



PRODUCT INFORMATION

Dero Space Saver Bike Racks

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SPACE SAVER



“We’ve been using Dero Space Saver vertical bike racks for the past 4 years. The quality and service are second to none, and we have saved lots of square footage in our New York city buildings as a result.”

- Yoav Haron, K and R Realty Mgmt.
New York, NY

Double Your Bike Capacity

The Space Saver is specifically designed to maximize the number of bikes parked per square foot. By hanging bikes vertically the Space Saver virtually doubles your bike parking capacity

Modular Construction

The Space Saver can be ordered in nearly any length to fit any space and can be added onto in the future.

Installation

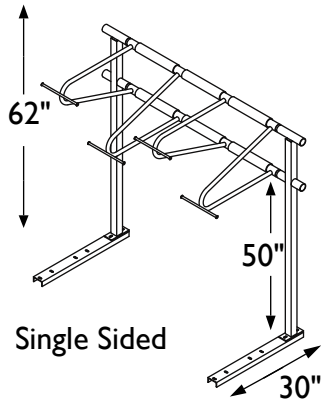
The rack can be anchored down with two anchors per foot. A wall mounted, single sided option is also available.

Excellent Bike Support

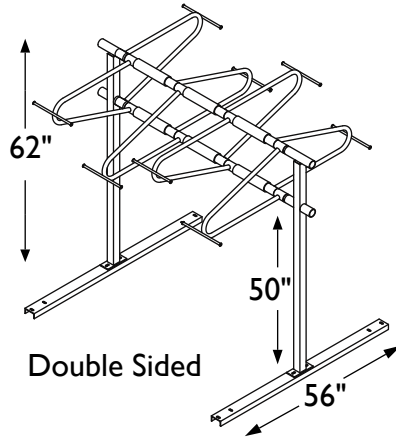
Bicycles are supported by the fork and tire, NOT the wheel rim, so wheels won't be thrown out of true and spokes won't be bent. The hanger rod is coated with rubber to prevent scratching bikes.



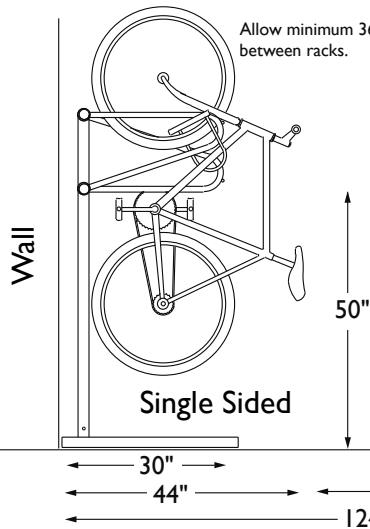
Space Saver - Specifications and Space Use



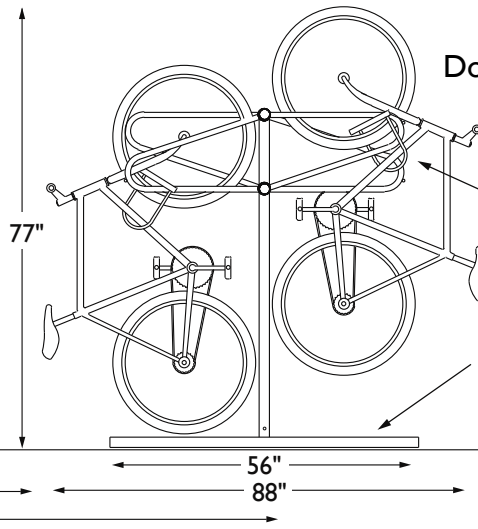
Single Sided



Double Sided



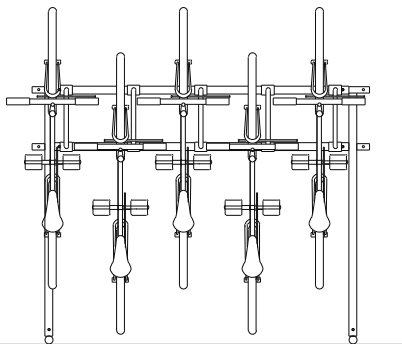
Single Sided



Double Sided

Hi Security:
U-lock compatible. Allows frame and wheel to be secured with a u-lock.

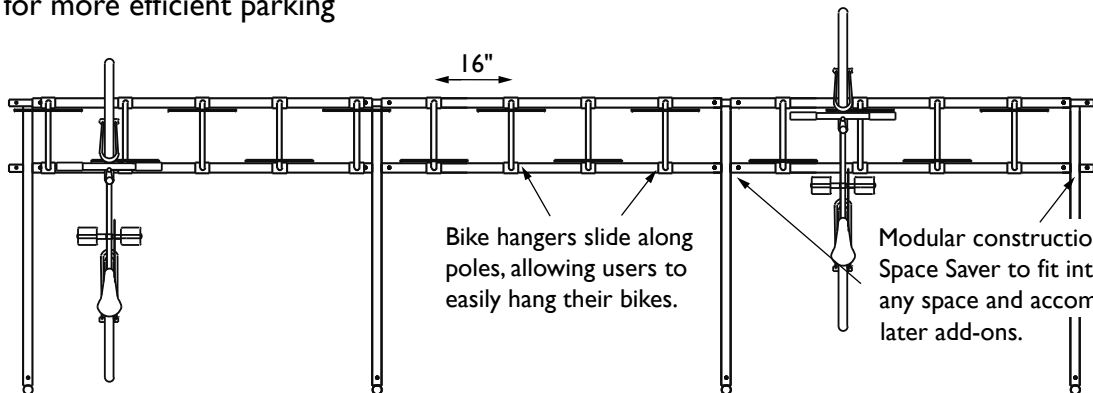
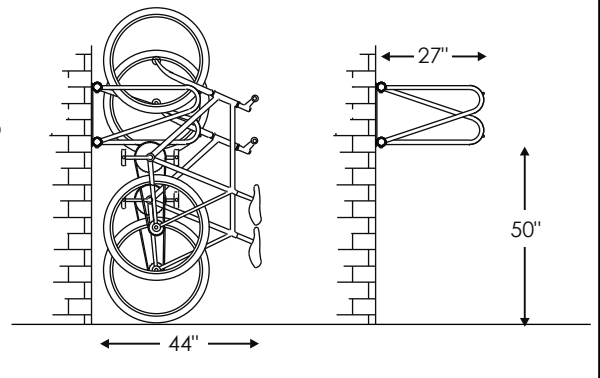
Installation:
Can be left free standing or can be bolted to the floor. Anchors included.



The Space Saver staggers bikes for more efficient parking

Wall Mount

The Wall mounted Space Saver attaches to the wall allowing bike parking in areas where ground mounting is no an option.



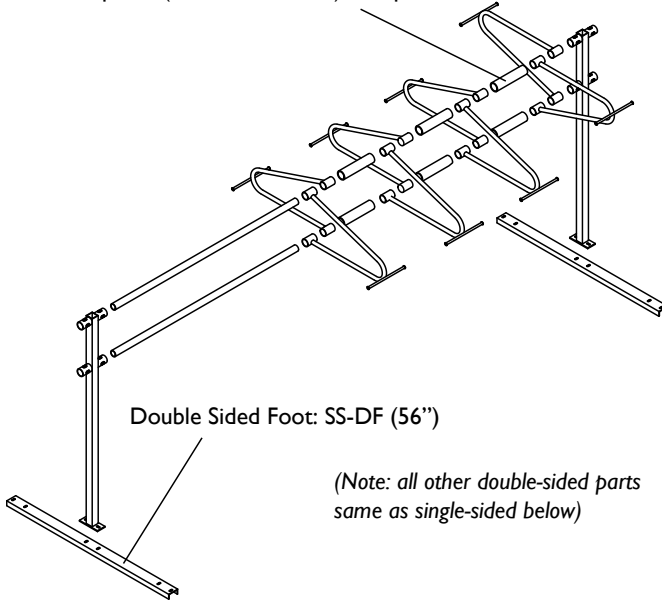
Bike hangers slide along poles, allowing users to easily hang their bikes.

Modular construction allows Space Saver to fit into nearly any space and accomodates later add-ons.

SPACE SAVER - Installation Specifications and Instructions



10" Spacer (for Double sided): SS Spacer 2



The Space Saver has several steps for installation. Note that the single and double sided setups and parts are different. Make sure you follow the instructions according to the model you ordered.

Recommended Base Materials:

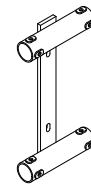
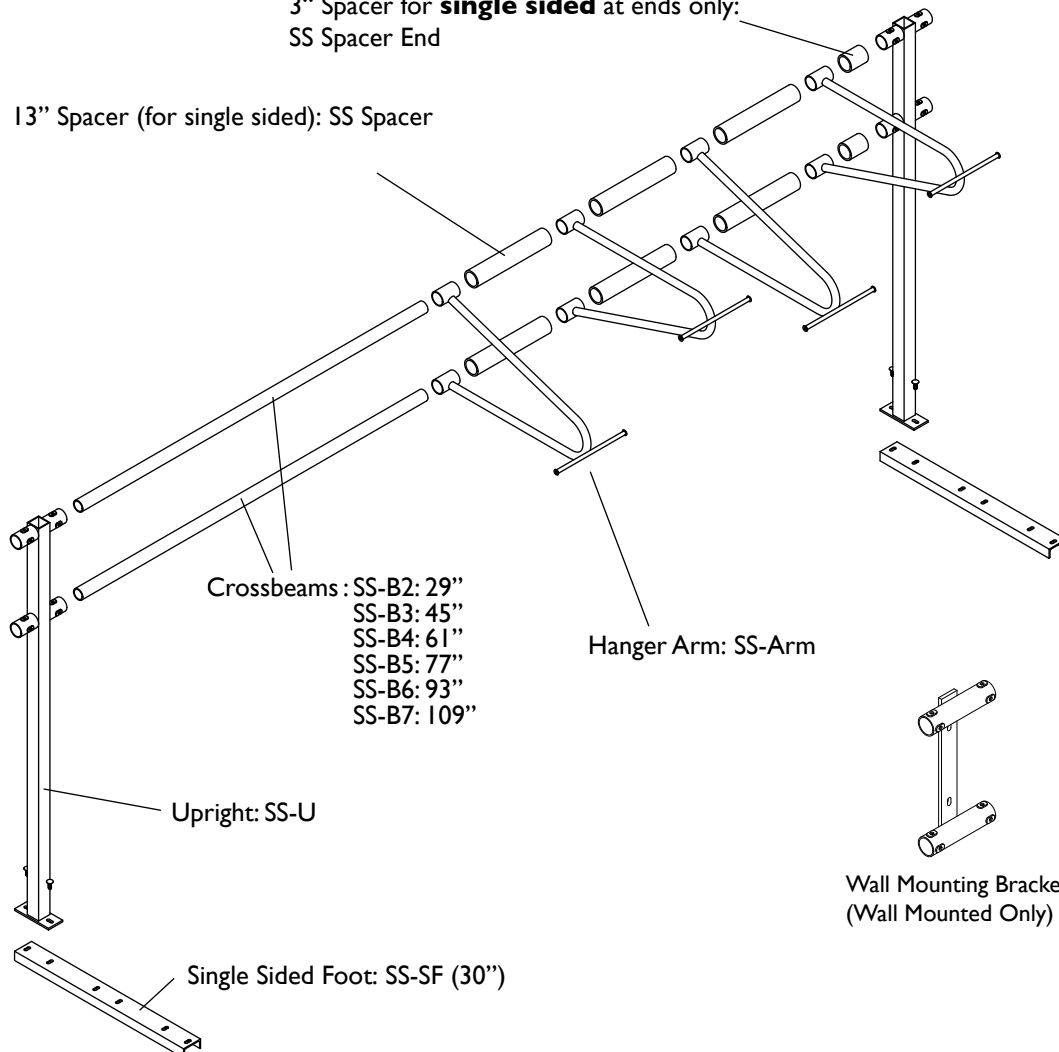
Solid concrete is the best base material for installation. Make sure nothing is underneath the base material that could be damaged by drilling. Use the 3.75" wedge anchors that are included to install the rack into the concrete.

Installation:

Sort out the parts to the rack and identify each of them accordingly. The 1" carriage bolts are for assembly of the rack and the 3.75" wedge anchors are for mounting the rack to the floor.

3" Spacer for **single sided** at ends only:
SS Spacer End

13" Spacer (for single sided): SS Spacer



Wall Mounting Bracket
(Wall Mounted Only) - SS-W

SPACE SAVER - Installation Instructions - Wall Mount



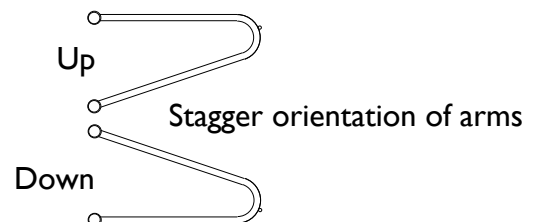
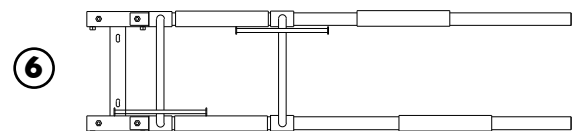
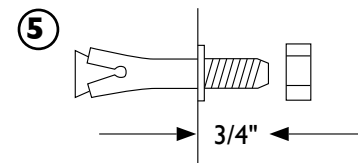
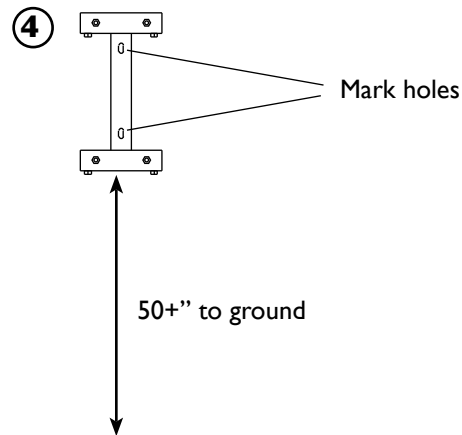
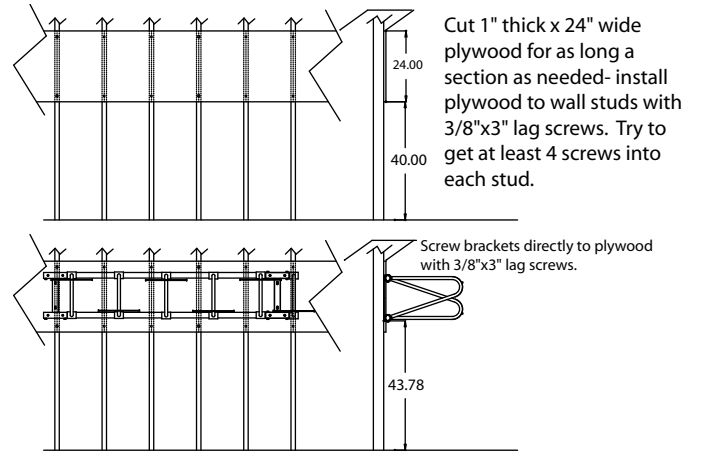
Tools Needed for Installation

- 9/16" Wrench/Socket
- 3/8" or 1/2" Masonry Drill Bit (Depending on anchor type)
- Tape Measure
- Drill (Hammer drill recommended)
- Hammer
- Level

Install Steps

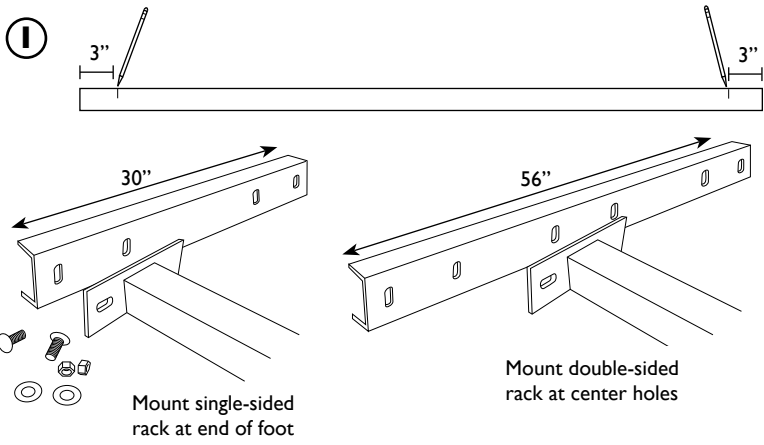
- 1 Make sure the wall is strong enough to accommodate the rack fully loaded with bikes.
- 2 Lay out parts on the floor where unit is to be installed and be sure you have all necessary parts.
- 3 On galvanized cross beams, Place a mark three inches from each end. This mark will show you how far to slide the cross beam into the wall bracket.
- 4 Place first wall bracket on wall where you want to install the bike rack. Bottom of bracket should be at least 50" from ground. Mark holes for drilling.
- 5 Drill holes into wall and install anchors as specified in the anchor instructions shipped with the rack. Set anchors by tightening them first. Make sure 3/4" of the threads protrude from the wall. Then place the rack over the anchors and re-tighten the nut.
- 6 Insert crossbeams into bracket. Slide on arms and spacers, make sure arms are staggered. At end of last arm place 3" spacers and install end bracket, making sure cross beams are level.
- 7 If installing more than one set of Space Saver arms, continue from last installed wall bracket and repeat steps 3-6 above.

Special Instructions for Wood Stud Wall



NEED MORE HELP?
Call Dero at 1-888-337-6729

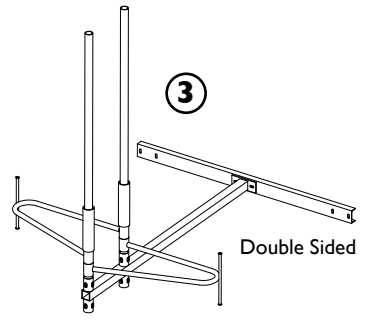
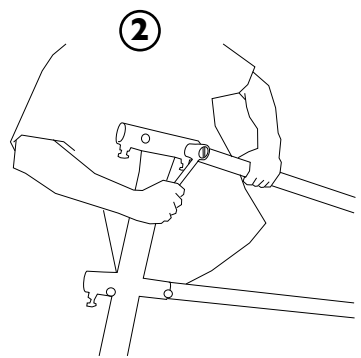
SPACE SAVER - Installation Instructions - Floor Mount



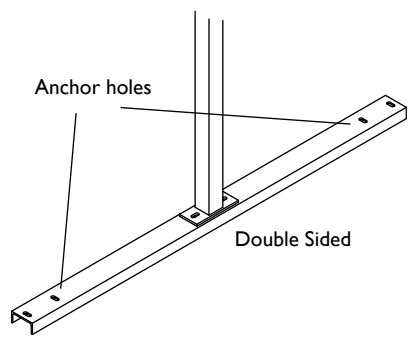
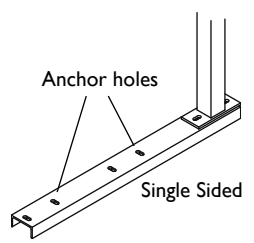
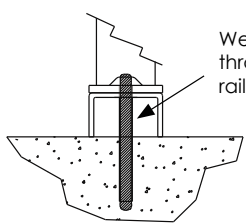
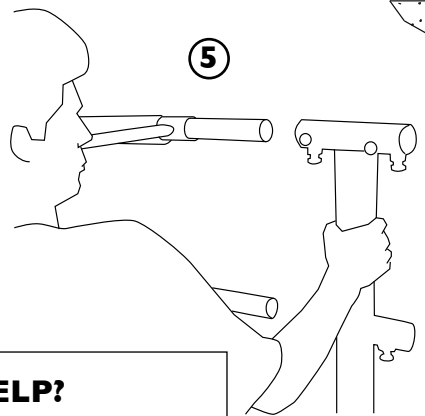
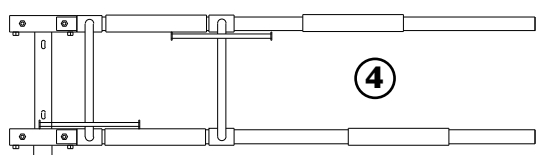
- ### Tools Needed for Installation
- 9/16" Wrench/Socket
 - 3/8" Masonry Drill Bit
 - Tape Measure
 - Drill (Hammer drill recommended)
 - Hammer

Install Steps

- ① Measure out space. Attach feet to uprights with carriage bolts provided.
- ② Slide crossbeams no more than 3" into uprights; tighten bolts
- ③ Lay assembled uprights with crossbeams attached on their side so crossbeams are facing up. Slide first hanger arm on. Then slide the plastic spacers on.
- ④ Slide next arm on but make sure to flip each arm so that the hanger rod is at a different level from its neighboring arms. For double sided model slide arms on opposite each other. Repeat until the crossbeams are full. For Single-sided installs place 3" spacer at end (part# SS-Spacer End)
- ⑤ Tip rack up and attach the second upright. Tighten bolts. Slide assembled rack into final location. For add-on units repeat steps.
- ⑥ Anchor rack to floor with 3.75" wedge anchors.



Note staggered height



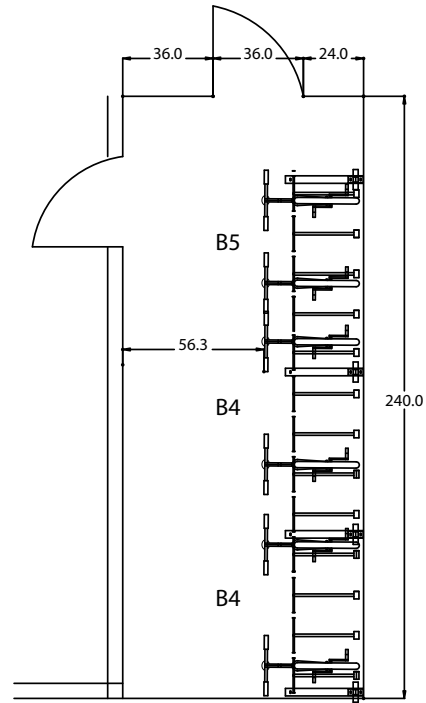
 **NEED MORE HELP?**
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SPACE SAVER - Free Bike Room Floor Plan!

If you have a room you would like to convert into a bicycle storage room we can help! Just fax or mail us a sketch of the space along with dimensions and relevant information about positions of doors, other obstacles, etc. We will take your sketch and draft a complete bike room floor plan that will maximize your floor space. We will also send you a full quote including parts and freight for making the plan a reality. This service is provided entirely free of charge.

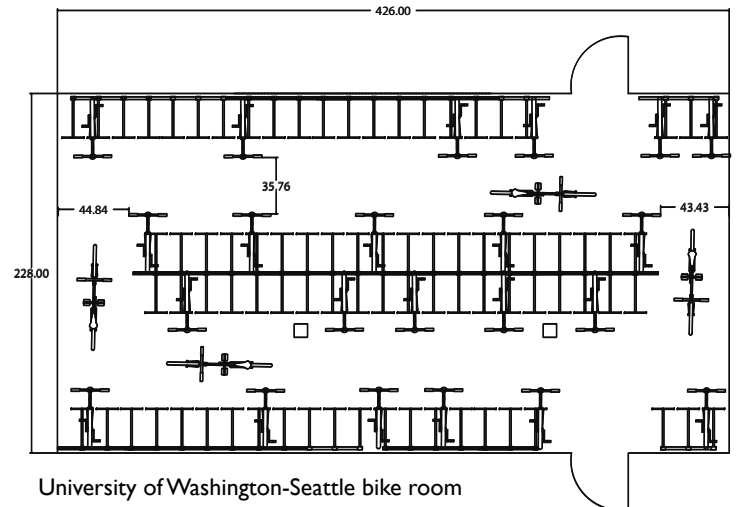


Wall-mounted Space Savers



For most installations a CAD drawing will accompany the installation documentation.

The numbers B3, B4, B5, etc. correspond to the size of the crossbeam sections and indicate the number of arms installed on that section.



University of Washington-Seattle bike room

SPACE SAVER - Field Fitting/Shortening the Space Saver to fit a Space

You may find it necessary to field fit a Space Saver. The following instructions describe this process.



Tools Needed for Installation

- Saw for cutting PVC pipe (such as a SkilSaw)
- Saw for cutting metal pipe
- Tape Measure

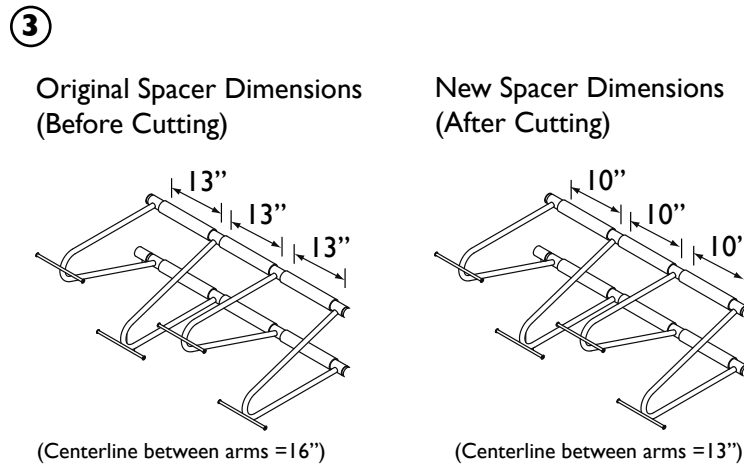
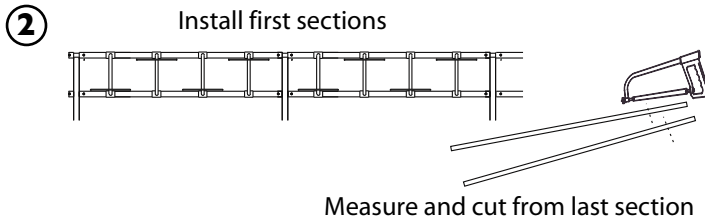
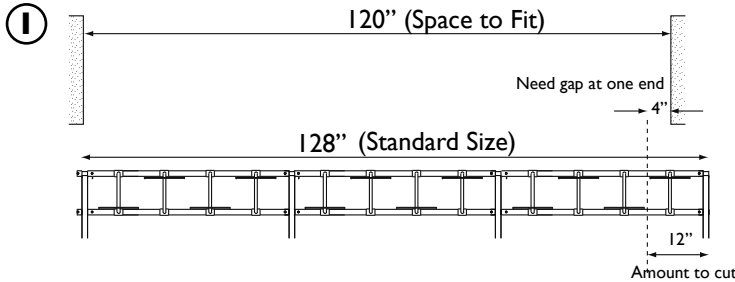
Instructions

- Figure out how much length you need to remove. To do this, subtract the width of the space you are trying to fit from the length of the Space Saver crossbeam (128") and add 4 (because you will need a 4" gap at at least one end.) For Example if you have a 120" space you will need to remove 12" from the Space Saver crossbeam

$$\begin{array}{r}
 128 \text{ Width of crossbeam} \\
 - \underline{120 \text{ Space to Fit}} \\
 8 \\
 + \underline{4 \text{ Need 4" gap at one end}} \\
 12
 \end{array}$$

- Cut the required length from the metal crossbeams, and install (see standard installation instructions). It may be easiest to install the first sections and figure from the last section how much to cut.

- Now you will need to cut an equal amount from the PVC spacers to make up for the length you cut from the crossbeam. (Note: If installing a Single Sided Space Saver, you may choose NOT to use the 3" spacer that would normally go on the end of the rack.) If you do not install the small 3" spacer then you should subtract 3" from the total length you will need to remove from the spacers. In the example above we needed to trim the Space Saver by 12". If we do not use the small spacer, we will need to trim the PVC spacers by a total of 9". If you are working on a segment with 4 hanger arms, you will have 3 pairs of spacers. Divide the total amount you will need to trim (in this case 9") by the number of spacer pairs to get the amount you will need to trim from each set (in this case 3").



NEED MORE HELP?
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Note: Each spacer will need to be at least 9" long to allow adequate space between hanger arms. Do not trim more than 4" from any one spacer.