 gpm – 2378 m^3/hr	30 ft – 9.1m	36 ft – 11m	
MD5036	3790	16676 kW	12602 gpm – 2862 m^3/hr	36 ft – 11m	36 ft – 11m	

*Based on 3 gpm/ton at 95°F HW/85°F CW/78°F WB, varies depending on configuration

ADDITIONAL MARLEY COOLING TOWER PUBLICATIONS

Access these publications and more information at spxcooling.com

Marley NC Everest Cooling Tower Brochure

Marley MD Cooling Tower Brochure

Marley Products and Services Brochure

Factory-Assembled Cooling Towers for Power and Industrial Applications

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