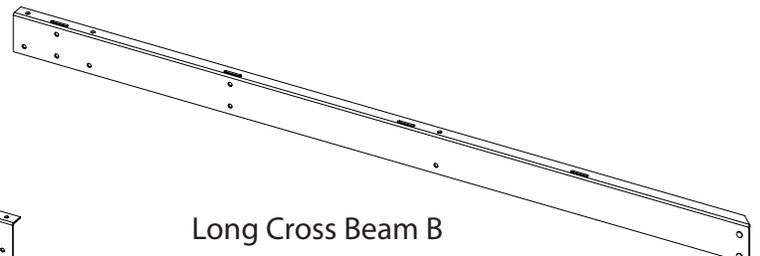
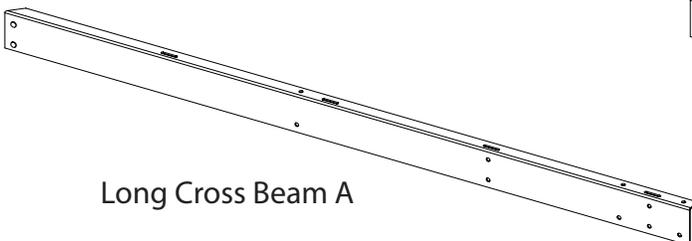
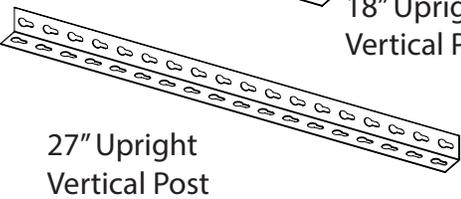
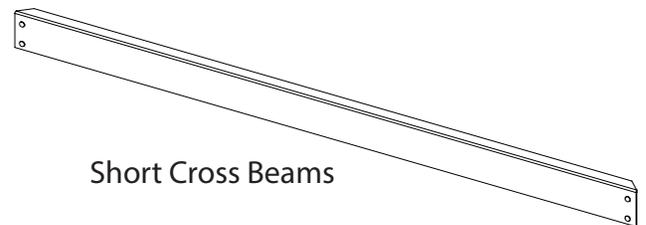
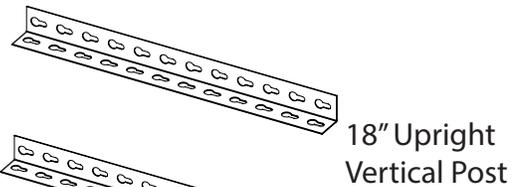
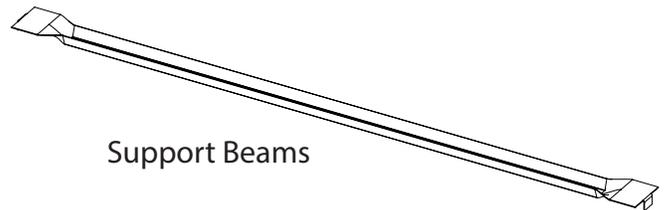
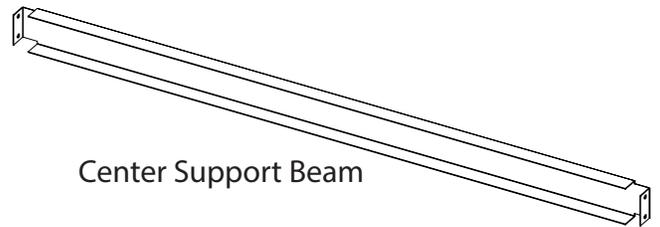
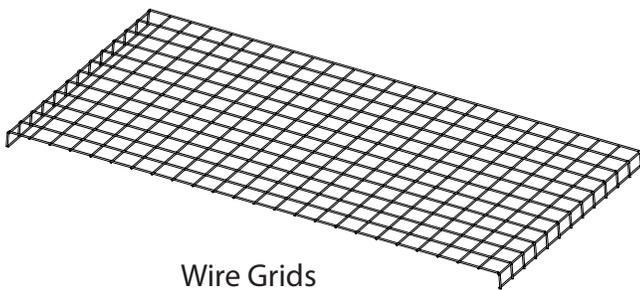
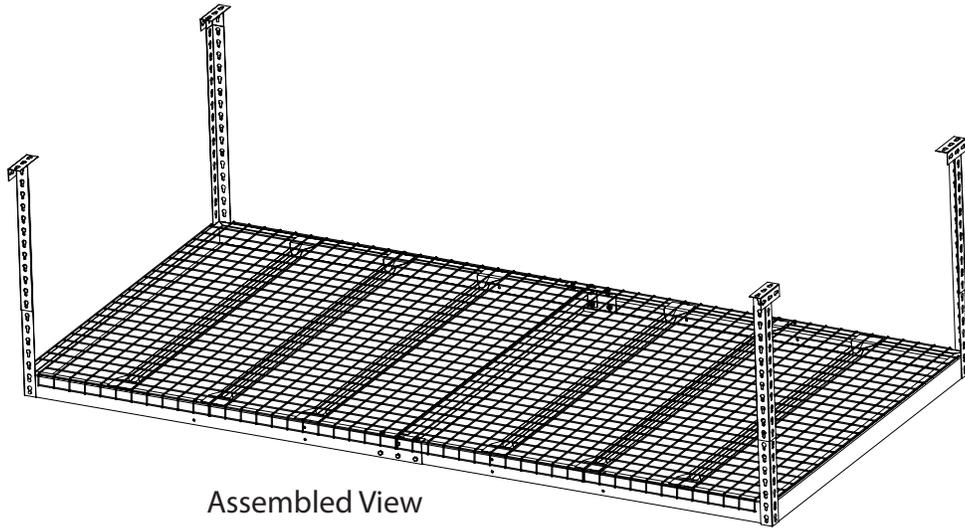


# INSTALL INSTRUCTIONS

## VERSARAC



# INSTALL INSTRUCTIONS

## VERSARAC



### SAFETY WARNING - PLEASE READ THIS FIRST

1. All VersaRac units have a rated load capacity of 600 pounds, evenly distributed, using a minimum of 1.75" lag bolt anchored into solid wood joists or supports capable of supporting such a load.
2. Do not load more than 600lbs on to a VersaRac. Live loads (people, pets, etc) may weigh less than the rated weight capacity, however will exert force on the rack beyond its rated capacity. As such, do not stand, jump or hang from your VersaRac.
3. VersaRac units must be installed into structurally sound overhead joists or supports. NewAge Products Inc. makes no claim to the capacity or strength of the structure to which the units are mounted.
4. NewAge Products Inc. can not be held liable for structure failure, or damage or injury resulting from structure failure.
5. **VersaRac is not intended for steel framed homes. Do not attempt mounting to steel beams.**
6. **Ensure all weight is distributed evenly on the rack. Place heavier objects near the vertical angle posts, and lighter objects in the center.**
7. **Do not jump or climb on your VersaRac.**
8. **Routinely inspect your system to ensure all components are fastened securely.**

### TOOLS REQUIRED TO INSTALL VERSARAC:

- Eye Protection
- Rubber Mallet
- Ladder
- Drill
- Stud Finder
- 7/16" Wrench
- 7/16" Nut Driver
- 3/16" Drill Bit
- Pencil
- Measuring Tape

### VERSARAC COMPONENT QUANTITIES

Description	4' X 4'	4' X 6' / 4' X 8'
1.5" x 1.5" x 4.5" ceiling mounting angle	4	4
1.5" x 1.5" x 18" vertical angle posts	4	4
1.5" x 1.5" x 27" vertical angle posts	4	4
1" x 2.75" x 48" short cross beam	4	2
1" x 2.75" x 51" long cross beam A	0	2
1" x 2.75" x 51" long cross beam B	0	2
47" Cross Supports	4	6
Center Support Beam	0	1
Steel Grid Platforms	2	4
1/4" diameter x 3/4" long bolts	12	24
1/4" nylon lock nut	12	24
1/4" diameter x 3" long lag bolt	8	8
Washers	24	48
Installation instructions, Layout diagrams and Warranty	1	1

# INSTALL INSTRUCTIONS

## VERSARAC

### Installation Instructions

#### STEP 1

Unpack boxes to verify you've received all proper components for the rack you've purchased.

#### STEP 2

Identify parts by matching them to the parts list provided. You may receive extra hardware with each unit. If you do not have all parts, please call us immediately.

#### STEP 3

Determine where you want to install your VERSARAC and examine the ceiling structure. Do not install more than one VERSARAC unit on any two overhead supports.

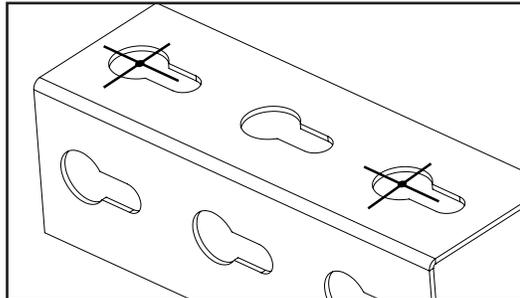
#### STEP 4

Locate the ceiling joists (the horizontal studs or beams that run along the ceiling structure). If your garage has an open ceiling, you will see the supports. If your garage has finished drywall on the ceiling, use a stud finder to locate both sides of the ceiling joists. Use a pencil to mark both sides of the ceiling joist, and the center of the ceiling joist. If you have steel beams, you will not be able to install VersaRac. **VersaRac is not intended for steel framed homes. Do not attempt to mount to steel beams.**

#### STEP 5

Place a ceiling mount angle on the ceiling so that the center of the holes in the mounting angle are lined up with the center of the joist. Mark a hole in the narrow part of the keyhole, making sure the mark is in the center of the ceiling mount angle. You need to mark 2 holes per bracket. See figure 1.

Figure 1



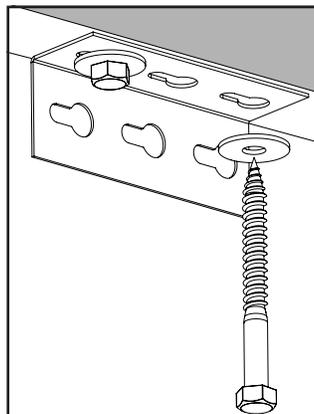
#### STEP 6

Use the 3/16" drill bit to drill pilot holes for the long lag bolts, 8 holes total for the 4 brackets. Use the diagram in Step 8 to determine the locations of the lag bolts in the ceiling.

#### STEP 7

Install the ceiling mount angle into the joists using 1/4" x 3" lag bolts and washers provided. Place a washer between the bolt head and the ceiling mount angle. Lag bolts must be installed into solid wood joists. Make sure the lag bolts are tight against the ceiling but do NOT over-tighten the lag bolts. If lag bolts are over-tightened, they could snap the lag bolt head or strip out the hole. See Figure 2.

Figure 2

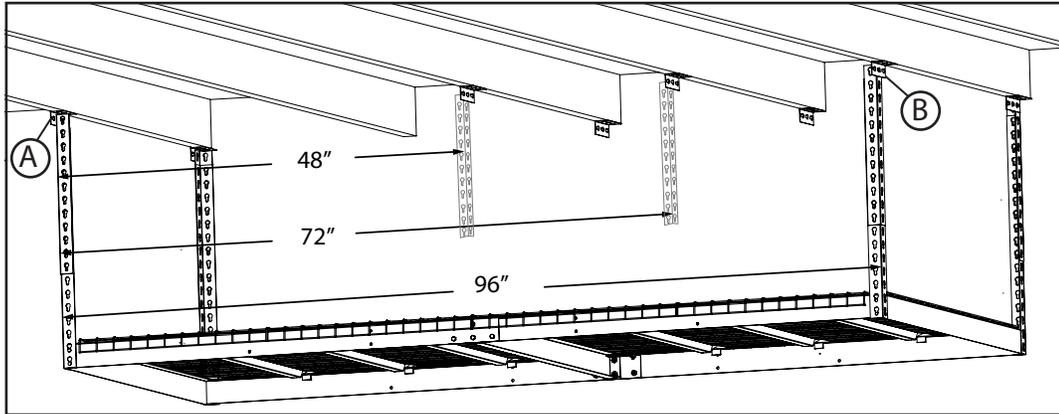


# INSTALL INSTRUCTIONS

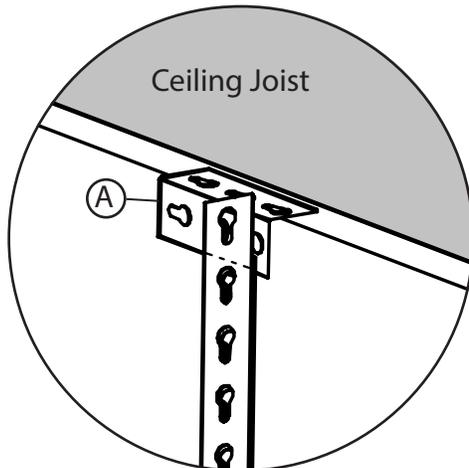
## VERSARAC

### STEP 8

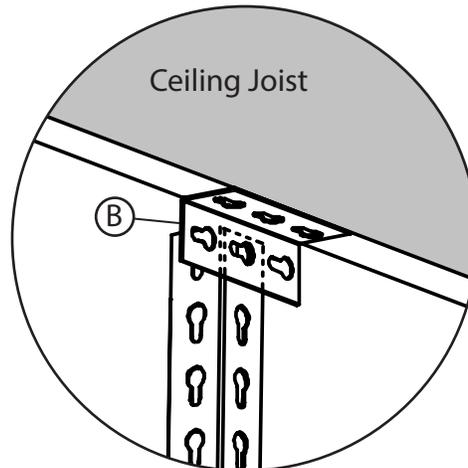
Use the diagrams below to determine the locations of the ceiling mounting angles.



**Note: Install at 48", 72", or 96" to suit your application.**

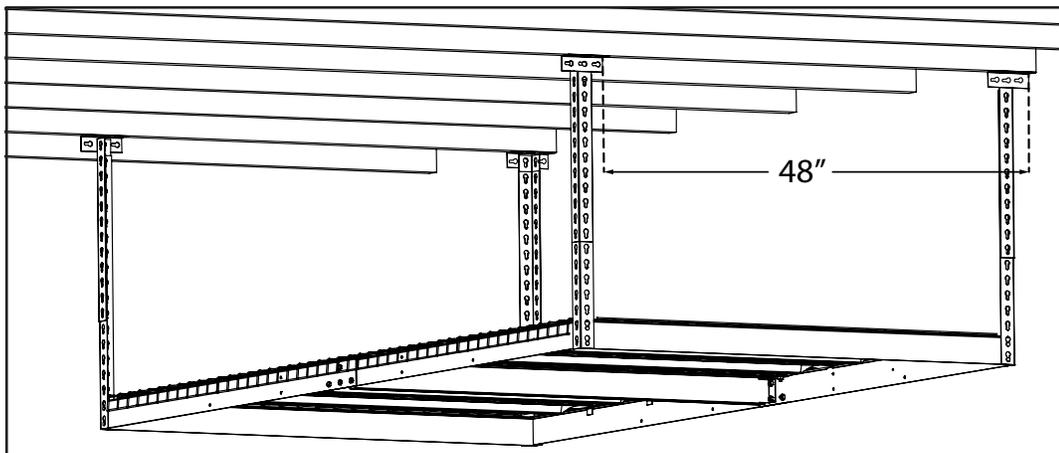


LEFT SIDE



RIGHT SIDE

**Note: The Ceiling Mounting Angle Bracket should be facing outwards on the opposite side of the rack. See A-B orientation.**



**Note: Ceiling Mounting Angles must be orientated in same direction, and measured from same end of the bracket.**

### STEP 9

Identify the height from the ceiling where you would like the bottom of the shelf to be. Remember that your storage space will be 3" shorter than this dimension due to the height of the bottom shelf beam.

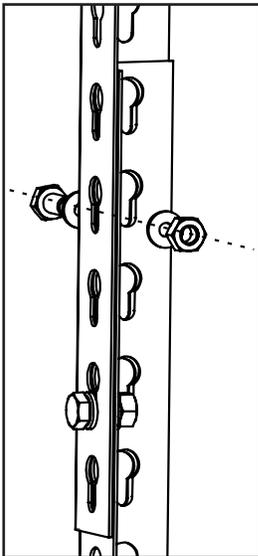
# INSTALL INSTRUCTIONS

## VERSARAC

### STEP 10

Place one 18" angle post and one 27" angle post together to create one upright angle post. The angle post that attaches to the ceiling mounting angle should be on the outside. The widest part of the keyholes should be facing up on both pieces. Slide the pieces until you get your desired overall length. Bolt 2 angle posts together using the 1/4" dia. x 3/4" long bolts, washers and nuts provided. Use 2 washers, one between the bolt head and angle post and one between the nut and angle post. Place one bolt on each side of the upright angle. See figure 3. Tighten both bolts.

Figure 3



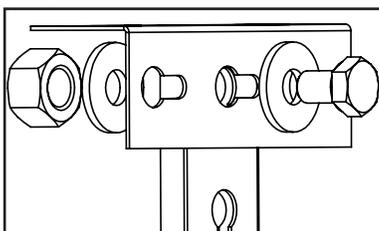
### STEP 11

Repeat step 7 to form the other 3 angle posts. Make sure all 4 angle posts are the same length.

### STEP 12

Bolt angle posts to ceiling angle brackets you have already installed. Use the 1/4" dia. x 3/4" long bolts, washers and nuts. Use 2 washers, one between the bolt head and angle post and one between the nut and angle post. See figure 4.

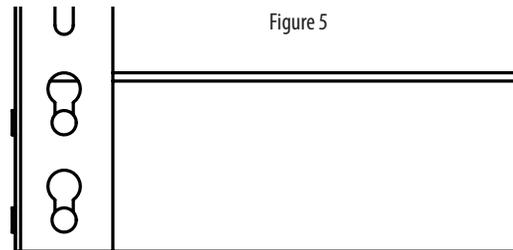
Figure 4



### STEP 13

Install the short cross beams into the bottom of the vertical angle posts. The 1" wide flange on the cross beam goes on top. Tap the cross beams into place using a rubber mallet to seat the beams into the upright posts. The rivet nubs should go all the way to the bottom of the keyholes. See figure 5. If ceiling mount angles move when you tap down the cross beams, the ceiling angles are not tight or are not bolted into sufficient structure. Double check ceiling lag bolts to make sure they are tight and securely fastened to the supports. If there is not sufficient structure, remove brackets and find the proper ceiling support. **If installing the 4'x4' Versarac please continue on to Step 18.**

Figure 5



### STEP 14

Bolt together one Long Cross Beam A and one Long Cross Beam B together at the desired 8' length (Figure 6), or 6' length (Figure 7) to form the long beam assembly. Use washers behind the head of the bolt and before the nut on the opposite side. Beam A will go on the outside of Beam B. You will notice that when you do this all the holes should line up properly.

Figure 6

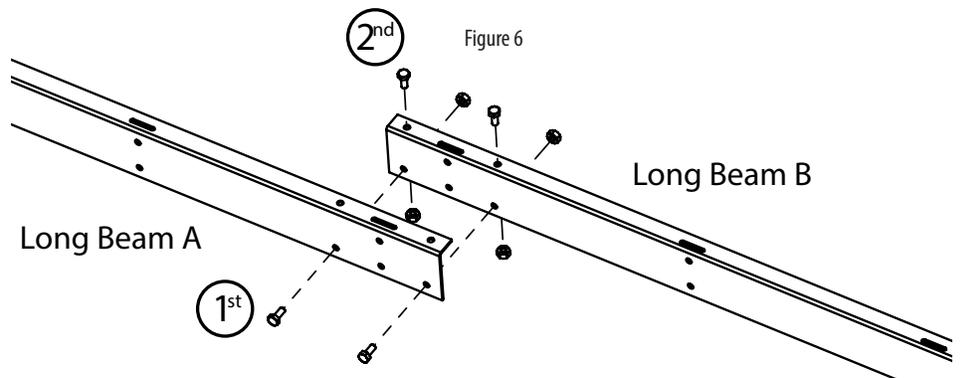
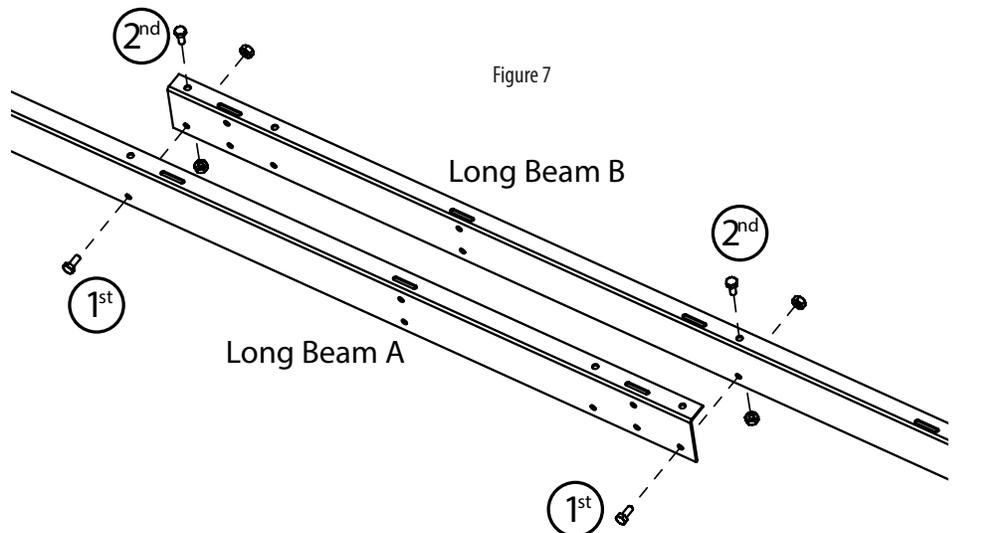


Figure 7



# INSTALL INSTRUCTIONS

## STEP 15

Install the long cross beams into the bottom of the vertical angle posts. The 1" wide flange on the cross beam goes on top. Tap the cross beams into place using a rubber mallet to seat the beams into the upright posts. See Figure 8.

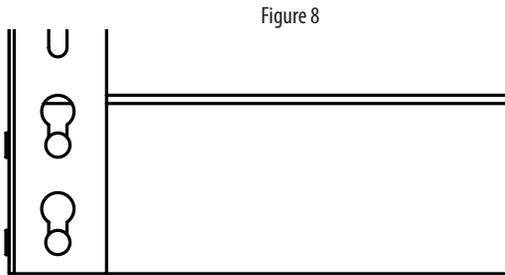


Figure 8

## STEP 16

Find the holes in the middle of the long cross beams assembly. Install the Center Support into these holes with the remaining nuts, bolts, and washers. The washers should be behind the head of the bolt and before the nut on the opposite side. See Figure 9

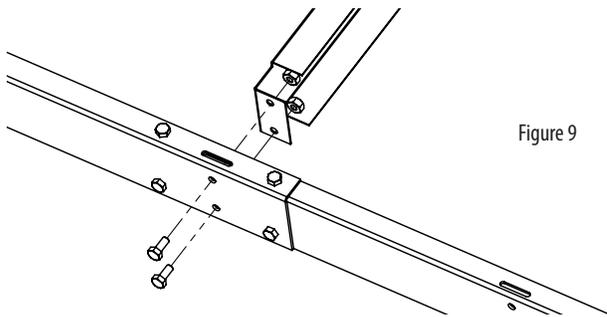
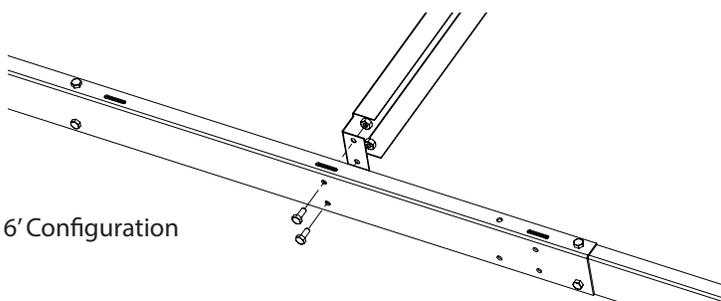


Figure 9

8' Configuration

OR



6' Configuration

## STEP 17

Place the six 47" long cross supports into the slots on the top of the cross beams. If you have created the 6' assembly you will have an extra two of these left over. See Figure 10

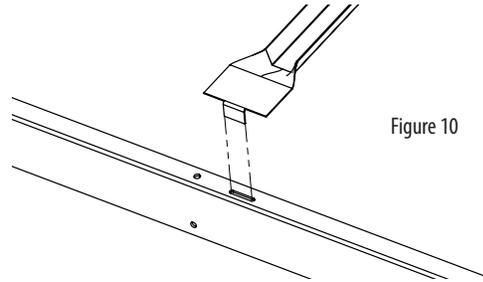


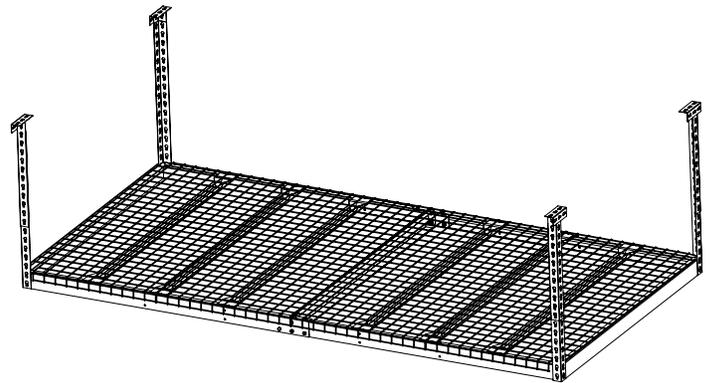
Figure 10

## STEP 18

Place Steel Grid Platforms with the flange overhanging the cross beams on either side of the width of the rack frame. If you have created the 6' assembly you will have an extra one of these grids left over.

## STEP 19

Periodically (at least quarterly) inspect your VERSARAC unit to ensure beams are seated properly and brackets are firmly connected to the overhead supports and securely fastened to the supports. If there is not sufficient structure, remove brackets and find the proper ceiling support.



For specific questions regarding: product installation, care, or cleaning, please contact Customer Service at NewAge Products

# **NEWAGE PRODUCTS INC. VERSARAC WARRANTY 1 YEAR LIMITED MANUFACTURER WARRANTY.**



**NOTE:** NewAge Products Inc. assumes no liability for any personal injury, direct or indirect damages resulting from improper installation of the VERSARAC unit.

**WARNING:** VERSARAC units are not intended nor designed for live loads. Do not climb in, step on, hang from or play on any VERSARAC unit.

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## **VERSARAC WARRANTY**

THE SOLE AND EXCLUSIVE SOLUTION FOR NONCONFORMING PRODUCTS SHALL BE REPLACEMENT OF SUCH PRODUCTS OR, AT SELLER'S OPTION, REFUND OF THE PURCHASE PRICE TO BUYER (EXCLUDING TAXES, SHIPPING, AND HANDLING CHARGES PAID BY THE BUYER).

SELLER MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, AND SELLER DISCLAIMS ANY WARRANTY OF ANY OTHER KIND, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXCEPT IN THOSE JURISDICTIONS THAT PROHIBIT DISCLAIMER OF SUCH IMPLIED WARRANTIES.

This warranty shall not apply to loss or damage in shipping, accident, unreasonable use, or buyer's negligence. Seller specifically disclaims any warranty or liability for products resold in packages other than Seller's original packing and for products altered in any way by others after sale. Seller reserves the right to examine any defective products to determine whether the warranty applies.

PLEASE CONSULT YOUR STATE OR PROVINCE'S LAWS. YOU MAY HAVE RIGHTS IN ADDITION TO THIS WARRANTY.

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## **DISCLAIMER OF IMPLIED WARRANTIES; LIMITATION OF REMEDIES**

IMPLIED WARRANTIES, INCLUDING TO THE EXTENT APPLICABLE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED TO THE EXTENT LEGALLY PERMISSIBLE. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW ARE LIMITED TO ONE YEAR, OR THE SHORTEST PERIOD ALLOWED BY LAW. SOME STATES AND PROVINCES DO NOT ALLOW LIMITATIONS OR EXCLUSIONS ON HOW LONG AN IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE