# NC® steel cooling tower

MORE CAPACITY. MORE VALUE.

MARLEY®

# Marley Is Raising The Industry Bar – Again.

## SACRIFICE NOTHING

If you're looking for maximum value in a package cooling tower, look no further than the NC from Marley. After all, why sacrifice productivity for value when you can have both with the Marley NC?

MARLEY

### HIGHEST CAPACITY

More fully assembled, CTI-certified, deliverable tons of cooling than any other package cooling tower on the market. The NC makes it easier to cool larger applications with more value and shorter installation times.

### HIGHEST EFFICIENCY

All that capacity is achieved with even less power – lowering operation costs and energy usage – accomplishing ASHRAE 90.1 efficiencies up to six times more than required.

### SMALLER PROFILE

Increasing capacity and efficiency typically means increasing size. Not with the Marley NC. Most models are the same or smaller footprint than before. In addition, there is a one- to two-foot height reduction from previous comparable models, saving costs for architectural walls and enclosures.

### INDEPENDENTLY VERIFIED SOUND DATA

We recognize how important sound control is and how difficult it is to measure cooling tower sound at various locations where background noise may interfere with testing. All published sound data for Marley NC cooling towers has been independently verified by a CTI-licensed test agency so you can trust that your cooling tower will meet sound levels as specified.

With higher capacity and efficiency within a smaller footprint, the NC will reduce costs for an even wider array of applications.

## MORE APPLICATIONS

The NC has the right combination of increased efficiency and reduced footprint to bring the performance of a crossflow cooling tower to more applications than ever before.

## MARLEY RELIABILITY

As a recognized leader in product quality, the greatest value of all might just be the name on the side. Our reputation, our service and our 90-year history of excellence deliver the peace of mind that comes from knowing you've made a quality choice.

Now, more than ever, value is important when looking for the best cooling solution. The NC from Marley delivers more value than ever before.

### Is the Marley NC Right for Your Application?

The best way to see if a Marley NC suits your needs is to run a complimentary product match analysis of your specific installation or plans. You can do it yourself or contact your local Marley sales representative.

### Find out at spxcooling.com/update

Enter the key specs you're working with and make your own product selection.

# The NC is redefining crossflow package cooling towers.

**SEE INCREASED VALUE FROM THE VERY BEGINNING.**

- Lower shipping costs and global availability. Affordable performance – delivered when you need it, wherever you need it.
- Ease of installation. 90 years in the business have taught us to streamline the installation process and to anticipate the installation needs for numerous applications.

- The System 5 Geareducer requires no oil changes for a full five years – the lowest maintenance requirements in the industry.
- SofTork MC Coupling absorbs excessive shock loads at start-up – forgives minor misalignment between the motor and Geareducer. Specifically designed for VFD applications and cooling towers.
- The standard low-sound, high-efficiency axial fan has adjustable-pitch fan blades to permit maximum utilization of rated horsepower – allowing field adjustments to optimize performance.
- Easy fit guardrail and safety cage option for quick, hassle-free field installation.

## INDUSTRY-LEADING FEATURES AND OPTIONS OF THE MARLEY NC.

- Improved efficiency and increased capacity: At its largest capacity, the Marley NC has the ability to deliver more cooling capacity than any other package cooling tower on the market, as high as 9624 kW capacity in a single unit.
- Drift rates as low as .0005% of design flow rate are available on many standard models – the lowest drift rates of any standard crossflow configuration.
- Optional belt drive – the choice is yours. Choose the belt drive system for all models up to 45 kW.
- Largest selection of options and accessories. Select and customize your NC with the most optional features of any factory-assembled cooling tower.
- The most CTI-certified low-sound options, with low-sound fans standard on all NC models.

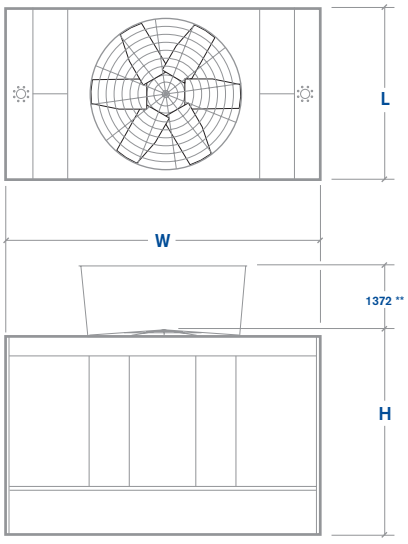
## The perfect fit makes all the difference.

See how the best gets even better. There's a Marley NC that's ideal for your application.

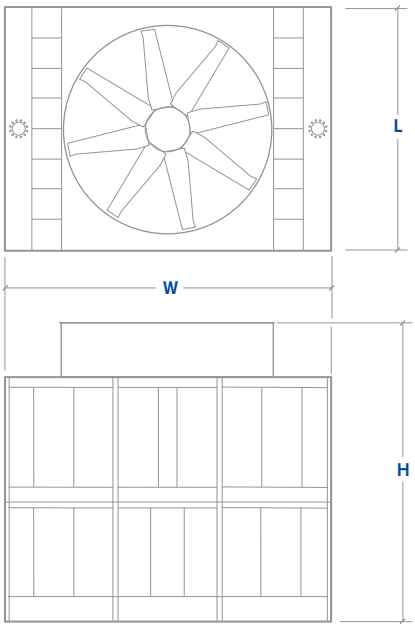
| Models | Capacity kW | L | W | H |
|---|---|---|---|---|
| NC8401 | 444–870 | 1988 | 3912 | 3105 |
| NC8402 | 686–1354 | 2559 | 4318 | 3124** |
| NC8403 | 862–2150 | 2559 | 5537 | 3638** |
| NC8405 | 1015–2642 | 3016 | 6071 | 3639** |
| NC8407 | 1407–3236 | 3626 | 6401 | 3651** |
| NC8409 | 1833–3838 | 4235 | 6833 | 3651** |
| NC8410* | 1957–4274 | 3626 | 6833 | 4877 ** |
| NC8411* | 2401–4537 | 3626 | 6833 | 5742** |
| NC8412* | 3047–5452 | 4235 | 6833 | 5742** |
| NC8413* | 2629–5337 | 3326 | 6833 | 6888** |
| NC8414* | 3346–6397 | 4235 | 6833 | 6888** |
| NC8422 | 5764–9624 | 6833 | 8992 | 8255 |

*Two-story modular cells

**Velocity recovery fan cylinders required on some models in this box size




NC8401 - NC8414




NC8422

CTI CERTIFIED

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

U.S. GREEN BUILDING COUNCIL MEMBER

# The Marley NC sets the standard on certifications and standards.

## MORE FACTORY MUTUAL APPROVED FEATURES THAN EVER.

We've added more FM options than ever before, including high wind load applications. The NC will help bring more affordable operation insurance for mission-critical facilities and lower the cost for FM customers. What's more, Marley is still the only manufacturer to provide an FM-approved single-cell crossflow cooling tower.

FM APPROVED

## THE NC HAS CODES AND CERTIFICATIONS COVERED.

CTI, ASHRAE, ASCE, OSHA, ACOP L8, IBC, FBC, FM, China GB7, Eurovent, ISO, BSI –the NC is covered with the codes you need now and for the future. Plus, we have more models meeting the China efficiency standards than ever before. And all models are ASHRAE 90.1 compliant.

COOL IS GREEN IS COOL™

## The new NC is greener, too.

Greater energy efficiency is just the beginning of the green story. The NC employs water-saving strategies to help achieve sustainable building goals. Being green can do more than help with LEED projects – it can boost your bottom line.

**Simply put, the NC from Marley is a package crossflow cooling tower like no other.**

## ADDITIONAL NC COOLING TOWER PUBLICATIONS

For further information about the NC cooling tower – including engineering schematics, data, layout requirements and more – download these NC publications and others at spxcooling.com.

Engineering Data

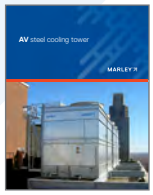
Specifications

Marley NC Alpha Splash-Fill Cooling Tower

## OTHER SPX COOLING TECHNOLOGIES PRODUCTS

SPX Cooling Technologies offers a full line of industry leading products – with exceptional support and innovation designed to help you get the most out of your cooling process. Take a look at these other Marley products at spxcooling.com.

Marley MD Cooling Tower



Marley AV Series Cooling Tower

Marley Aquatower® Cooling Tower

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