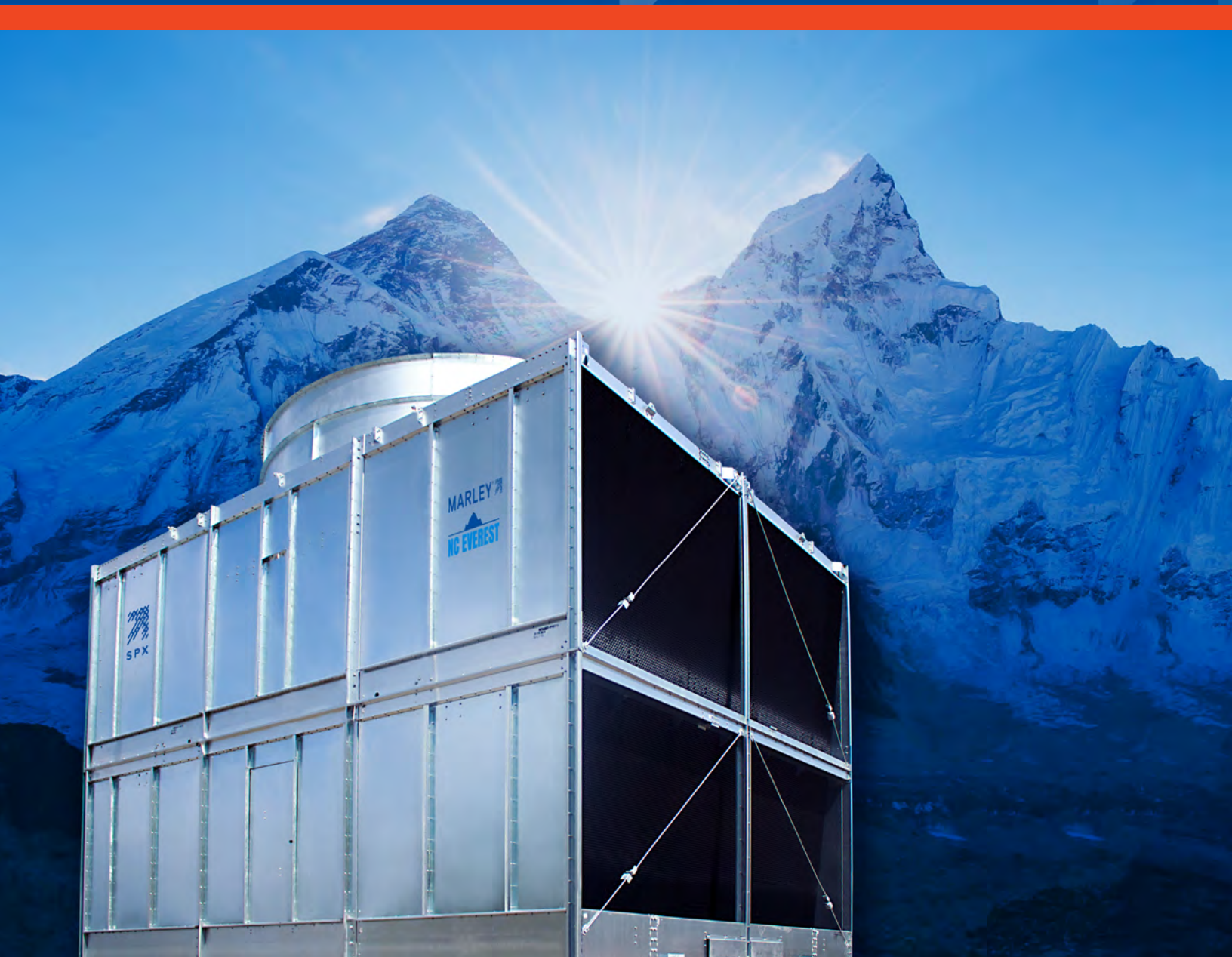


NC[®] EVEREST[™]

Designed For Heavy Industrial Applications

MARLEY[®] 



Marley NC Everest

PRE-ASSEMBLED COOLING TOWER FOR HEAVY INDUSTRIAL APPLICATIONS

NC Everest – A Remarkable New Cooling Tower for Your Facility

The Marley NC Everest Cooling Tower deserves careful consideration for today's chemical, oil and gas plants, power generation plants and other industrial cooling applications. Whether designing a new plant or replacing an aging traditional field-erected cooling tower, the NC Everest's pre-assembled crossflow design offers **significant advantages, including faster delivery and installation coupled with up to 50% more cooling capacity per cell and 20% reduction in pump energy.** Take cooling to a higher level with NC Everest.

ROBUST DESIGN AND MATERIALS

Built with industrial-grade materials and engineered to withstand the rigors of heavy industrial applications, the NC Everest features:

- Heavy gauge steel structure, galvanized or stainless steel
- 5-year mechanical component warranty
- Rugged genuine Marley Geareducer*
- Energy-efficient low-clog PVC heat exchange fill media
- Integral louvers and drift eliminators for better water management
- Motor Outside Airstream (MOA) availability

CERTIFIED THERMAL PERFORMANCE

NC Everest is certified by the Cooling Technology Institute to meet thermal performance as specified, eliminating site test expense.



FACTORY MUTUAL APPROVED

NC Everest is FM approved for use without a fire protection system to allow more affordable operation insurance.



SITE FLEXIBILITY

NC Everest provides more site placement options and typically uses up to 10% less plan area than field-erected towers.

OPERATIONAL ADVANTAGES

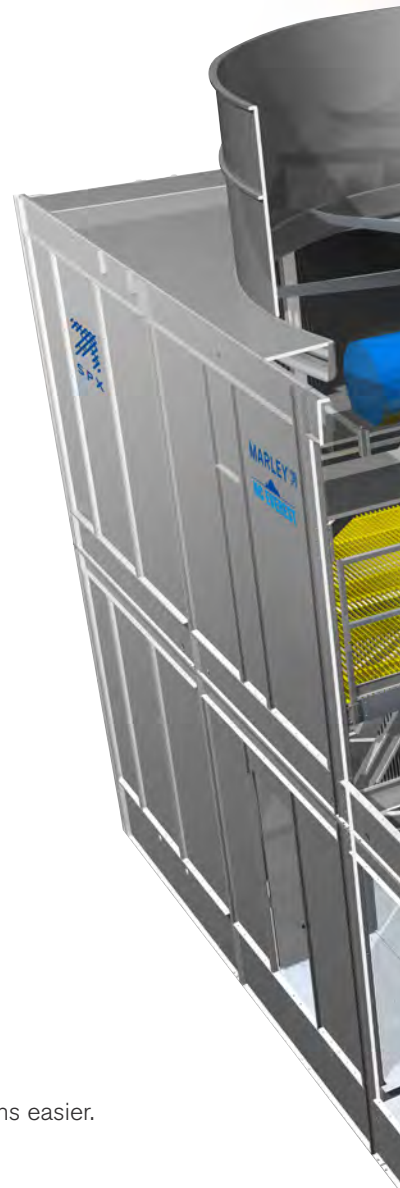
- Less sunlight exposure for reduced water treatment requirements
- Reliable cold weather operation from crossflow design
- Variable flow water distribution system for improved energy efficiency in off-peak loads

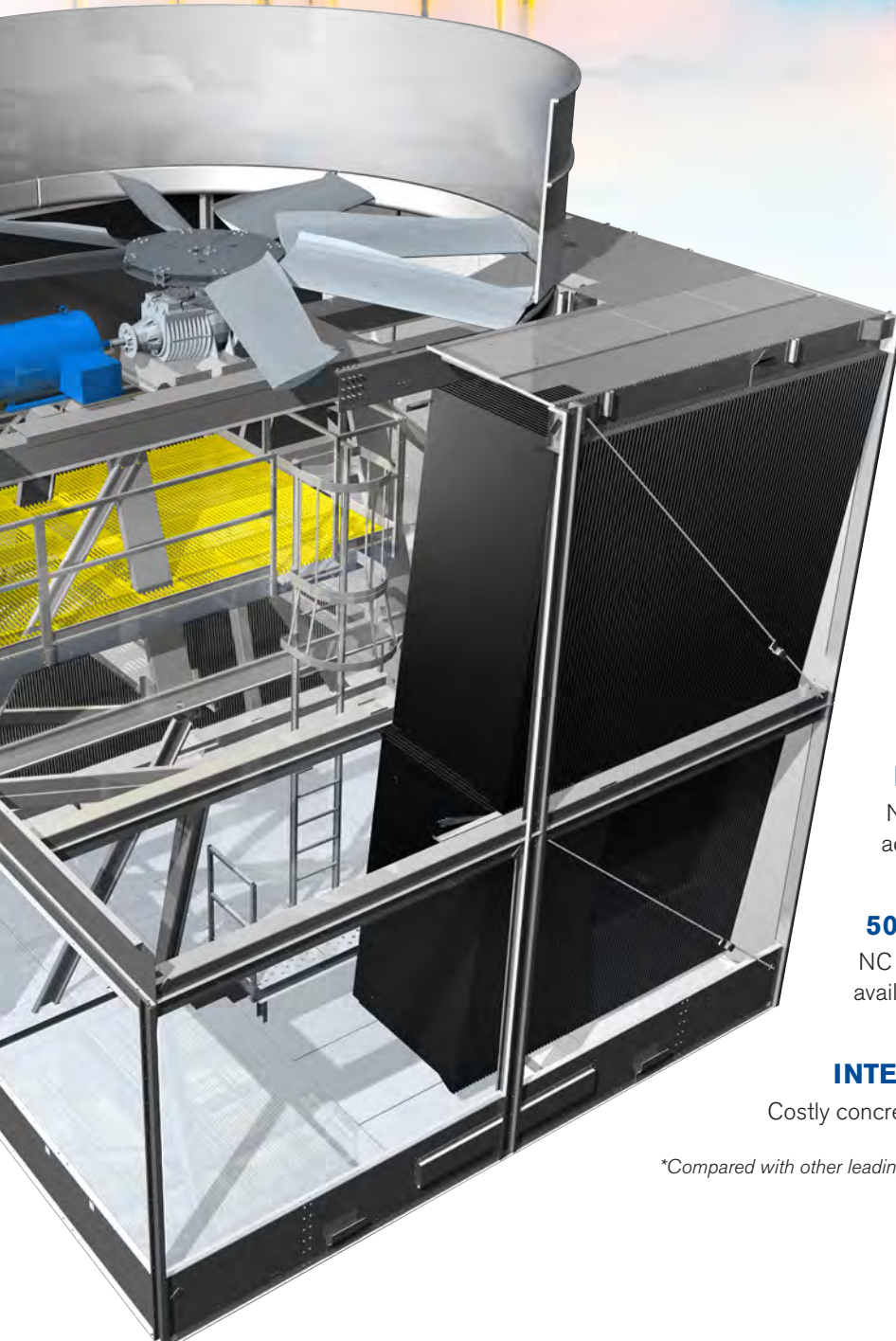
INSPECTION EASE

Outside access to components, including fill, cold water basin and water distribution system, make inspections easier.

UNRIVALED INTERIOR ACCESS

7-foot high doors, expansive interior and service decks make routine inspections and maintenance of interior components easier and safer.





60% FASTER DELIVERY

NC Everest typically delivers with 60% shorter lead time than field-erected towers.

80% FASTER INSTALLATION

Pre-assembled NC Everest installs in about 20% of the time required for field-erected towers.

SAFER ASSEMBLY PROCESS

NC Everest's design and field assembly process reduce onsite labor and work duration for a safer work environment.

LOW DRIFT RATE

New patent-pending MarKey™ Drift Eliminator achieves the lowest measureable drift, down to 0.0005% of circulating water flow, so less water escapes the tower.*

HIGHER ENERGY SAVINGS

NC Everest reduces pump energy up to 20% to achieve greater energy savings.

50% MORE COOLING CAPACITY

NC Everest provides the highest cooling capacity available in a pre-assembled cooling tower.*

INTEGRAL COLD WATER BASIN

Costly concrete basin construction is eliminated.

**Compared with other leading manufacturers.*

MARLEY NC EVEREST PRODUCT PARAMETERS

Model	8422
Dimensions	L 22'-5 W 29'-6 H 27'-1 (L 6.8m W 9m H 8.3m)
Flow Rate	1970 to 7890 gpm (450 to 1790m ³ /hr)
Inlet Water Temperature	Up to 160° F (70° C)
Snow Load	60 psf (290 kg/m ²) standard
Wind Load	50 psf (240 kg/m ²) 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, request these publications at spxcooling.com



Marley NC® Steel
Brochure



Marley NC® Steel
Engineering Data



Specifications

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