

# NC<sup>®</sup> EVEREST<sup>®</sup>

Factory-Assembled Crossflow Cooling Tower

Designed for HVAC and Industrial Applications

MARLEY<sup>®</sup> 



# Marley NC Everest

MODULAR CROSSFLOW COOLING TOWER FOR HVAC AND INDUSTRIAL APPLICATIONS

## INDEPENDENTLY-VERIFIED SOUND

The NC Everest Cooling Tower's sound level is independently verified, per CTI ATC-128, by a third-party certified acoustical engineer and CTI-licensed test agent.

## CERTIFIED THERMAL PERFORMANCE

The NC Everest Cooling Tower is certified by the Cooling Technology Institute to meet thermal performance as specified.



## FM APPROVED OPTION FOR MULTI-CELL APPLICATIONS

The NC Everest Cooling Tower is FM approved for use without a fire protection system in multi-cell applications to allow more affordable operation insurance.



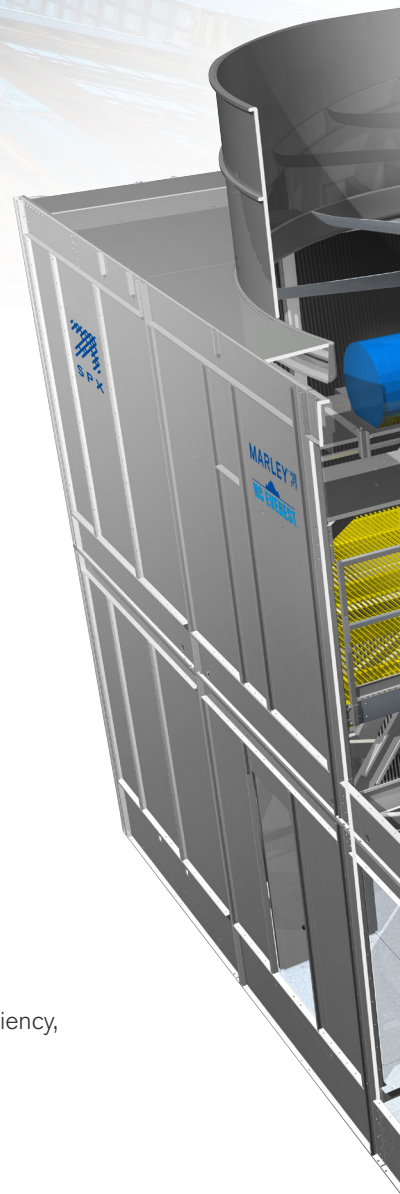
## ROBUST DESIGN AND MATERIALS

Built with industrial-grade materials and engineered to withstand the demands of HVAC and industrial applications, the NC Everest Cooling Tower features:

- Heavy-gauge steel structure, galvanized or stainless steel
- 5-year mechanical component warranty
- Rugged genuine Marley Geareducer® gear drive
- Energy-efficient PVC heat exchange fill media
- Integral louvers and drift eliminators for better water management
- Motor outside airstream (MOA) availability

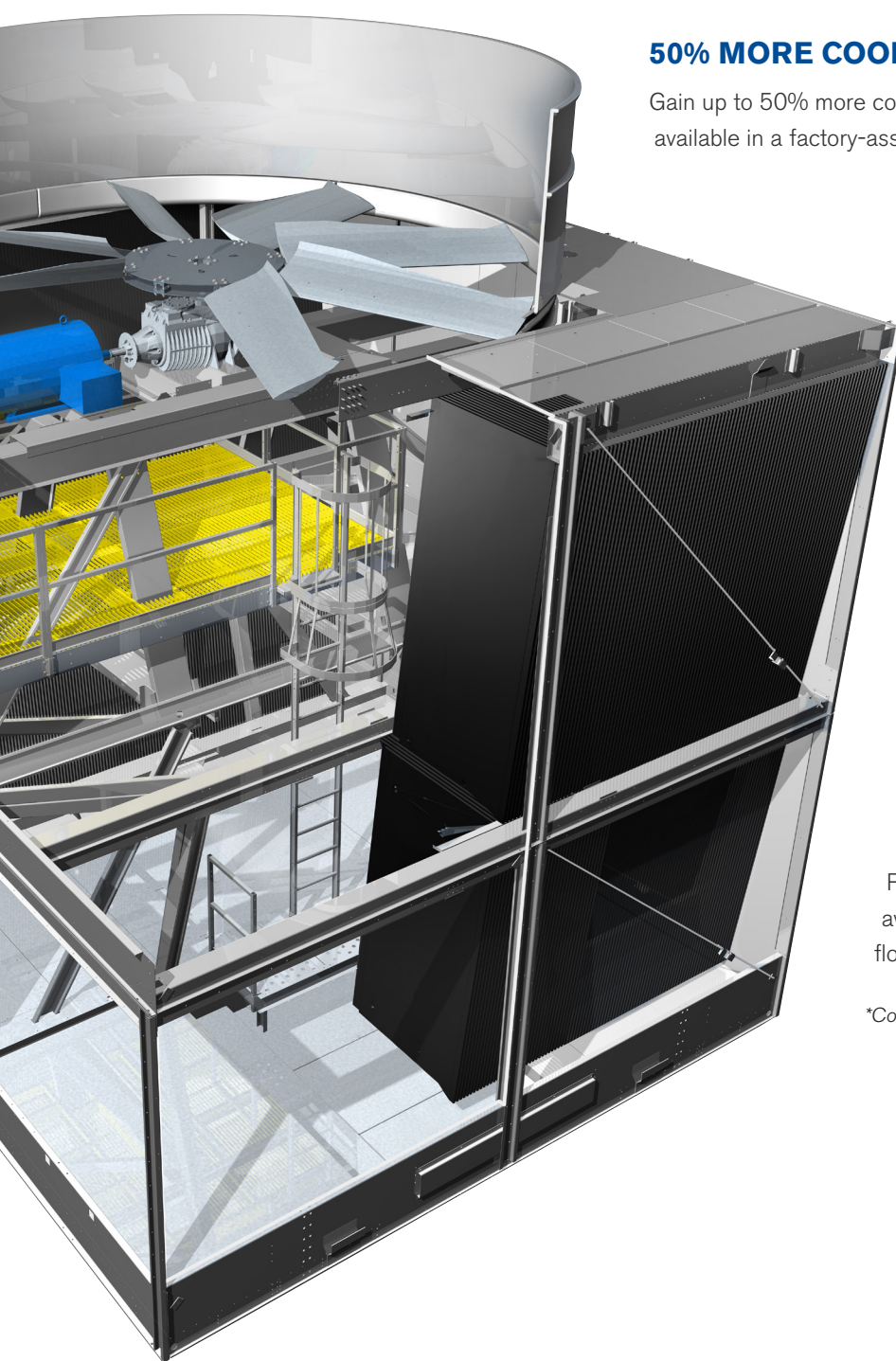
## HIGHEST VALUE

- The NC Everest Cooling Tower provides epic advantages, with unmatched cooling capacity, energy efficiency, fewer components and lower maintenance costs.



## NC Everest – A Remarkable New Cooling Tower with 50% More Cooling Capacity Using Up to 35% Less Fan Power\*

SPX Cooling Technologies embarked on a mission to design a cooling tower like no other in the world. The result, the Marley NC Everest Cooling Tower, provides epic **customer advantages, including 50% greater cooling capacity, higher energy savings, fewer components and lower maintenance costs.** Compared to other factory-assembled cooling towers, the NC Everest Cooling Tower takes cooling to a higher level:



### 50% MORE COOLING CAPACITY

Gain up to 50% more cooling capacity per cell and get the highest performance available in a factory-assembled cooling tower.\*

### HIGHER ENERGY SAVINGS

The NC Everest Cooling Tower uses up to 35% less fan power/ton of cooling\* to achieve higher energy savings.

### GREATER INSTALLATION SAVINGS

The NC Everest Cooling Tower's ambitious design minimizes piping and electrical connections to reduce installation costs.\*

### UNRIVALED ACCESS

7-foot high doors and interior service decks make inspections and maintenance easier and safer.

### LOWER DRIFT RATE

Patented MarKey® Drift Eliminators achieve the lowest available drift rate, down to 0.0005% of circulating water flow, so less water escapes the tower.\*

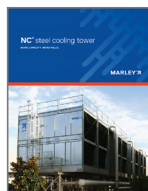
*\*Compared to other single-cell, factory-assembled cooling towers.*

## MARLEY NC EVEREST COOLING TOWER PARAMETERS

Model	8422
Cooling Capacity	1311–2189 tons (5763 – 9623 kW)
Dimensions	L 22'-5   W 29'-6   H 27'-1 (L 6.8m   W 9m   H 8.3m)
Maximum Flow Rate	7746 gpm (1759 m <sup>3</sup> /hr)
Inlet Water Temperature	Up to 160°F (70°C)
Snow Load	60 psf (290 kg/m <sup>2</sup> ) standard
Wind Load	50 psf (240 kg/m <sup>2</sup> ) standard
Sound Level	As low as 50 dBA
Drift Rate	Per industry standard, as low as 0.0005% of circulating water flow

### ADDITIONAL MARLEY NC COOLING TOWER PUBLICATIONS

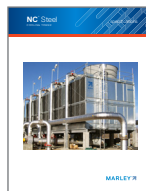
For additional information about the Marley NC Cooling Tower, access these publications at [spxcooling.com](http://spxcooling.com)



Marley NC Steel  
Cooling Tower  
Brochure



Marley NC Steel  
Cooling Tower  
Engineering Data



Marley NC Cooling  
Tower Specifications

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