



## CAN THE VERSARAC BE INSTALLED IN MY GARAGE?

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This guide will take you through a few simple steps to help you determine if the VersaRac is the right fit for your garage organizational needs.

**NEWAGE**  
PRODUCTS INC.

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# For Your Safety

Tips on how to install the VersaRac safely and securely

## SAFETY TIP

It is recommended that you check the structural integrity of your VersaRac every year.

### Team Lift



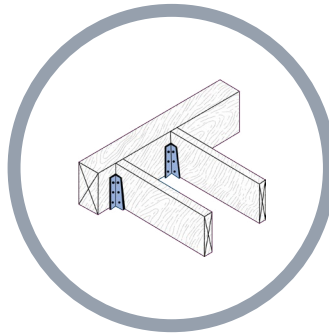
Use two people to move, install and assemble the VersaRac

### Weight Capacity



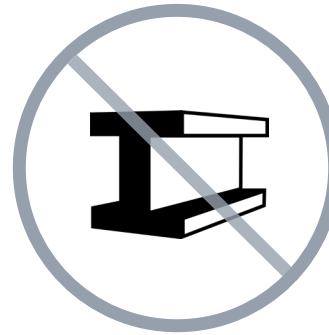
Each VersaRac unit is able to hold 600 lbs. of evenly distributed weight

### Secure Structure



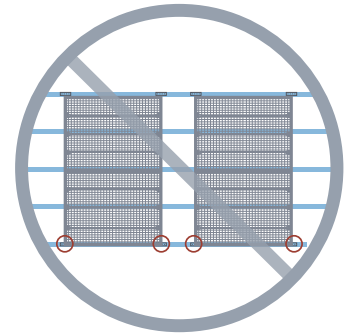
VersaRac units must be installed into structurally sound overhead joists

### Wood Joists Only



**Not intended for steel beams, metal studs or concrete.** Install **only** into solid wood joists

### Must Only Be One



**Do not** install more than one VersaRac on any two joists

\*NewAge Products Inc. makes no claim to the capacity or strength of the structure to which the units are mounted. Ensure adequate structure before ordering VersaRac.

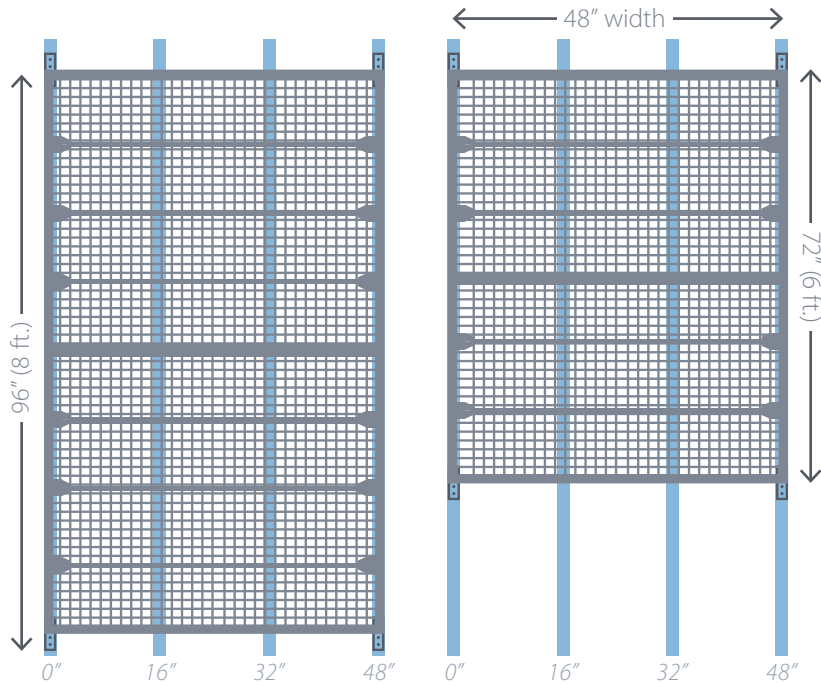


# Measuring Your Space

Ensuring your joists are suitably spaced for install

## Parallel Joist Measurements

Requires 48" width between install joists.  
8 ft. or 6 ft. install length is parallel with joists.



### EXPERT ADVICE

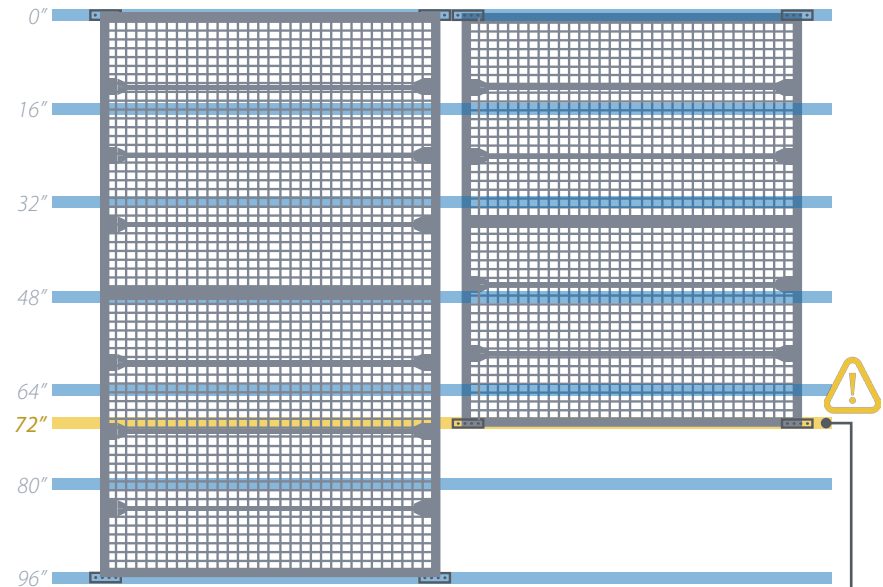
#### Standard Joist Spacing

Ceiling joists are typically spread **16" apart**.

For finished drywall ceilings, use a stud finder to locate ceiling joists.

## Perpendicular Joist Measurements

48" width aligns with joists.  
8 ft. or 6 ft. perpendicular install length requires 96" or 72" joist span.



### CAUTION

6 ft. perpendicular VersaRac installation **will not** align with standard 16" ceiling joist spacing without additional joist hanger installation.

(see ["Adding a Joist Hanger Install" Page](#))



# Perpendicular Installation Method

72" or 96" length

**PERPENDICULAR**

Ensure joists are 72" (6 ft.) or 96" (8 ft.) apart, depending on your chosen size of VersaRac



If your ceiling is finished, use a stud finder to locate the joists

48" width

Length of VersaRac will run **PERPENDICULAR** to the joists



# Parallel Installation Method



48" width

Length of VersaRac will run  
**PARALLEL** to the joists



# Installation With A Joist Hanger



## EXPERT ADVICE

### Plan Ahead

If your ceiling is finished with drywall, installing a joist with joist hangers will require cutting a hole in the drywall.

If your joist spacing is not 48", 72" or 96" apart, you will need to span a joist hanger



Solid Wood Joist

Ceiling Mounting Bracket

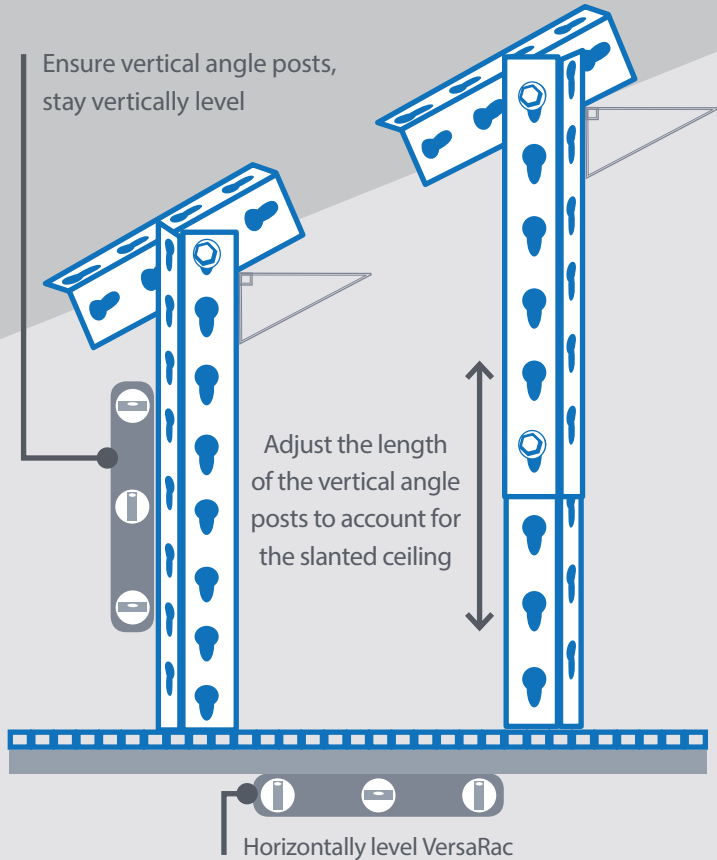
Using suitable joist hangers, install two additional wooden ceiling joists in the desired location

\*Ceiling joists, joist hangers and hardware not included with VersaRac

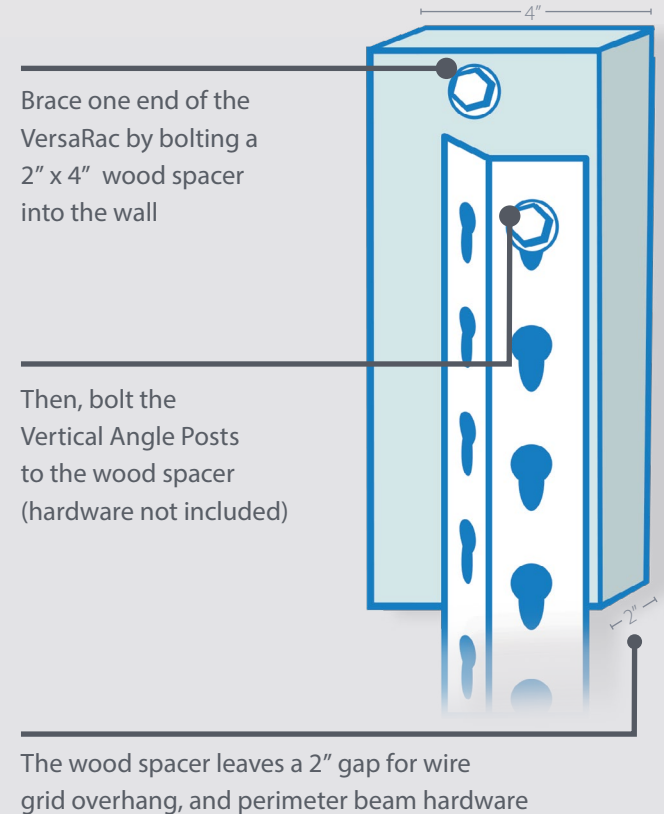


# Additional Installation Options

## Installing on a Slanted Ceiling



## Installing Against a Wall



### PRO TIP

#### Wall Installation

One Vertical Angle Post will be attached to the wood spacer against the wall and the adjacent Vertical Angle Post will be attached to the ceiling joist.





# Engineered Joists

## Fastening to Engineered Wood Joists



EXPERT ADVICE

**WOOD JOISTS ONLY**

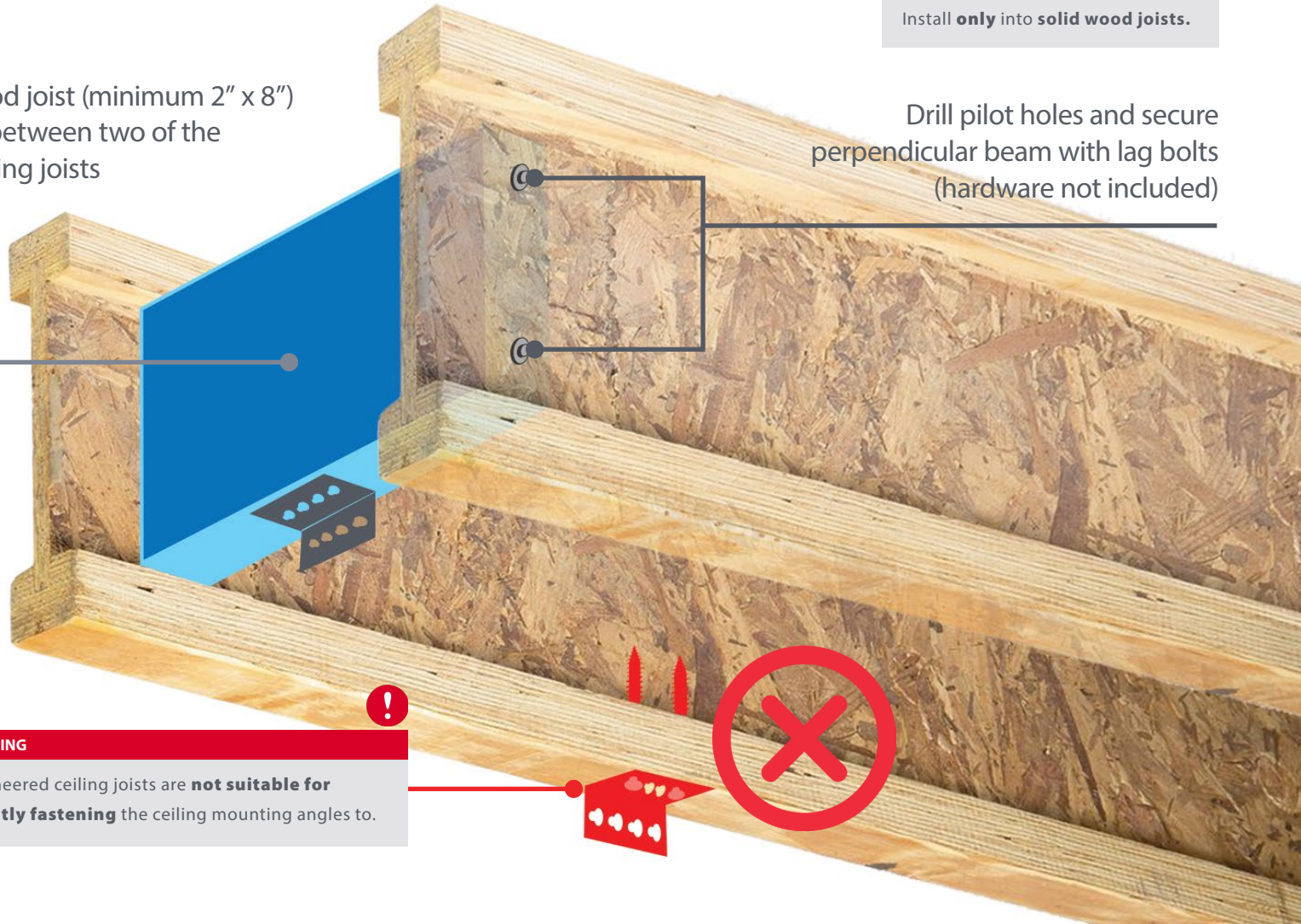
**Do not** use steel beams for joists.  
Install **only** into **solid wood joists**.

Install solid wood joist (minimum 2" x 8") perpendicular between two of the engineered ceiling joists

Drill pilot holes and secure perpendicular beam with lag bolts (hardware not included)

**WARNING**

Engineered ceiling joists are **not suitable for directly fastening** the ceiling mounting angles to.



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# Height Adjustability

## Obstacle Clearance

Determine the desired height of the VersaRac, **from the ceiling to the bottom of the Versarac**, and check for any obstacles or obstructions

Storage deck height will be 3" shorter than vertical angle beam height

Consider any additional accessories you want to install

Minimum of 3" overlap between vertical angle posts

Adjustable in 1.5" increments

18"  
(using **one** vertical angle post)

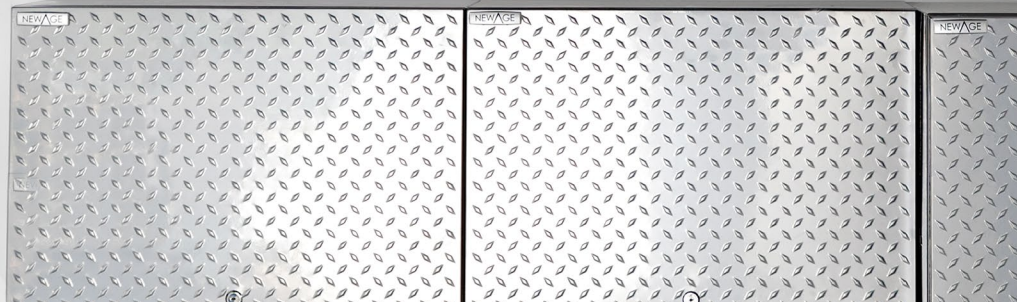
OR  
27-42"  
(using **two** vertical angle posts)



### EXPERT ADVICE

#### Obstacle Avoidance

When determining your VersaRac height, check for door frames, garage door tracks, central vacuums and windows to ensure adequate clearance.



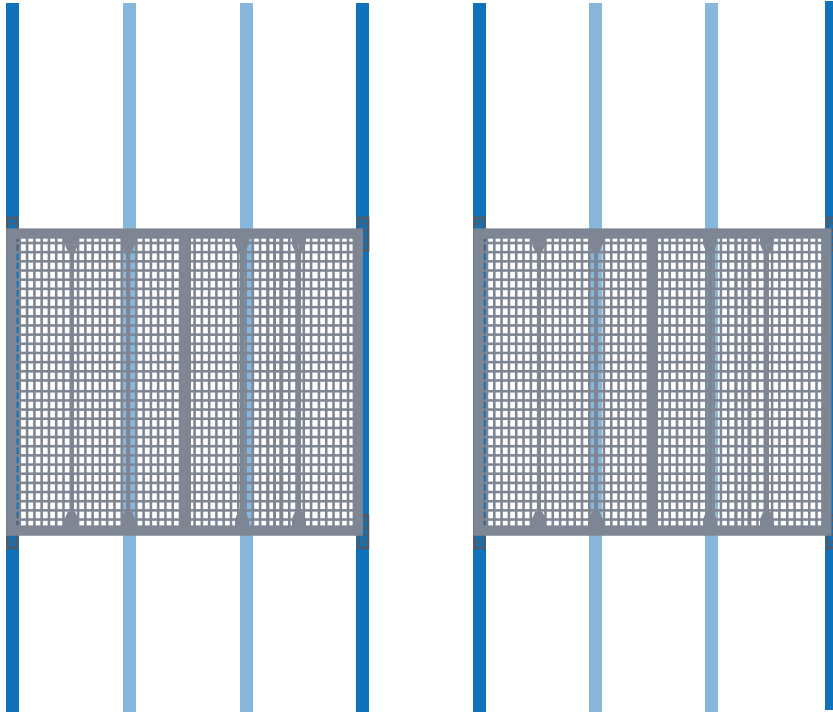


# Multiple VersaRac Setup

## Correct and incorrect layout options



**RECOMMENDED//** SUPPORT FROM **FOUR DIFFERENT** CEILING JOISTS



Supporting two VersaRacs from 4 different ceiling joists is recommended and provides a **600 lbs. weight capacity** per VersaRac

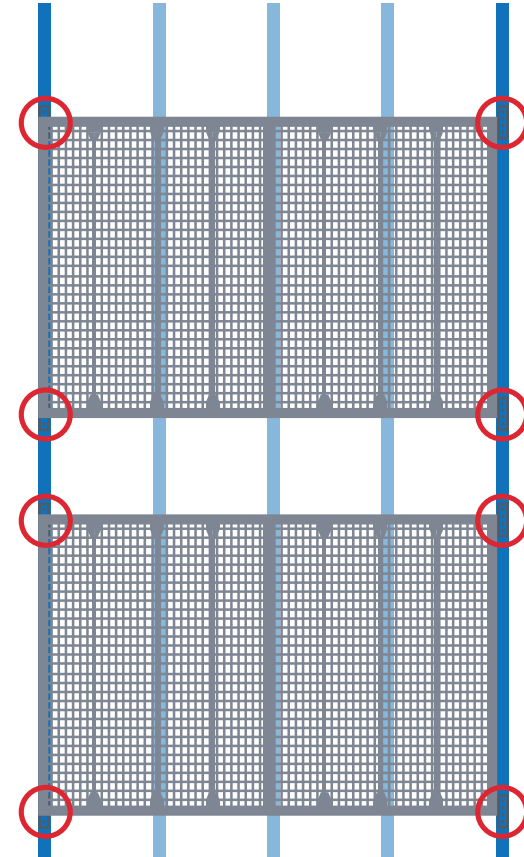


### WARNING

**Never** install more than one VersaRac unit on the same **two** overhead ceiling joists. This configuration puts **too much weight** on a single joist.



**NOT RECOMMENDED//** SUPPORT FROM **SAME TWO** CEILING JOISTS



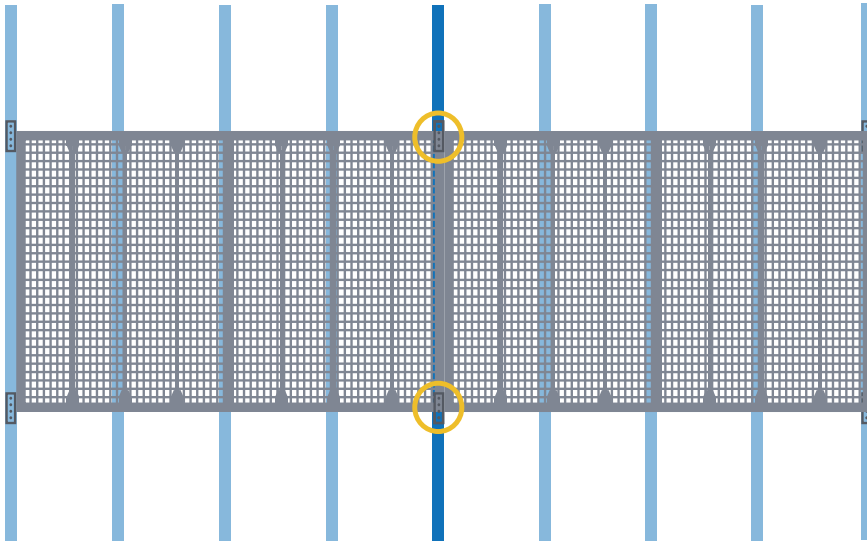
# Multiple VersaRac Setup

## Configurations with a reduced weight capacity



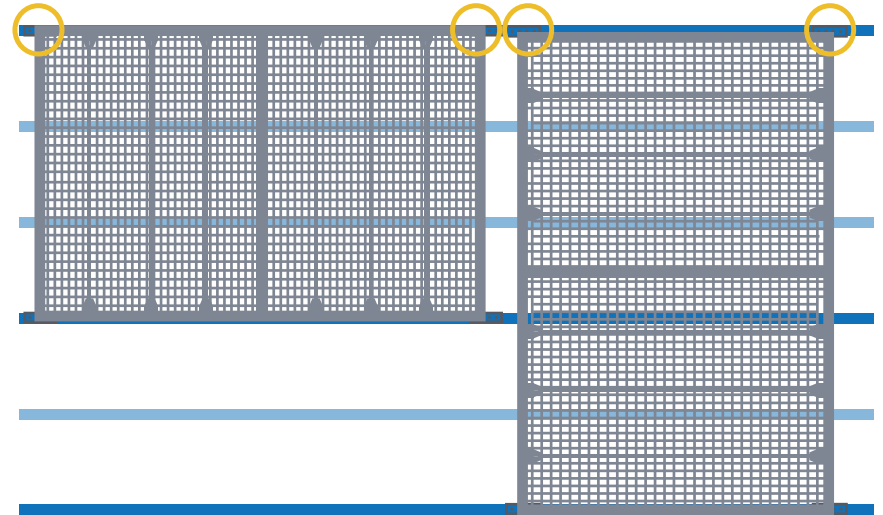
**REDUCED WEIGHT CAPACITY//** SHARING A **SINGLE CEILING MOUNT**

When two VersaRacs share a single ceiling mount, there is a **reduced weight cap of 450 lbs.** per VersaRac



**REDUCED WEIGHT CAPACITY//** INSTALLED ACROSS **THREE CEILING JOISTS**

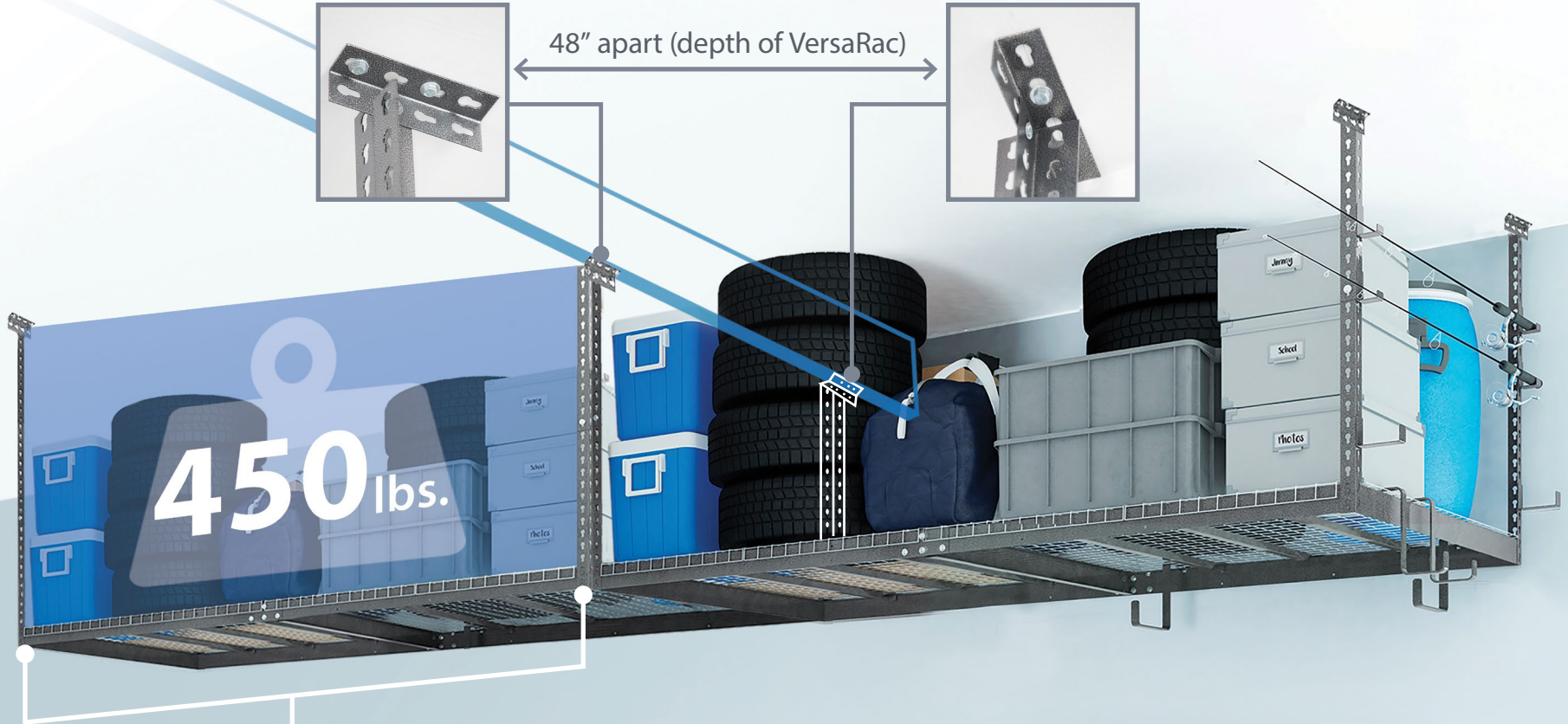
Supporting two VersaRacs from 3 ceiling joists **reduces the weight capacity to 450 lbs.** per VersaRac due to the one shared joist





# Multiple VersaRac Setup

Sharing a Ceiling Mounting Angle



Installing in this configuration reduces the evenly distributed weight capacity from **600 lbs. per VersaRac** to **450 lbs. per VersaRac**

# Annual Maintenance

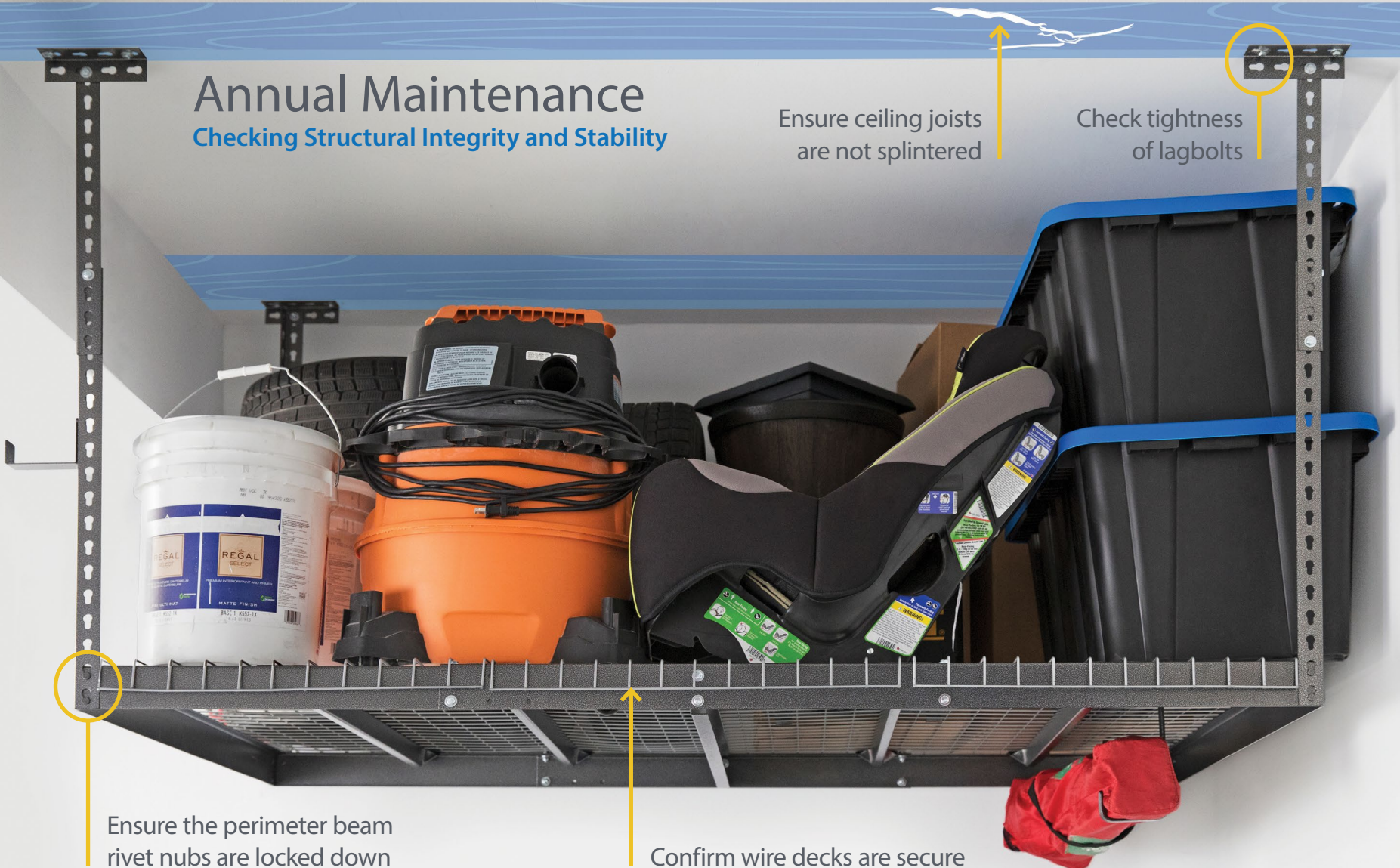
## Checking Structural Integrity and Stability

Ensure ceiling joists are not splintered

Check tightness of lagbolts

Ensure the perimeter beam rivet nubs are locked down

Confirm wire decks are secure



# Questions?

Getting in touch with us is easy.

*support@newageproducts.com* 

1.877.306.8930 